

REPUBLIC OF TURKEY
PRIME MINISTRY



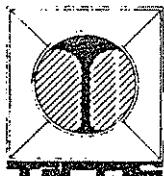
SOUTHEASTERN ANATOLIA PROJECT
REGIONAL DEVELOPMENT ADMINISTRATION

AGRICULTURAL COMMODITIES MARKETING SURVEY
PLANNING OF CROP PATTERN
AND
INTEGRATION OF MARKETING AND CROP PATTERN STUDIES

VOLUME V

Appendix A - B - C

AUGUST • 1992 ANKARA



TİPAS Tarım - Turizm - İnşaat
Pazarlama ve Ticaret A.Ş.
Ankara - Turkey



AFC Agriculture and Food
International Consulting GmbH
Bonn - Germany



GAP Marketing and Crop Pattern Study
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*GAP Marketing and Crop Pattern Study
Contents*

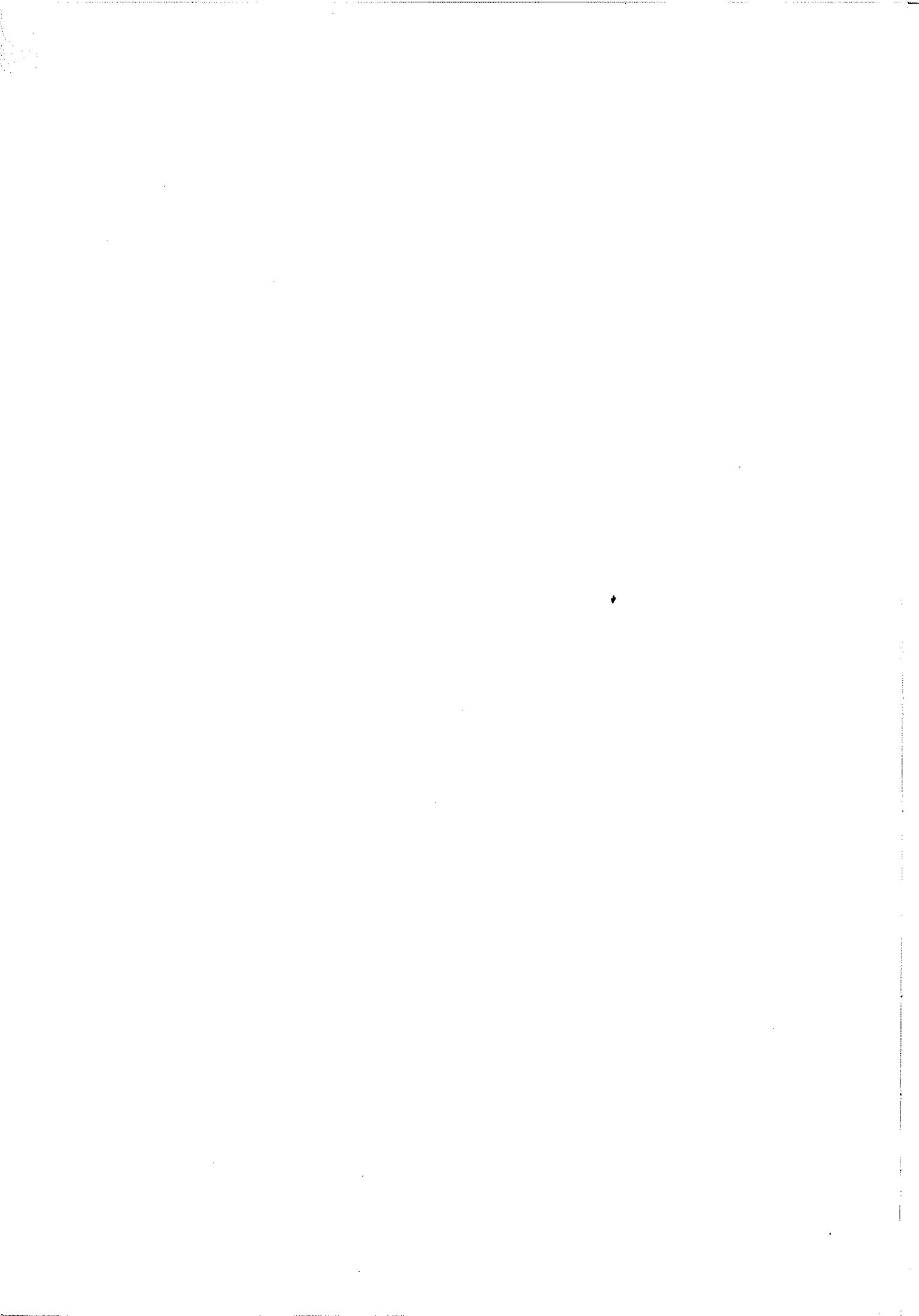
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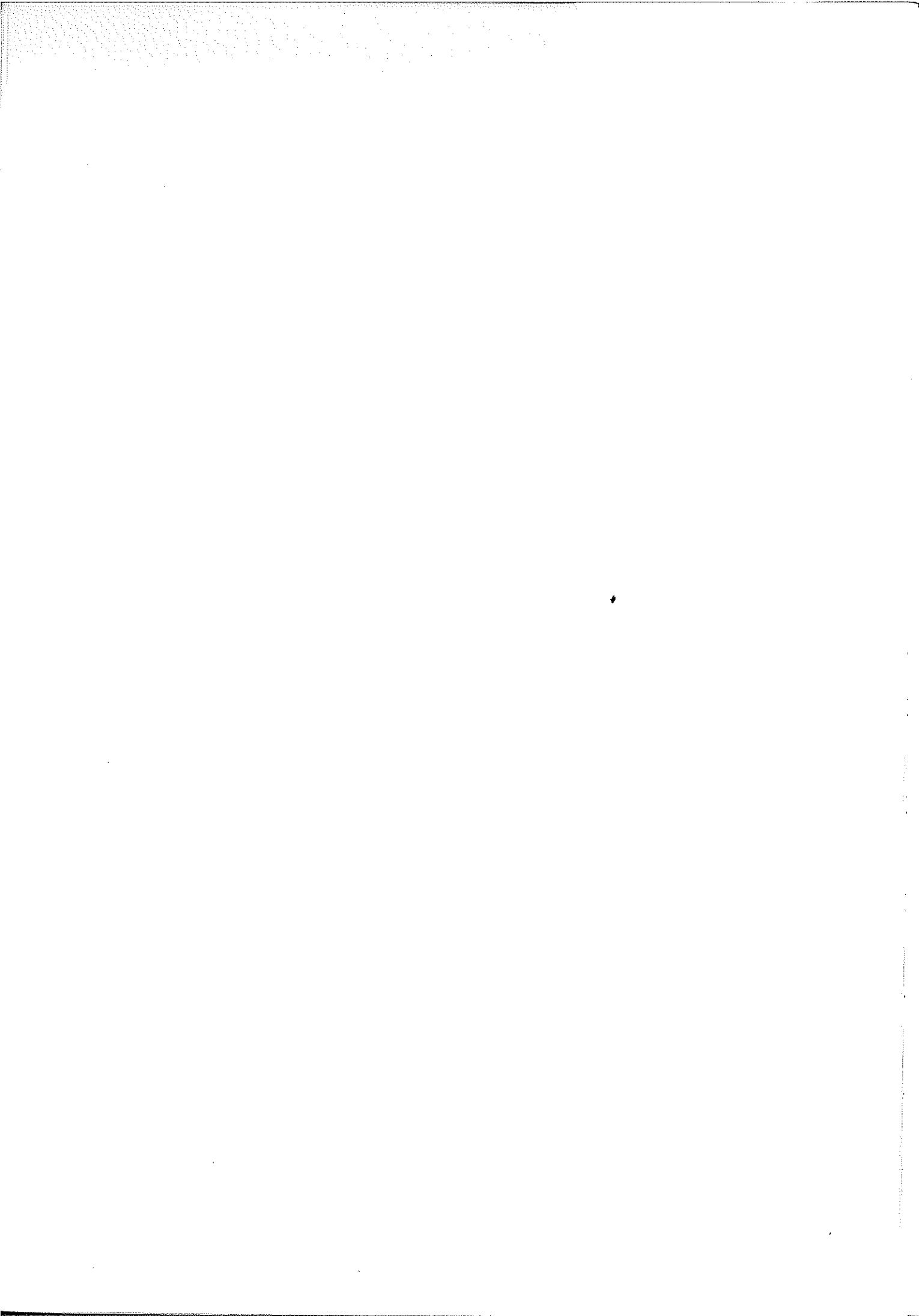
H. Zielenski, Irrigation Expert-Germany



APPENDIX A 1:

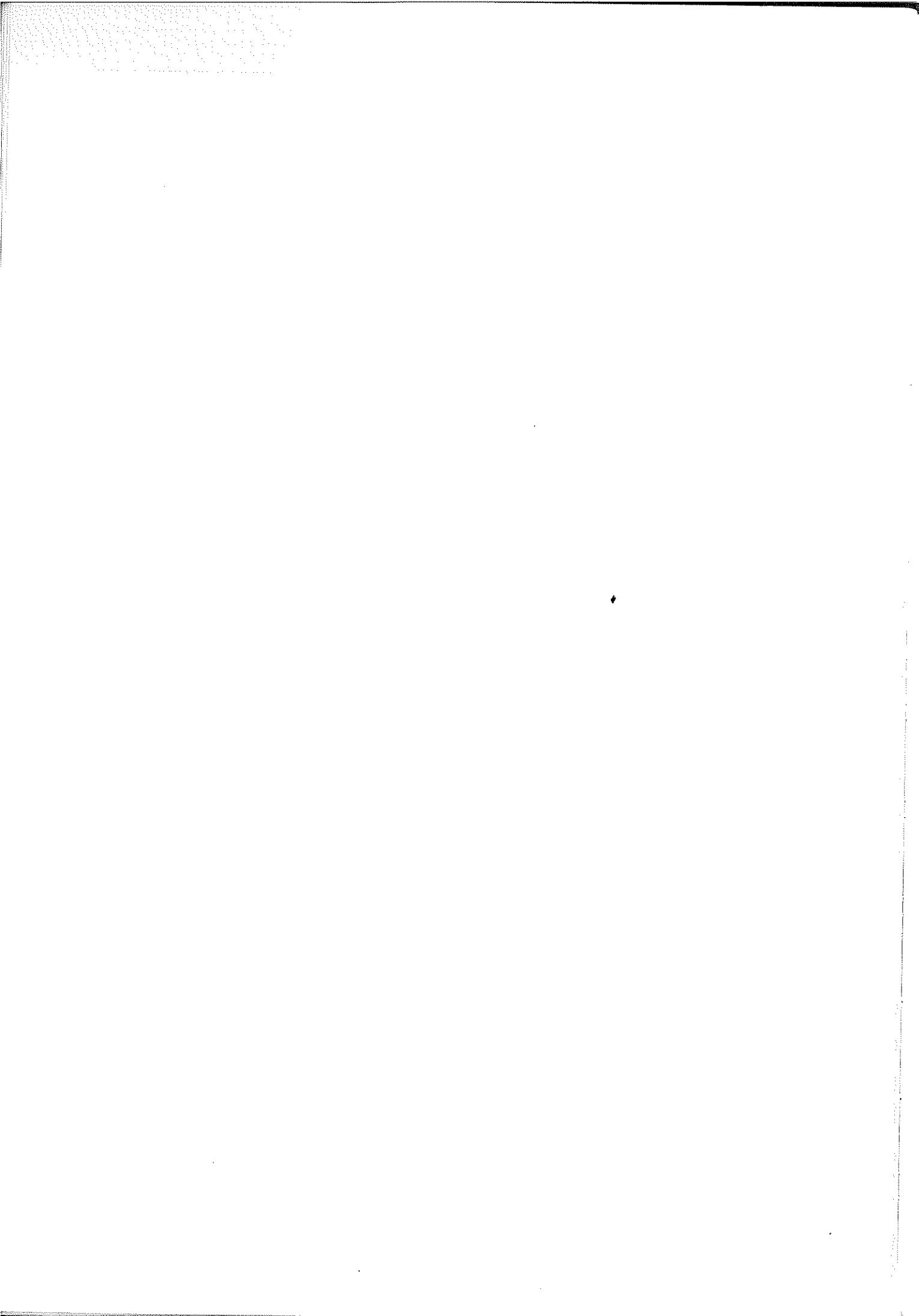
COMPUTER PROGRAMME

MAIN MODEL



COMPUTER PROGRAM - MAIN MODEL

```
*****
**      WTMCOM.FOR                      Status: 23.05.92 1      **
**      WTM Model, base model           **WTM00020
**      Fortran level: 77              **WTM00040
**      May 1991      , Klaus Mueller   **WTM00050
**      Institut f. Agrarpolitik, Universitaet Bonn   **WTM00060
*****                                         **WTM00070
*****                                         **WTM00080
*****                                         **WTM00090
*****                                         **WTM00100
*****                                         **WTM00110
*****                                         **WTM00120
*****                                         **WTM00130
*
*          DEBUG SUBCHK                WTM00140
*          END DEBUG                  WTM00150
*          PROGRAM WTMCOM            WTM00160
*          WTM00170
*          WTM00180
*          IMPLICIT INTEGER*4(A-W,Z), REAL*4(X), LOGICAL*4(Y)    WTM00190
*          WTM00200
*          ----- functions -----   WTM00210
*          WTM00220
*          REAL*4 ABS                 WTM00230
*          WTM00240
*          ----- constants -----    WTM00250
*          WTM00260
*          PARAMETER (MAXREG = 57)     *** max. regions selected WTM00270
*          PARAMETER (MAXPRS = 31)     *** max. products selected WTM00280
*          PARAMETER (MAXPRP = 31)     *** max. products printed WTM00290
*          PARAMETER (MAXREP = 15)     *** max. regions printed WTM00300
*          PARAMETER (MAXAGG = 82)     *** max. components in aggr. WTM00310
*          PARAMETER (MAXAGP = 13)     *** max. aggregates WTM00320
*          PARAMETER (MAXELE = 12)     *** max. elements printed WTM00330
*          PARAMETER (MAXPRO = 44)     *** max. products WTM00340
*          PARAMETER (MAXYEA = 6)      *** max. years WTM00350
*          PARAMETER (XDMISS = 0.)     *** missing values WTM00360
*          PARAMETER (KDIM=MAXPRS + 1) *** for internal dimensioning WTM00370
*          PARAMETER (MDIM=MAXPRS + MAXPRS) *** item indices for XTRCOE WTM00380
*          PARAMETER (TRENS=1, TREND=2, TRENSL = 3, TRENDL = 4,      WTM00390
*          >          TYPS =5, TYPD =6, TREDC = 7, NTRE = 7)        WTM00400
*          *** item indices for XCOEF
*          PARAMETER (PSES=1, CSES=2, MPSS=3, SHID=4, SHIP=5, TRSS=6, WTM00410
*          >          TRSD=7, NSCE=7)           *** item indices for XELEM WTM00420
*          PARAMETER (PPROP=1, PDEMP=2, PNETP=3, PPEXP=4, PPIMP=5, WTM00430
*          >          PSTOC=6, PSTOP=7, PUVEK=8,          *** item indices for XCOEF WTM00440
*          >          PUVIM=9, PUVPR=10, PUVCO=11, NELEM=11)       WTM00450
*          PARAMETER (TAUS=1, TAUD=2, SIGS=3, SIGD=4, SIGP=5, NCOE=5) WTM00460
*          *** item indices for XPOL
*          PARAMETER (STEX=1, PINS=2, PIND=3, MPS=4, PRPR=5, PSE=6, CSPR=7, WTM00470
*          >          CSE=8, VTAR=9, TRPR=10, NPOL=10)           *** products WTM00480
*          PARAMETER (WHEA=1, BARL=2, MAIZ=3, OCES=4, RICE=5, SUGA=6, WTM00490
*          WTM00500
*          WTM00510
*          WTM00520
*          WTM00530
*          WTM00540
*          WTM00550
*          WTM00560
*          WTM00570
*          WTM00580
*          WTM00590
*          WTM00600
*          WTM00610
*          WTM00620
*          WTM00630
*          WTM00640
*          WTM00650
*          WTM00660
*          WTM00670
*          WTM00680
```



COMPUTER PROGRAM - MAIN MODEL

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>           OSOY=13,OSUN=14,OGNU=15,OOLI=16,                  WTM00710
>           KSOY=17,KSUN=18,KGNU=19,                           WTM00720
>           BEEF=20,PMEA=21,MUTT=22,POUL=23,EGGS=24,          WTM00730
>           MILK=25,BUTT=26,MDRY=27,CHES=28,                  WTM00740
>           TOBA=29,COTT=30,                                 WTM00750
>           POTA=31,                                         WTM00760
>           NPRO=31)                                         WTM00770
*
*           *** regions                                         WTM00780
*
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*                         IRL=8,ITA=9,NL=10,PO=11,SPA=12,UK=13,AUS=14,   WTM00810
*                         ZP =15,FIN=16,NOR=17,SWE=18,SWI=19,RWE=20,ALB=21,   WTM00820
*                         BUL=22,CZE=23,HUN=24,POL=25,ROM=26,JUG=27,USS=28,   WTM00830
*                         JOR=29,LEB=30,SYR=31,NME=32,IRN=33,IRQ=34,KUW=35,   WTM00840
*                         SAU=36,OME=37,ISR=38,ALG=39,EGY=40,LYB=41,MAR=42,   WTM00850
*                         TUN=43,SA =44,RAF=45,BGD=46,PAK=47,IND=48,CHN=49,   WTM00860
*                         JAP=50,RAS=51,USA=52,CAN=53,LA =54,ANZ=55,WOR=56,   WTM00870
*                         NREG=56)                                         WTM00880
*
*           *** aggregates                                         WTM00890
*
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*                         AF =8,AS =9,NA=10,LAM=11,AN =12,WO =13,       WTM00930
*                         NAGG=13)                                         WTM00940
*
*           ----- globals -----                                         WTM00950
*
*           INCLUDE(INOUTG)                                     *** general files   WTM00980
*           INCLUDE(DATTIM)                                     *** date & time      WTM01000
*           INCLUDE(PANELG)                                    *** error message handling   WTM01010
*
*           INTEGER*4    PROSEL(MAXPRS),NPROS                 *** selected products   WTM01020
*           INTEGER*4    PRPSEL(MAXPRP),NPROP                 *** selected products printed   WTM01030
*           INTEGER*4    REPSEL(MAXREP),NREGP                 *** selected regions printed   WTM01040
*           INTEGER*4    IMPSEL(MAXPRO),NIMP                 *** selected implicit constr.   WTM01050
*
*           COMMON/MCMCTL/PROSEL,NPROS,IMPSEL,NIMP           WTM01140
*
*           REAL*4     XEPSS(NPRO,NPRO,MAXREG)               *** supply elasticities   WTM01160
*           REAL*4     XEPSD(NPRO,NPRO,MAXREG)               *** demand elasticities   WTM01170
*           REAL*4     XPOL(NPOL,NPRO,MAXREG)                *** exogenous policy data   WTM01180
*
*           REAL*4     XCOEB(NCOE,NPRO,MAXREG)               *** price transmission and stock elasticities   WTM01220
*           REAL*4     XSCE(NSCE,NPRO,MAXREG)                *** scenario parameters   WTM01240
*           REAL*4     XTRCOE(NTRE,NPRO,MAXREG)              *** trend parameters   WTM01260
*
*           REAL*4     XTRADE(NELEM,MAXREG,NPRO),XWORK(NELEM) *** work arrays   WTM01290
*           REAL*4     XSIM(NELEM,MAXYEA,MAXREG,MAXPRP),      *** simulation result table   WTM01300
*           >           XAGG(NELEM,MAXYEA,MAXAGP,MAXPRP)        WTM01310
*           COMMON/MCMDAT/XEPSS,XEPSD,XPOL,XSCE,XCOEB,XTRADE,XTRCOE   WTM01320
*           ----- locals -----                                         WTM01330
*                                                               WTM01340
*                                                               WTM01350
*                                                               WTM01360
*                                                               WTM01370

```

COMPUTER PROGRAM - MAIN MODEL

*			WTM01380
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*	CHARACTER*80 MESSAG(3)		WTM01400
*	CHARACTER*80 TEXT	*** description text for tables	WTM01410
*	CHARACTER*16 KEY(MAXREG),KEYA(MAXAGP),KEYO(MAXREP)	*** table key	WTM01420
*		*** aggregation array	WTM01430
*	CHARACTER*3 AGGREG(MAXAGG)		WTM01440
*		*** years	WTM01450
*	CHARACTER*2 YEARS(MAXYEA),YEAR		WTM01460
*		*** item codes	WTM01470
*	CHARACTER*8 TCOE(NCOE),TTRE(NTRE),TPOL(NPOL),TSCE(NSCE), > TELE(NELEM)		WTM01480
*		*** product codes	WTM01490
*	CHARACTER*4 TPRO(NPRO)	*** region codes	WTM01500
*	CHARACTER*3 TREG(NREG),TAGG(NAGG)	*** table types	WTM01510
*	CHARACTER*4 TYPELS,TYPELD,TYPPOL,TYPSC,YPSCOE,YPPTRE, > YPTRD,TYP	*** codes of products	WTM01520
*		*** codes of regions printed	WTM01530
*	CHARACTER*3 REGIOP(MAXREP)	*** codes of aggreg. printed	WTM01540
*	CHARACTER*3 AGGREP(MAXAGP)	*** codes of products printed	WTM01550
*	CHARACTER*4 PRODUC(MAXPRO)	*** codes of regions	WTM01560
*	CHARACTER*3 PRODUP(MAXPRP)	*** codes of elements processed	WTM01570
*	CHARACTER*3 REGION(MAXREG)	*** codes of elements printed	WTM01580
*	CHARACTER*4 ELEMEN(MAXELE)	*** headers for printing tables	WTM01590
*	CHARACTER*4 PRTELE(MAXELE)	*** base year, final year	WTM01600
*	CHARACTER*80 HEADER(2),FOOTER(2)		WTM01610
*	CHARACTER*2 SYEAR,BYEAR	*** print selection parameters	WTM01620
*	INTEGER*4 SELROW,SELPROM,IYEAR	*** Prod. price wedge change mode	WTM01630
*	CHARACTER*3 PRPWCH	*** Cons. price wedge change mode	WTM01640
*	CHARACTER*3 CSPWCH	*** Trend shift mode	WTM01650
*	CHARACTER*3 TRSHFT	*** regional aggregation mode	WTM01660
*	CHARACTER*3 REGAG1,REGAG2	*** periods printed	WTM01670
*	CHARACTER*3 PERIOD	*** Number of Products	WTM01680
*	INTEGER*4 M	*** M+1	WTM01690
*	INTEGER*4 K	*** years printed	WTM01700
*	INTEGER*4 NYEAP	*** Supply	WTM01710
*	REAL*8 XPROPT(MAXREG,MAXPRS)	*** Demand	WTM01720
*	XDEMP(MAXREG,MAXPRS)	*** internal work arrays	WTM01730
*	REAL*8 XDP1(KDIM,MDIM),XPRICES(MAXPRS),XANNPR(MAXPRS), > XREAPR(MAXPRS),XANNRE(MAXPRS), > XSUM(MAXPRS),XC(MAXPRS),XB1(MAXPRS),XB2(MAXPRS)	*** policy parameter arrays	WTM01740
*	REAL*4 XMPSU(MAXREG,MAXPRS),XPRPR(MAXREG,MAXPRS), > XCSPR(MAXREG,MAXPRS),XPSE(MAXREG,MAXPRS),		WTM01750
			WTM01760
			WTM01770
			WTM01780
			WTM01790
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			WTM02030
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			WTM02050

COMPUTER PROGRAM - MAIN MODEL

```

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*                                         *** item codes          WTM02070
* DATA TCOE/'TAUS','TAUD','SIGS','SIGD','SIGP',//          WTM02080
>      TPOL/'STEX','PINS','PIND','MPS','PRPR','PSE','CSPR','CSE', WTM02100
>      'VTAR','TRPR',//                                     WTM02110
>      TSCE/'PSES','CSES','MPSS','SHID','SHIP','TRSS','TRSD',// WTM02120
>      TTRE/'TRES','TRED','TRSL','TRDL','TYPS','TYPD','DECL',// WTM02130
>      TELE/'PROP','DEMP','NETP','PEXP','PIMP','STOC','STOP',   WTM02140
>      'UVEX','UVIM','UVPR','UVCO',//                         WTM02150
>      TPRO/'WHEA','BARN','MAIZ','OCES','RICE','SUGA',        WTM02160
>      'LENT','CHKP','DRYB',                                    WTM02170
>      'SOYA','SUNF','GNUT',                                    WTM02180
>      'OSOY','OSUN','OGNU','OOLI',                           WTM02190
>      'KSOY','KSUN','KGNU',                                    WTM02200
>      'BEEF','PMEA','MUTT','POUL','EGGS',                  WTM02210
>      'MILK','BUTT','MDRY','CHES',                           WTM02220
>      'TOBA','COTT',                                       WTM02230
>      'POTA',//                                           WTM02240
*
*                                         ***                      WTM02250
*
*                                         ***                      WTM02260
*
* TREG/'TUR','BL ','DK ','FRA','GEW','GEE','GRE',
>      'IRL','ITA','NL ','PO ','SPA','UK ','AUS',          WTM02270
>      'ZP ','FIN','NOR','SWE','SWI','RWE','ALB',          WTM02280
>      'BUL','CZE','HUN','POL','ROM','JUG','USS',          WTM02290
>      'JOR','LEB','SYR','NME','IRN','IRQ','KUW',          WTM02300
>      'SAU','OME','ISR','ALG','EGY','LYB','MAR',          WTM02310
>      'TUN','SA ','RAF','BGD','PAK','IND','CHN',          WTM02320
>      'JAP','RAS','USA','CAN','LA ','ANZ','WOR',//        WTM02330
>      TAGG/'TUR','EC ','RWE','EE ','USS','ME ',*NAF',    WTM02340
>      'RAF','RAS','NA ','LA ','ANZ','WOR'//               WTM02350
*
*                                         ***                      WTM02360
*
*                                         ***                      WTM02370
*
*                                         ***                      WTM02380
*
*                                         ***                      WTM02390
*
*                                         ***                      WTM02400
*
* DATA (AGGREG(A), A = 1,82)/          WTM02410
* '='='=','TUR','TUR',                   WTM02420
* '='='=','EC ','BL ','DK ','FRA','GEW','GEE','GRE','IRL','ITA',
*      'NL ','PO ','SPA','UK ',           WTM02430
* '='='=','RWE','AUS','ZP ','FIN','NOR','SWE','SWI','RWE', WTM02440
* '='='=','EE ','ALB','BUL','CZE','HUN','POL','ROM',
*      'JUG',                           WTM02450
* '='='=','USS','USS',                  WTM02460
* '='='=','ME ','JOR','LEB','SYR','NME','IRN','IRQ',
*      'KUW','SAU','OME','ISR',          WTM02470
* '='='=','NAF','ALG','EGY','LYB','MAR','TUN',          WTM02480
* '='='=','RAF','SA ','RAF',            WTM02490
* '='='=','RAS','BGD','PAK','IND','CHN','JAP','RAS',    WTM02500
* '='='=','NA ','USA',                 WTM02510
*      'CAN',                           WTM02520
* '='='=','LA ','LA ',                 WTM02530
* '='='=','ANZ','ANZ',                 WTM02540
* '='='=','WOR','WOR'//                WTM02550
*
*                                         ----- initialize ----- WTM02560
*
*                                         *** get time & date from system WTM02570
* CALL TIME(TIME8,DATE8)                WTM02580
*
*                                         *** get programs environment, WTM02590
*                                         *** display startup logo,   WTM02600
*                                         *** open general files   WTM02610
*
* CALL PGMINI('WTMCOM','PROTOCOL ERROR PRINT',RC)       WTM02620
* IF(RC.NE.0) GO TO 556
*
*                                         *** write log file header WTM02630
* WRITE(LOGOUT,'(24X,A)') 'Log file of program WTMCOM'   WTM02640
* WRITE(LOGOUT,'(/80A)') (' ',I=1,(72-LENACT(PGMXTXT))/2),PGMTXT WTM02650
* WRITE(LOGOUT,'(/80A)') (' ',I=1,(72-LENACT(SYSTXT))/2),SYSTXT WTM02660
* WRITE(LOGOUT,'(/17X,4A)') 'Program started at ',DATE8,' ',TIME8 WTM02670
*                                         *** write log file header WTM02680
*                                         *** write log file header WTM02690
*                                         *** write log file header WTM02700
*                                         *** write log file header WTM02710
*                                         *** write log file header WTM02720
*                                         *** write log file header WTM02730

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COMPUTER PROGRAM - MAIN MODEL

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*                                         WTM02740
* ----- process parameters & open files ----- WTM02750
*                                         WTM02760
*                                         *** get basic scenario control WTM02770
    CALL WTM4(PRPWCH,CSPWCH,TRSHFT,RC)          WTM02780
    IF(RC.NE.0) GO TO 556                      WTM02790
    WRITE(LOGOUT,'()')
*                                         *** get file names, open files WTM02810
    CALL WTM1(COEFIL,EPSFL1,EPSFL2,POLFIL,TREFIL,SCEFIL, WTM02820
    >           BASFL1,OUTFL1,OUTFL2,RC)          WTM02830
    IF(RC.NE.0) GO TO 556                      WTM02840
    WRITE(LOGOUT,'()')
*                                         *** get simulation control par. WTM02860
    CALL WTM3(BYEAR, SYEAR,                      WTM02870
    >           PRODUC,NPROS,TPRO,NPRO,           WTM02880
    >           TYPELS,TYPELD,TYPOL,TYPSCE,TYPCOE,TYPTRE, WTM02890
    >           TYPTRD,                           WTM02900
    >           RC)                            WTM02910
    IF(RC.NE.0) GO TO 556                      WTM02920
    WRITE(LOGOUT,'()')
*                                         *** get simulation control par. WTM02940
    CALL WTM2(REGAG1,REGAG2,PERIOD,RC)          WTM02950
    IF(RC.NE.0) GO TO 556                      WTM02960
    WRITE(LOGOUT,'()')
*                                         *** get simulation control par. WTM02980
    CALL WTM5(PRODUP,MAXPRP,NPROP,TPRO,NPRO,          WTM02990
    >           REGIOP,MAXREP,NREGP,TREG,NREG,          WTM03000
    >           AGGREG,MAXAGP,NAGGP, TAGG, NAGG,          WTM03010
    >           RC)                            WTM03020
    IF(RC.NE.0) GO TO 556                      WTM03030
    WRITE(LOGOUT,'()')
*                                         *** element codes WTM03040
    DO 45 IELEM = 1,NELEM
        ELEMEN(IELEM) = TELE(IELEM)
45  CONTINUE
*                                         *** region codes WTM03050
    DO 46 IREG = 1,NREG
        REGION(IREG) = TREG(IREG)
46  CONTINUE
*                                         *** years WTM03060
    NYEARS = 6
    YEARS(1) = BYEAR
    YEARS(2) = '90'
    YEARS(3) = '95'
    YEARS(4) = '00'
    YEARS(5) = '05'
    YEARS(6) = SYEAR
*                                         *** index of selected products WTM03070
    DO 50 IPROS = 1,NPROS
        PROSEL(IPROS) = IFINDC(PRODUC(IPROS),TPRO,NPRO,1)
50  CONTINUE
*                                         *** index of selected products printed WTM03080
    DO 51 IPROP = 1,NPROP
        PRPSEL(IPROP) = IFINDC(PRODUP(IPROP),TPRO,NPRO,1)
51  CONTINUE
*                                         *** index of selected regions printed WTM03090
    DO 52 IREGP = 1,NREGP
        REPSEL(IREGP) = IFINDC(REGIOP(IREGP),TREG,NREG,1)
52  CONTINUE
*                                         *** index of selected regions printed WTM03100
    IREGW = NREGP+1
    IROW = NREGP+2
    REGIOP(IREGW) = 'WOR'
    REGIOP(IROW) = 'ROW'
*----- initialize sequential screen output ----- WTM03340
*                                         WTM03350
    CALL MESSON(DUMMY)                         WTM03360
*                                         WTM03370
*                                         WTM03380
*----- initialize sequential screen output ----- WTM03390
*                                         WTM03400
    CALL MESSON(DUMMY)                         WTM03410

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COMPUTER PROGRAM - MAIN MODEL

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*                                         WTM03420
CALL TABINI(PRNOUT,133,60,'ENGLISH')          WTM03430
*                                         WTM03440
CALL TABMIS(XDMISS,' 0.000')                  WTM03450
*                                         WTM03460
*****                                         **** WTM03470
*                                         WTM03480
READ DATA                                     **** WTM03490
*                                         WTM03500
*                                         WTM03510
*** period routine                           WTM03520
*                                         WTM03530
DO 5 IYEAR = 1, NYEARS-1                      WTM03540
*                                         WTM03550
-----                                         ----- WTM03570
----- data constant for all simulation years ----- WTM03580
-----                                         ----- WTM03590
*                                         WTM03600
IF (IYEAR.EQ.1) THEN                          WTM03610
MESSAG(1) = 'READING CONSTANT MODEL DATA'    WTM03620
CALL MESSA1(MESSAG,1,.FALSE.,DUMMY)           WTM03630
*                                         WTM03640
----- Base Year Variables -----             WTM03650
*                                         WTM03660
*                                         WTM03670
MESSAG(1) = 'Reading Base Year Data....'     WTM03680
CALL MESSA1(MESSAG,1,.FALSE.,DUMMY)           WTM03690
DO 60 IREG= 1,NREG                           WTM03700
KEY(IREG)=REGION(IREG)//'00'//'.'//'.'//'00'//TYPTRD//T WTM03710
60 CONTINUE                                    WTM03720
CALL DATINE('TL')                            WTM03730
CALL DATIN4(XTRADE,'CLTD',NELEM,1,MAXREG,NPRO,        WTM03740
>                                         NELEM,1,NREG,NPRO,          WTM03750
>                                         TELE,BYEAR//'00',KEY,TPRO, WTM03760
>                                         BASFL1,LOGOUT,1,0.,RC)    WTM03770
IF(RC.GT.0) THEN                            WTM03780
MESSAG(1) = '*** Error(s) reading base data'   WTM03790
CALL MESSA1(MESSAG,1,.TRUE.,DUMMY)            WTM03800
GO TO 555                                    WTM03810
ENDIF                                         WTM03820
MESTXT = ''                                WTM03830
*                                         WTM03840
----- Model Parameters -----               WTM03850
*                                         WTM03860
MESSAG(1) = 'Reading constant model parameters...' WTM03870
CALL MESSA1(MESSAG,1,.FALSE.,DUMMY)           WTM03880
*                                         WTM03890
*** read trend coefficients                WTM03900
*                                         WTM03910
MESSAG(1) = '... reading trend coefficients'  WTM03920
CALL MESSA1(MESSAG,1,.FALSE.,DUMMY)           WTM03930
DO 115 IREG= 1,NREG-1                       WTM03940
KEY(IREG)=REGION(IREG)//'00'//'.'//'.'//'00'//TYPTRD//T WTM03950
115 CONTINUE                                    WTM03960
CALL DATINE('L')                            WTM03970
CALL DATIN4(XTRCOE,'CDLT',NTRE,NPRO,1,MAXREG,        WTM03980
>                                         NTRE,NPRO,1,NREG-1,          WTM03990
>                                         TTRE,TPRO,'NN00',KEY,      WTM04000
>                                         TREFIL,LOGOUT,0,0.,RC)    WTM04010
IF(RC.GT.0) THEN                            WTM04020
MESSAG(1) = '*** Error(s) reading trend coefficients' WTM04030
CALL MESSA1(MESSAG,1,.TRUE.,DUMMY)           WTM04040
GO TO 555                                    WTM04050
ENDIF                                         WTM04060
MESTXT = ''                                WTM04070
*                                         WTM04080
DO 116 IREG = 1,NREG-1                     WTM04090
DO 116 IPRO = 1,NPRO                      WTM04100
XTRCOE(TRENSL,IREG,IPRO) =                 WTM04110

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COMPUTER PROGRAM - MAIN MODEL

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>      ((XTRADE(PPROP,IREG,IPRO)*(XTRCOE(TRENS,IREG,IPRO)**23))- WTM04120
>      XTRADE(PPROP,IREG,IPRO)) / 23 WTM04130
XTRCOE(TRENDL,IREG,IPRO) = WTM04140
>      ((XTRADE(PDEMP,IREG,IPRO)*(XTRCOE(TREND,IREG,IPRO)**23))- WTM04150
>      XTRADE(PDEMP,IREG,IPRO)) / 23 WTM04160
116    CONTINUE WTM04170
*
*                                *** read policy coefficients WTM04180
*
MESSAG(1) = '... reading policy data' WTM04210
CALL MESSA1(MESSAG,1,.FALSE.,DUMMY) WTM04220
DO 110 IREG= 1,NREG WTM04230
    KEY(IREG)=REGION(IREG)//'00'//...'/'//...'/'00'//TYPPOL//'T' WTM04240
110    CONTINUE WTM04250
    CALL DATINE('L') WTM04260
    CALL DATIN4(XPOL,'CDLT',NPOL,NPRO,1,MAXREG, WTM04270
>                      NPOL,NPRO,1,NREG, WTM04280
>                      TPOL,TPRO,'NN00',KEY, WTM04290
>                      POLFIL,LOGOUT,0,0.,RC) WTM04300
    IF(RC.GT.0) THEN WTM04310
        MESSAG(1) = '*** Error(s) reading policy data' WTM04320
        CALL MESSA1(MESSAG,1,.TRUE.,DUMMY) WTM04330
        GO TO 555 WTM04340
    ENDIF WTM04350
    MESTXT = ' ' WTM04360
    ENDIF WTM04370
*
*----- data different for each simulation year -----
*
MESSAG(1) = 'SIMULATION FOR '//YEARS(IYEAR) WTM04410
CALL MESSA1(MESSAG,1,.FALSE.,DUMMY) WTM04420
MESSAG(1) = 'Read variable model parameters...' WTM04430
CALL MESSA1(MESSAG,1,.FALSE.,DUMMY) WTM04440
*
*                                *** read supply elasticities WTM04450
MESSAG(1) = '... reading supply elasticities' WTM04460
CALL MESSA1(MESSAG,1,.FALSE.,DUMMY) WTM04470
DO 55 IREG= 1,NREG-1 WTM04480
    KEY(IREG)=REGION(IREG)//'00'//'&&'//'00'//'00'//TYPELS//'T' WTM04490
55    CONTINUE WTM04510
    CALL DATINE('T') WTM04520
    CALL DATIN3(XEPSS,'CLT',NPRO,NPRO,MAXREG, WTM04530
>                      NPRO,NPRO,NREG-1, WTM04540
>                      TPRO,TPRO,KEY, WTM04550
>                      EPSFL1,LCCOUT,0,0.,RC) WTM04560
*
    IF(RC.GT.0) THEN WTM04570
        MESSAG(1) = '*** Error(s) reading supply elasticities' WTM04580
        CALL MESSA1(MESSAG,1,.TRUE.,DUMMY) WTM04590
        GO TO 555 WTM04600
    ENDIF WTM04610
    MESTXT = ' '
*
*                                *** read demand elasticities WTM04620
MESSAG(1) = '... reading demand elasticities' WTM04630
CALL MESSA1(MESSAG,1,.FALSE.,DUMMY) WTM04640
DO 56 IREG= 1,NREG-1 WTM04650
    KEY(IREG) =REGION(IREG)//'00'//'&&'//'00'//'00'//TYPELD//'T' WTM04660
56    CONTINUE WTM04670
    CALL DATINE('T') WTM04680
    CALL DATIN3(XEPSD,'CLT',NPRO,NPRO,MAXREG, WTM04690
>                      NPRO,NPRO,NREG-1, WTM04700
>                      TPRO,TPRO,KEY, WTM04710
>                      EPSFL2,LOGOUT,0,0.,RC) WTM04720
    IF(RC.GT.0) THEN WTM04730
        MESSAG(1) = '*** Error(s) reading demand elasticities' WTM04740
        CALL MESSA1(MESSAG,1,.TRUE.,DUMMY) WTM04750
        GO TO 555 WTM04760
    ENDIF WTM04770

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COMPUTER PROGRAM - MAIN MODEL

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ENDIF
MESTXT = ' '
*** read input coefficients
MESSAG(1) = '... reading input coefficients'
CALL MESSA1(MESSAG,1,.FALSE.,DUMMY)
DO 114 IREG= 1,NREG-1
KEY(IREG)=REGION(IREG)//'00'//'.'//'.//'00'//TYPCOE//''T'
114 CONTINUE
CALL DATINE('L')
CALL DATIN4(XCOEB,'CDLT',NCOE,NPRO,1,MAXREG,
> NCOE,NPRO,1,NREG-1,
> TCOE,TPRO,'NN00',KEY,
> COEFIL,LOGOUT,0,0.,RC)
IF(RC.GT.0) THEN
MESSAG(1) = '*** Error(s) reading input coefficients'
CALL MESSA1(MESSAG,1,.TRUE.,DUMMY)
GO TO 555
ENDIF
MESTXT = ' '
*** OPTIONAL FEATURES
*** scaling of exogenous stocks
DO 123 IREG = 1,NREG-1
DO 123 B = 1,NPRO
XPOL(STEX,B,IREG) = XPOL(STEX,B,IREG) * 1000
123 CONTINUE
*** set exogenous stocks to zero
DO 120 IREG = 1,NREG-1
DO 120 B = 1,NPRO
XPOL(STEX,B,IREG) = 0.
120 CONTINUE
*** set supply and demand stock
*** elasticities to zero
DO 122 IREG = 1,NREG-1
DO 122 IPRO = 1,NPRO
DO 122 B = SIGS,SIGD
XCOEB(B,IPRO,IREG) = 0.
122 CONTINUE
*** read scenario coefficients
YEAR = YEARS(IYEAR)
MESSAG(1) = '... reading scenario coefficients'
CALL MESSA1(MESSAG,1,.FALSE.,DUMMY)
DO 111 IREG= 1,NREG-1
KEY(IREG)=REGION(IREG)//'00'//'.'//'.//'00'//TYPSCe//''T'
111 CONTINUE
CALL DATINE('L')
CALL DATIN4(XSCE,'CDLT',NSCE,NPRO,1,MAXREG,
> NSCE,NPRO,1,NREG-1,
> TSCE,TPRO,YEAR//'00',KEY,
> SCEFIL,LOGOUT,0,0.,RC)
IF(RC.GT.0) THEN
MESSAG(1) = '*** Error(s) reading scenario coefficients'
CALL MESSA1(MESSAG,1,.TRUE.,DUMMY)
GO TO 555
ENDIF
MESTXT = ' '
***** MODEL SPECIFICATION *****
MESSAG(1) = 'Model Specification...'
CALL MESSA1(MESSAG,1,.FALSE.,DUMMY)

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COMPUTER PROGRAM - MAIN MODEL

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*
*----- trend production and consumption, stock calculation ----- WTM05810
*----- WTM05820
*----- WTM05830
*----- WTM05840
*----- Change of Stocks in Base Year ----- WTM05850
*----- WTM05860
*
IF (IYEAR.EQ.1) THEN WTM05870
DO 1010 B1 = 1,NPROS WTM05880
B = PROSEL(B1) WTM05890
XWGHTT = 0. WTM05900
XDIFF = 0. WTM05910
XBETA = 1. WTM05920
XTRADE(PSTOP,IREGW,B) = 0. WTM05930
DO 1020 IREG = 1,NREG-1 WTM05940
*
          WORLD NET RADE WTM05950
          XDIFF = XDIFF + XTRADE(PPROP,IREG,B) WTM05960
      > - XTRADE(PDEMP,IREG,B) - XTRADE(PSTOP,IREG,B) WTM05970
          XWGHTT = XWGHTT + ABS(XTRADE(PSTOP,IREG,B)) WTM05980
1020    CONTINUE WTM05990
IF (XWGHTT.GT.XBETA) THEN WTM06000
DO 1030 IREG = 1,NREG-1 WTM06010
*
          XTRADE(PSTOP,IREG,B) = XTRADE(PSTOP,IREG,B) WTM06030
      > + ABS(XTRADE(PSTOP,IREG,B)) * XDIFF/XWGHTT WTM06040
*
1030    CONTINUE WTM06050
ENDIF WTM06060
1010    CONTINUE WTM06070
ENDIF WTM06080
*
*----- trend production and consumption ----- WTM06110
*----- WTM06120
DO 113 IREG = 1,NREG-1 WTM06130
DO 300 B1 = 1,NPROS WTM06140
B = PROSEL(B1) WTM06150
IF (TRSHFT.EQ.'YES') THEN WTM06160
*
*
*
*** FIRST YEAR WTM06170
IF(IYEAR.EQ.1) THEN WTM06180
*
*** SUPPLY TREND WTM06950
*
IF(XSCE(SHIP,B,IREG).NE.1.) THEN WTM06960
      XPROPT(IREG,B1)=XTRADE(PPROP,IREG,B) *
      > (XSCE(SHIP,B,IREG) ** 3) WTM06970
ELSE
      IF(XTRCOE(TYPS,B,IREG).EQ.1.) THEN WTM06980
          XPROPT(IREG,B1)=XTRADE(PPROP,IREG,B) *
          > XSCE(SHIP,B,IREG) * WTM06990
          > (XTRCOE(TRENS,B,IREG) ** 3) WTM07000
      ELSE IF(XTRCOE(TYPS,B,IREG).EQ.2.) THEN WTM07010
          XPROPT(IREG,B1)=XTRADE(PPROP,IREG,B) *
          > XSCE(SHIP,B,IREG) + WTM07020
          > (XTRCOE(TRENSL,B,IREG) * 3) WTM07030
      ELSE IF(XTRCOE(TYPS,B,IREG).EQ.3.) THEN WTM07040
          XPROPT(IREG,B1)=(XTRADE(PPROP,IREG,B) *
          > XSCE(SHIP,B,IREG) + WTM07050
          > (XTRCOE(TRENSL,B,IREG) * 3)) + WTM07060
          > ((XTRADE(PPROP,IREG,B) *
          > XSCE(SHIP,B,IREG) + WTM07070
          > (XTRCOE(TRENSL,B,IREG) * 3)) - WTM07080
          > (XTRADE(PPROP,IREG,B) *
          > XSCE(SHIP,B,IREG) * WTM07090
          > (XTRCOE(TRENSL,B,IREG) ** 3))) WTM07100
ENDIF WTM07110
      > WTM07120
      > WTM07130
      > WTM07140
      > WTM07150
      > WTM07160
      > WTM07170
      > WTM07180
      > WTM07190

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COMPUTER PROGRAM - MAIN MODEL

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        ENDIF                                         WTM07200
*
*
*
*                                              *** DEMAND TREND
IF(XSCE(SHID,B,IREG).NE.1.) THEN          WTM07210
    XDEMP(IREG,B1)=XTRADE(PDEMP,IREG,B) *
    (XSCE(SHID,B,IREG)**3)                  WTM07220
> ELSE                                     WTM07230
    IF(XTRCOE(TYPD,B,IREG).EQ.1.) THEN      WTM07240
        XDEMP(IREG,B1)=XTRADE(PDEMP,IREG,B) *
        (XSCE(SHID,B,IREG)**3)                WTM07250
> ELSE                                     WTM07260
    IF(XTRCOE(TYPD,B,IREG).EQ.1.) THEN      WTM07270
        XDEMP(IREG,B1)=XTRADE(PDEMP,IREG,B) *
        XSCE(SHID,B,IREG) *                  WTM07280
> ELSE IF(XTRCOE(TRENDL,B,IREG).EQ.3.) THEN WTM07290
    XDEMP(IREG,B1)=XTRADE(PDEMP,IREG,B) *
    XSCE(SHID,B,IREG) +                   WTM07300
> ELSE IF(XTRCOE(TRENDL,B,IREG).EQ.2.) THEN WTM07310
    XDEMP(IREG,B1)=XTRADE(PDEMP,IREG,B) *
    XSCE(SHID,B,IREG) +                   WTM07320
> ELSE IF(XTRCOE(TRENDL,B,IREG).EQ.3.) THEN WTM07330
    XDEMP(IREG,B1)=(XTRADE(PDEMP,IREG,B) *
    XSCE(SHID,B,IREG) +                   WTM07340
> ELSE IF(XTRCOE(TRENDL,B,IREG).EQ.2.) THEN WTM07350
    XDEMP(IREG,B1)=(XTRADE(PDEMP,IREG,B) *
    XSCE(SHID,B,IREG) +                   WTM07360
> ELSE IF(XTRCOE(TRENDL,B,IREG).EQ.3.) THEN WTM07370
    XDEMP(IREG,B1)=(XTRADE(PDEMP,IREG,B) *
    XSCE(SHID,B,IREG) +                   WTM07380
> ELSE IF(XTRCOE(TRENDL,B,IREG).EQ.2.) THEN WTM07390
    XDEMP(IREG,B1)=(XTRADE(PDEMP,IREG,B) *
    XSCE(SHID,B,IREG) +                   WTM07400
> ELSE IF(XTRCOE(TRENDL,B,IREG).EQ.3.) THEN WTM07410
    XDEMP(IREG,B1)=(XTRADE(PDEMP,IREG,B) *
    XSCE(SHID,B,IREG) *                  WTM07420
> ELSE IF(XTRCOE(TRENDL,B,IREG).EQ.2.) THEN WTM07430
    XDEMP(IREG,B1)=(XTRADE(PDEMP,IREG,B) *
    XSCE(SHID,B,IREG) ** 3))            WTM07440
> ELSE IF(XTRCOE(TRENDL,B,IREG).EQ.3.) THEN WTM07450
    XDEMP(IREG,B1)=(XTRADE(PDEMP,IREG,B) *
    XSCE(SHID,B,IREG) ** 3))            WTM07460
ENDIF
ENDIF

*
*
*                                              *** ALL OTHER YEARS
ELSE                                         WTM07470
*
*                                              *** SUPPLY TREND
IF(XTRCOE(TYPS,B,IREG).EQ.1.) THEN          WTM07480
    XPROPT(IREG,B1)=XTRADE(PPROP,IREG,B) *
    XSCE(SHIP,B,IREG) *                  WTM07490
> ELSE IF(XTRCOE(TRENS,B,IREG).EQ.2.) THEN WTM07500
    XPROPT(IREG,B1)=XTRADE(PPROP,IREG,B) *
    XSCE(SHIP,B,IREG) +                   WTM07510
> ELSE IF(XTRCOE(TRENS,B,IREG).EQ.3.) THEN WTM07520
    XPROPT(IREG,B1)=XTRADE(PPROP,IREG,B) *
    XSCE(SHIP,B,IREG) +                   WTM07530
> ELSE IF(XTRCOE(TYPS,B,IREG).EQ.2.) THEN WTM07540
    XPROPT(IREG,B1)=XTRADE(PPROP,IREG,B) *
    XSCE(SHIP,B,IREG) +                   WTM07550
> ELSE IF(XTRCOE(TYPS,B,IREG).EQ.3.) THEN WTM07560
    XPROPT(IREG,B1)=(XTRADE(PPROP,IREG,B) *
    XSCE(SHIP,B,IREG) +                   WTM07570
> ELSE IF(XTRCOE(TRENS,B,IREG).EQ.2.) THEN WTM07580
    XPROPT(IREG,B1)=(XTRADE(PPROP,IREG,B) *
    XSCE(SHIP,B,IREG) +                   WTM07590
> ELSE IF(XTRCOE(TRENS,B,IREG).EQ.3.) THEN WTM07600
    XPROPT(IREG,B1)=(XTRADE(PPROP,IREG,B) *
    XSCE(SHIP,B,IREG) +                   WTM07610
> ELSE IF(XTRCOE(TRENS,B,IREG).EQ.2.) THEN WTM07620
    XPROPT(IREG,B1)=(XTRADE(PPROP,IREG,B) *
    XSCE(SHIP,B,IREG) +                   WTM07630
> ELSE IF(XTRCOE(TRENS,B,IREG).EQ.3.) THEN WTM07640
    XPROPT(IREG,B1)=(XTRADE(PPROP,IREG,B) *
    XSCE(SHIP,B,IREG) *                  WTM07650
> ELSE IF(XTRCOE(TRENS,B,IREG).EQ.2.) THEN WTM07660
    XPROPT(IREG,B1)=(XTRADE(PPROP,IREG,B) *
    XSCE(SHIP,B,IREG) ** 5))            WTM07670
> ELSE IF(XTRCOE(TRENS,B,IREG).EQ.3.) THEN WTM07680
    XPROPT(IREG,B1)=(XTRADE(PPROP,IREG,B) *
    XSCE(SHIP,B,IREG) ** 5))            WTM07690
ENDIF

*
*                                              *** DEMAND TREND
IF(XTRCOE(TYPD,B,IREG).EQ.1.) THEN          WTM07700
    XDEMP(IREG,B1)=XTRADE(PDEMP,IREG,B) *
    XSCE(SHID,B,IREG) *                  WTM07710
> ELSE IF(XTRCOE(TRENDL,B,IREG).EQ.5.) THEN WTM07720
    XDEMP(IREG,B1)=XTRADE(PDEMP,IREG,B) *
    XSCE(SHID,B,IREG) +                   WTM07730
> ELSE IF(XTRCOE(TYPD,B,IREG).EQ.2.) THEN WTM07740
    XDEMP(IREG,B1)=XTRADE(PDEMP,IREG,B) *
    XSCE(SHID,B,IREG) +                   WTM07750
> ELSE IF(XTRCOE(TRENDL,B,IREG).EQ.5.) THEN WTM07760
    XDEMP(IREG,B1)=XTRADE(PDEMP,IREG,B) *
    XSCE(SHID,B,IREG) +                   WTM07770
> ELSE IF(XTRCOE(TYPD,B,IREG).EQ.3.) THEN WTM07780
    XDEMP(IREG,B1)=(XTRADE(PDEMP,IREG,B) *
    XSCE(SHID,B,IREG) +                   WTM07790
> ELSE IF(XTRCOE(TRENDL,B,IREG).EQ.5.) THEN WTM07800
    XDEMP(IREG,B1)=(XTRADE(PDEMP,IREG,B) *
    XSCE(SHID,B,IREG) +                   WTM07810
> ELSE IF(XTRCOE(TRENDL,B,IREG).EQ.5.) THEN WTM07820
    XDEMP(IREG,B1)=(XTRADE(PDEMP,IREG,B) *
    XSCE(SHID,B,IREG) +                   WTM07830
> ELSE IF(XTRCOE(TRENDL,B,IREG).EQ.5.) THEN WTM07840
    XDEMP(IREG,B1)=(XTRADE(PDEMP,IREG,B) *
    XSCE(SHID,B,IREG) ** 5))            WTM07840

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COMPUTER PROGRAM - MAIN MODEL

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>          (XTRADE(PDEMP,IREG,B) *           WTM07850
>          XSCE(SHID,B,IREG) *           WTM07860
>          (XTRCOE(TREND,B,IREG) ** 5)))   WTM07870
ENDIF
ENDIF

*
* *** NO TREND
ELSE
  XPROPT(IREG,B1)=XTRADE(PPROP,IREG,B)
  * XSCE(SHIP,B,IREG) * 1.
  XDEMPT(IREG,B1)=XTRADE(PDEMP,IREG,B)
  * XSCE(SHID,B,IREG) * 1.
ENDIF
300    CONTINUE
113    CONTINUE
*
*
*----- Policy Specification -----
*
DO 63 IREG = 1,NREG-1
DO 64 B1 = 1,NPROS
  B = PROSEL(B1)
*
* calculation of tariff equivalent
IF(XPOL(VTAR,B,IREG).EQ.0)THEN
  XPOL(VTAR,B,IREG) =
  XDIVI4(XPOL(MPS,B,IREG),(XTRADE(PUVPR,IREG,B)-
  >          XPOL(PSE,B,IREG)))
ELSE
  XPOL(VTAR,B,IREG) =
  XPOL(VTAR,B,IREG)
ENDIF
*
* *** PSE change
IF(PRPWCH.EQ.'YES') THEN
*
* *** Reduction of
*       total PSE/CSE
*
IF(XPOL(PSE,B,IREG).GT.0) THEN
  IF(XPOL(MPS,B,IREG).GT.0) THEN
    XPSE(IREG,B1)= (XSCE(PSES,B,IREG) *
    >          XPOL(PSE,B,IREG) -
    >          XSCE(MPSS,B,IREG) *
    >          XPOL(MPS,B,IREG))
    IF (XPSE(IREG,B1).GT.0) THEN
      XPSE(IREG,B1)= XPSE(IREG,B1)
    ELSE
      XPSE(IREG,B1)= 0.
    ENDIF
  ELSE
    XPSE(IREG,B1)= XSCE(PSES,B,IREG) *
    >          XPOL(PSE,B,IREG)
  ENDIF
ELSE
  XPSE(IREG,B1)= 0.
ENDIF
*
* *** Price Transmission Change
XCOEB(TAUS,B,IREG) =
  1. - ((1. - XCOEB(TAUS,B,IREG)) -
  >          XSCE(TRSS,B,IREG) *
  >          (1. - XCOEB(TAUS,B,IREG)))
IF(XCOEB(TAUS,B,IREG).GE.1) THEN
  XCOEB(TAUS,B,IREG) = 1.
ELSE
  XCOEB(TAUS,B,IREG) =

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COMPUTER PROGRAM - MAIN MODEL

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>           XCOEB(TAUS,B,IREG)          WTM08740
ENDIF          WTM08750
*
*           ELSE                      WTM08760
*           XPSE(IREG,B1) = 0.          WTM08770
ENDIF          WTM08780
*
*           ***** CSE Change        WTM08810
*
*           IF(CSPWCH.EQ.'YES') THEN   WTM08820
*           *** reduction of       WTM08830
*           total PSE/CSE          WTM08840
*
*           IF(XPOL(CSE,B,IREG).LT.0) THEN   WTM08940
*           IF(XPOL(MPS,B,IREG).GT.0) THEN   WTM08950
*               XCSE(IREG,B1)= (XSCE(CSES,B,IREG) *
*                           XPOL(CSE,B,IREG) +
*                           XSCE(MPSS,B,IREG) *
*                           XPOL(MPS,B,IREG))      WTM08960
*>           IF (XCSE(IREG,B1).LT.0) THEN   WTM08970
*>               XCSE(IREG,B1)= XCSE(IREG,B1)      WTM08980
*>           ELSE                      WTM08990
*               XCSE(IREG,B1)= 0.          WTM09000
*               ENDIF                    WTM09010
*               ELSE                      WTM09020
*                   XCSE(IREG,B1)= 0.      WTM09030
*               ENDIF                    WTM09040
*               ELSE                      WTM09050
*                   XCSE(IREG,B1)= XSCE(CSES,B,IREG) *
*                               XPOL(CSE,B,IREG)      WTM09060
*>               ENDIF                    WTM09070
*               ELSE                      WTM09080
*                   XCSE(IREG,B1)= 0.      WTM09090
*               ENDIF                    WTM09100
*               WTM09110
*               WTM09120
*               WTM09260
*               *** Price Transmission change   WTM09270
*               WTM09280
*               XCOEB(TAUD,B,IREG) =         WTM09290
*>                   1. - ((1. - XCOEB(TAUD,B,IREG)) -
*                           XSCE(TRSD,B,IREG) *      WTM09300
*>                   (1. - XCOEB(TAUD,B,IREG)))      WTM09310
*               IF(XCOEB(TAUD,B,IREG).GE.1) THEN   WTM09320
*                   XCOEB(TAUD,B,IREG) = 1.      WTM09330
*               ELSE                      WTM09340
*                   XCOEB(TAUD,B,IREG) =         WTM09350
*>                   XCOEB(TAUD,B,IREG)      WTM09360
*               ENDIF                    WTM09370
*               ELSE                      WTM09380
*                   XCSE(IREG,B1) = 0.      WTM09390
*               ENDIF                    WTM09400
*               *** tariff change          WTM09430
*               WTM09440
*               IF(PRPWCH.EQ.'YES'.AND.CSPWCH.EQ.'YES') THEN   WTM09450
*               IF(XPOL(VTAR,B,IREG).GT.0) THEN   WTM09460
*                   XMPsu(IREG,B1) = XPOL(VTAR,B,IREG)*XSCE(MPSS,B,IREG) WTM09470
*                   XPOL(VTAR,B,IREG) = XPOL(VTAR,B,IREG) - XMPsu(IREG,B1) WTM09480
*                   XPOL(MPS,B,IREG) = XPOL(MPS,B,IREG) -             WTM09490
*>                   XPOL(MPS,B,IREG)*XSCE(MPSS,B,IREG)      WTM09500
*               IF(IYEAR.GT.1) THEN          WTM09510
*                   XCOEB(TAUS,B,IREG) = 1.      WTM09520
*                   XCOEB(TAUD,B,IREG) = 1.      WTM09530
*               ENDIF                    WTM09540
*               ELSE                      WTM09550
*                   XMPsu(IREG,B1) = 0.      WTM09560
*               ENDIF                    WTM09570
*               WTM09580
*               WTM09590
*               *** price insulation       WTM09600

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COMPUTER PROGRAM - MAIN MODEL

```

        XPOL(PIND,B,IREG)=XDIVI4(XCSE(IREG,B1),                               WTM09610
        >                                XTRADE(PUVCO,IREG,B)) +                         WTM09620
        *
        >                                XDIVI4((XTRADE(PUVPR,IREG,B) -          WTM09630
        >                                XPOL(PSE,B,IREG)) *                         WTM09640
        >                                (-XMPsu(IREG,B1)),                         WTM09650
        >                                XTRADE(PUVCO,IREG,B))                         WTM09660
        *
        XPOL(PINS,B,IREG)=XDIVI4(-XPSE(IREG,B1),                               WTM09670
        >                                XTRADE(PUVPR,IREG,B)) +                         WTM09680
        *
        >                                XDIVI4((XTRADE(PUVPR,IREG,B) -          WTM09690
        >                                XPOL(PSE,B,IREG)) *                         WTM09700
        >                                (-XMPsu(IREG,B1)),                         WTM09710
        >                                XTRADE(PUVPR,IREG,B))                         WTM09720
        XPOL(TRPR,B,IREG)= (XTRADE(PUVPR,IREG,B) -                           WTM09730
        >                                XPOL(PSE,B,IREG)) * (1. + XPOL(VTAR,B,IREG)) WTM09740
        *
        64      CONTINUE                                         WTM09750
        63      CONTINUE                                         WTM09760
        *
        **** MODEL SOLUTION                                         WTM09770
        **** **** **** **** **** **** **** **** **** **** **** **** WTM09780
        *
        * ----- get time & date, log ----- WTM09790
        *
        MESSAG(1) = 'Model Solution...'                                WTM09800
        CALL MESSA1(MESSAG,1,.FALSE.,DUMMY)                            WTM09810
        CALL TIME(TIME8,DATE8)                                         WTM09820
        MESSAG(1) = '... Start solving procedure at '//TIME8       WTM09830
        CALL MESSA1(MESSAG,1,.FALSE.,DUMMY)                            WTM09840
        *
        * ----- generation of new equilibrium solution ----- WTM09850
        *
        *
        *** exact unconstrained solution WTM09860
        K = NPROS+1                                                 WTM09870
        M = NPROS                                                 WTM09880
        *
        CALL WTMXC(NREG-1,KDIM,MDIM,K,M,IEV2,                      WTM09890
        >      XPROPT,XDEMPT,                                     WTM09900
        >      XDP1,XSUM,XB1,XB2,                                     WTM09910
        >      RC)                                              WTM09920
        *
        IF(RC.GT.0) THEN                                         WTM09930
            MESSAG(1) = '*** Error, can''t solve the problem,'   WTM09940
            MESSAG(2) = '                                see protocol file, exit' WTM09950
            CALL MESSA1(MESSAG,2,.TRUE.,DUMMY)                     WTM09960
            GO TO 555                                           WTM09970
        ENDIF
        *
        * ----- get date & time, log ----- WTM10010
        *
        CALL TIME(TIME8,DATE8)                                         WTM10020
        MESSAG(1) = '... End solving procedure at    '//TIME8     WTM10030
        CALL MESSA1(MESSAG,1,.FALSE.,DUMMY)                            WTM10040
        *
        **** PREPARE AND PRINT RESULTS                           WTM10050
        **** **** **** **** **** **** **** **** **** **** **** **** WTM10060
        *
        *----- Print world market price changes ----- WTM10070
        *
        WRITE(PRNUOT,'(/2X,A)') 'Price changes:'                  WTM10080
        WRITE(PRNUOT,'(/2X,4A)')                                WTM10090

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COMPUTER PROGRAM - MAIN MODEL

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        >      'PERIOD: ', YEARS(IYEAR), ' - ', YEARS(IYEAR+1)          WTM10290
*
        DO 404 B1 = 1,NPROS                                         WTM10300
          B = PROSEL(B1)                                         WTM10320
*
          WRITE(PRNOUT,'(1X,2A,F20.2,A)')
        >      TPRO(B), ' = ', XDP1(IEV2,B1)*100., '%'
        404 CONTINUE                                              WTM10470
*
*----- prepare simulation results                               WTM10490
*----- WTM10500
*----- WTM10510
*----- WTM10520
*
MESSAG(1) = 'Process Simulation Results...'                  WTM10530
CALL MESSA1(MESSAG,1,.FALSE.,DUMMY)                         WTM10540
*
*----- PROCESS RESULTS FOR FIRST YEAR -----                  WTM10560
*
IF(IYEAR.EQ.1)THEN                                         WTM10570
*
DO 800 C1 = 1,NPROP                                         WTM10580
DO 800 L = 1,NELEM                                         WTM10590
  XSIM(L,IYEAR,IROW,C1)= 0.                                 WTM10600
800  CONTINUE                                              WTM10610
*
          *** INDIVIDUAL REGIONS,                                WTM10620
          *** ROW, WOR                                         WTM10630
DO 910 IREG = 1,NREG-1                                     WTM10640
*
SELROW = 1                                                 WTM10650
DO 911 IREGP = 1,NREGP                                     WTM10660
  IF (REGIOP(IREGP).EQ.REGION(IREG)) THEN
    SELROW = 0                                             WTM10670
    GOTO 912
  ENDIF
911  CONTINUE                                              WTM10680
912  CONTINUE                                              WTM10690
*
DO 920 B1 = 1,NPROS                                         WTM10700
  B = PROSEL(B1)                                         WTM10710
*
SELPRO = 0                                                 WTM10720
DO 921 C1 = 1,NPROP                                         WTM10730
  IF (PRODUP(C1).EQ.TPRO(B)) THEN
    SELPRO = 1                                             WTM10740
    GOTO 922
  ENDIF
921  CONTINUE                                              WTM10750
922  CONTINUE                                              WTM10760
*
IF (SELPRO.EQ.1) THEN                                       WTM10770
*
          *** ROW                                         WTM10780
IF (SELROW.EQ.1) THEN                                     WTM10790
*
DO 923 L = 1,NELEM-4                                     WTM10800
  XSIM(L,IYEAR,IROW,C1)=
    XSIM(L,IYEAR,IROW,C1) +
    XTRADE(L,IREG,B)                                     WTM10810
*
923  CONTINUE                                              WTM10820
*
XSIM(PUVEX,IYEAR,IROW,C1)=
  XSIM(PUVEX,IYEAR,IROW,C1) +
  XTRADE(PUVEX,IREG,B)*XTRADE(PPEXP,IREG,B)           WTM10830
*
XSIM(PUVIM,IYEAR,IROW,C1)=
  XSIM(PUVIM,IYEAR,IROW,C1) +
  XTRADE(PUVIM,IREG,B)*XTRADE(PPIMP,IREG,B)           WTM10840
*
XSIM(PUVPR,IYEAR,IROW,C1)=
  XSIM(PUVPR,IYEAR,IROW,C1) +
  XTRADE(PUVPR,IREG,B) * XTRADE(PPROP,IREG,B)          WTM10850
*
XSIM(PUVCO,IYEAR,IROW,C1)=                                WTM10860

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COMPUTER PROGRAM - MAIN MODEL

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>           XSIM(PUVCO,IYEAR,IROW,C1) +          WTM11130
>           XTRADE(PUVCO,IREG,B) * XTRADE(PDEMP,IREG,B)   WTM11140
*
*           ELSE                                         WTM11150
*           *** all other regions                   WTM11160
*           DO 924 L = 1,NELEM                      WTM11170
*                 XSIM(L,IYEAR,IREGP,C1)=            WTM11180
*                 XTRADE(L,IREG,B)                  WTM11190
*           >           CONTINUE                     WTM11200
924
*           ENDIF                                     WTM11210
*           ENDIF                                     WTM11220
*           CONTINUE                     WTM11230
920
*           CONTINUE                     WTM11240
910
*           CONTINUE                     WTM11250
*           *** ROW                         WTM11260
*           DO 930 C1 = 1,NPROP                WTM11270
*                 XSIM(PUVEX,IYEAR,IROW,C1)=        WTM11280
*                 XSIM(PUVEX,IYEAR,IROW,C1)/XSIM(PPEXP,IYEAR,IROW,C1)  WTM11290
*                 XSIM(PUVIM,IYEAR,IROW,C1)=        WTM11300
*                 XSIM(PUVIM,IYEAR,IROW,C1)/XSIM(PPIMP,IYEAR,IROW,C1)  WTM11310
*                 XSIM(PUVPR,IYEAR,IROW,C1)=        WTM11320
*                 XSIM(PUVPR,IYEAR,IROW,C1)/XSIM(PPROP,IYEAR,IROW,C1)  WTM11330
*                 XSIM(PUVCO,IYEAR,IROW,C1)=        WTM11340
*                 XSIM(PUVCO,IYEAR,IROW,C1)/XSIM(PDEMP,IYEAR,IROW,C1)  WTM11350
930
*           CONTINUE                     WTM11360
*           *** WOR                         WTM11370
*           DO 931 B1 = 1,NPROS               WTM11380
*                 B = PROSEL(B1)
*
*                 SELPRO = 0                  WTM11390
*                 DO 932 C1 = 1,NPROP             WTM11400
*                   IF (PRODUP(C1).EQ.TPRO(B)) THEN    WTM11410
*                     SELPRO = 1                  WTM11420
*                     GOTO 933                  WTM11430
*                 ENDIF                      WTM11440
932
*           CONTINUE                     WTM11450
933
*           CONTINUE                     WTM11460
*           IF (SELPROM.EQ.1) THEN          WTM11470
*             DO 934 L = 1,NELEM          WTM11480
*               XSIM(L,IYEAR,IREGW,C1)=      WTM11490
*               XTRADE(L,NREG,B)          WTM11500
*             >           CONTINUE         WTM11510
934
*             ENDIF                      WTM11520
*           CONTINUE                     WTM11530
*           ENDIF                      WTM11540
*           CONTINUE                     WTM11550
*           ENDIF                      WTM11560
*           CONTINUE                     WTM11570
*           CONTINUE                     WTM11580
931
*           CONTINUE                     WTM11590
*
*           *** AGGREGATES              WTM11600
*
*           DO 980 IAGGP = 1,NAGGP        WTM11610
*
*             DO 988 C1 = 1,NPROP          WTM11620
*             DO 988 L = 1,NELEM          WTM11630
*               XAGG(L,IYEAR,IAGGP,C1) = 0.  WTM11640
988
*             CONTINUE                     WTM11650
*
*             DO 981 B1 = 1,NPROS          WTM11660
*               B = PROSEL(B1)
*
*               SELPRO = 0                  WTM11670
*               DO 982 C1 = 1,NPROP          WTM11680
*                 IF (PRODUP(C1).EQ.TPRO(B)) THEN    WTM11690
*                   SELPRO = 1                  WTM11700
*                   GOTO 983                  WTM11710
*                 ENDIF                      WTM11720
*               CONTINUE                     WTM11730
*               SELPRO = 0                  WTM11740
*               DO 982 C1 = 1,NPROP          WTM11750
*                 IF (PRODUP(C1).EQ.TPRO(B)) THEN    WTM11760
*                   SELPRO = 1                  WTM11770
*                   GOTO 983                  WTM11780
*                 ENDIF                      WTM11790
*               CONTINUE                     WTM11800
982

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COMPUTER PROGRAM - MAIN MODEL

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983      CONTINUE                               WTM11810
*
*           IF (SELPROM.EQ.1) THEN               WTM11820
*               DO 984 IAGG = 1,MAXAGG             WTM11830
*
*               IF (AGGREG(IAGG).EQ.AGGREP(IAGGP)) THEN   WTM11840
*                   DO 985 A = IAGG+1,MAXAGG           WTM11850
*                       IF (AGGREG(A).EQ.'==') THEN       WTM11860
*                           GOTO 986                  WTM11870
*                       ELSE                      WTM11880
*                           A1 = IFINDC(AGGREG(A),TREG,NREG,1)   WTM11890
*                           DO 987 L = 1,NELEM-4            WTM11900
*                               XAGG(L,IYEAR,IAGGP,C1) =        WTM11910
*                                   XAGG(L,IYEAR,IAGGP,C1) +      WTM11920
*                                       XTRADE(L,A1,B)                 WTM11930
*                               CONTINUE                  WTM11940
*                               XAGG(PUVEX,IYEAR,IAGGP,C1)=      WTM11950
*                                   XAGG(PUVEX,IYEAR,IAGGP,C1) +      WTM11960
*                                       XTRADE(PUVEX,A1,B) *          WTM11970
*                                       XTRADE(PPEXP,A1,B)           WTM11980
*                               XAGG(PUVIM,IYEAR,IAGGP,C1)=      WTM11990
*                                   XAGG(PUVIM,IYEAR,IAGGP,C1) +      WTM12000
*                                       XTRADE(PUVIM,A1,B) *          WTM12010
*                                       XTRADE(PPIMP,A1,B)           WTM12020
*                               XAGG(PUVPR,IYEAR,IAGGP,C1)=      WTM12030
*                                   XAGG(PUVPR,IYEAR,IAGGP,C1) +      WTM12040
*                                       XTRADE(PUVPR,A1,B) *          WTM12050
*                                       XTRADE(PPROP,A1,B)           WTM12060
*                               XAGG(PUVCO,IYEAR,IAGGP,C1)=      WTM12070
*                                   XAGG(PUVCO,IYEAR,IAGGP,C1) +      WTM12080
*                                       XTRADE(PUVCO,A1,B) *          WTM12090
*                                       XTRADE(PDEMP,A1,B)           WTM12100
*
*                               ENDIF                     WTM12110
985      CONTINUE                  WTM12120
*
*           ENDIF                     WTM12130
985      CONTINUE                  WTM12140
*
*           ENDIF                     WTM12150
*
*           CONTINUE                  WTM12160
984      CONTINUE                  WTM12170
986      CONTINUE                  WTM12180
*
*           XAGG(PUVEX,IYEAR,IAGGP,C1)=      WTM12190
*               XDIVI4(XAGG(PUVEX,IYEAR,IAGGP,C1),      WTM12200
*                           XAGG(PPEXP,IYEAR,IAGGP,C1))      WTM12210
*           XAGG(PUVIM,IYEAR,IAGGP,C1)=      WTM12220
*               XDIVI4(XAGG(PUVIM,IYEAR,IAGGP,C1),      WTM12230
*                           XAGG(PPIMP,IYEAR,IAGGP,C1))      WTM12240
*
*               *** replace missing unit values      WTM12250
*           IF (XAGG(PUVEX,IYEAR,IAGGP,B).EQ.0) THEN    WTM12260
*               XAGG(PUVEX,IYEAR,IAGGP,B) =      WTM12270
*                   XSIM(PUVEX,IYEAR,IREGW,B)        WTM12280
*           ENDIF                     WTM12290
*           IF (XAGG(PUVIM,IYEAR,IAGGP,B).EQ.0) THEN    WTM12300
*               XAGG(PUVIM,IYEAR,IAGGP,B) =      WTM12310
*                   XSIM(PUVIM,IYEAR,IREGW,B)        WTM12320
*           ENDIF                     WTM12330
*
*           XAGG(PUVPR,IYEAR,IAGGP,C1)=      WTM12340
*               XDIVI4(XAGG(PUVPR,IYEAR,IAGGP,C1),      WTM12350
*                           XAGG(PPROP,IYEAR,IAGGP,C1))      WTM12360
*           XAGG(PUVCO,IYEAR,IAGGP,C1)=      WTM12370
*               XDIVI4(XAGG(PUVCO,IYEAR,IAGGP,C1),      WTM12380
*                           XAGG(PDEMP,IYEAR,IAGGP,C1))      WTM12390
*
*           ENDIF                     WTM12400
981      CONTINUE                  WTM12410
980      CONTINUE                  WTM12420
*
*           ENDIF                     WTM12430
*
*           ----- all other years -----      WTM12440
*
*           ENDIF                     WTM12450
*
*           ----- all other years -----      WTM12460
*
*           ----- all other years -----      WTM12470
*
*           ----- all other years -----      WTM12480

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COMPUTER PROGRAM - MAIN MODEL

```

*           *** reset arrays                               WTM12490
DO 940 C1 = 1,NPROP                                WTM12500
DO 940 L  = 1,NELEM                                WTM12510
   XSIM(L,IYEAR+1,IREGW,C1)= 0.                      WTM12520
   XSIM(L,IYEAR+1,IROW,C1)= 0.                        WTM12530
940    CONTINUE                                     WTM12540
*
*           DO 941 B1 = 1,NPROS                         WTM12550
DO 941 L  = 1,NELEM-4                            WTM12560
   B = PROSEL(B1)                                 WTM12570
   IF(L.NE.PSTOC) THEN                           WTM12580
      XTRADE(L,NREG,B)= 0.                         WTM12590
   ENDIF                                         WTM12600
941    CONTINUE                                     WTM12610
*
*           *** INDIVIDUAL REGIONS,                   WTM12620
*           *** WOR, ROW                                WTM12630
*
DO 950 IREG=1,NREG-1                            WTM12640
   SELROW = 1                                    WTM12650
DO 951 IREGP = 1,NREGP                          WTM12660
   IF (REGIOP(IREGP).EQ.REGION(IREG)) THEN       WTM12670
      SELROW = 0                                WTM12680
      GOTO 952                                WTM12690
   ENDIF                                         WTM12700
951    CONTINUE                                     WTM12710
952    CONTINUE                                     WTM12720
*
*           DO 960 B1 = 1,NPROS                         WTM12730
B = PROSEL(B1)                                 WTM12740
   SELPRO = 0                                WTM12750
DO 961 C1 = 1,NPROP                            WTM12760
   IF (PRODUP(C1).EQ.TPRO(B)) THEN             WTM12770
      SELPRO = 1                                WTM12780
      GOTO 962                                WTM12790
   ENDIF                                         WTM12800
961    CONTINUE                                     WTM12810
962    CONTINUE                                     WTM12820
*
*           DO 963 D1=1,NPROS                         WTM12830
D = PROSEL(D1)                                 WTM12840
*
*           *** compute new base year array (XTRADE)   WTM12850
*
*           DO 963 D1=1,NPROS                         WTM12860
D = PROSEL(D1)                                 WTM12870
*
*           *** Production                           WTM12880
XTRADE(PPROP,IREG,B)= XTRADE(PPROP,IREG,B) +   WTM12890
   XPROPT(IREG,B1) *                            WTM13000
   XEPSS(D,B,IREG) *                            WTM13010
   (XCOEB(TAUS,D,IREG)* XDP1(IEV2,D1)*        WTM13020
   XDIVI3(XPOL(TRPR,D,IREG),                  WTM13030
   XTRADE(PUVPR,IREG,D))                      WTM13040
   + XPOL(PINS,D,IREG))                      WTM13050
*
*           *** Demand                            WTM13060
XTRADE(PDEMP,IREG,B)= XTRADE(PDEMP,IREG,B) +   WTM13070
   XDEMPT(IREG,B1) *                            WTM13080
   XEPSD(D,B,IREG) *                            WTM13090
   (XCOEB(TAUD,D,IREG)* XDP1(IEV2,D1) *       WTM13100
   XDIVI3(XPOL(TRPR,D,IREG),                  WTM13110
   XTRADE(PUVCO,IREG,D))                      WTM13120
   + XPOL(PIND,D,IREG))                      WTM13130
*
*           DO 963 D1=1,NPROS                         WTM13140
D = PROSEL(D1)                                 WTM13150
*
*           *** Stocks                            WTM13160
XTRADE(PSTOP,IREG,B)= XPOL(STEX,B,IREG) +     WTM13170
*
*           DO 963 D1=1,NPROS                         WTM13180
D = PROSEL(D1)                                 WTM13190

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COMPUTER PROGRAM - MAIN MODEL

```

> XTRADE(PSTOC,IREG,B) * WTM13200
> (XCOEB(SIGS,B,IREG) * WTM13210
> (XDIVI4(XTRADE(PPROP,IREG,B) - WTM13220
> XWORK(PPROP), WTM13230
> XWORK(PPROP))) + WTM13240
> XCOEB(SIGD,B,IREG) * WTM13250
> (XDIVI4(XTRADE(PDEMP,IREG,B) - WTM13260
> XWORK(PDEMP), WTM13270
> XWORK(PDEMP))) + WTM13280
> XCOEB(SIGP,B,IREG) * XDP1(IEV2,B1)) WTM13290
*
* WTM13300
XTRADE(PSTOC,IREG,B)= XTRADE(PSTOC,IREG,B) + WTM13310
> XTRADE(PSTOP,IREG,B) WTM13320
* *** Trade WTM13330
XTRADE(PNETP,IREG,B)=XTRADE(PPROP,IREG,B)- WTM13340
> XTRADE(PDEMP,IREG,B)- WTM13350
> XTRADE(PSTOP,IREG,B) WTM13360
*
* WTM13370
IF(XTRADE(PNETP,IREG,B).GT.0) THEN WTM13380
XTRADE(PPEXP,IREG,B)=XTRADE(PNETP,IREG,B) WTM13390
ELSE WTM13400
XTRADE(PPEXP,IREG,B)=0. WTM13410
ENDIF WTM13420
IF(XTRADE(PNETP,IREG,B).LT.0) THEN WTM13430
XTRADE(PPIMP,IREG,B)= -(XTRADE(PNETP,IREG,B)) WTM13440
ELSE WTM13450
XTRADE(PPIMP,IREG,B)=0. WTM13460
ENDIF WTM13470
* *** Unit Values WTM13480
XTRADE(PUVEX,IREG,B) = XTRADE(PUVEX,IREG,B) * WTM13490
> (1.+XDP1(IEV2,B1)) WTM13500
*
* WTM13510
XTRADE(PUVIM,IREG,B) = XTRADE(PUVIM,IREG,B) * WTM13520
> (1.+XDP1(IEV2,B1)) WTM13530
*
* WTM13540
XTRADE(PUVPR,IREG,B) =
> XTRADE(PUVPR,IREG,B) + WTM13560
> XTRADE(PUVPR,IREG,B) * WTM13570
> (((XDIVI4(XPOL(TRPR,B,IREG),
> XTRADE(PUVPR,IREG,B)))) * WTM13580
> XCOEB(TAUS,B,IREG) * XDP1(IEV2,B1)) + WTM13590
> XPOL(PINS,B,IREG)) WTM13600
*
* WTM13620
XTRADE(PUVCO,IREG,B) =
> XTRADE(PUVCO,IREG,B) + WTM13640
> XTRADE(PUVCO,IREG,B) * WTM13650
> (((XDIVI4(XPOL(TRPR,B,IREG),
> XTRADE(PUVCO,IREG,B)))) * WTM13660
> XCOEB(TAUD,B,IREG) * XDP1(IEV2,B1)) + WTM13670
> XPOL(PIND,B,IREG)) WTM13680
*
* *** Policy Parameters WTM13700
IF (XPOL(PSE,B,IREG).GT.0) THEN WTM13710
XPOL(PSE,B,IREG) =
> XPOL(PSE,B,IREG) - WTM13720
> XPOL(PSE,B,IREG) * XSCE(PSES,B,IREG) WTM13730
ENDIF WTM13750
*
* WTM13760
IF (XPOL(CSE,B,IREG).LT.0) THEN WTM13770
XPOL(CSE,B,IREG) =
> XPOL(CSE,B,IREG) - WTM13780
> XPOL(CSE,B,IREG) * XSCE(CSES,B,IREG) WTM13790
ENDIF WTM13800
*
* *** WORLD WTM13810
DO 964 L = 1,NELEM-4 WTM13820
IF (L.NE.PSTOC) THEN WTM13830
XTRADE(L,NREG,B) = XTRADE(L,NREG,B) + WTM13840
> XTRADE(L,IREG,B) WTM13850
ENDIF WTM13860
WTM13870

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COMPUTER PROGRAM - MAIN MODEL

```

964      CONTINUE                               WTM13880
*
*          *** PRINT ARRAYS (XSIM)             WTM13890
*
*          IF (SELPRO.EQ.1) THEN                 WTM13900
*              *** XSIM ROW                   WTM13910
*                  IF (SELROW.EQ.1) THEN         WTM13920
*                      *** XSIM ROW           WTM13930
*                          DO 965 L = 1,NELEM-4   WTM13940
*                              XSIM(L,IYEAR+1,IROW,C1)= WTM13950
*                                  XSIM(L,IYEAR+1,IROW,C1) + WTM13960
*                                      XTRADE(L,IREG,B)           WTM13970
*
965      CONTINUE                               WTM13980
*          XSIM(PUVEX,IYEAR+1,IROW,C1)= WTM13990
*              XSIM(PUVEX,IYEAR+1,IROW,C1) + WTM14000
*                  XTRADE(PUVEX,IREG,B)*XTRADE(PPEXP,IREG,B) WTM14010
*          XSIM(PUVIM,IYEAR+1,IROW,C1)= WTM14020
*              XSIM(PUVIM,IYEAR+1,IROW,C1) + WTM14030
*                  XTRADE(PUVIM,IREG,B)*XTRADE(PPIMP,IREG,B) WTM14040
*          XSIM(PUVPR,IYEAR+1,IROW,C1)= WTM14050
*              XSIM(PUVPR,IYEAR+1,IROW,C1) + WTM14060
*                  XTRADE(PUVPR,IREG,B)*XTRADE(PPROP,IREG,B) WTM14070
*          XSIM(PUVCO,IYEAR+1,IROW,C1)= WTM14080
*              XSIM(PUVCO,IYEAR+1,IROW,C1) + WTM14090
*                  XTRADE(PUVCO,IREG,B)*XTRADE(PDEMP,IREG,B) WTM14100
*
*          *** individual regions            WTM14110
*          ELSE                                WTM14120
*
*          DO 966 L = 1,NELEM                 WTM14130
*              XSIM(L,IYEAR+1,IREGP,C1)= XTRADE(L,IREG,B) WTM14140
966      CONTINUE                               WTM14150
*
*          ENDIF                               WTM14160
*          ENDIF                               WTM14170
*          CONTINUE                           WTM14180
*          CONTINUE                           WTM14190
*          ENDIF                               WTM14200
*          ENDIF                               WTM14210
*
960      CONTINUE                               WTM14220
950      CONTINUE                               WTM14230
*
*          *** ROW                            WTM14240
*          DO 970 C1 = 1,NPROP                 WTM14250
*              XSIM(PUVEX,IYEAR+1,IROW,C1)= XSIM(PUVEX,IYEAR+1,IROW,C1) / WTM14260
*                  XSIM(PPEXP,IYEAR+1,IROW,C1)           WTM14270
*              XSIM(PUVIM,IYEAR+1,IROW,C1)= XSIM(PUVIM,IYEAR+1,IROW,C1) / WTM14280
*                  XSIM(PPIMP,IYEAR+1,IROW,C1)           WTM14290
*              XSIM(PUVPR,IYEAR+1,IROW,C1)= XSIM(PUVPR,IYEAR+1,IROW,C1) / WTM14300
*                  XSIM(PPROP,IYEAR+1,IROW,C1)           WTM14310
*              XSIM(PUVCO,IYEAR+1,IROW,C1)= XSIM(PUVCO,IYEAR+1,IROW,C1) / WTM14320
*                  XSIM(PDEMP,IYEAR+1,IROW,C1)           WTM14330
970      CONTINUE                               WTM14340
*
*          *** WOR                            WTM14350
*          DO 971 B1 = 1,NPROS                 WTM14360
*              B = PROSEL(B1)                   WTM14370
*
*              SELPRO = 0                     WTM14380
*              DO 972 C1 = 1,NPROP                 WTM14390
*                  IF (PRODUP(C1).EQ.TPRO(B)) THEN WTM14400
*                      SELPRO = 1                   WTM14410
*                      GOTO 973                   WTM14420
*                  ENDIF                         WTM14430
972      CONTINUE                               WTM14440
973      CONTINUE                               WTM14450
*
*              XTRADE(PSTOC,NREG,B) = XTRADE(PSTOC,NREG,B) + WTM14460
*                  XTRADE(PSTOP,NREG,B)           WTM14470
*              XTRADE(PUVEX,NREG,B) = XTRADE(PUVEX,NREG,B) * WTM14480
*                  (1.+XDP1(IEV2,B1))           WTM14490
*              XTRADE(PUVIM,NREG,B) = XTRADE(PUVIM,NREG,B) * WTM14500
*                  (1.+XDP1(IEV2,B1))           WTM14510

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COMPUTER PROGRAM - MAIN MODEL

```

*
      IF (SELPROM.EQ.1) THEN          WTM14560
      DO 975 L = 1,NELEM             WTM14570
         XSIM(L,IYEAR+1,IREGW,C1) = XTRADE(L,NREG,B)   WTM14580
975    CONTINUE                      WTM14590
      ENDIF                         WTM14600
971    CONTINUE                      WTM14610
*
*
*
*                                *** AGGREGATES           WTM14640
*
*                                DO 990 IAGGP = 1,NAGGP        WTM14650
*
*
*                                DO 998 C1 = 1,NPROP          WTM14660
*                                DO 998 L = 1,NELEM          WTM14670
*                                   XAGG(L,IYEAR+1,IAGGP,C1)= 0.   WTM14680
998    CONTINUE                      WTM14690
*
*                                DO 991 B1 = 1,NPROS          WTM14700
*                                   B = PROSEL(B1)            WTM14710
*
*                                SELPRO = 0                  WTM14720
*                                DO 992 C1 = 1,NPROP          WTM14730
*                                   IF (PRODUP(C1).EQ.TPRO(B)) THEN   WTM14740
*                                      SELPRO = 1                WTM14750
*                                      GOTO 993                 WTM14760
*                                   ENDIF                     WTM14770
992    CONTINUE                      WTM14780
993    CONTINUE                      WTM14790
*
*                                IF (SELPROM.EQ.1) THEN        WTM14800
*                                   DO 994 IAGG = 1,MAXAGG       WTM14810
*
*                                IF(AGGREG(IAGG).EQ.AGGREP(IAGGP)) THEN   WTM14820
*                                   DO 995 A = IAGG+1,MAXAGG        WTM14830
*                                      IF (AGGREG(A).EQ.'==') THEN   WTM14840
*                                         GOTO 996                 WTM14850
*                                      ELSE                      WTM14860
*                                         A1 = IFINDC(AGGREG(A),TREG,NREG,1)   WTM14870
*                                         DO 997 L = 1,NELEM-4          WTM14880
*                                            XAGG(L,IYEAR+1,IAGGP,C1) =   WTM14890
*                                              XAGG(L,IYEAR+1,IAGGP,C1) +   WTM14900
*                                              XTRADE(L,A1,B)             WTM14910
*                                         CONTINUE                   WTM14920
997    XAGG(PUVPR,IYEAR+1,IAGGP,C1)=   WTM14930
*                                         XAGG(PUVPR,IYEAR+1,IAGGP,C1) +   WTM14940
*                                         XTRADE(PUVPR,A1,B) *          WTM14950
*                                         XTRADE(PPROP,A1,B)           WTM14960
*                                         XAGG(PUVCO,IYEAR+1,IAGGP,C1)=   WTM14970
*                                         XAGG(PUVCO,IYEAR+1,IAGGP,C1) +   WTM14980
*                                         XTRADE(PUVCO,A1,B) *          WTM14990
*                                         XTRADE(PDEMPC,A1,B)           WTM15000
*
*                                         CONTINUE                   WTM15010
*                                         XAGG(PUVEX,IYEAR+1,IAGGP,C1)=   WTM15020
*                                         XAGG(PUVEX,IYEAR+1,IAGGP,C1) +   WTM15030
*                                         XTRADE(PUVEX,A1,B) *          WTM15040
*                                         XTRADE(PPROP,A1,B)           WTM15050
*                                         XAGG(PUVIM,IYEAR+1,IAGGP,C1)=   WTM15060
*                                         XAGG(PUVIM,IYEAR+1,IAGGP,C1) +   WTM15070
*                                         XTRADE(PUVIM,A1,B) *          WTM15080
*                                         XTRADE(PDEMPC,A1,B)           WTM15090
*
*                                         ENDIF                     WTM15100
995    CONTINUE                      WTM15110
      ENDIF                         WTM15120
*
994    CONTINUE                      WTM15130
996    CONTINUE                      WTM15140
*
*                                XAGG(PUVEX,IYEAR+1,IAGGP,C1)=   WTM15150
*                                         XAGG(PUVEX,IYEAR,IAGGP,C1) *   WTM15160
*                                         (1.+XDP1(IEV2,B1))           WTM15170
*                                         XAGG(PUVIM,IYEAR+1,IAGGP,C1)=   WTM15180
*                                         XAGG(PUVIM,IYEAR,IAGGP,C1) *   WTM15190
*                                         (1.+XDP1(IEV2,B1))           WTM15200
*                                         XAGG(PUVPR,IYEAR+1,IAGGP,C1)=   WTM15210
*                                         XDIVI4(XAGG(PUVPR,IYEAR+1,IAGGP,C1),   WTM15220
*                                         XDIVI4(XAGG(PUVPR,IYEAR+1,IAGGP,C1),   WTM15230

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COMPUTER PROGRAM - MAIN MODEL

```

>          XAGG(PPROP,IYEAR+1,IAGGP,C1))           WTM15240
XAGG(PUVCO,IYEAR+1,IAGGP,C1)=           WTM15250
>          XDIVI4(XAGG(PUVCO,IYEAR+1,IAGGP,C1),      WTM15260
>          XAGG(PDEMP,IYEAR+1,IAGGP,C1))           WTM15270
        ENDIF                                         WTM15280
*
991      CONTINUE                                     WTM15290
990      CONTINUE                                     WTM15300
*
5      CONTINUE                                     WTM15310
*
*-----                                         WTM15320
*-----                                         WTM15330
*-----                                         WTM15340
*-----                                         WTM15350
*-----                                         WTM15360
*-----                                         WTM15370
*
*-----                                         WTM15380
DO 500 B = 1,NPROP                               WTM15390
    XPRICES(B) = (XDIVI4(XSIM(PUVEX,NYEARS,IREGW,B),
>                      XSIM(PUVEX,2      ,IREGW,B))) - 1.   WTM15400
500      CONTINUE                                     WTM15410
*
WRITE(PRNOUT,'(/2X,A)') 'Price changes:'       WTM15440
WRITE(PRNOUT,'(/2X,A)') '1990 - 2010'          WTM15450
*
DO 501 B1 = 1,NPROP                             WTM15460
    WRITE(PRNOUT,'(1X,2A,F20.2,A)')               WTM15500
    >      PRODUP(B1), ' = ',XPRICES(B1)*100., '%'
501      CONTINUE                                     WTM15510
*
*-----                                         WTM15520
*-----                                         WTM15530
*-----                                         WTM15540
*-----                                         WTM16250
*-----                                         WTM16260
*-----                                         WTM16270
*-----                                         WTM16280
*-----                                         WTM16290
*-----                                         WTM16300
MESSAG(1) = 'PRINT SIMULATION RESULTS'         WTM16310
CALL MESSA1(MESSAG,1,.FALSE.,DUMMY)            WTM16320
*
*-----                                         WTM16330
*-----                                         WTM16340
*-----                                         WTM16350
*-----                                         WTM16360
*-----                                         WTM16370
MESSAG(1) = 'Print Output tables...'           WTM16380
CALL MESSA1(MESSAG,1,.FALSE.,DUMMY)            WTM16390
*
*-----                                         WTM16400
*-----                                         WTM16410
*-----                                         WTM16420
*-----                                         WTM16430
*-----                                         WTM16440
*-----                                         WTM16450
*-----                                         WTM16460
*-----                                         WTM16470
*-----                                         WTM16480
*-----                                         WTM16490
*-----                                         WTM16500
*-----                                         WTM16510
443      CONTINUE                                     WTM16520
442      CONTINUE                                     WTM16530
*
*-----                                         WTM16540
IF (REGAG1.EQ.'YES') THEN                      WTM16550
*
DO 440 B1 = 1,NREGP                            WTM16560
    DO 441 C1 = 1,NPROP                           WTM16570
        *** scaling
        DO 442 IYEAR = 1,NYEARS                  WTM16580
            DO 443 L = 1,NELEM-4                 WTM16590
                XSIM(L,IYEAR,B1,C1) = XSIM(L,IYEAR,B1,C1)/ 1000000. WTM16600
443      CONTINUE                                     WTM16610
442      CONTINUE                                     WTM16620
*
IF (PERIOD.EQ.'NO ') THEN                      WTM16630
    DO 444 L = 1,NELEM                           WTM16640
        XSIM(L,2,B1,C1) = XSIM(L,NYEARS,B1,C1)
444      CONTINUE                                     WTM16650
        NYEAP = 2
        YEARS(2) = SYEAR
    ELSE
        NYEAP = NYEARS
    ENDIF

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COMPUTER PROGRAM - MAIN MODEL

```

*
      HEADER(1) = 'PRODUCT: ///PRODUP(C1)//' ,REGION: '///
      >      REGIOP(B1)                                WTM16640
*
      CALL TABOU1(HEADER,1,FOOTER,0,
      >          XSIM(1,1,B1,C1), 'CLT',NELEM,MAXYEA,1,    WTM16650
      >          NELEM,NYEAP ,1,                          WTM16660
      >          TELE ,YEARS,' ',                      WTM16670
      >          DUMMY)                                WTM16680
      *
      441      CONTINUE                                WTM16690
      440      CONTINUE                                WTM17000
*
*----- Rest of the World -----
*
      DO 460 B1 = NREGP+2,NREGP+2                  WTM17020
      DO 461 C1 = 1,NPROP                           WTM17030
*
      * *** scaling
      DO 462 IYEAR = 1,NYEARS                      WTM17040
      DO 463 L = 1,NELEM-4                         WTM17050
      XSIM(L,IYEAR,B1,C1) = XSIM(L,IYEAR,B1,C1)/ 1000000. WTM17060
      463      CONTINUE                                WTM17070
      462      CONTINUE                                WTM17080
      *
      IF (PERIOD.EQ.'NO ') THEN                   WTM17090
      DO 464 L = 1,NELEM                           WTM17100
      XSIM(L,2,B1,C1) = XSIM(L,NYEARS,B1,C1)        WTM17110
      464      CONTINUE                                WTM17120
      NYEAP = 2                                     WTM17130
      YEARS(2) = SYEAR                            WTM17140
      ELSE                                         WTM17150
      NYEAP = NYEARS                               WTM17160
      ENDIF                                         WTM17170
      *
      HEADER(1) = 'PRODUCT: ///PRODUP(C1)//' ,REGION: '///
      >      REGIOP(B1)                                WTM17180
*
      CALL TABOU1(HEADER,1,FOOTER,0,
      >          XSIM(1,1,B1,C1), 'CLT',NELEM,MAXYEA,1,    WTM17190
      >          NELEM,NYEAP ,1,                          WTM17200
      >          TELE ,YEARS,' ',                      WTM17210
      >          DUMMY)                                WTM17220
      *
      461      CONTINUE                                WTM17230
      460      CONTINUE                                WTM17240
*
      ENDIF                                         WTM17250
*
*----- aggregates -----
*
      IF (REGAG2.EQ.'YES') THEN                   WTM17260
*
      DO 450 B1 = 1,NAGGP                         WTM17270
      DO 451 C1 = 1,NPROP                           WTM17280
*
      * *** scaling
      DO 452 IYEAR = 1,NYEARS                      WTM17290
      DO 453 L = 1,NELEM-7                         WTM17300
      XAGG(L,IYEAR,B1,C1) = XAGG(L,IYEAR,B1,C1)/1000000. WTM17310
      453      CONTINUE                                WTM17320
      452      CONTINUE                                WTM17330
*
      IF (PERIOD.EQ.'NO ') THEN                   WTM17340
      DO 454 L = 1,NELEM                           WTM17350
      XAGG(L,2,B1,C1) = XAGG(L,NYEARS,B1,C1)        WTM17360
      454      CONTINUE                                WTM17370
      NYEAP = 2                                     WTM17380
      YEARS(2) = SYEAR                            WTM17390

```

COMPUTER PROGRAM - MAIN MODEL

```

        ELSE                                         WTM17810
          NYEAP = NYEARS                           WTM17820
        ENDIF                                         WTM17830
*
        HEADER(1) = 'PRODUCT: //PRODUP(C1)//', REGION: //    WTM17840
      >     AGGREG(B1)                                WTM17850
*
        CALL TABOU1(HEADER,1,FOOTER,0,                  WTM17860
      >     XAGG(1,1,B1,C1), 'CLT', NELEM, MAXYEA, 1,    WTM17870
      >                                         NELEM, NYEAP, 1,    WTM17880
      >                                         TELE, YEARS, ' ',    WTM17890
      >                                         DUMMY)               WTM17900
*
*
451      CONTINUE                               WTM17910
450      CONTINUE                               WTM17920
*
        ENDIF                                         WTM17930
*
*
*----- WORLD -----
*
DO 470 B1 = NREGP+1,NREGP+1                   WTM17940
DO 471 C1 = 1,NPROP                           WTM18190
*
*                                         *** scaling
DO 472 IYEAR = 1,NYEARS                      WTM18200
DO 473 L = 1,NELEM-7                         WTM18210
      XSIM(L,IYEAR,B1,C1) = XSIM(L,IYEAR,B1,C1)/ 1000000. WTM18220
473      CONTINUE                               WTM18230
472      CONTINUE                               WTM18240
*
IF (PERIOD.EQ.'NO ') THEN                     WTM18250
  DO 474 L = 1,NELEM                          WTM18260
    XSIM(L,2,B1,C1) = XSIM(L,NYEARS,B1,C1)       WTM18270
474      CONTINUE                               WTM18280
      NYEAP = 2                                 WTM18290
      YEARS(2) = SYEAR                         WTM18300
    ELSE                                         WTM18310
      NYEAP = NYEARS                           WTM18320
    ENDIF                                         WTM18330
*
        HEADER(1) = 'PRODUCT: //PRODUP(C1)//', REGION: //    WTM18340
      >     REGIOP(B1)                                WTM18350
*
        CALL TABOU1(HEADER,1,FOOTER,0,                  WTM18360
      >     XSIM(1,1,B1,C1), 'CLT', NELEM, MAXYEA, 1,    WTM18370
      >                                         NELEM, NYEAP, 1,    WTM18380
      >                                         TELE, YEARS, ' ',    WTM18390
      >                                         DUMMY)               WTM18400
*
471      CONTINUE                               WTM18410
470      CONTINUE                               WTM18420
*
*
*----- terminate -----
*
555 CONTINUE                                     WTM18430
*
*                                         *** get time & date from system WTM18440
CALL TIME(TIME8,DATE8)                         WTM18450
*
*                                         *** end log
CALL MESSA1('Program ended at //DATE8//' '//TIME8,    WTM18460
      >     1,.TRUE.,DUMMY)                         WTM18470
*
*                                         *** terminate seq. screen outp. WTM18480
CALL MESSOF                                      WTM18490
*
*                                         *** close files
556 CONTINUE                                     WTM18500
CALL FCLOSE(TREFIL,DUMMY)                      WTM18510
CALL FCLOSE(COEFIL,DUMMY)                      WTM18520
*

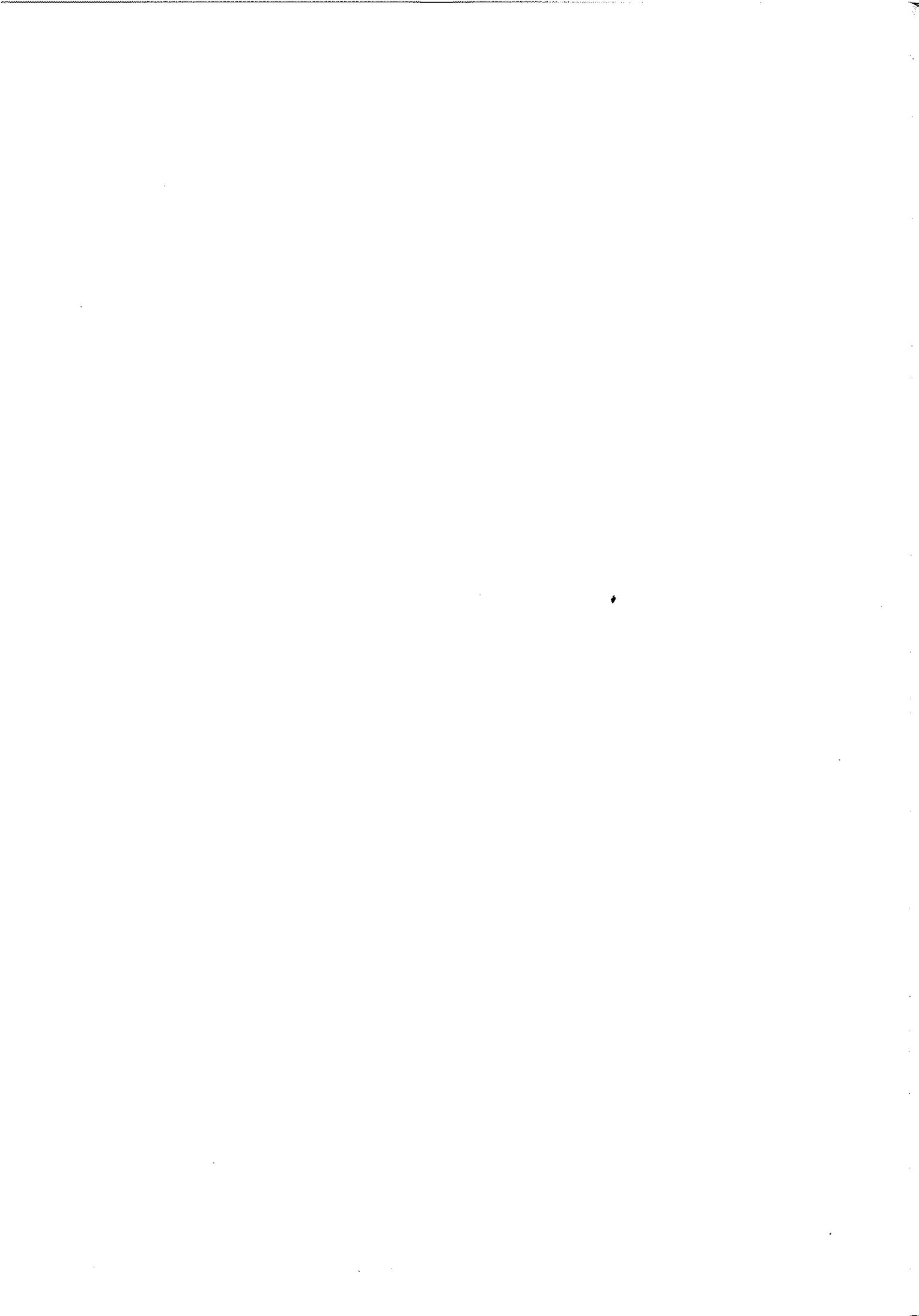
```

COMPUTER PROGRAM - MAIN MODEL

```

CALL FCLOSE(POLFIL,DUMMY)                                WTM19670
CALL FCLOSE(EPSFL1,DUMMY)                                WTM19680
CALL FCLOSE(EPSFL2,DUMMY)                                WTM19690
CALL FCLOSE(BASFL1,DUMMY)                                WTM19700
*
STOP                                                       WTM19710
END                                                       WTM19720
*
*
*****WTM19760
*   Function XDIVI4: Divide by zero allowed             WTM19770
*****WTM19780
*
FUNCTION XDIVI4(XA,XB)                                  WTM19800
*
IF(XB.NE.0.0) THEN                                     WTM19810
    XDIVI4 = XA/XB                                     WTM19820
ELSE                                                    WTM19830
    XDIVI4 = 0.                                         WTM19840
END IF                                                   WTM19850
RETURN                                                 WTM19860
END                                                       WTM19870
*
*****
*****WTM19900
*   Function XDIVI3: Divide by zero allowed             WTM19910
*****WTM19920
*
FUNCTION XDIVI3(XA,XB)                                  WTM19930
*
IF(XB.NE.0.0) THEN                                     WTM19940
    XDIVI3 = XA/XB                                     WTM19950
ELSE                                                    WTM19960
    XDIVI3 = 1.                                         WTM19970
END IF                                                   WTM19980
RETURN                                                 WTM19990
END                                                       WTM20000
*
*****
*****WTM20040
*   Function XGROW: Geometric growth rate              WTM20050
*****WTM20060
*
FUNCTION XGROW(XFROM,XTO,NDIST,XDMISS)                 WTM20070
*
IMPLICIT INTEGER*4 (A-W,Z), REAL*4 (X), LOGICAL*4 (Y)   WTM20080
*
IF(XTO.EQ.XFROM) THEN                                 WTM20090
    XGROW = 0.                                         WTM20100
ELSE IF(XFROM.EQ.0.0) THEN                           WTM20110
    XGROW = XDMISS                                    WTM20120
ELSE
    X= XDIVI(XTO,XFROM)
    IF(X.GT.0.) THEN                                 WTM20130
        XGROW = (X ** (1./NDIST) -1.) * 100.          WTM20140
    ELSE IF(X.LT.0.0) THEN                           WTM20150
        XGROW = XDMISS
    ELSE
        *** X = 0. because XTO = 0.0                WTM20160
        IF(N.EQ.1) THEN                               WTM20170
            XGROW = -100.                           WTM20180
        ELSE
            XGROW = XDMISS                         WTM20190
        END IF                                      WTM20200
    END IF                                         WTM20210
END IF                                                 WTM20220
*
RETURN                                                 WTM20230
END                                                       WTM20240
*
*****
*****WTM20250
*   Function XGROW: Geometric growth rate              WTM20260
*****WTM20270
*
END IF                                                 WTM20280
END IF                                                 WTM20290
RETURN                                                 WTM20300
END                                                       WTM20310
*
WTM20320
END                                                       WTM20330
*
WTM20340

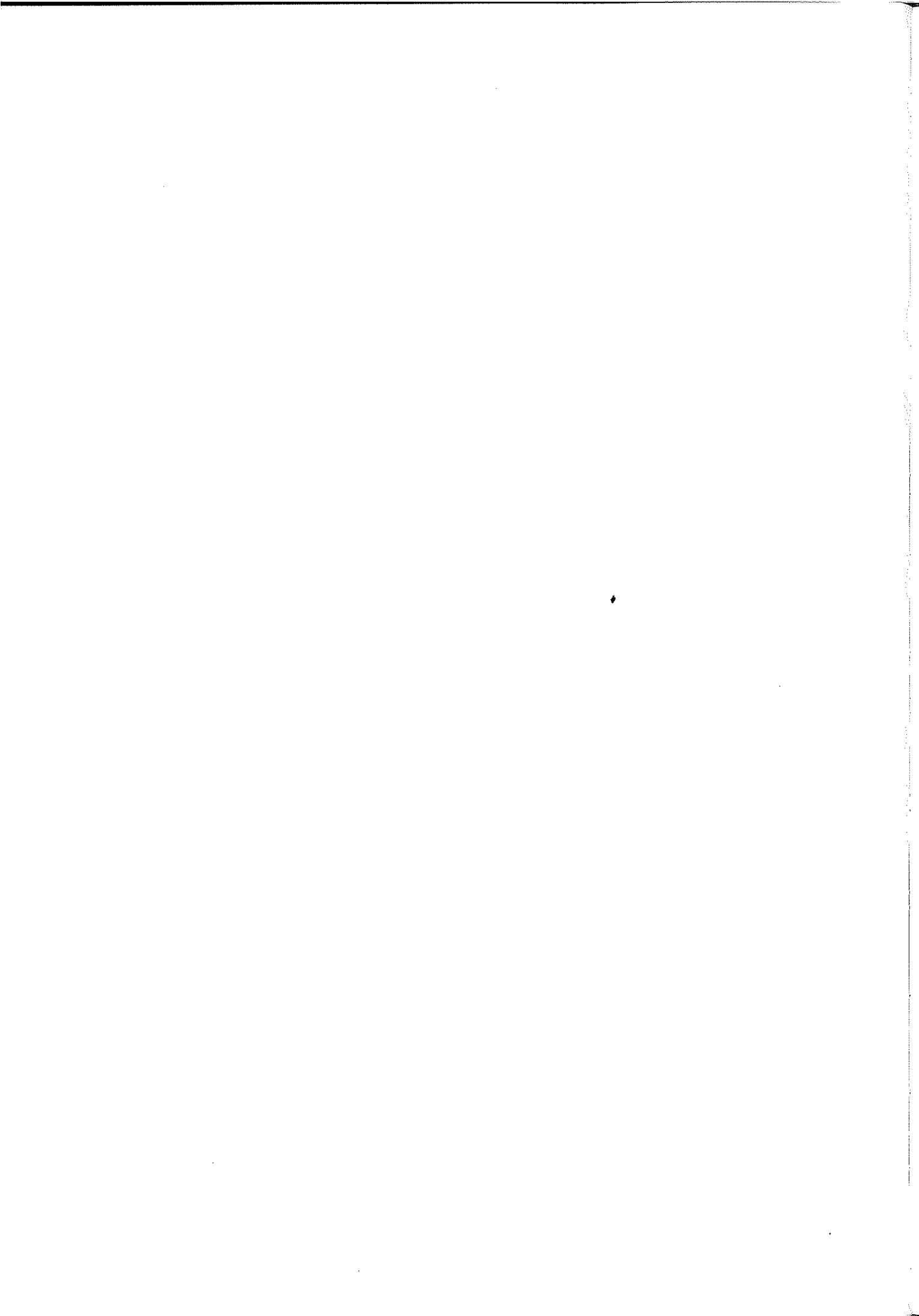
```



APPENDIX A 2:

COMPUTER PROGRAMME

MODEL FOR FRUITS AND VEGETABLES



Appendix A2: COMPUTER PROGRAM - FRUITS AND VEGETABLES

```
*****
**          WTMCOMVF FORTRAN           Status: 23/05/92 1   ***WTM00010
**          ***WTM00020
**          WTM Model, Vegetables and Fruits   ***WTM00030
**          ***WTM00040
**          Fortran level: 77   ***WTM00050
**          ***WTM00060
**          May 1991,      Klaus Mueller   ***WTM00070
**          ***WTM00080
**          Institut f. Agrarpolitik, Universitaet Bonn   ***WTM00090
**          ***WTM00100
*****                                         ***WTM00110
**          ***WTM00120
*****                                         ***WTM00130
*
*          DEBUG SUBCHK           WTM00140
*          END DEBUG           WTM00150
*          PROGRAM WTMCOM       WTM00160
*          WTM00170
*          WTM00180
*          IMPLICIT INTEGER*4(A-W,Z), REAL*4(X), LOGICAL*4(Y)   WTM00190
*          WTM00200
*          ----- functions -----   WTM00210
*          WTM00220
*          REAL*4 ABS           WTM00230
*          WTM00240
*          ----- constants -----   WTM00250
*          WTM00260
*          WTM00270
*          *** max. selected regions   WTM00280
*          PARAMETER (MAXREG = 57)   WTM00290
*          *** max. selected products   WTM00300
*          PARAMETER (MAXPRS = 6)   WTM00310
*          *** max. products printed   WTM00320
*          PARAMETER (MAXPRP = 6)   WTM00330
*          *** max. regions printed   WTM00340
*          PARAMETER (MAXREP = 60)   WTM00350
*          *** max. comp. in Aggreg.   WTM00360
*          PARAMETER (MAXAGG = 73)   WTM00370
*          *** max. aggreg. printed   WTM00380
*          PARAMETER (MAXAGP = 13)   WTM00390
*          *** max. elements processed   WTM00400
*          PARAMETER (MAXELE = 10)   WTM00410
*          *** max. products   WTM00420
*          PARAMETER (MAXPRO = 6)   WTM00430
*          *** max. years   WTM00440
*          PARAMETER (MAXYEA = 6)   WTM00450
*          *** max. years   WTM00460
*          PARAMETER (XDMISS= 0.)   WTM00470
*          *** for internal dimensioning   WTM00480
*          PARAMETER (KDIM=MAXPRS + 1)   WTM00490
*          PARAMETER (MDIM=MAXPRS + MAXPRS)   WTM00500
*          *** item indices for XTRCOE   WTM00510
*          PARAMETER (TREEX=1, TREIM=2, TREEXL=3, TREIML = 4, NTRE=4)   WTM00520
*          *** item indices for XSCE   WTM00530
*          PARAMETER (TBES=1, TBIS=2, NBES=3, NBIS=4, SHIE=5, SHII=6,   WTM00540
*          > NSCE=6)   WTM00550
*          *** item indices for XELEM   WTM00560
*          PARAMETER (PPEXP=1, PPIMP=2, PNETP=3, PVEXP=4, PVIMP=5,   WTM00570
*          > PUVEX=6, PUVIM=7,   WTM00580
*          > PUVPR=8, PUVCO=9,   WTM00590
*          > NELEM= 9)   WTM00600
*          *** item indices for XPOL   WTM00610
*          PARAMETER (TRBE=1, TRBI=2, NTBE=3, NTBI=4, PINE = 5, PINI = 6,   WTM00620
*          > NPOL=6)   WTM00630
*          *** products   WTM00640
*          WTM00650
*          WTM00660
*          PARAMETER (VEGF=1, VEGP=2, FRUF=3, FRUP=4,   WTM00670
*          > NPRO=4)   WTM00680
```

Appendix A2: COMPUTER PROGRAM - FRUITS AND VEGETABLES

```

*                                *** regions                               WTM00690
*                                *** aggregates                            WTM00700
*                                *** globals                                WTM00710
*                                *** general files                         WTM00720
*                                *** date & time                           WTM00730
*                                *** error message handling          WTM00740
*                                *** selected products                      WTM00750
*                                *** selected products printed           WTM00760
*                                *** selected regions printed            WTM00770
*                                *** selected implicit constr.        WTM00780
*                                *** supply elasticities                  WTM00790
*                                *** demand elasticities                 WTM00800
*                                *** exogenous policy data             WTM00810
*                                *** scenario parameters                WTM00820
*                                *** trend coefficients                  WTM00830
*                                *** work arrays                         WTM00840
*                                *** simulation result table           WTM00850
*                                *** for sequential screen messag.      WTM00860
*                                *** locals                                WTM00870
*                                *** general files                         WTM00880
*                                *** date & time                           WTM00890
*                                *** error message handling          WTM00900
*                                *** selected products                      WTM00910
*                                *** selected products printed           WTM00920
*                                *** selected regions printed            WTM00930
*                                *** selected implicit constr.        WTM00940
*                                *** supply elasticities                  WTM00950
*                                *** demand elasticities                 WTM00960
*                                *** exogenous policy data             WTM00970
*                                *** scenario parameters                WTM00980
*                                *** trend coefficients                  WTM00990
*                                *** work arrays                         WTM01000
*                                *** simulation result table           WTM01010
*                                *** for sequential screen messag.      WTM01020
*                                *** locals                                WTM01030
*                                *** general files                         WTM01040
*                                *** date & time                           WTM01050
*                                *** error message handling          WTM01060
*                                *** selected products                      WTM01070
*                                *** selected products printed           WTM01080
*                                *** selected regions printed            WTM01090
*                                *** scenario parameters                WTM01100
*                                *** trend coefficients                  WTM01110
*                                *** work arrays                         WTM01120
*                                *** simulation result table           WTM01130
*                                *** for sequential screen messag.      WTM01140
*                                *** locals                                WTM01150
*                                *** general files                         WTM01160
*                                *** date & time                           WTM01170
*                                *** error message handling          WTM01180
*                                *** selected products                      WTM01190
*                                *** selected products printed           WTM01200
*                                *** selected regions printed            WTM01210
*                                *** simulation result table           WTM01220
*                                *** general files                         WTM01230
*                                *** date & time                           WTM01240
*                                *** locals                                WTM01250
*                                *** error message handling          WTM01260
*                                *** for sequential screen messag.      WTM01270
*                                *** description text for tables       WTM01280
*                                *** full table keys                     WTM01290
*                                *** key(MAXREG)                         WTM01300
*                                *** key(KEYO(MAXREP))                   WTM01310
*                                *** key(KEYA(MAXAGP))                   WTM01320
*                                *** key(KEY1)                            WTM01330
*                                *** years                               WTM01340
*                                *** years                               WTM01350
*                                *** years                               WTM01360

```

Appendix A2: COMPUTER PROGRAM - FRUITS AND VEGETABLES

CHARACTER*2	YEARS(MAXYEA)	WTM01370
*	*** aggregation array	WTM01380
CHARACTER*3	AGGREG(MAXAGG)	WTM01390
*	*** item codes	WTM01400
CHARACTER*8	TTRE(NTRE), TPOL(NPOL), TSCE(NSCE),	WTM01410
>	TELE(NELEM)	WTM01420
*	*** product codes	WTM01430
CHARACTER*4	TPRO(NPRO)	WTM01440
*	*** region codes	WTM01450
CHARACTER*3	TREG(NREG)	WTM01460
*	*** aggreg codes	WTM01470
CHARACTER*3	TAGG(NAGG)	WTM01480
*	*** table types	WTM01490
CHARACTER*4	TYPELS, TYPELD, TYPOLL, TYPSC, TYPTRE,	WTM01500
>	TYPTRD, TYP	WTM01510
*	*** codes of products in the mod.	WTM01520
CHARACTER*4	PRODUC(MAXPRO)	WTM01530
*	*** codes of regions printed	WTM01540
CHARACTER*3	REGIOP(MAXREP)	WTM01550
*	*** codes of aggreg. printed	WTM01560
CHARACTER*3	AGGREP(MAXAGP)	WTM01570
*	*** codes of products printed	WTM01580
CHARACTER*4	PRODUP(MAXPRP)	WTM01590
*	*** codes of regions in the model	WTM01600
CHARACTER*3	REGION(MAXREG)	WTM01610
*	*** codes of regions in the model	WTM01620
CHARACTER*4	ELEMEN(MAXELE)	WTM01630
*	*** codes of regions printed	WTM01640
CHARACTER*4	PRTELE(MAXELE)	WTM01650
*	*** headers for printing tables	WTM01660
CHARACTER*80	HEADER(2), FOOTER(2)	WTM01670
*	*** year and years in the model	WTM01680
CHARACTER*2	SYEAR, BYEAR, YEAR	WTM01690
*	*** aggregation selection	WTM01700
INTEGER*4	SELROW, SELPRO, IYEAR	WTM01710
*	*** Prod. price wedge change mode	WTM01720
CHARACTER*3	PRPWCH	WTM01730
*	*** Cons. price wedge change mode	WTM01740
CHARACTER*3	CSPWCH	WTM01750
*	*** Trend shift mode	WTM01760
CHARACTER*3	TRSHFT	WTM01770
*	*** Regional Print Mode	WTM01780
CHARACTER*3	REGAG1, REGAG2	WTM01790
*	*** Number of Periods printed	WTM01800
CHARACTER*3	PERIOD	WTM01810
*	*** Number of Products	WTM01820
INTEGER*4	M	WTM01830
*	*** M+1	WTM01840
INTEGER*4	K	WTM01850
*	*** Supply	WTM01860
REAL*8	XEXP(MAXREG, MAXPRS)	WTM01870
*	*** Demand	WTM01880
REAL*8	XIMP(MAXREG, MAXPRS)	WTM01890
*	*** internal work arrays	WTM01900
REAL*8	XDP1(KDIM, MDIM), XPRICES(MAXPRS)	WTM01910
REAL*8	XSUM(MAXPRS), XC(MAXPRS), XB1(MAXPRS), XB2(MAXPRS)	WTM01920
*	*** policy parameters	WTM01930
REAL*4	XTRBE(MAXREG, MAXPRS), XTRBI(MAXREG, MAXPRS),	WTM01940
>	XNTBE(MAXREG, MAXPRS), XNTBI(MAXREG, MAXPRS)	WTM01950
*	*** item codes	WTM01960
*		WTM01970
DATA	TPOL/'TRBE', 'TRBI', 'NTBE', 'NTBI', 'PINE', 'PINI'/,	WTM01980
>	TSCE/'TBES', 'TBIS', 'NBES', 'NBIS', 'SHIE', 'SHII'/,	WTM01990
>	TTRE/'TREE', 'TREI', 'TREL', 'TRIL'/,	WTM02000
>	TELE/'PEXP', 'PIMP', 'NETP',	WTM02010
>	'VEXP', 'VIMP', 'UVEX', 'UVIM', 'UVPR', 'UVCO'/,	WTM02020
>	TPRO/'VEGF', 'VEGP', 'FRUF', 'FRUP'/,	WTM02030
*		WTM02040

Appendix A2: COMPUTER PROGRAM - FRUITS AND VEGETABLES

```

>      TREG/'TUR','FRA','GEW','GEE','GRE',
>          'ITA','NL ','PO ','SPA','UK ','REC',
>          'ZP ','RWE',
>          'BUL','CZE','HUN','POL','JUG','USS',
>          'JOR','LEB','SYR','NME','IRN','IRQ','KUW',
>          'SAU','OME','ISR','ALG','EGY','LYB','MAR',
>          'TUN','SA ','RAF','BGD','PAK','IND','CHN',
>          'JAP','RAS','USA','CAN','LA ','ANZ','WOR'/
>          WTM02050
>          WTM02060
>          WTM02070
>          WTM02080
>          WTM02090
>          WTM02100
>          WTM02110
>          WTM02120
>          WTM02130
*
>      TAGG/'TUR','EC ','RWE','EE ','USS',
>          'ME ','NAF','RAF','RAS','NA ','LA ',
>          'ANZ','WOR'/
>          WTM02140
>          WTM02150
>          WTM02160
>          WTM02170
*
>      DATA (AGGREG(A), A = 1,73)/
>'====','TUR','TUR',
>'====','EC ','FRA','GEW','GEE','GRE','ITA',
>          'NL ','PO ','SPA','UK ','REC',
>'====','RWE','ZP ','RWE',
>'====','EE ','BUL','CZE','HUN','POL','JUG',
>'====','USS','USS',
>'====','ME ','JOR','LEB','SYR','NME','IRN','IRQ','KUW','SAU',
>          'OME','ISR',
>'====','NAF','ALG','EGY','LYB','MAR','TUN',
>'====','RAF','SA ','RAF',
>'====','RAS','BGD','PAK','IND','CHN','JAP','RAS',
>'====','NA ','USA','CAN',
>'====','LA ','LA ',
>'====','ANZ','ANZ',
>'====','WOR','WOR'/
>          WTM02180
>          WTM02190
>          WTM02200
>          WTM02210
>          WTM02220
>          WTM02230
>          WTM02240
>          WTM02250
>          WTM02260
>          WTM02270
>          WTM02280
>          WTM02290
>          WTM02300
>          WTM02310
>          WTM02320
>          WTM02330
>          WTM02340
*
*
*----- initialize -----
*
*----- get time & date from system -----
*
*----- get programs environment, -----
*----- display startup logo, -----
*----- open general files -----
*
CALL TIME(TIME8,DATE8)
*----- write log file header -----
WRITE(LOGOUT,'(24X,A)') 'Log file of program WTMCOMVF'
WRITE(LOGOUT,'(/80A)') (' ',I=1,(72-LENACT(PGMXT))//2),PGMXT
WRITE(LOGOUT,'(/80A)') (' ',I=1,(72-LENACT(SYSTXT))//2),SYSTXT
WRITE(LOGOUT,'(/17X,4A)') 'Program started at ',DATE8,' ',TIME8
*----- process parameters & open files -----
*
*----- get basic scenario control -----
CALL WTM4VF(PRPWCH,CSPWCH,TRSHFT,RC)
IF(RC.NE.0) GO TO 556
*----- get file names, open files -----
CALL WTM1VF(EPSFL1,EPSFL2,POLFIL,TREFIL,SCEFIL,
>           BASFL1,OUTFL1,OUTFL2,RC)
IF(RC.NE.0) GO TO 556
WRITE(LOGOUT,'(')
*----- get simulation control par. -----
CALL WTM3VF(BYEAR, SYEAR,
>           PRODUC,MAXPRRS,NPROS,TPRO,NPRO,
>           TYPELS,TYPELD,TYPPOL,TYPSCE,TYPTRE,
>           TYPTRD,
>           RC)
IF(RC.NE.0) GO TO 556
WRITE(LOGOUT,'(')
*----- get print control -----
CALL WTM2VF(REGAG1,REGAG2,PERIOD,RC)
IF(RC.NE.0) GO TO 556

```

Appendix A2: COMPUTER PROGRAM - FRUITS AND VEGETABLES

```

        WRITE(LOGOUT, '())')                                WTM02730
*          *** get print control                         WTM02740
        CALL WTM5VF(PRODUP,MAXPRP,NPROP,TPRO,NPRO,           WTM02750
>             REGIOP,MAXREP,NREGP,TREG,NREG,               WTM02760
>             AGGREG,MAXAGP,NAGGP,TAGG,NAGG,              WTM02770
>             RC)                                       WTM02780
        IF(RC.NE.0) GO TO 556                           WTM02790
*          *** element codes                          WTM02800
        DO 45 IELEM = 1,NELEM                           WTM02810
            ELEMEN(IELEM) = TELE(IELEM)                  WTM02820
45    CONTINUE                                         WTM02830
*          *** region codes                          WTM02840
        DO 46 IREG = 1,NREG                           WTM02850
            REGION(IREG) = TREG(IREG)                  WTM02860
46    CONTINUE                                         WTM02870
*          *** years                               WTM02880
        NYEARS = 6                                     WTM02890
        YEARS(1) = BYEAR                            WTM02900
        YEARS(2) = '90'                                WTM02910
        YEARS(3) = '95'                                WTM02920
        YEARS(4) = '00'                                WTM02930
        YEARS(5) = '05'                                WTM02940
        YEARS(6) = SYEAR                            WTM02950
*          *** index of selected products           WTM02960
        DO 50 IPROS = 1,NPROS                         WTM02980
            PROSEL(IPROS) = IFINDC(PRODUC(IPROS),TPRO,NPRO,1) WTM02990
50    CONTINUE                                         WTM03000
*          *** index of selected products printed   WTM03010
        DO 51 IPROP = 1,NPROP                         WTM03020
            PRPSEL(IPROP) = IFINDC(PRODUP(IPROP),TPRO,NPRO,1) WTM03030
51    CONTINUE                                         WTM03040
*          *** index of selected regions printed    WTM03050
        DO 52 IREGP = 1,NREGP                         WTM03060
            REPSEL(IREGP) = IFINDC(REGIOP(IREGP),TREG,NREG,1) WTM03070
52    CONTINUE                                         WTM03080
*          *** index WOR, ROW                         WTM03090
        IREGW = NREGP+1                                WTM03100
        IROW = NREGP+2                                 WTM03110
        REGIOP(IREGW) = 'WOR'                           WTM03120
        REGIOP(IROW) = 'ROW'                            WTM03130
*          ----- initialize sequential screen output ----- WTM03150
*          CALL MESSON(DUMMY)                         WTM03160
*          CALL TABINI(PRNOUT,133,60,'ENGLISH')       WTM03180
*          CALL TABSTA('MW')                           WTM03200
*          CALL TABMIS(XDMISS,' 0.000')                WTM03220
*          *** simulation routine                   WTM03240
*&&&                                         WTM03250
*          DO 5 IYEAR = 1, 1                          WTM03260
*          DO 5 IYEAR = 1, NYEARS-1                 WTM03270
*                                         WTM03280
*                                         WTM03290
*****                                         WTM03300
*          READ DATA                                WTM03310
*****                                         WTM03320
*                                         WTM03330
*          ----- data constant for all simulation years ----- WTM03340
*                                         WTM03350
*                                         WTM03360
*                                         WTM03370
        IF (IYEAR.EQ.1) THEN                         WTM03380
            MESSAG(1) = 'READING CONSTANT MODEL DATA' WTM03390
            CALL MESSA1(MESSAG,1,.FALSE.,DUMMY)         WTM03400

```

Appendix A2: COMPUTER PROGRAM - FRUITS AND VEGETABLES

```

*----- Base Year Variables ----- WTM03410
*----- Base Year Variables ----- WTM03420
*
MESSAG(1) = 'Reading Base Year Data...' WTM03430
CALL MESSA1(MESSAG,1,.FALSE.,DUMMY) WTM03440
*
DO 60 IREG = 1,NREG WTM03450
    KEY(IREG) = REGION(IREG)//'00'//...'...'//...'00'//TYPTRD// WTM03460
    > 'T' WTM03470
60 CONTINUE WTM03480
*
CALL DATINE('TL') WTM03490
CALL DATIN4(XTRADE,'CLTD',NELEM,1 , MAXREG, NPRO , WTM03500
    NELEM,1 , NREG, NPRO , WTM03510
    TELE ,BYEAR//'00',KEY ,TPRO, WTM03520
    BASFL1,LOGOUT,1,0.,RC) WTM03530
*
IF(RC.GT.0) THEN WTM03540
    MESSAG(1) = '*** Error(s) reading base data updates' WTM03550
    CALL MESSA1(MESSAG,1,.TRUE.,DUMMY) WTM03560
    GO TO 555 WTM03570
ENDIF WTM03580
MESTXT = '' WTM03590
*
*----- scaling of Unit Values ----- WTM03600
DO 70 IREG = 1,NREG WTM03610
DO 70 IPRO = 1,NPRO WTM03620
    XTRADE(PUVEX,IREG,IPRO) = WTM03630
    > XTRADE(PUVEX,IREG,IPRO) / 100 WTM03640
    XTRADE(PUVIM,IREG,IPRO) = WTM03650
    > XTRADE(PUVIM,IREG,IPRO) / 100 WTM03660
70 CONTINUE WTM03670
*
*----- Model Parameters ----- WTM03680
*
MESSAG(1) = 'Reading constant model parameters...' WTM03690
CALL MESSA1(MESSAG,1,.FALSE.,DUMMY) WTM03700
*
*----- read policy coefficients ----- WTM03710
*
MESSAG(1) = '... reading policy data' WTM03720
CALL MESSA1(MESSAG,1,.FALSE.,DUMMY) WTM03730
DO 110 IREG= 1,NREG-1 WTM03740
    KEY(IREG)=REGION(IREG)//'00'//...'...'//...'00'//TYPPOL//'T' WTM03750
110 CONTINUE WTM03760
CALL DATINE('L') WTM03770
CALL DATIN4(XPOL,'CDLT',NPOL,NPRO,1,MAXREG, WTM03780
    NPOL,NPRO,1,NREG-1, WTM03790
    TPOL,TPRO,'NN00',KEY, WTM03800
    POLFIL,LOGOUT,0,0.,RC) WTM03810
*
IF(RC.GT.0) THEN WTM03820
    MESSAG(1) = '*** Error(s) reading policy data' WTM03830
    CALL MESSA1(MESSAG,1,.TRUE.,DUMMY) WTM03840
    GO TO 555 WTM03850
ENDIF WTM03860
MESTXT = '' WTM03870
*
*----- read trend coefficients ----- WTM03880
*
MESSAG(1) = '... reading trend coefficients' WTM03890
CALL MESSA1(MESSAG,1,.FALSE.,DUMMY) WTM03900
DO 115 IREG= 1,NREG-1 WTM03910
    KEY(IREG)=REGION(IREG)//'00'//...'...'//...'00'//TYPTRE//'T' WTM03920
115 CONTINUE WTM03930
CALL DATINE('L') WTM03940
CALL DATIN4(XTRCOE,'CDLT',NTRE,NPRO,1,MAXREG, WTM03950
    NTRE,NPRO,1,NREG-1, WTM03960
    TTRE,TPRO,'NN00',KEY, WTM03970
    TREFIL,LOGOUT,0,0.,RC) WTM03980
*
IF(RC.GT.0) THEN WTM03990

```

Appendix A2: COMPUTER PROGRAM - FRUITS AND VEGETABLES

```

MESSAG(1) = '*** Error(s) reading trend coefficients'      WTM04090
CALL MESSA1(MESSAG,1,.TRUE.,DUMMY)                         WTM04100
GO TO 555                                                 WTM04110
ENDIF                                                 WTM04120
MESTXT = ' '                                              WTM04130
*                                                 *** linear trend modification WTM04140
DO 71 IREG = 1,NREG                                     WTM04150
DO 71 IPRO = 1,NPRO                                     WTM04160
XTRCOE(TREEXL,IREG,IPRO) =                               WTM04170
>   ((XTRADE(PPEXP,IREG,IPRO)*(XTRCOE(TREEX,IREG,IPRO)**24)) - WTM04180
>   XTRADE(PPEXP,IREG,IPRO)) / 24                      WTM04190
XTRCOE(TREIML,IREG,IPRO) =                               WTM04200
>   ((XTRADE(PPIMP,IREG,IPRO)*(XTRCOE(TREIM,IREG,IPRO)**23)) - WTM04210
>   XTRADE(PPIMP,IREG,IPRO)) / 24                      WTM04220
71  CONTINUE                                              WTM04230
*                                                 WTM04240
ENDIF                                                 WTM04250
*                                                 WTM04260
*----- data different for each simulation years ----- WTM04270
*                                                 WTM04280
MESSAG(1) = 'SIMULATION FOR //'YEARS(IYEAR)           WTM04290
CALL MESSA1(MESSAG,1,.FALSE.,DUMMY)                     WTM04300
MESSAG(1) = 'Read variable Model Parameters...'       WTM04310
CALL MESSA1(MESSAG,1,.FALSE.,DUMMY)                     WTM04320
*                                                 WTM04330
MESSAG(1) = '... reading export supply elasticities' WTM04340
CALL MESSA1(MESSAG,1,.FALSE.,DUMMY)                     WTM04350
*                                                 *** read supply elasticities WTM04360
DO 55 IREG= 1,NREG-1                                    WTM04370
KEY(IREG)=REGION(IREG)//'00'// '&'// '00'// '00'//TYPEELS// 'T' WTM04380
55 CONTINUE                                              WTM04390
CALL DATINE('T')                                         WTM04400
CALL DATIN3(XEPSS,'CLT',NPRO,NPRO,MAXREG,             WTM04410
>           NPRO,NPRO,NREG-1,                           WTM04420
>           TPRO,TPRO,KEY,                            WTM04430
>           EPSFL1,LOGOUT,0,0.,RC)                   WTM04440
*                                                 WTM04450
IF(RC.GT.0) THEN                                         WTM04460
MESSAG(1) = '*** Error(s) reading supply elasticities' WTM04470
CALL MESSA1(MESSAG,1,.TRUE.,DUMMY)                     WTM04480
GO TO 555                                               WTM04490
ENDIF                                                 WTM04500
MESTXT = ' '                                              WTM04510
*                                                 WTM04520
*                                                 *** read demand elasticities WTM04530
*                                                 WTM04540
MESSAG(1) = '... reading import demand elasticities' WTM04550
CALL MESSA1(MESSAG,1,.FALSE.,DUMMY)                     WTM04560
DO 56 IREG= 1,NREG-1                                    WTM04570
KEY(IREG) =REGION(IREG)//'00'// '&'// '00'// '00'//TYPELD// 'T' WTM04580
56 CONTINUE                                              WTM04590
CALL DATINE('T')                                         WTM04600
CALL DATIN3(XEPSD,'CLT',NPRO,NPRO,MAXREG,             WTM04610
>           NPRO,NPRO,NREG-1,                           WTM04620
>           TPRO,TPRO,KEY,                            WTM04630
>           EPSFL2,LOGOUT,0,0.,RC)                   WTM04640
IF(RC.GT.0) THEN                                         WTM04650
MESSAG(1) = '*** Error(s) reading demand elasticities' WTM04660
CALL MESSA1(MESSAG,1,.TRUE.,DUMMY)                     WTM04670
GO TO 555                                               WTM04680
ENDIF                                                 WTM04690
MESTXT = ' '                                              WTM04700
*                                                 WTM04710
YEAR = YEARS(IYEAR)                                     WTM04720
*                                                 WTM04730
*                                                 *** read scenario coefficients WTM04740
*                                                 WTM04750
MESSAG(1) = '... reading scenario coefficients'       WTM04760

```

Appendix A2: COMPUTER PROGRAM - FRUITS AND VEGETABLES

```

CALL MESSA1(MESSAG,1,.FALSE.,DUMMY) WTM04770
DO 111 IREG= 1,NREG WTM04780
    KEY(IREG)=REGION(IREG)//'00'///..'///..'//00//TYPSCe//T' WTM04790
111 CONTINUE WTM04800
    CALL DATINE('L')
    CALL DATIN4(XSCE,'CDLT',NSCE,NPRO,1,MAXREG, WTM04810
    > NSCE,NPRO,1,NREG, WTM04820
    > TSCE,TPRO,YEAR//'00',KEY, WTM04830
    > SCEFIL,LOGOUT,0,0.,RC) WTM04840
    IF(RC.GT.0) THEN WTM04850
        MESSAG(1) = '*** Error(s) reading scenario coefficients' WTM04860
        CALL MESSA1(MESSAG,1,.TRUE.,DUMMY) WTM04870
        GO TO 555 WTM04880
    ENDIF WTM04890
    MESTXT = '' WTM04900
*
***** MODEL SPECIFICATION ***** WTM04930
*
    MESSAG(1) = 'Model Specification...' WTM04940
    CALL MESSA1(MESSAG,1,.FALSE.,DUMMY) WTM04950
*
*----- trend export and import ----- WTM05000
*----- *** routine for one year ----- WTM05010
*----- **** all other years ----- WTM05020
*----- *** supply trend ----- WTM05030
*----- **** all other years ----- WTM05040
*----- *** export trend ----- WTM05050
*----- **** all other years ----- WTM05060
*----- *** supply trend ----- WTM05070
DO 113 IREG = 1,NREG-1 WTM05080
    DO 300 B1 = 1,NPROS WTM05090
        B = PROSEL(B1) WTM05100
        IF (TRSHFT.EQ.'YES') THEN WTM05110
*
*
        IF (IYEAR.EQ.1) THEN WTM05120
            *** export trend WTM05130
            XEXP(IREG,B1)=XTRADE(PPEXP,IREG,B) * WTM05140
            > XSCE(SHIE,B,IREG) WTM05150
            > * ((XTRCOE(TREEX,B,IREG))**4) WTM05160
            XIMP(IREG,B1)=XTRADE(PPIMP,IREG,B)* WTM05170
            > XSCE(SHII,B,IREG) WTM05180
            > * ((XTRCOE(TREIM,B,IREG))**4) WTM05190
*
            *** all other years WTM05200
        ELSE WTM05210
            *** supply trend WTM05220
            XEXP(IREG,B1)=XTRADE(PPEXP,IREG,B) * WTM05230
            > XSCE(SHIE,B,IREG) WTM05240
            > * (XTRCOE(TREEX,B,IREG) ** 5) WTM05250
            XIMP(IREG,B1)=XTRADE(PPIMP,IREG,B)* WTM05260
            > XSCE(SHII,B,IREG) WTM05270
            > * ((XTRCOE(TREIM,B,IREG))**5) WTM05280
        ENDIF WTM05290
*
        ELSE WTM05300
            XEXP(IREG,B1)=XTRADE(PPEXP,IREG,B) * WTM05310
            > XSCE(SHIE,B,IREG) * 1. WTM05320
            XIMP(IREG,B1)=XTRADE(PPIMP,IREG,B)* WTM05330
            > XSCE(SHII,B,IREG) * 1. WTM05340
        ENDIF WTM05350
300    CONTINUE WTM05360
113    CONTINUE WTM05370
*
*----- policy specification ----- WTM05380

```

Appendix A2: COMPUTER PROGRAM - FRUITS AND VEGETABLES

```

*                                         WTM05450
DO 63 IREG = 1,NREG-1                   WTM05460
DO 64 B1 = 1,NPROS                      WTM05470
    B = PROSEL(B1)                         WTM05480
*
*
*                                         WTM05490
*                                         WTM05500
IF(PRPWCH.EQ.'YES') THEN                WTM05510
    *** prod. tariff change             WTM05520
    XTRBE(IREG,B1) = XSCE(TBES,B,IREG) * WTM05530
    >                                     XPOL(TRBE,B,IREG)          WTM05540
    XNTBE(IREG,B1) = XSCE(NBES,B,IREG) * WTM05550
    >                                     XPOL(NTBE,B,IREG)          WTM05560
*
*                                         WTM05570
ELSE                                    WTM05580
    XTRBE(IREG,B1) = 0.                  WTM05590
    XNTBE(IREG,B1) = 0.                  WTM05600
ENDIF                                    WTM05610
XPOL(PINE,B,IREG)=XDIVI4((1.+          WTM05620
    (XPOL(TRBE,B,IREG)-XTRBE(IREG,B1))), WTM05630
    (1.+XPOL(TRBE,B,IREG))) *           WTM05640
    XDIVI4((1.+          WTM05650
    (XPOL(NTBE,B,IREG)-XNTBE(IREG,B1))), WTM05660
    (1.+XPOL(NTBE,B,IREG)))           WTM05670
*
*                                         WTM05680
*                                         WTM05690
IF(CSPWCH.EQ.'YES') THEN                WTM05700
    *** prod. tariff change             WTM05710
    XTRBI(IREG,B1) = XSCE(TBIS,B,IREG) * WTM05720
    >                                     XPOL(TRBI,B,IREG)          WTM05730
    XNTBI(IREG,B1) = XSCE(NBIS,B,IREG) * WTM05740
    >                                     XPOL(NTBI,B,IREG)          WTM05750
*
*                                         WTM05760
ELSE                                    WTM05770
    XTRBI(IREG,B1) = 0.                  WTM05780
    XNTBI(IREG,B1) = 0.                  WTM05790
ENDIF                                    WTM05800
XPOL(PINI,B,IREG)=XDIVI4((1.+          WTM05810
    (XPOL(TRBI,B,IREG)-XTRBI(IREG,B1))), WTM05820
    (1.+XPOL(TRBI,B,IREG))) *           WTM05830
    XDIVI4((1.+          WTM05840
    (XPOL(NTBI,B,IREG)-XNTBI(IREG,B1))), WTM05850
    (1.+XPOL(NTBI,B,IREG)))           WTM05860
*
*                                         WTM05870
64      CONTINUE                         WTM05880
63      CONTINUE                         WTM05890
*
***** MODEL SOLUTION *****              WTM05900
*
* ----- get time & date, log -----   WTM05910
*
MESSAG(1) = 'Model Solution...'          WTM05920
CALL MESSA1(MESSAG,1,.FALSE.,DUMMY)     WTM05930
CALL TIME(TIME8,DATE8)                  WTM05940
MESSAG(1) = '... Start solving procedure at '//TIME8 WTM05950
CALL MESSA1(MESSAG,1,.FALSE.,DUMMY)     WTM05960
*
* ----- generation of new equilibrium solution ----- WTM05970
*
*
*** exact unconstrained solution       WTM05980
K = NPROS+1                            WTM05990
M = NPROS                               WTM06000
*
CALL WTMXVF(NREG-1,KDIM,MDIM,K,M,IEV2,   WTM06010
    > XEXP,XIMP,                           WTM06020
    > XDP1,XSUM,XB1,XB2,                  WTM06030
    > RC)                                WTM06040
*
IF(RC.GT.0) THEN                         WTM06050
                                         WTM06060
                                         WTM06070
                                         WTM06080
                                         WTM06090
                                         WTM06100
                                         WTM06110
                                         WTM06120

```

Appendix A2: COMPUTER PROGRAM - FRUITS AND VEGETABLES

```

MESSAG(1) = '*** Error, can''t solve the problem,'          WTM06130
MESSAG(2) = '                                see protocol file, exit'   WTM06140
CALL MESSA1(MESSAG,2,.TRUE.,DUMMY)                         WTM06150
GO TO 555                                                 WTM06160
ENDIF                                                 WTM06170
*
*----- get date & time, log ----- WTM06180
*
CALL TIME(TIME8,DATE8)                                     WTM06210
MESSAG(1) = '... End solving procedure at    //TIME8      WTM06220
CALL MESSA1(MESSAG,1,.FALSE.,DUMMY)                         WTM06230
*
*****PREPARE AND PRINT RESULTS***** WTM06240
*                                         WTM06250
*                                         WTM06260
*                                         WTM06270
*                                         WTM06280
*----- Print world market price changes ----- WTM06290
*                                         WTM06300
*                                         WTM06310
*                                         WTM06320
*                                         WTM06330
WRITE(PRNOUT,'(/2X,A)') 'Price changes:'                  WTM06340
WRITE(PRNOUT,'(/2X,4A)')
>     'PERIOD: ',YEARS(IYEAR),'-',YEARS(IYEAR+1)        WTM06350
DO 404 B1=1,NPROS                                         WTM06360
B = PROSEL(B1)                                            WTM06370
WTM06380
*
WRITE(PRNOUT,'(1X,2A,F20.2,A)')                           WTM06390
>     TPRO(B),' = ',XDP1(IEV2,B1)*100.,'%'
404 CONTINUE                                              WTM06400
WTM06410
*
*----- prepare simulation results ----- WTM06420
*                                         WTM06430
*                                         WTM06440
*                                         WTM06450
*                                         WTM06460
*                                         WTM06470
MESSAG(1) = 'Process Simulation Results...'             WTM06480
CALL MESSA1(MESSAG,1,.FALSE.,DUMMY)                         WTM06490
*
*----- PROCESS RESULTS FOR FIRST YEAR ----- WTM06500
*                                         WTM06510
*                                         WTM06520
IF (IYEAR.EQ.1) THEN                                      WTM06530
WTM06540
*
*                                         *** INDIVIDUAL REGIONS, WTM06550
*                                         *** ROW, WOR           WTM06560
DO 800 C1 = 1,NPROP                                     WTM06570
DO 800 L = 1,NELEM                                     WTM06580
XSIM(L,IYEAR,IROW,C1)= 0.                               WTM06590
800 CONTINUE                                              WTM06600
WTM06610
*
DO 910 IREG = 1,NREG-1                                  WTM06620
WTM06630
SELROW = 1                                               WTM06640
DO 911 IREGP = 1,NREGP                                 WTM06650
IF (REGIOP(IREGP).EQ.REGION(IREG)) THEN               WTM06660
SELROW = 0                                               WTM06670
GOTO 912                                               WTM06680
ENDIF                                                 WTM06690
911     CONTINUE                                         WTM06700
912     CONTINUE                                         WTM06710
*
DO 920 B1 = 1,NPROS                                     WTM06720
B = PROSEL(B1)
*
SELPROM = 0                                              WTM06730
DO 921 C1 = 1,NPROP                                     WTM06740
IF (PRODUP(C1).EQ.TPRO(B)) THEN                         WTM06750
SELPROM = 1                                             WTM06760
GOTO 922                                               WTM06770
WTM06780
SELPROM = 1                                             WTM06790
GOTO 922                                               WTM06800
WTM06810

```

Appendix A2: COMPUTER PROGRAM - FRUITS AND VEGETABLES

```

        ENDIF                                WTM06810
921      CONTINUE                            WTM06820
922      CONTINUE                            WTM06830
*
*           IF (SELPRO.EQ.1) THEN          *** ROW
*           IF (SELROW.EQ.1) THEN
*
*               DO 923 L = 1,NELEM-4
*                   IF (L.EQ.4.OR.L.EQ.5) THEN
*                       XSIM(L,IYEAR,IROW,C1)=
*                           XSIM(L,IYEAR,IROW,C1) +
*                           XTRADE(L,IREG,B)
*                   ELSE
*                       XSIM(L,IYEAR,IROW,C1)=
*                           XSIM(L,IYEAR,IROW,C1) +
*                           XTRADE(L,IREG,B)
*               ENDIF
923      CONTINUE                            WTM06980
XSIM(PUVEX,IYEAR,IROW,C1)=
*                           XSIM(PUVEX,IYEAR,IROW,C1) +
*                           XTRADE(PUVEX,IREG,B)*XTRADE(PPEXP,IREG,B)
XSIM(PUVIM,IYEAR,IROW,C1)=
*                           XSIM(PUVIM,IYEAR,IROW,C1) +
*                           XTRADE(PUVIM,IREG,B)*XTRADE(PPIMP,IREG,B)
XSIM(PUVPR,IYEAR,IROW,C1)=
*                           XSIM(PUVPR,IYEAR,IROW,C1) +
*                           XTRADE(PUVEX,IREG,B)*(XPOL(TRBE,IREG,B)+1.)
*                           *(XPOL(NTBE,IREG,B)+1.) *
*                           XTRADE(PPEXP,IREG,B)
XSIM(PUVCO,IYEAR,IROW,C1)=
*                           XSIM(PUVCO,IYEAR,IROW,C1) +
*                           XTRADE(PUVIM,IREG,B)*(XPOL(TRBI,IREG,B)+1.)
*                           *(XPOL(NTBI,IREG,B)+1.) *
*                           XTRADE(PPIMP,IREG,B)
*
*           ELSE
*               *** all other regions
*               DO 924 L = 1,NELEM-2
*                   IF (L.EQ.4.OR.L.EQ.5) THEN
*                       XSIM(L,IYEAR,IREGP,C1)=
*                           XTRADE(L,IREG,B)
*                   ELSE
*                       XSIM(L,IYEAR,IREGP,C1)=
*                           XTRADE(L,IREG,B)
*               ENDIF
924      CONTINUE                            WTM07260
XSIM(PUVPR,IYEAR,IREGP,C1)=
*                           XTRADE(PUVEX,IREG,B)*(XPOL(TRBE,IREG,B)+1.)
*                           *(XPOL(NTBE,IREG,B)+1.)
XSIM(PUVCO,IYEAR,IREGP,C1)=
*                           XTRADE(PUVIM,IREG,B)*(XPOL(TRBI,IREG,B)+1.)
*                           *(XPOL(NTBI,IREG,B)+1.)
*
*           ENDIF
ENDIF
*
920      CONTINUE                            WTM07380
910      CONTINUE                            WTM07390
*
*           *** ROW
DO 930 C1 = 1,NPROP
XSIM(PUVEX,IYEAR,IROW,C1)=
*                           XSIM(PUVEX,IYEAR,IROW,C1)/XSIM(PPEXP,IYEAR,IROW,C1)
XSIM(PUVIM,IYEAR,IROW,C1)=
*                           XSIM(PUVIM,IYEAR,IROW,C1)/XSIM(PPIMP,IYEAR,IROW,C1)
XSIM(PUVPR,IYEAR,IROW,C1)=
*                           XSIM(PUVPR,IYEAR,IROW,C1)/XSIM(PPEXP,IYEAR,IROW,C1)
XSIM(PUVCO,IYEAR,IROW,C1)=

```

Appendix A2: COMPUTER PROGRAM - FRUITS AND VEGETABLES

```

>      XSIM(PUVCO,IYEAR,IROW,C1)/XSIM(PPIMP,IYEAR,IROW,C1)      WTM07490
930    CONTINUE                                              WTM07500
*          *** WOR                                              WTM07510
DO 931 B1 = 1,NPROS                                         WTM07520
B = PROSEL(B1)                                              WTM07530
*
SELPRO = 0                                                 WTM07540
DO 932 C1 = 1,NPROP                                         WTM07550
IF (PRODUP(C1).EQ.TPRO(B)) THEN                           WTM07560
SELPRO = 1                                                 WTM07570
GOTO 933                                                 WTM07580
ENDIF                                                 WTM07590
932    CONTINUE                                              WTM07600
933    CONTINUE                                              WTM07610
*
IF (SELPRO.EQ.1) THEN                                         WTM07620
DO 934 L = 1,NELEM                                         WTM07630
IF (L.EQ.4.OR.L.EQ.5) THEN                               WTM07640
XSIM(L,IYEAR,IREGW,C1)=                                     WTM07650
XTRADE(L,NREG,B)                                         WTM07660
>          ELSE                                              WTM07670
XSIM(L,IYEAR,IREGW,C1)=                                     WTM07680
>          XTRADE(L,NREG,B)                                         WTM07690
ENDIF                                                 WTM07700
934    CONTINUE                                              WTM07710
ENDIF                                                 WTM07720
WTM07730
WTM07740
WTM07750
WTM07760
WTM07770
WTM07780
WTM07790
WTM07800
WTM07810
DO 980 IAGGP = 1,NAGGP                                         WTM07820
*
DO 988 C1 = 1,NPROP                                         WTM07830
DO 988 L = 1,NELEM                                         WTM07840
XAGG(L,IYEAR,IAGGP,C1)= 0.                                 WTM07850
988    CONTINUE                                              WTM07860
*
DO 981 B1 = 1,NPROS                                         WTM07870
B = PROSEL(B1)                                              WTM07880
*
SELPRO = 0                                                 WTM07890
DO 982 C1 = 1,NPROP                                         WTM07900
IF (PRODUP(C1).EQ.TPRO(B)) THEN                           WTM07910
SELPRO = 1                                                 WTM07920
GOTO 983                                                 WTM07930
ENDIF                                                 WTM07940
982    CONTINUE                                              WTM07950
983    CONTINUE                                              WTM07960
*
IF (SELPRO.EQ.1) THEN                                         WTM07970
*          *** individual regions                            WTM07980
DO 984 IAGG = 1,MAXAGG                                         WTM07990
*
IF(AGGREG(IAGG).EQ.AGGREP(IAGGP)) THEN                   WTM08000
DO 985 A = IAGG+1,MAXAGG                                         WTM08010
IF (AGGREG(A).EQ.'==') THEN                                WTM08020
GOTO 986                                                 WTM08030
ELSE
A1 = IFINDC(AGGREG(A),TREG,NREG,1)                         WTM08040
DO 987 L = 1,NELEM-4                                         WTM08050
XAGG(L,IYEAR,IAGGP,C1) =                                     WTM08060
XAGG(L,IYEAR,IAGGP,C1) +                                     WTM08070
XTRADE(L,A1,B)                                         WTM08080
>          CONTINUE                                              WTM08090
>          XAGG(PUVEV,IYEAR,IAGGP,C1)=                         WTM08100
987    XAGG(PUVEV,IYEAR,IAGGP,C1)=                         WTM08110
>          XAGG(PUVEV,IYEAR,IAGGP,C1) +                         WTM08120
>                                              WTM08130
WTM08140
WTM08150
WTM08160

```

Appendix A2: COMPUTER PROGRAM - FRUITS AND VEGETABLES

```

>          XTRADE(PUVEX,A1,B) *           WTM08170
>          XTRADE(PPEXP,A1,B)           WTM08180
>          XAGG(PUVIM,IYEAR,IAGGP,C1)=   WTM08190
>          XAGG(PUVIM,IYEAR,IAGGP,C1) +   WTM08200
>          XTRADE(PUVIM,A1,B) *           WTM08210
>          XTRADE(PPIMP,A1,B)           WTM08220
>          XAGG(PUVPR,IYEAR,IAGGP,C1)=   WTM08230
>          XAGG(PUVPR,IYEAR,IAGGP,C1) +   WTM08240
>          XTRADE(PUVEK,IREG,B)*         WTM08250
>          (XPOL(TRBE,IREG,B)+1.)       WTM08260
>          *(XPOL(NTBE,IREG,B)+1.) *     WTM08270
>          XTRADE(PPEXP,IREG,B)         WTM08280
>          XAGG(PUVCO,IYEAR,IAGGP,C1)=   WTM08290
>          XAGG(PUVCO,IYEAR,IAGGP,C1) +   WTM08300
>          XTRADE(PUVIM,IREG,B)*         WTM08310
>          (XPOL(TRBI,IREG,B)+1.)       WTM08320
>          *(XPOL(NTBI,IREG,B)+1.) *     WTM08330
>          XTRADE(PPIMP,IREG,B)         WTM08340
>          ENDIF                         WTM08350
985      CONTINUE                      WTM08360
>          ENDIF                         WTM08370
*          *
984      CONTINUE                      WTM08380
986      CONTINUE                      WTM08390
>          XAGG(PUVEX,IYEAR,IAGGP,C1)=   WTM08400
>          XDIVI4(XAGG(PUVEX,IYEAR,IAGGP,C1),   WTM08410
>          XAGG(PPEXP,IYEAR,IAGGP,C1))         WTM08420
>          XAGG(PUVIM,IYEAR,IAGGP,C1)=   WTM08430
>          XDIVI4(XAGG(PUVIM,IYEAR,IAGGP,C1),   WTM08440
>          XAGG(PPIMP,IYEAR,IAGGP,C1))         WTM08450
>          XAGG(PUVPR,IYEAR,IAGGP,C1)=   WTM08460
>          XDIVI4(XAGG(PUVPR,IYEAR,IAGGP,C1),   WTM08470
>          XAGG(PPEXP,IYEAR,IAGGP,C1))         WTM08480
>          XAGG(PUVCO,IYEAR,IAGGP,C1)=   WTM08490
>          XDIVI4(XAGG(PUVCO,IYEAR,IAGGP,C1),   WTM08500
>          XAGG(PPIMP,IYEAR,IAGGP,C1))         WTM08510
>          XAGG(PPIMP,IYEAR,IAGGP,C1))         WTM08520
>          ENDIF                         WTM08530
981      CONTINUE                      WTM08540
980      CONTINUE                      WTM08550
*          *
ENDIF                         WTM08560
*          *
----- all other years -----
*          *
*** reset arrays                         WTM08600
DO 940 C1 = 1,NPROP                     WTM08610
DO 940 L = 1,NELEM                      WTM08620
XSIM(L,IYEAR+1,IREGW,C1)= 0.             WTM08630
XSIM(L,IYEAR+1,IROW,C1)= 0.              WTM08640
940  CONTINUE                      WTM08650
*          *
DO 941 B1 = 1,NPROS                     WTM08660
DO 941 L = 1,NELEM-4                   WTM08670
B = PROSEL(B1)                         WTM08680
XTRADE(L,NREG,B)= 0.                   WTM08690
941  CONTINUE                      WTM08700
*          *
DO 950 IREG=1,NREG-1                   WTM08710
SELROW = 1                            WTM08720
DO 951 IREGP = 1,NREGP                 WTM08730
IF (REGIOP(IREGP).EQ.REGION(IREG)) THEN WTM08740
SELROW = 0                            WTM08750
GOTO 952                            WTM08760
ENDIF                         WTM08770
951  CONTINUE                      WTM08780
*          *
*          *** INDIVIDUAL REGIONS,        WTM08790
*          *** WOR, ROW                  WTM08800
DO 950 IREG=1,NREG-1                   WTM08810
SELROW = 1                            WTM08820
DO 951 IREGP = 1,NREGP                 WTM08830
IF (REGIOP(IREGP).EQ.REGION(IREG)) THEN WTM08840
SELROW = 0                            WTM08850
GOTO 952                            WTM08860
ENDIF                         WTM08870
951  CONTINUE                      WTM08880

```

Appendix A2: COMPUTER PROGRAM - FRUITS AND VEGETABLES

```

952      CONTINUE                                         WTM08850
*
DO 960 B1 = 1,NPROS                                WTM08860
B = PROSEL(B1)                                       WTM08870
SELPRO = 0                                           WTM08880
DO 961 C1 = 1,NPROP                                 WTM08890
IF (PRODUP(C1).EQ.TPRO(B)) THEN                   WTM08900
SELPRO = 1                                         WTM08910
GOTO 962                                         WTM08920
ENDIF                                              WTM08930
961      CONTINUE                                         WTM08940
962      CONTINUE                                         WTM08950
*
XTRADE(PPEXP,IREG,B)= XEXP(IREG,B1)                WTM08960
XTRADE(PPIMP,IREG,B)= XIMP(IREG,B1)                 WTM08970
*
*** compute new base year array (XTRADE)          WTM08980
*
DO 963 D1=1,NPROS                                 WTM08990
D = PROSEL(D1)                                     WTM09000
                                         Export/Import Quantity   WTM09010
                                         WTM09020
XTRADE(PPEXP,IREG,B)= XTRADE(PPEXP,IREG,B) +     WTM09030
XEXP(IREG,B1) *                                     WTM09040
> (XEPSS(D,B,IREG) * ((XDP1(IEV2,D1)+1.) *     WTM09050
> XPOL(PINE,D,IREG) - 1.))                         WTM09060
*
XTRADE(PPIMP,IREG,B)= XTRADE(PPIMP,IREG,B) +       WTM09070
XIMP(IREG,B1) *                                     WTM09080
> (XEPSS(D,B,IREG) * ((XDP1(IEV2,D1)+1.) *     WTM09090
> XPOL(PINI,D,IREG) - 1.))                         WTM09100
*
963      CONTINUE                                         WTM09110
*
                                         *** Unit Values Export/Import   WTM09120
XTRADE(PUVEX,IREG,B) = XTRADE(PUVEX,IREG,B) *      WTM09130
> (1.+XDP1(IEV2,B1))                               WTM09140
*
XTRADE(PUVIM,IREG,B) = XTRADE(PUVIM,IREG,B) *      WTM09150
> (1.+XDP1(IEV2,B1))                               WTM09160
*
                                         *** Export/Import Value        WTM09170
*
XTRADE(PVEXP,IREG,B)= XTRADE(PPEXP,IREG,B) *      WTM09180
> XTRADE(PUVEX,IREG,B) / 1000                      WTM09190
*
XTRADE(PVIMP,IREG,B)= XTRADE(PPIMP,IREG,B) *      WTM09200
> XTRADE(PUVIM,IREG,B) / 1000                      WTM09210
*
                                         *** Net Trade                  WTM09220
*
XTRADE(PNETP,IREG,B)=XTRADE(PPEXP,IREG,B)-      WTM09230
XTRADE(PPIMP,IREG,B)                               WTM09240
*
                                         *** Policy Parameters        WTM09250
XPOL(TRBE,B,IREG) =                               WTM09260
> XPOL(TRBE,B,IREG) -                           WTM09270
> XTRBE(IREG,B1)                                WTM09280
XPOL(NTBE,B,IREG) =                               WTM09290
> XPOL(NTBE,B,IREG) -                           WTM09300
> XNTBE(IREG,B1)                                WTM09310
*
                                         *** Producer Unit Value      WTM09320
*
XTRADE(PUVPR,IREG,B) = XTRADE(PUVEX,IREG,B) *     WTM09330
> (XPOL(TRBE,B,IREG) + 1.) *                     WTM09340
> (XPOL(NTBE,B,IREG) + 1.)                         WTM09350
*
                                         *** Policy Parameters        WTM09360

```

Appendix A2: COMPUTER PROGRAM - FRUITS AND VEGETABLES

```

XPOL(TRBI,B,IREG) = WTM09530
> XPOL(TRBI,B,IREG) = WTM09540
> XTRB(E(IREG,B1)) = WTM09550
> XPOL(NTBI,B,IREG) = WTM09560
> XPOL(NTBI,B,IREG) = WTM09570
> XNTBI(IREG,B1) = WTM09580
* *** Consumer Unit Value WTM09590
*
* XTRADE(PUVCO,IREG,B) = XTRADE(PUVIM,IREG,B) * WTM09610
> (XPOL(TRBI,B,IREG) + 1.) * WTM09620
> (XPOL(NTBI,B,IREG) + 1.) WTM09630
* *** WORLD WTM09640
* DO 964 L = 1,NELEM-4 WTM09650
IF (L.NE.3) THEN WTM09660
XTRADE(L,NREG,B) = XTRADE(L,NREG,B) + WTM09670
> XTRADE(L,IREG,B) WTM09680
ENDIF WTM09690
964 CONTINUE WTM09700
* IF (SELPROM.EQ.1) THEN WTM09710
* *** ROW WTM09720
* IF (SELROW.EQ.1) THEN WTM09730
* DO 965 L = 1,NELEM-4 WTM09740
XSIM(L,IYEAR+1,IROW,C1)= WTM09770
> XSIM(L,IYEAR+1,IROW,C1) + WTM09780
> XTRADE(L,IREG,B) WTM09790
965 CONTINUE WTM09800
XSIM(PUVEX,IYEAR+1,IROW,C1)= WTM09810
> XSIM(PUVEX,IYEAR+1,IROW,C1) + WTM09820
> XTRADE(PUVEX,IREG,B)*XTRADE(PPEXP,IREG,B) WTM09830
XSIM(PUVIM,IYEAR+1,IROW,C1)= WTM09840
> XSIM(PUVIM,IYEAR+1,IROW,C1) + WTM09850
> XTRADE(PUVIM,IREG,B)*XTRADE(PPIMP,IREG,B) WTM09860
XSIM(PUVPR,IYEAR+1,IROW,C1)= WTM09870
> XSIM(PUVPR,IYEAR+1,IROW,C1) + WTM09880
> XTRADE(PUVPR,IREG,B)*XTRADE(PPEXP,IREG,B) WTM09890
XSIM(PUVCO,IYEAR+1,IROW,C1)= WTM09900
> XSIM(PUVCO,IYEAR+1,IROW,C1) + WTM09910
> XTRADE(PUVCO,IREG,B)*XTRADE(PPIMP,IREG,B) WTM09920
* *** individual regions WTM09930
* ELSE WTM09940
* WTM09950
* DO 966 L = 1,NELEM WTM09960
XSIM(L,IYEAR+1,IREGP,C1)= XTRADE(L,IREG,B) WTM09970
966 CONTINUE WTM09980
* WTM09990
* ENDIF WTM10000
ENDIF WTM10010
* WTM10020
* WTM10030
960 CONTINUE WTM10040
950 CONTINUE WTM10050
* *** ROW WTM10060
DO 970 C1 = 1,NPROP WTM10070
XSIM(PUVEX,IYEAR+1,IROW,C1)= XSIM(PUVEX,IYEAR+1,IROW,C1) / WTM10080
> XSIM(PPEXP,IYEAR+1,IROW,C1) WTM10090
XSIM(PUVIM,IYEAR+1,IROW,C1)= XSIM(PUVIM,IYEAR+1,IROW,C1) / WTM10100
> XSIM(PPIMP,IYEAR+1,IROW,C1) WTM10110
XSIM(PUVPR,IYEAR+1,IROW,C1)= XSIM(PUVPR,IYEAR+1,IROW,C1) / WTM10120
> XSIM(PPEXP,IYEAR+1,IROW,C1) WTM10130
XSIM(PUVCO,IYEAR+1,IROW,C1)= XSIM(PUVCO,IYEAR+1,IROW,C1) / WTM10140
> XSIM(PPIMP,IYEAR+1,IROW,C1) WTM10150
970 CONTINUE WTM10160
* WTM10170
* WTM10180
* DO 971 B1 = 1,NPROS WTM10190
B = PROSEL(B1) WTM10200

```

Appendix A2: COMPUTER PROGRAM - FRUITS AND VEGETABLES

```

*           *** WOR                               WTM10210
SELPRO = 0                               WTM10220
DO 972 C1 = 1,NPROP                         WTM10230
  IF (PRODUP(C1).EQ.TPRO(B)) THEN          WTM10240
    SELPRO = 1                             WTM10250
    GOTO 973                           WTM10260
  ENDIF                                WTM10270
972   CONTINUE                            WTM10280
973   CONTINUE                            WTM10290
*
XTRADE(PNETP,NREG,B) = XTRADE(PPEXP,NREG,B) - WTM10310
>      XTRADE(PPIMP,NREG,B)                  WTM10320
XTRADE(PUVEX,NREG,B) = XTRADE(PUVEX,NREG,B) * WTM10330
>      (1.+XDP1(IEV2,B1))                  WTM10340
XTRADE(PUVIM,NREG,B) = XTRADE(PUVIM,NREG,B) * WTM10350
>      (1.+XDP1(IEV2,B1))                  WTM10360
*
IF (SELPRO.EQ.1) THEN                      WTM10370
  DO 975 L = 1,NELEM                     WTM10380
    XSIM(L,IYEAR+1,IREGW,C1) = XTRADE(L,NREG,B) WTM10390
975   CONTINUE                            WTM10400
  ENDIF                                WTM10410
971   CONTINUE                            WTM10420
*
*
*           *** AGGREGATES                   WTM10430
*
DO 990 IAGGP = 1,NAGGP                    WTM10440
*
*
DO 998 C1 = 1,NPROP                         WTM10450
DO 998 L = 1,NELEM                         WTM10460
  XAGG(L,IYEAR+1,IAGGP,C1)= 0.            WTM10470
998   CONTINUE                            WTM10480
*
DO 991 B1 = 1,NPROS                         WTM10490
  B = PROSEL(B1)                         WTM10500
*
  SELPRO = 0                            WTM10510
  DO 992 C1 = 1,NPROP                     WTM10520
    IF (PRODUP(C1).EQ.TPRO(B)) THEN        WTM10530
      SELPRO = 1                         WTM10540
      GOTO 993                           WTM10550
    ENDIF                                WTM10560
992   CONTINUE                            WTM10570
993   CONTINUE                            WTM10580
*
IF (SELPRO.EQ.1) THEN                      WTM10590
  DO 994 IAGG = 1,MAXAGG                  WTM10600
*
  IF (AGGREG(IAGG).EQ.AGGREP(IAGGP)) THEN WTM10610
    DO 995 A = IAGG+1,MAXAGG             WTM10620
      IF (AGGREG(A).EQ.'==') THEN        WTM10630
        GOTO 996                           WTM10640
      ELSE                                WTM10650
        A1 = IFINDC(AGGREG(A),TREG,NREG,1) WTM10660
        DO 997 L = 1,NELEM-4              WTM10670
          XAGG(L,IYEAR+1,IAGGP,C1) =      WTM10680
          XAGG(L,IYEAR+1,IAGGP,C1) +     WTM10690
          XTRADE(L,A1,B)                 WTM10700
        *
        >      CONTINUE                         WTM10710
        >      XAGG(PUVEX,IYEAR+1,IAGGP,C1)= WTM10720
        >      XAGG(PUVEX,IYEAR+1,IAGGP,C1) + WTM10730
        >      XTRADE(PUVEX,A1,B) *           WTM10740
        >      XTRADE(PPEXP,A1,B)           WTM10750
        >      XAGG(PUVIM,IYEAR+1,IAGGP,C1)= WTM10760
        >      XAGG(PUVIM,IYEAR+1,IAGGP,C1) + WTM10770
        >      XTRADE(PUVIM,A1,B) *           WTM10780
        >      XTRADE(PPEXP,A1,B)           WTM10790
        >      XAGG(PUVIM,IYEAR+1,IAGGP,C1)= WTM10800
        >      XAGG(PUVIM,IYEAR+1,IAGGP,C1) + WTM10810
        >      XTRADE(PUVIM,A1,B) *           WTM10820
        >
997   CONTINUE                            WTM10830
        >      XAGG(PUVEX,IYEAR+1,IAGGP,C1)= WTM10840
        >      XAGG(PUVEX,IYEAR+1,IAGGP,C1) + WTM10850
        >      XTRADE(PPEXP,A1,B)           WTM10860
        >      XAGG(PUVIM,IYEAR+1,IAGGP,C1)= WTM10870
        >      XAGG(PUVIM,IYEAR+1,IAGGP,C1) + WTM10880
        >      XTRADE(PUVIM,A1,B) *           WTM10890

```

Appendix A2: COMPUTER PROGRAM - FRUITS AND VEGETABLES

```

>          XTRADE(PPIMP,A1,B)           WTM10890
>          XAGG(PUVPR,IYEAR+1,IAGGP,C1)= WTM10900
>          XAGG(PUVPR,IYEAR+1,IAGGP,C1) + WTM10910
>          XTRADE(PUVPR,A1,B) *        WTM10920
>          XTRADE(PPEXP,A1,B)         WTM10930
>          XAGG(PUVCO,IYEAR+1,IAGGP,C1)= WTM10940
>          XAGG(PUVCO,IYEAR+1,IAGGP,C1) + WTM10950
>          XTRADE(PUVCO,A1,B) *        WTM10960
>          XTRADE(PPIMP,A1,B)         WTM10970
>          ENDIF                      WTM10980
995      CONTINUE                     WTM10990
>          ENDIF                      WTM11000
*
994      CONTINUE                     WTM11010
996      CONTINUE                     WTM11020
XAGG(PUVEX,IYEAR+1,IAGGP,C1)= WTM11030
>          XDIVI4(XAGG(PUVEX,IYEAR+1,IAGGP,C1), WTM11040
>          XAGG(PPEXP,IYEAR+1,IAGGP,C1))       WTM11050
XAGG(PUVIM,IYEAR+1,IAGGP,C1)= WTM11060
>          XDIVI4(XAGG(PUVIM,IYEAR+1,IAGGP,C1), WTM11070
>          XAGG(PPIMP,IYEAR+1,IAGGP,C1))       WTM11080
XAGG(PUVPR,IYEAR+1,IAGGP,C1)= WTM11090
>          XDIVI4(XAGG(PUVPR,IYEAR+1,IAGGP,C1), WTM11100
>          XAGG(PPEXP,IYEAR+1,IAGGP,C1))       WTM11110
XAGG(PUVCO,IYEAR+1,IAGGP,C1)= WTM11120
>          XDIVI4(XAGG(PUVCO,IYEAR+1,IAGGP,C1), WTM11130
>          XAGG(PPIMP,IYEAR+1,IAGGP,C1))       WTM11140
>          XDIVI4(XAGG(PUVCO,IYEAR+1,IAGGP,C1), WTM11150
>          XAGG(PPIMP,IYEAR+1,IAGGP,C1))       WTM11160
ENDIF                      WTM11170
*
991      CONTINUE                     WTM11180
990      CONTINUE                     WTM11190
*
5  CONTINUE                     WTM11200
*
----- WTM11220
*
*          Print Prices 1990 -2010          WTM11230
*----- WTM11240
*----- WTM11250
*----- WTM11260
DO 500 B = 1,NPROP             WTM11270
    XPRICES(B) = (XDIVI4(XSIM(PUVEX,NYEARS,IREGW,B),
>                      XSIM(PUVEX,1,IREGW,B))) - 1   WTM11280
500  CONTINUE                     WTM11290
*
WRITE(PRNOUT,'(/2X,A)') 'Price changes:'          WTM11300
WRITE(PRNOUT,'(/2X,A)') '1985 - 2010'            WTM11310
*
DO 501 B1 = 1,NPROP             WTM11320
    WRITE(PRNOUT,'(1X,2A,F20.2,A)')
    >      PRODUP(B1),' = ',XPRICES(B1)*100.,'%'
501  CONTINUE                     WTM11330
*
----- WTM11340
*
*          Print simulation results          WTM11350
*----- WTM11360
*----- WTM11370
*----- WTM11380
*----- WTM11390
*----- WTM11400
*
*          Print simulation results          WTM11410
*----- WTM11420
*----- WTM11430
MESSAG(1) = 'PRINT SIMULATION RESULTS'          WTM11440
CALL MESSA1(MESSAG,1,.FALSE.,DUMMY)            WTM11450
*
*
----- Print Output Tables -----          WTM11460
*
MESSAG(1) = 'Print Output tables...'          WTM11470
CALL MESSA1(MESSAG,1,.FALSE.,DUMMY)            WTM11480
*
IF (REGAG1.EQ.'YES') THEN                  WTM11490
*
----- individual regions -----          WTM11500
*

```

Appendix A2: COMPUTER PROGRAM - FRUITS AND VEGETABLES

```

DO 440 B1 = 1,NREGP
DO 441 C1 = 1,NPROP
               *** scaling
DO 442 IYEAR = 1,NYEARS
DO 443 L = 1,NELEM-4
      XSIM(L,IYEAR,B1,C1) = XSIM(L,IYEAR,B1,C1)/ 1000.
CONTINUE
442    CONTINUE
*
IF (PERIOD.EQ.'NO ') THEN
DO 444 L = 1,NELEM
      XSIM(L,2,B1,C1) = XSIM(L,NYEARS,B1,C1)
CONTINUE
NYEAP = 2
YEARS(2) = SYEAR
ELSE
NYEAP = NYEARS
ENDIF
*
HEADER(1) = 'PRODUCT: //PRODUP(C1)//' ,REGION: '//  

>      REGIOP(B1)
*
CALL TABOU1(HEADER,1,FOOTER,0,  

>           XSIM(1,1,B1,C1),'CLT',NELEM,MAXYEA,1,  

>           NELE ,NYEAP ,1,  

>           TELE,YEARS,' ',  

>           DUMMY)
*
441    CONTINUE
440    CONTINUE
*
*----- Rest of the World -----
*
DO 460 B1 = NREGP+2,NREGP+2
DO 461 C1 = 1,NPROP
               *** scaling
DO 462 IYEAR = 1,NYEARS
DO 463 L = 1,NELEM-4
      XSIM(L,IYEAR,B1,C1) = XSIM(L,IYEAR,B1,C1)/ 1000.
463    CONTINUE
462    CONTINUE
*
IF (PERIOD.EQ.'NO ') THEN
DO 464 L = 1,NELEM
      XSIM(L,2,B1,C1) = XSIM(L,NYEARS,B1,C1)
464    CONTINUE
NYEAP = 2
YEARS(2) = SYEAR
ELSE
NYEAP = NYEARS
ENDIF
*
HEADER(1) = 'PRODUCT: //PRODUP(C1)//' ,REGION: '//  

>      REGIOP(B1)
*
CALL TABOU1(HEADER,1,FOOTER,0,  

>           XSIM(1,1,B1,C1),'CLT',NELEM,MAXYEA,1,  

>           NELE ,NYEAP ,1,  

>           TELE,YEARS,' ',  

>           DUMMY)
*
461    CONTINUE
460    CONTINUE
ENDIF
*
*----- Aggregates -----

```

Appendix A2: COMPUTER PROGRAM - FRUITS AND VEGETABLES

```

*           IF (REGAG2.EQ.'YES') THEN                                WTM12250
*           DO 450 B1 = 1,NAGGP                                     WTM12260
*               DO 451 C1 = 1,NPROP                                    WTM12270
*                   *** scaling                                     WTM12280
*                   DO 452 IYEAR = 1,NYEARS                         WTM12290
*                       DO 453 L = 1,NELEM-4                      WTM12300
*                           XAGG(L,IYEAR,B1,C1) = XAGG(L,IYEAR,B1,C1)/1000. WTM12310
453             CONTINUE                                         WTM12320
452             CONTINUE                                         WTM12330
*           IF (PERIOD.EQ.'NO ') THEN                                WTM12340
*               DO 454 L = 1,NELEM                                    WTM12350
*                   XAGG(L,2,B1,C1) = XAGG(L,NYEARS,B1,C1)          WTM12360
454             CONTINUE                                         WTM12370
*               NYEAP = 2                                         WTM12380
*               YEARS(2) = SYEAR                                    WTM12390
*               ELSE                                              WTM12400
*                   NYEAP = NYEARS                                 WTM12410
*               ENDIF                                            WTM12420
*               ELSE                                              WTM12430
*                   NYEAP = NYEARS                                 WTM12440
*               ENDIF                                            WTM12450
*               HEADER(1) = 'PRODUCT: //PRODUP(C1)// ,REGION: //'
*                   AGGREP(B1)                                    WTM12460
*               CALL TABOU1(HEADER,1,FOOTER,0,
*                   XAGG(1,1,B1,C1),'CLT',NELEM,MAXYEA,1,          WTM12470
*                   NELEM,NYEAP,1,                               WTM12480
*                   TELE,YEARS,' ',                          WTM12490
*                   DUMMY) ♦                                WTM12500
*               CALL TABOU1(HEADER,1,FOOTER,0,
*                   XAGG(1,1,B1,C1),'CLT',NELEM,MAXYEA,1,          WTM12510
*                   NELEM,NYEAP,1,                               WTM12520
*                   TELE,YEARS,' ',                          WTM12530
*                   DUMMY) ♦                                WTM12540
*               CALL TABOU1(HEADER,1,FOOTER,0,
*                   XAGG(1,1,B1,C1),'CLT',NELEM,MAXYEA,1,          WTM12550
*                   NELEM,NYEAP,1,                               WTM12560
451             CONTINUE                                         WTM12570
450             CONTINUE                                         WTM12580
*               ENDIF                                            WTM12590
*----- World -----                                         WTM12600
*----- World -----                                         WTM12610
*               DO 470 B1 = NREGP+1,NREGP+1                      WTM12620
*                   DO 471 C1 = 1,NPROP                           WTM12630
*                       *** scaling                           WTM12640
*                       DO 472 IYEAR = 1,NYEARS                         WTM12650
*                           DO 473 L = 1,NELEM-4                      WTM12660
*                               XSIM(L,IYEAR,B1,C1) = XSIM(L,IYEAR,B1,C1)/ 1000. WTM12670
473             CONTINUE                                         WTM12680
472             CONTINUE                                         WTM12690
*               IF (PERIOD.EQ.'NO ') THEN                                WTM12700
*                   DO 474 L = 1,NELEM                                    WTM12710
*                       XSIM(L,2,B1,C1) = XSIM(L,NYEARS,B1,C1)          WTM12720
474             CONTINUE                                         WTM12730
*               NYEAP = 2                                         WTM12740
*               YEARS(2) = SYEAR                                    WTM12750
*               ELSE                                              WTM12760
*                   NYEAP = NYEARS                                 WTM12770
*               ENDIF                                            WTM12780
*               ELSE                                              WTM12790
*                   NYEAP = NYEARS                                 WTM12800
*               ENDIF                                            WTM12810
*               HEADER(1) = 'PRODUCT: //PRODUP(C1)// ,REGION: //'
*                   REGIOP(B1)                                    WTM12820
*               CALL TABOU1(HEADER,1,FOOTER,0,
*                   XSIM(1,1,B1,C1),'CLT',NELEM,MAXYEA,1,          WTM12830
*                   NELEM,NYEAP,1,                               WTM12840
*                   TELE,YEARS,' ',                          WTM12850
*                   DUMMY) ♦                                WTM12860
*               CALL TABOU1(HEADER,1,FOOTER,0,
*                   XSIM(1,1,B1,C1),'CLT',NELEM,MAXYEA,1,          WTM12870
*                   NELEM,NYEAP,1,                               WTM12880
*                   TELE,YEARS,' ',                          WTM12890
*                   DUMMY) ♦                                WTM12900
*               CALL TABOU1(HEADER,1,FOOTER,0,
*                   XSIM(1,1,B1,C1),'CLT',NELEM,MAXYEA,1,          WTM12910
*                   NELEM,NYEAP,1,                               WTM12920
*

```

Appendix A2: COMPUTER PROGRAM - FRUITS AND VEGETABLES

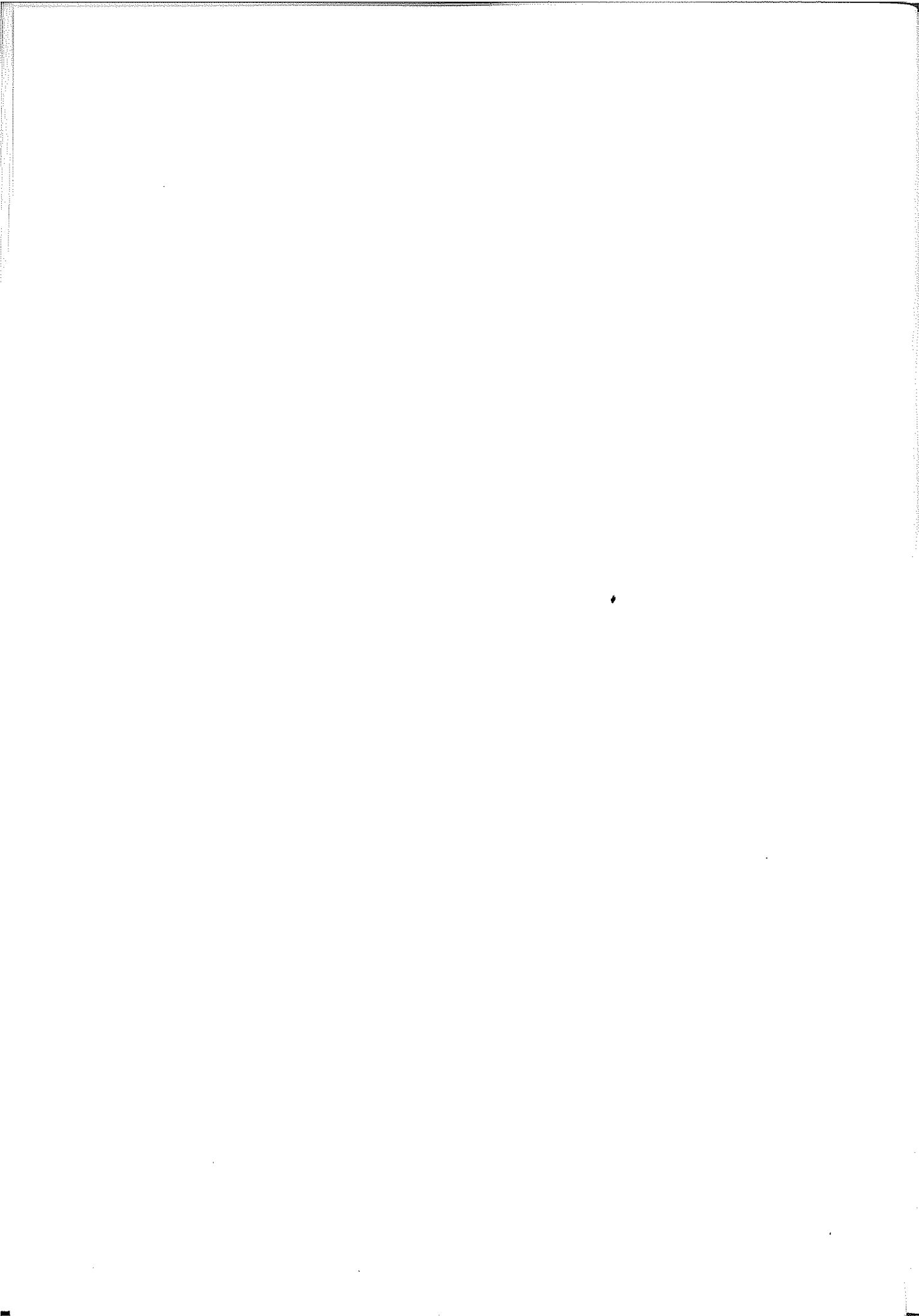
```

471      CONTINUE                               WTM12930
470      CONTINUE                               WTM12940
*
*
* ----- terminate -----
*
*      555 CONTINUE
*                                     *** get time & date from system WTM13000
*      CALL TIME(TIME8,DATE8)                   WTM13010
*                                     *** end log                         WTM13020
*      CALL MESSA1('Program ended at '//DATE8// ' //TIME8,
*      >           1,.TRUE.,DUMMY)                 WTM13030
*                                     *** terminate seq. screen outp. WTM13040
*      CALL MESSOF                                WTM13050
*                                     *** close files                      WTM13060
*      556 CONTINUE
*      CALL FCLOSE(TREFIL,DUMMY)                WTM13070
*      CALL FCLOSE(POLFIL,DUMMY)                WTM13080
*      CALL FCLOSE(EPSFL1,DUMMY)                WTM13090
*      CALL FCLOSE(EPSFL2,DUMMY)                WTM13100
*      CALL FCLOSE(BASFL1,DUMMY)                WTM13110
*
*      STOP                                     WTM13120
*      END                                      WTM13130
*
*                                          *****
*      Function XDIVI4: Divide by zero allowed   WTM13140
*                                          *****
*                                          *****
*      FUNCTION XDIVI4(XA,XB)                     WTM13150
*      *
*      IF(XB.NE.0.0) THEN                         WTM13160
*          XDIVI4 = XA/XB
*      ELSE
*          XDIVI4 = 0.
*      END IF
*      RETURN
*      END
*
*                                          *****
*      Function XDIVI3: Divide by zero allowed   WTM13170
*                                          *****
*      FUNCTION XDIVI3(XA,XB)                     WTM13180
*      *
*      IF(XB.NE.0.0) THEN                         WTM13190
*          XDIVI3 = XA/XB
*      ELSE
*          XDIVI3 = 1.
*      END IF
*      RETURN
*      END
*
*                                          *****
*      Function XGROW: Geometric growth rate     WTM13200
*                                          *****
*      FUNCTION XGROW(XFROM,XTO,NDIST,XDMISS)    WTM13210
*      *
*      IMPLICIT INTEGER*4 (A-W,Z), REAL*4 (X), LOGICAL*4 (Y)
*      *
*      IF(XTO.EQ.XFROM) THEN                     WTM13220
*          XGROW = 0.
*      ELSE IF(XFROM.EQ.0.0) THEN
*          XGROW = XDMISS
*      ELSE
*          X= XDIVI(XTO,XFROM)

```

Appendix A2: COMPUTER PROGRAM - FRUITS AND VEGETABLES

```
IF(X.GT.0.) THEN WTM13610
    XGROW = (X ** (1./NDIST) -1.) * 100. WTM13620
ELSE IF(X.LT.0.0) THEN WTM13630
    XGROW = XDMISS WTM13640
ELSE WTM13650
    ***
        *** X = 0. because XTO = 0.0 WTM13660
    IF(N.EQ.1) THEN WTM13670
        XGROW = -100. WTM13680
    ELSE WTM13690
        XGROW = XDMISS WTM13700
    END IF WTM13710
END IF WTM13720
END IF WTM13730
WTM13740
RETURN WTM13750
END WTM13760
*
*
END WTM13770
WTM13780
WTM13790
WTM13800
*
```



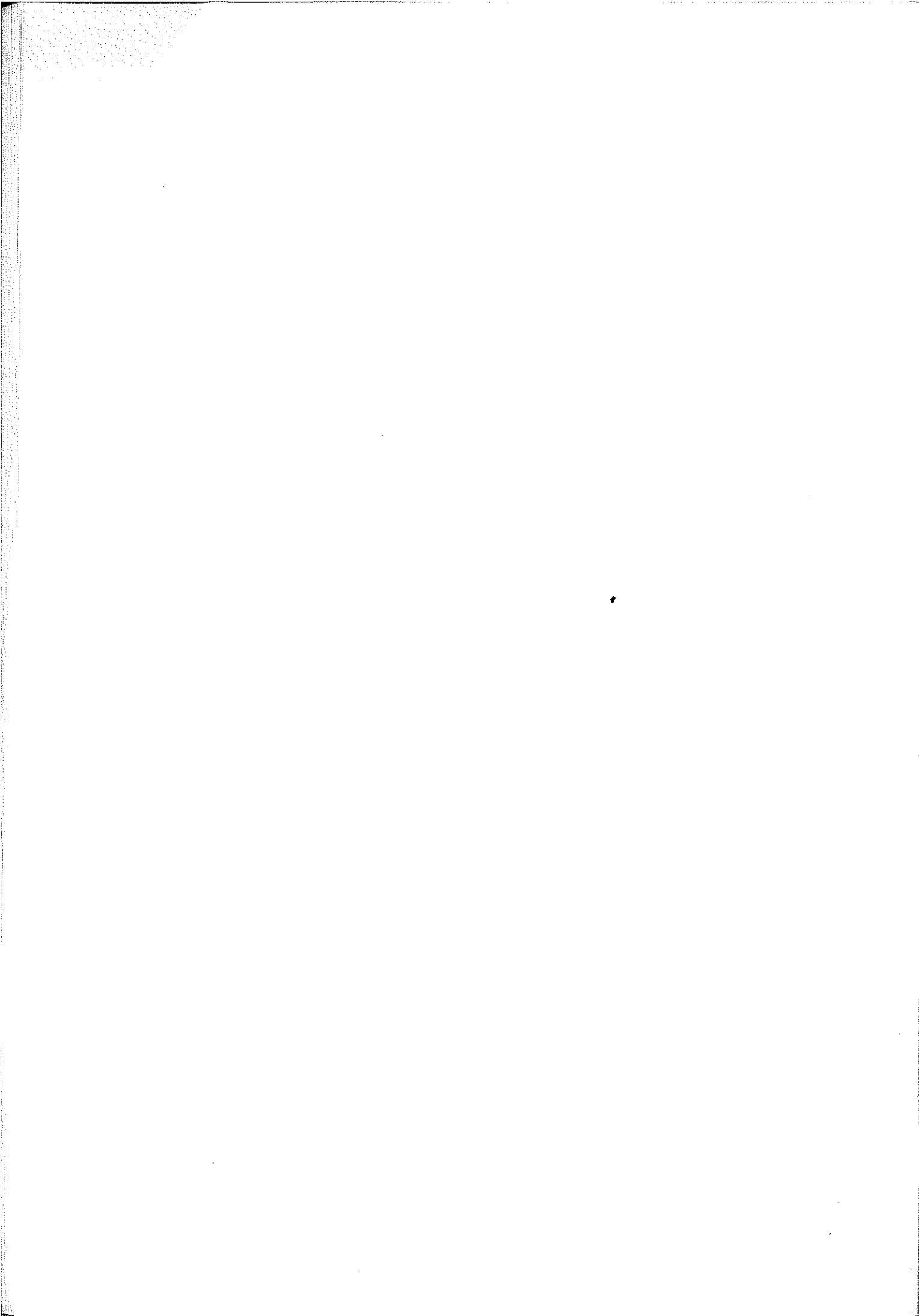
APPENDIX B 1:

BASE DATA (1987)

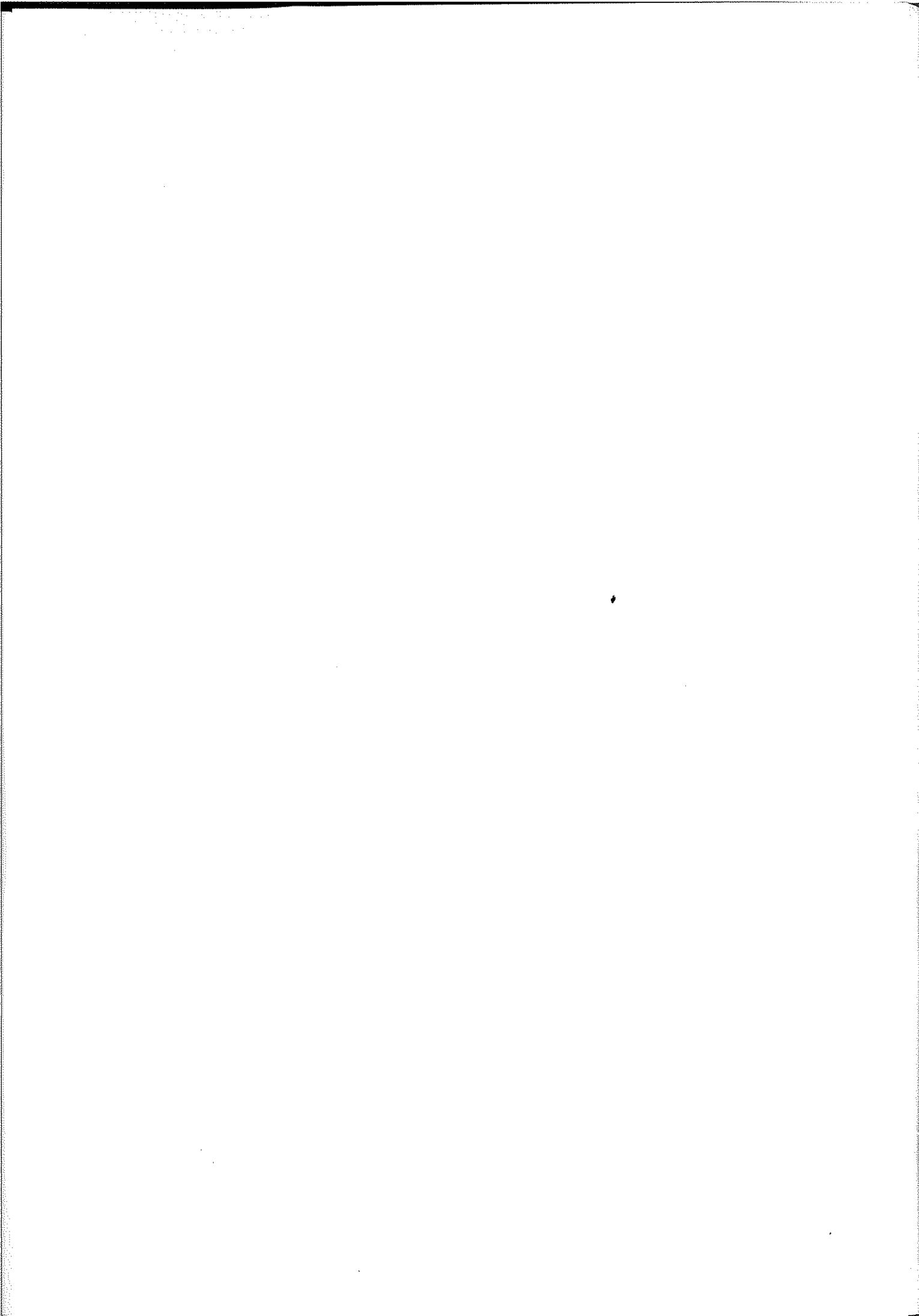
MAIN MODEL

ABBREVIATIONS:

PROP	=	PRODUCTION
DEMP	=	DEMAND
NETP	=	NET TRADE
PEXP	=	EXPORTS
PIMP	=	IMPORTS
STOC	=	STOCKS
STOP	=	STOCK CHANGES
UVEX	=	UNIT VALUE EXPORT
UVIM	=	UNIT VALUE IMPORT
UVPR	=	PRODUCER PRICE
UVCO	=	CONSUMER PRICE



APPENDIX B 3:
SUPPLY ELASTICITIES
MAIN MODEL



SUPPLY ELASTICITIES - MAIN MODEL

\$STANDARD

TURKEY

TUR00&&0000ELSBT							
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA	
WHEA	0.300	-0.006		-0.001			
BARL	-0.022	0.350	-0.005	-0.001			
MAIZ		-0.013	0.400	-0.001			
OCES	-0.022	-0.013	-0.005	0.350			
RICE				0.150	-0.010		
SUGA					0.100		
LENT				-0.001			
CHKP				-0.001			
DRYB				-0.001			
SOYA					-0.010		
MUTT	-0.020		-0.020				
POUL	-0.030		-0.040				
EGGS	-0.010		-0.020				
MILK	-0.060		-0.080				
COTT	-0.140						
POTA				-0.001			
\$COLUMNS	LENT	CHKP	DRYB				
WHEA							
OCES	-0.006	-0.005	-0.001				
LENT	0.350	-0.005	-0.001				
CHKP	-0.006	0.350	-0.001				
DRYB	-0.006	-0.005	0.350				
\$COLUMNS	SOYA	SUNF	GNUT	OSOY	OSUN	OGNU	OOLI
WHEA							
SOYA	0.200						
SUNF		0.150					
GNUT			0.150				
OSOY	-0.380			0.130			
OSUN		-0.750			0.620		
OGNU			-0.750			0.620	
OOLI							0.620
KSOY	-0.380			0.130			
KSUN		-0.750			0.620		
KGNU			-0.750			0.620	
\$COLUMNS	KSOY	KSUN	KGNU				
WHEA							
OSOY	0.300						
OSUN		0.180					
OGNU			0.180				
KSOY	0.300						
KSUN		0.180					
KGNU			0.180				
POUL	-0.040						
EGGS	-0.020						
MILK	-0.060						
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS		
WHEA							
BEEF	0.210						
PMEA		0.200					
MUTT			0.500				
POUL				0.500			
EGGS					0.400		
\$COLUMNS	MILK	BUTT	MDRY	CHES			
WHEA							
MILK	0.600	-0.006		-0.009			
BUTT	-0.028	0.250		-0.129			
CHES	-0.029	-0.081		0.110			

SUPPLY ELASTICITIES - MAIN MODEL

\$COLUMNS	TOBA	COTT	POTA
WHEA			
OCES			-0.011
TOBA	0.100		
COTT		0.450	
POTA			0.350

BELGIUM, LUXEMBOURG

BL 00&&0000ELSBT						
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	0.520	-0.051	-0.009	-0.007		
BARL	-0.086	0.570	-0.006	-0.013		
MAIZ	-0.252	-0.096	0.610	-0.013		
OCES	-0.086	-0.096	-0.006	0.570		
RICE					0.400	
SUGA	-0.020					0.170
GNUT	-0.136	-0.079		-0.011		
BEEF	-0.010					
PMEA	-0.110		-0.070			
MUTT	-0.020		-0.020			
POUL	-0.050		-0.060			
EGGS	-0.050		-0.040			
MILK	-0.020		-0.020			
POTA				-0.013		
\$COLUMNS	SOYA	GNUT	OZOY	OSUN	OGNU	OOLI
SOYA	0.400					
GNUT		0.710				
OZOY	-0.300		0.120			
OSUN				0.250		
OGNU		-0.270			0.250	
OOLI						0.250
KSOY	-0.300		0.120			
KSUN				0.250		
KGNU		-0.270			0.250	
\$COLUMNS	KSOY	KSUN	KGNU			
OZOY	0.300					
OSUN		0.070				
OGNU			0.070			
KSOY	0.300					
KSUN		0.070				
KGNU			0.070			
PMEA	-0.070					
MUTT	-0.010					
POUL	-0.080					
EGGS	-0.050					
MILK	-0.020					
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS	
BEEF	0.560	-0.070				
PMEA	-0.100	0.890		-0.010		
MUTT			0.690			
POUL		-0.030		0.780		
EGGS				-0.030	0.740	
MILK	0.120					
\$COLUMNS	MILK	BUTT	MDRY	CHES		
BEEF	0.150					
MUTT	0.070					
MILK	0.650					
BUTT	-0.110	0.230	0.230	-0.310		
MDRY	-0.110	0.230	0.380	-0.310		
CHES	-0.180	-0.150	-0.150	0.530		
\$COLUMNS	TOBA	COTT	POTA			
OCES			-0.162			

SUPPLY ELASTICITIES - MAIN MODEL

TOBA	0.200
COTT	0.240
POTA	0.570

DENMARK

\$TABLE	DK	00&&0000ELSBT				
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	0.520	-0.297	-0.029	-0.041		
BARL	-0.182	0.570	-0.090			
MAIZ			0.610			
OCES	-0.182		-0.090	0.570		
RICE					0.400	
SUGA	-0.020					0.170
BEEF	-0.010					
PMEA	-0.110		-0.070			
MUTT	-0.020		-0.020			
POUL	-0.050		-0.060			
EGGS	-0.050		-0.040			
MILK	-0.020		-0.020			
\$COLUMNS	SOYA	OOSOY	OSUN	OGNU	OOLI	
SOYA	0.400					
OOSOY	-0.300	0.120				
OSUN			0.250			
OGNU				0.250	*	
OOLI					0.250	
KSOY	-0.300	0.120				
KSUN			0.250			
KGNU				0.250		
\$COLUMNS	KSOY	KSUN	KGNU			
OOSOY	0.300					
OSUN		0.070				
OGNU			0.070			
KSOY	0.300					
KSUN		0.070				
KGNU			0.070			
PMEA	-0.070					
MUTT	-0.010					
POUL	-0.080					
EGGS	-0.050					
MILK	-0.020					
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS	
BEEF	0.560	-0.070				
PMEA	-0.100	0.890		-0.010		
MUTT			0.690			
POUL		-0.030		0.780		
EGGS				-0.030	0.740	
MILK	0.120					
\$COLUMNS	MILK	BUTT	MDRY	CHES		
BEEF	0.150					
MUTT	0.070					
MILK	0.650					
BUTT	-0.110	0.230	0.230	-0.310		
MDRY	-0.110	0.230	0.230	-0.310		
CHES	-0.180	-0.150	-0.150	0.530		
\$COLUMNS	TOBA	COTT	POTA			
TOBA	0.200					
COTT		0.240				
POTA			0.570			

FRANCE

\$TABLE	FRA00&0000ELSBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	0.520	-0.101	-0.050	-0.016		
BARL	-0.303	0.570	-0.088	-0.010		
MAIZ	-0.210	-0.065	0.610	-0.010		
OCES	-0.303	-0.065	-0.088	0.570		
RICE					0.400	
SUGA	-0.020					0.170
LENT				-0.010		
DRYB				-0.010		
SUNF	-0.190	-0.043		-0.007		
BEEF	-0.010					
PMEA	-0.110		-0.070			
MUTT	-0.020		-0.020			
POUL	-0.050		-0.060			
EGGS	-0.050		-0.040			
MILK	-0.020		-0.020			
POTA				-0.010		
\$COLUMNS	LENT	DRYB				
OCES		-0.002				
LENT	0.570	-0.002				
DRYB		0.570				
\$COLUMNS	SOYA	SUNF	OZOY	OSUN	OGNU	OOLI
WHEA		-0.042				
BARL		-0.029				
OCES		-0.029				
SOYA	0.400	-0.087	-0.032			
SUNF	-0.007	0.710				
OZOY	-0.300		0.120			
OSUN		-0.270		0.250		
OGNU					0.250	
OOLI						0.250
KSOY	-0.300		0.120			
KSUN		-0.270		0.250		
KGNU					0.250	
\$COLUMNS	KSOY	KSUN	KGNU			
SOYA	-0.192					
OZOY	0.300					
OSUN		0.070				
OGNU			0.070			
KSOY	0.300					
KSUN		0.070				
KGNU			0.070			
PMEA	-0.070					
MUTT	-0.010					
POUL	-0.080					
EGGS	-0.050					
MILK	-0.020					
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS	
BEEF	0.560	-0.070				
PMEA	-0.100	0.890		-0.010		
MUTT			0.690			
POUL		-0.030		0.780		
EGGS				-0.030	0.740	
MILK	0.120					
\$COLUMNS	MILK	BUTT	MDRY	CHES		
BEEF	0.150					
MUTT	0.070					
MILK	0.650					
BUTT	-0.110	0.230	0.230	-0.310		
MDRY	-0.110	0.230	0.230	-0.310		

SUPPLY ELASTICITIES - MAIN MODEL

CHES	-0.180	-0.150	-0.150	0.530
\$COLUMNS	TOBA	COTT	POTA	
OCES			-0.053	
TOBA	0.200			
COTT		0.240		
POTA			0.570	

GERMANY (WEST)

\$TABLE GEW00&&0000ELSBT						
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	0.520	-0.122	-0.022	-0.051		
BARL	-0.162	0.570	-0.025	-0.065		
MAIZ	-0.184	-0.154	0.610	-0.065		
OCES	-0.162	-0.154	-0.025	0.570		
RICE					0.400	
SUGA	-0.020					0.170
BEEF	-0.010					
PMEA	-0.110		-0.070			
MUTT	-0.020		-0.020			
POUL	-0.050		-0.060			
EGGS	-0.050		-0.040			
MILK	-0.020		-0.020			
POTA				-0.065		
\$COLUMNS	SOYA	Osoy	OSUN	OGNU	OOLI	
SOYA	0.400					
Osoy	-0.300	0.120				
OSUN			0.250			
OGNU				0.250		
OOLI					0.250	
KSOY	-0.300	0.120				
KSUN			0.250			
KGNU				0.250		
\$COLUMNS	KSOY	KSUN	KGNU			
OSOY	0.300					
OSUN		0.070				
OGNU			0.070			
KSOY	0.300					
KSUN		0.070				
KGNU			0.070			
PMEA	-0.070					
MUTT	-0.010					
POUL	-0.080					
EGGS	-0.050					
MILK	-0.020					
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS	
BEEF	0.560	-0.070				
PMEA	-0.100	0.890		-0.010		
MUTT			0.690			
POUL		-0.030		0.780		
EGGS				-0.030	0.740	
MILK	0.120					
\$COLUMNS	MILK	BUTT	MDRY	CHES		
BEEF	0.150					
MUTT	0.070					
MILK	0.650					
BUTT	-0.110	0.230	0.230	-0.310		
MDRY	-0.110	0.230	0.230	-0.310		
CHES	-0.180	-0.150	-0.150	0.530		
\$COLUMNS	TOBA	COTT	POTA			
OCES			-0.086			
TOBA	0.200		0.240			
COTT						

SUPPLY ELASTICITIES - MAIN MODEL

POTA 0.570

GERMANY (EAST)

\$TABLE GEE00&0000ELSBT						
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	0.520	-0.035		-0.025		
BARL	-0.039	0.570				
MAIZ	-0.269		0.610			
OCES	-0.039			0.570		
RICE					0.400	
SUGA	-0.020					0.170
BEEF	-0.010					
PMEA	-0.110		-0.070			
MUTT	-0.020		-0.020			
POUL	-0.050		-0.060			
EGGS	-0.050		-0.040			
MILK	-0.020		-0.020			
\$COLUMNS	SOYA	OZOY	OSUN	OGNU	OOLI	
SOYA	0.400					
OZOY	-0.300	0.120				
OSUN			0.250			
OGNU				0.250		
OOLI					0.250	
KSOY	-0.300	0.120				
KSUN			0.250			
KGNU				0.250		
\$COLUMNS	KSOY	KSUN	KGNU			
OZOY	0.300					
OSUN		0.070				
OGNU			0.070			
KSOY	0.300					
KSUN		0.070				
KGNU			0.070			
PMEA	-0.070					
MUTT	-0.010					
POUL	-0.080					
EGGS	-0.050					
MILK	-0.020					
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS	
BEEF	0.560	-0.070				
PMEA	-0.100	0.890		-0.010		
MUTT			0.690			
POUL		-0.030		0.780		
EGGS				-0.030	0.740	
MILK	0.120					
\$COLUMNS	MILK	BUTT	MDRY	CHES		
BEEF	0.150					
MUTT	0.070					
MILK	0.650					
BUTT	-0.110	0.230	0.230	-0.310		
MDRY	-0.110	0.230	0.230	-0.310		
CHES	-0.180	-0.150	-0.150	0.530		
\$COLUMNS	TOBA	COTT	POTA			
TOBA	0.200					
COTT		0.240				
POTA			0.570			

GREECE

GRE00&0000ELSBT							
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA	
WHEA	0.520	-0.070	-0.050	-0.013			
BARL	-0.310	0.570	-0.090	-0.004			
MAIZ	-0.210	-0.021	0.610	-0.004			
OCES	-0.310	-0.021	-0.090	0.570			
RICE					0.400		
SUGA	-0.020					0.170	
LENT				-0.004			
CHKP				-0.004			
DRYB				-0.004			
SUNF	-0.190						
GNUT	-0.190						
BEEF	-0.010						
PMEA	-0.110		-0.070				
MUTT	-0.020		-0.020				
POUL	-0.050		-0.060				
EGGS	-0.050		-0.040				
MILK	-0.020		-0.020				
POTA				-0.004			
\$COLUMNS	LENT	CHKP	DRYB				
OCES		-0.001	-0.002				
LENT	0.570	-0.001	-0.002				
CHKP		0.570	-0.002				
DRYB		-0.001	0.570				
\$COLUMNS	SOYA	SUNF	GNUT	OZOY	OSUN	OGNU	OOLI
WHEA		-0.028	-0.002				
SOYA	0.400	-0.025	-0.001	-0.055			
SUNF	-0.001	0.710					
GNUT	-0.001		0.710				
OZOY	-0.300			0.120			
OSUN		-0.270			0.250		
OGNU			-0.270			0.250	
OOLI							0.250
KSOY	-0.300			0.120			
KSUN		-0.270			0.250		
KGNU			-0.270			0.250	
\$COLUMNS	KSOY	KSUN	KGNU				
SOYA	-0.319						
OZOY	0.300						
OSUN		0.070					
OGNU			0.070				
KSOY	0.300						
KSUN		0.070					
KGNU			0.070				
PMEA	-0.070						
MUTT	-0.010						
POUL	-0.080						
EGGS	-0.050						
MILK	-0.020						
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS		
BEEF	0.560	-0.070					
PMEA	-0.100	0.890		-0.010			
MUTT			0.690				
POUL		-0.030		0.780			
EGGS				-0.030	0.740		
MILK	0.120						
\$COLUMNS	MILK	BUTT	MDRY	CHES			
BEEF	0.150						
MUTT	0.070						
MILK	0.650						

SUPPLY ELASTICITIES - MAIN MODEL

BUTT	-0.110	0.230	0.230	-0.310
MDRY	-0.110	0.230	0.230	-0.310
CHES	-0.180	-0.150	-0.150	0.530
\$COLUMNS	TOBA	COTT	POTA	
OCES			-0.072	
TOBA	0.200			
COTT		0.240		
POTA			0.570	

IRLAND

\$TABLE	IRL00&&0000ELSBT				
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE
WHEA	0.520	-0.308	-0.014	-0.021	
BARL	-0.089	0.570	-0.090		
MAIZ			0.610		
OCES	-0.089		-0.090	0.570	
RICE				0.400	
SUGA	-0.020				0.170
GNUT	-0.021	-0.453		-0.030	
BEEF	-0.010				
PMEA	-0.110		-0.070		
MUTT	-0.020		-0.020		
POUL	-0.050		-0.060		
EGGS	-0.050		-0.040		
MILK	-0.020		-0.020		
\$COLUMNS	SOYA	GNUT	OSOY	OOLI	
SOYA	0.400				
GNUT		0.710			
OSOY	-0.300		0.120		
OOLI				0.250	
KSOY	-0.300		0.120		
\$COLUMNS	KSOY				
OSOY	0.300				
KSOY	0.300				
PMEA	-0.070				
MUTT	-0.010				
POUL	-0.080				
EGGS	-0.050				
MILK	-0.020				
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS
BEEF	0.560	-0.070			
PMEA	-0.100	0.890		-0.010	
MUTT			0.690		
POUL		-0.030		0.780	
EGGS				-0.030	0.740
MILK	0.120				
\$COLUMNS	MILK	BUTT	MDRY	CHES	
BEEF	0.150				
MUTT	0.070				
MILK	0.650				
BUTT	-0.110	0.230	0.230	-0.310	
MDRY	-0.110	0.230	0.230	-0.310	
CHES	-0.180	-0.150	-0.150	0.530	
\$COLUMNS	TOBA	COTT	POTA		
TOBA	0.200				
COTT		0.240			
POTA			0.570		

ITALY

\$TABLE	ITA00&0000ELSBT						
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA	
WHEA	0.520	-0.046	-0.050	-0.012			
BARL	-0.288	0.570	-0.084	-0.006			
MAIZ	-0.210	-0.022	0.610	-0.006			
OCES	-0.288	-0.022	-0.084	0.570			
RICE					0.400		
SUGA	-0.020					0.170	
LENT				-0.006			
CHKP				-0.006			
DRYB				-0.006			
SUNF	-0.118	-0.161		-0.043			
GNUT	-0.118	-0.161		-0.043			
BEEF	-0.010						
PMEA	-0.110		-0.070				
MUTT	-0.020		-0.020				
POUL	-0.050		-0.060				
EGGS	-0.050		-0.040				
MILK	-0.020		-0.020				
POTA				-0.006			
\$COLUMNS	LENT	CHKP	DRYB				
OCES			-0.004				
LENT	0.570		-0.004				
CHKP		0.570	-0.004				
DRYB			0.570				
\$COLUMNS	SOYA	SUNF	GNUT	OZOY	OSUN	OGNU	OOLI
WHEA		-0.007					
BARL		-0.059	-0.004				
OCES		-0.059	-0.004				
SOYA	0.400	-0.001		-0.019			
SUNF	-0.006	0.710					
GNUT	-0.006	-0.001	0.710				
OZOY	-0.300			0.120			
OSUN		-0.270			0.250		
OGNU			-0.270			0.250	
OOLI							0.250
KSOY	-0.300			0.120			
KSUN		-0.270			0.250		
KGNU			-0.270			0.250	
\$COLUMNS	KSOY	KSUN	KGNU				
SOYA	-0.123						
OZOY	0.300						
OSUN		0.070					
OGNU			0.070				
KSOY	0.300						
KSUN		0.070					
KGNU			0.070				
PMEA	-0.070						
MUTT	-0.010						
POUL	-0.080						
EGGS	-0.050						
MILK	-0.020						
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS		
BEEF	0.560	-0.070					
PMEA	-0.100	0.890		-0.010			
MUTT			0.690				
POUL		-0.030			0.780		
EGGS					-0.030	0.740	
MILK	0.120						
\$COLUMNS	MILK	BUTT	MDRY	CHES			
BEEF	0.150						

SUPPLY ELASTICITIES - MAIN MODEL

MUTT	0.070			
MILK	0.650			
BUTT	-0.110	0.230	0.230	-0.310
MDRY	-0.110	0.230	0.230	-0.310
CHES	-0.180	-0.150	-0.150	0.530
\$COLUMNS	TOBA	COTT	POTA	
OCES			-0.041	
TOBA	0.200			
COTT		0.240		
POTA			0.570	

NETHERLANDS

\$TABLE	NL 00&0000ELSBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	0.520	-0.011	-0.002	-0.003		
BARL	-0.037	0.570	-0.002	-0.025		
MAIZ	-0.321	-0.092	0.610	-0.025		
OCES	-0.037	-0.092	-0.002	0.570		
RICE					0.400	
SUGA	-0.020					0.170
GNUT	-0.053	-0.013		-0.004		
BEEF	-0.010					
PMEA	-0.110		-0.070			
MUTT	-0.020		-0.020			
POUL	-0.050		-0.060			
EGGS	-0.050		-0.040			
MILK	-0.020		-0.020			
POTA				-0.025		
\$COLUMNS	SOYA	GNUT	OSOY	OSUN	OGNU	OOLI
SOYA	0.400					
GNUT		0.710				
OSOY	-0.300		0.120			
OSUN				0.250		
OGNU		-0.270			0.250	
OOLI						0.250
KSOY	-0.300		0.120			
KSUN				0.250		
KGNU		-0.270			0.250	
\$COLUMNS	KSOY	KSUN	KGNU			
OSOY	0.300					
OSUN		0.070				
OGNU			0.070			
KSOY	0.300					
KSUN		0.070				
KGNU			0.070			
PMEA	-0.070					
MUTT	-0.010					
POUL	-0.080					
EGGS	-0.050					
MILK	-0.020					
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS	
BEEF	0.560	-0.070				
PMEA	-0.100	0.890		-0.010		
MUTT			0.690			
POUL		-0.030		0.780		
EGGS				-0.030	0.740	
MILK	0.120					
\$COLUMNS	MILK	BUTT	MDRY	CHES		
BEEF	0.150					
MUTT	0.070					
MILK	0.650					
BUTT	-0.110	0.230	0.230	-0.310		

SUPPLY ELASTICITIES - MAIN MODEL

MDRY	-0.110	0.230	0.230	-0.310
CHES	-0.180	-0.150	-0.150	0.530
\$COLUMNS	TOBA	COTT	POTA	
OCES			-0.200	
TOBA	0.200			
COTT		0.240		
POTA			0.570	

PORTUGAL

\$TABLE		PO 00�ELSBT					
\$COLUMNS		WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA		0.520	-0.018	-0.023	-0.060		
BARL		-0.140	0.570	-0.090	-0.032		
MAIZ		-0.019	-0.010	0.610	-0.032		
OCES		-0.140	-0.010	-0.090	0.570		
RICE						0.400	
SUGA		-0.020					0.170
SUNF		-0.190					
GNUT		-0.190					
BEEF		-0.010					
PMEA		-0.110		-0.070			
MUTT		-0.020		-0.020			
POUL		-0.050		-0.060			
EGGS		-0.050		-0.040			
MILK		-0.020		-0.020			
POTA					-0.032		
\$COLUMNS		SOYA	SUNF	GNUT	OSOY	OSUN	OGNU
WHEA			-0.024	-0.004			
SOYA		0.400					
SUNF			0.710				
GNUT				0.710			
OSOY		-0.300			0.120		
OSUN			-0.270			0.250	
OGNU				-0.270			0.250
OOLI							0.250
KSOY		-0.300			0.120		
KSUN			-0.270			0.250	
KGNU				-0.270			0.250
\$COLUMNS		KSOY	KSUN	KGNU			
OSOY		0.300					
OSUN			0.070				
OGNU				0.070			
KSOY		0.300					
KSUN			0.070				
KGNU				0.070			
PMEA		-0.070					
MUTT		-0.010					
POUL		-0.080					
EGGS		-0.050					
MILK		-0.020					
\$COLUMNS		BEEF	PMEA	MUTT	POUL	EGGS	
BEEF		0.560	-0.070				
PMEA		-0.100	0.890		-0.010		
MUTT				0.690			
POUL			-0.030		0.780		
EGGS					-0.030	0.740	
MILK		0.120					
\$COLUMNS		MILK	BUTT	MDRY	CHES		
BEEF		0.150					
MUTT		0.070					
MILK		0.650					
BUTT		-0.110	0.230	0.230	-0.310		

SUPPLY ELASTICITIES - MAIN MODEL

MDRY	-0.110	0.230	0.230	-0.310
CHES	-0.180	-0.150	-0.150	0.530
\$COLUMNS	TOBA	COTT	POTA	
OCES			-0.200	
TOBA	0.200			
COTT		0.240		
POTA			0.570	

SPAIN

\$TABLE	SPA00&&0000ELSBT						
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA	
WHEA	0.520	-0.075	-0.024	-0.007			
BARL	-0.051	0.570	-0.031	-0.007			
MAIZ	-0.039	-0.075	0.610	-0.007			
OCES	-0.051	-0.075	-0.031	0.570			
RICE					0.400		
SUGA	-0.020					0.170	
LENT				-0.007			
CHKP				-0.007			
DRYB				-0.007			
SUNF	-0.007	-0.322		-0.029			
GNUT	-0.007	-0.322		-0.029			
BEEF	-0.010						
PMEA	-0.110		-0.070				
MUTT	-0.020		-0.020				
POUL	-0.050		-0.060				
EGGS	-0.050		-0.040				
MILK	-0.020		-0.020				
POTA				-0.007			
\$COLUMNS	LENT	CHKP	DRYB				
OCES	-0.001	-0.002	-0.002				
LENT	0.570	-0.002	-0.002				
CHKP	-0.001	0.570	-0.002				
DRYB	-0.001	-0.002	0.570				
\$COLUMNS	SOYA	SUNF	GNUT	OZOY	OSUN	OGNU	OOLI
WHEA		-0.003					
BARL		-0.087	-0.001				
OCES		-0.087	-0.001				
SOYA	0.400			-0.058			
SUNF		0.710					
GNUT			0.710				
OZOY	-0.300			0.120			
OSUN		-0.270			0.250		
OGNU			-0.270			0.250	
OOLI							0.250
KZOY	-0.300			0.120			
KSUN		-0.270			0.250		
KGNU			-0.270			0.250	
\$COLUMNS	KZOY	KSUN	KGNU				
SOYA	-0.342						
OZOY	0.300						
OSUN		0.070					
OGNU			0.070				
KZOY	0.300						
KSUN		0.070					
KGNU			0.070				
PMEA	-0.070						
MUTT	-0.010						
POUL	-0.080						
EGGS	-0.050						
MILK	-0.020						
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS		

SUPPLY ELASTICITIES - MAIN MODEL

BEEF	0.560	-0.070			
PMEA	-0.100	0.890		-0.010	
MUTT			0.690		
POUL		-0.030		0.780	
EGGS				-0.030	0.740
MILK	0.120				
\$COLUMNS	MILK	BUTT	MDRY	CHES	
BEEF	0.150				
MUTT	0.070				
MILK	0.650				
BUTT	-0.110	0.230	0.230	-0.310	
MDRY	-0.110	0.230	0.230	-0.310	
CHES	-0.180	-0.150	-0.150	0.530	
\$COLUMNS	TOBA	COTT	POTA		
OCES			-0.068		
TOBA	0.200				
COTT		0.240			
POTA			0.570		

UNITED KINGDOM

\$TABLE	UK 00&0000ELSBT						
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA	
WHEA	0.520	-0.196	-0.047	-0.010			
BARL	-0.291	0.570	-0.090				
MAIZ			0.610				
OCES	-0.291		-0.090	0.570			
RICE					0.400		
SUGA	-0.020					0.170	
GNUT	-0.178	-0.077		-0.004			
BEEF	-0.010						
PMEA	-0.110		-0.070				
MUTT	-0.020		-0.020				
POUL	-0.050		-0.060				
EGGS	-0.050		-0.040				
MILK	-0.020		-0.020				
\$COLUMNS	SOYA	GNUT	OSOY	OSUN	OGNU	OOLI	
SOYA	0.400						
GNUT		0.710					
OSOY	-0.300		0.120				
OSUN				0.250			
OGNU		-0.270			0.250		
OOLI						0.250	
KSOY	-0.300		0.120				
KSUN				0.250			
KGNU		-0.270			0.250		
\$COLUMNS	KSOY	KSUN	KGNU				
OSOY	0.300						
OSUN		0.070					
OGNU			0.070				
KSOY	0.300						
KSUN		0.070					
KGNU			0.070				
PMEA	-0.070						
MUTT	-0.010						
POUL	-0.080						
EGGS	-0.050						
MILK	-0.020						
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS		
BEEF	0.560	-0.070					
PMEA	-0.100	0.890		-0.010			
MUTT			0.690				
POUL		-0.030		0.780			

SUPPLY ELASTICITIES - MAIN MODEL

EGGS			-0.030	0.740
MILK	0.120			
\$COLUMNS	MILK	BUTT	MDRY	CHES
BEEF	0.150			
MUTT	0.070			
MILK	0.650			
BUTT	-0.110	0.230	0.230	-0.310
MDRY	-0.110	0.230	0.230	-0.310
CHES	-0.180	-0.150	-0.150	0.530
\$COLUMNS	TOBA	COTT	POTA	
TOBA	0.200			
COTT		0.240		
POTA			0.570	

AUSTRIA

\$TABLE	AUS000&0000ELSBT				
\$COLUMNS	WHEA	BARL	MAIZ	OCES	SUGA
WHEA	0.800	-0.113	-0.050	-0.006	
BARL	-0.230	0.500	-0.040		
MAIZ	-0.150		0.600		
OCES	-0.230		-0.040	0.500	
SUGA					0.450
BEEF			-0.010		
PMEA	-0.030		-0.030		
MUTT			-0.080		
POUL	-0.110		-0.020		
EGGS	-0.050		-0.050		
MILK			-0.010		
\$COLUMNS	GNUT	OZOY	OSUN	OGNU	OOLI
GNUT	0.300				
OZOY		0.120			
OSUN			0.430		
OGNU	-0.560			0.430	
OOLI					0.430
KSOY		0.120			
KSUN			0.430		
KGNU	-0.560			0.430	
\$COLUMNS	KSOY	KSUN	KGNU		
OZOY	0.300				
OSUN		0.180		0.180	
OGNU			0.180		
KSOY	0.300				
KSUN		0.180			
KGNU			0.180		
PMEA	-0.010				
MUTT	-0.040				
POUL	-0.040				
EGGS	-0.020				
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS
BEEF	0.570	-0.070			
PMEA	-0.040	0.800			
MUTT			0.800	-0.040	
POUL		-0.010		0.750	-0.020
EGGS					0.750
MILK	0.080				
\$COLUMNS	MILK	BUTT	MDRY	CHES	
BEEF	0.190				
MILK	0.600				
BUTT	-0.130	0.240	0.240	-0.300	
MDRY	-0.250	0.400	0.400	-0.500	
CHES	-0.200	-0.130	-0.130	0.520	
\$COLUMNS	TOBA	POTA			

SUPPLY ELASTICITIES - MAIN MODEL

TOBA	0.200
POTA	0.500

CYPRUS

\$TABLE	ZP 00&0000ELSBT				
\$COLUMNS	WHEA	BARL	MAIZ	OCES	SUGA
WHEA	0.800		-0.050		
BARL	-0.230	0.500	-0.040		
MAIZ	-0.150		0.600		
OCES	-0.230		-0.040	0.500	
SUGA					0.450
BEEF			-0.010		
PMEA	-0.030		-0.030		
MUTT			-0.080		
POUL	-0.110		-0.020		
EGGS	-0.050		-0.050		
MILK			-0.010		
\$COLUMNS	OZOY				
OZOY	0.120				
KSOY	0.120				
\$COLUMNS	KSOY				
OZOY	0.300				
KSOY	0.300				
PMEA	-0.010				
MUTT	-0.040				
POUL	-0.040				
EGGS	-0.020				
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS
BEEF	0.570	-0.070			
PMEA	-0.040	0.800			
MUTT			0.800	-0.040	
POUL		-0.010		0.750	-0.020
EGGS					0.750
MILK	0.080				
\$COLUMNS	MILK	BUTT	MDRY	CHES	
BEEF	0.190				
MILK	0.600				
BUTT	-0.130	0.240	0.240	-0.300	
MDRY	-0.250	0.400	0.400	-0.500	
CHES	-0.200	-0.130	-0.130	0.520	
\$COLUMNS	TOBA				
TOBA	0.200				

FINLAND

\$TABLE	FIN00&0000ELSBT				
\$COLUMNS	WHEA	BARL	MAIZ	OCES	SUGA
WHEA	0.800	-0.358	-0.032	-0.262	
BARL	-0.145	0.500	-0.040		
MAIZ			0.600		
OCES	-0.145		-0.040	0.500	
SUGA					0.450
BEEF			-0.010		
PMEA	-0.030		-0.030		
MUTT			-0.080		
POUL	-0.110		-0.020		

SUPPLY ELASTICITIES - MAIN MODEL

EGGS	-0.050		-0.050		
MILK			-0.010		
\$COLUMNS	OSOY	OSUN	OOLI		
OSOY	0.120				
OSUN		0.430			
OOLI			0.430		
KSOY	0.120				
KSUN		0.430			
\$COLUMNS	KSOY	KSUN			
OSOY	0.300				
OSUN		0.180			
KSOY	0.300				
KSUN		0.180			
PMEA	-0.010				
MUTT	-0.040				
POUL	-0.040				
EGGS	-0.020				
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS
BEEF	0.570	-0.070			
PMEA	-0.040	0.800			
MUTT			0.800	-0.040	
POUL		-0.010		0.750	-0.020
EGGS					0.750
MILK	0.080				
\$COLUMNS	MILK	BUTT	MDRY	CHES	
BEEF	0.190				
MILK	0.600				
BUTT	-0.130	0.240	0.240	-0.300	
MDRY	-0.250	0.400	0.400	-0.500	
CHES	-0.200	-0.130	-0.130	0.520	
\$COLUMNS	TOBA	POTA			
TOBA	0.200				
POTA		0.500			

NORWAY

\$TABLE	NOR00&&0000ELSBT				
\$COLUMNS	WHEA	BARL	MAIZ	OCES	SUGA
WHEA	0.800	-0.274	-0.041	-0.253	
BARL	-0.190	0.500	-0.040		
MAIZ			0.600		
OCES	-0.190		-0.040	0.500	
SUGA					0.450
BEEF			-0.010		
PMEA	-0.030		-0.030		
MUTT			-0.080		
POUL	-0.110		-0.020		
EGGS	-0.050		-0.050		
MILK			-0.010		
\$COLUMNS	OSOY	OGNU	OOLI		
OSOY	0.120				
OGNU		0.430			
OOLI			0.430		
KSOY	0.120				
KGNU		0.430			
\$COLUMNS	KSOY	KGNU			
OSOY	0.300				
OGNU		0.180			
KSOY	0.300				
KGNU		0.180			
PMEA	-0.010				
MUTT	-0.040				
POUL	-0.040				

SUPPLY ELASTICITIES - MAIN MODEL

EGGS	-0.020				
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS
BEEF	0.570	-0.070			
PMEA	-0.040	0.800			
MUTT			0.800	-0.040	
POUL		-0.010		0.750	-0.020
EGGS					0.750
MILK	0.080				
\$COLUMNS	MILK	BUTT	MDRY	CHES	
BEEF	0.190				
MILK	0.600				
BUTT	-0.130	0.240	0.240	-0.300	
MDRY	-0.250	0.400	0.400	-0.500	
CHES	-0.200	-0.130	-0.130	0.520	
\$COLUMNS	TOBA	POTA			
TOBA	0.200				
POTA		0.500			

SWEDEN

\$TABLE	SWE00&0000ELSBT				
\$COLUMNS	WHEA	BARL	MAIZ	OCES	SUGA
WHEA	0.800	-0.179	-0.050	-0.148	
BARL	-0.230	0.500	-0.040		
MAIZ	-0.150		0.600		
OCES	-0.230		-0.040	0.500	
SUGA					0.450
BEEF			-0.010		
PMEA	-0.030		-0.030		
MUTT			-0.080		
POUL	-0.110		-0.020		
EGGS	-0.050		-0.050		
MILK			-0.010		
\$COLUMNS	OSOY	OSUN	OOLI		
OSOY	0.120				
OSUN		0.430			
OOLI			0.430		
KSOY	0.120				
KSUN		0.430			
\$COLUMNS	KSOY	KSUN			
OSOY	0.300				
OSUN		0.180			
KSOY	0.300				
KSUN		0.180			
PMEA	-0.010				
MUTT	-0.040				
POUL	-0.040				
EGGS	-0.020				
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS
BEEF	0.570	-0.070			
PMEA	-0.040	0.800			
MUTT			0.800	-0.040	
POUL		-0.010		0.750	-0.020
EGGS					0.750
MILK	0.080				
\$COLUMNS	MILK	BUTT	MDRY	CHES	
BEEF	0.190				
MILK	0.600				
BUTT	-0.130	0.240	0.240	-0.300	
MDRY	-0.250	0.400	0.400	-0.500	
CHES	-0.200	-0.130	-0.130	0.520	
\$COLUMNS	TOBA	POTA			
TOBA	0.200				

SUPPLY ELASTICITIES - MAIN MODEL

POTA 0.500

SWITZERLAND

\$TABLE SWI00&&0000ELSBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	SUGA
WHEA	0.800	-0.040	-0.033	-0.009	
BARL	-0.119	0.500	-0.020	-0.006	
MAIZ	-0.127	-0.025	0.600	-0.006	
OCES	-0.119	-0.025	-0.020	0.500	
SUGA					0.450
BEEF			-0.010		
PMEA	-0.030		-0.030		
MUTT			-0.080		
POUL	-0.110		-0.020		
EGGS	-0.050		-0.050		
MILK			-0.010		
POTA				-0.006	
\$COLUMNS	OSOY	OSUN	OGNU	OOLI	
OSOY	0.120				
OSUN		0.430			
OGNU			0.430		
OOLI				0.430	
KSOY	0.120				
KSUN		0.430			
KGNU			0.430		
\$COLUMNS	KSOY	KSUN	KGNU		
OSOY	0.300				
OSUN		0.180			
OGNU			0.180		
KSOY	0.300				
KSUN		0.180			
KGNU			0.180		
PMEA	-0.010				
MUTT	-0.040				
POUL	-0.040				
EGGS	-0.020				
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS
BEEF	0.570	-0.070			
PMEA	-0.040	0.800			
MUTT			0.800	-0.040	
POUL		-0.010		0.750	-0.020
EGGS					0.750
MILK	0.080				
\$COLUMNS	MILK	BUTT	MDRY	CHES	
BEEF	0.190				
MILK	0.600				
BUTT	-0.130	0.240	0.240	-0.300	
MDRY	-0.250	0.400	0.400	-0.500	
CHES	-0.200	-0.130	-0.130	0.520	
\$COLUMNS	TOBA	POTA			
OCES		-0.200			
TOBA	0.200				
POTA		0.500			

REST OF WESTER EUROPE

\$TABLE	RWE00&&0000ELSBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	SUGA	
WHEA	0.800	-0.122	-0.034			
BARL	-0.230	0.500	-0.040			
MAIZ			0.600			
OCES	-0.230		-0.040	0.500		
SUGA					0.450	
BEEF			-0.010			
PMEA	-0.030		-0.030			
MUTT			-0.080			
POUL	-0.110		-0.020			
EGGS	-0.050		-0.050			
MILK			-0.010			
\$COLUMNS	OSOY					
OSOY	0.120					
KSOY	0.120					
\$COLUMNS	KSOY					
OSOY	0.300					
KSOY	0.300					
PMEA	-0.010					
MUTT	-0.040					
POUL	-0.040					
EGGS	-0.020					
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS	
BEEF	0.570	-0.070				
PMEA	-0.040	0.800				
MUTT			0.800	-0.040		
POUL		-0.010		0.750	-0.020	
EGGS					0.750	
MILK	0.080					
\$COLUMNS	MILK	BUTT	MDRY	CHES		
BEEF	0.190					
MILK	0.600					
BUTT	-0.130	0.240	0.240	-0.300		
MDRY	-0.250	0.400	0.400	-0.500		
CHES	-0.200	-0.130	-0.130	0.520		
\$COLUMNS	TOBA	POTA				
TOBA	0.200					
POTA		0.500				

ALBANIA

\$TABLE	ALB00&&0000ELSBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	0.250	-0.004	-0.020	-0.007		
BARL	-0.080	0.350	-0.080	-0.018		
MAIZ	-0.030	-0.009	0.250	-0.018		
OCES	-0.080	-0.009	-0.080	0.350		
RICE			-0.070		0.300	
SUGA						0.200
SUNF	-0.030			-0.020		
BEEF				-0.040		
PMEA	-0.030			-0.040		
MUTT	-0.030			-0.040		
POUL	-0.030			-0.110		

SUPPLY ELASTICITIES - MAIN MODEL

EGGS	-0.020		-0.030		
MILK			-0.010		
POTA				-0.018	
\$COLUMNS	SOYA	SUNF	OSOY	OSUN	OOLI
WHEA		-0.002			
OCES	-0.010				
SOYA	0.450				
SUNF		0.300			
OSOY	-0.360		0.110		
OSUN		-0.540		0.440	
OOLI					0.440
KSOY	-0.360		0.110		
KSUN		-0.540		0.440	
\$COLUMNS	KSOY	KSUN			
OSOY	0.300				
OSUN		0.150			
KSOY	0.300				
KSUN		0.150			
POUL	-0.050				
EGGS	-0.010				
MILK	-0.010				
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS
BEEF	0.300	-0.050		-0.030	
PMEA	-0.020	0.450			
MUTT			0.350		
POUL	-0.060			0.700	
EGGS					0.350
MILK	0.040				
\$COLUMNS	MILK	BUTT	MDRY	CHES	
BEEF	0.100				
MILK	0.300				
BUTT	-0.190	0.250	0.250	-0.260	
MDRY	-0.060	0.120	0.120	-0.120	
CHES	-0.130	-0.240	-0.240	0.650	
\$COLUMNS	TOBA	COTT	POTA		
OCES			-0.070		
TOBA	0.200				
COTT		0.240			
POTA			0.350		

BULGARIA

\$TABLE	BUL00&&0000ELSBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	0.250	-0.004	-0.020			
BARL	-0.020	0.350	-0.020	-0.001		
MAIZ	-0.030	-0.011	0.250	-0.001		
OCES	-0.020	-0.011	-0.020	0.350		
RICE			-0.070		0.300	
SUGA						0.200
LENT				-0.001		
SOYA		-0.026		-0.002		
SUNF	-0.002					
GNUT	-0.002					
BEEF			-0.020			
PMEA	-0.030		-0.040			
MUTT	-0.030		-0.040			
POUL	-0.030		-0.110			
EGGS	-0.020		-0.030			
MILK			-0.010			
POTA				-0.001		
\$COLUMNS	LENT					
OCES	-0.001					

SUPPLY ELASTICITIES - MAIN MODEL

LENT	0.350						
\$COLUMNS	SOYA	SUNF	GNUT	O SOY	O SUN	O GNU	O OLI
BARL	-0.002						
OCES	-0.002						
SOYA	0.450						
SUNF		0.300					
GNUT			0.300				
O SOY	-0.360			0.110			
O SUN		-0.540			0.440		
O GNU			-0.540			0.440	
O OLI							0.440
K SOY	-0.360			0.110			
K SUN		-0.540			0.440		
K GNU			-0.540			0.440	
\$COLUMNS	K SOY	K SUN	K GNU				
O SOY	0.300						
O SUN		0.150					
O GNU			0.150				
K SOY	0.300						
K SUN		0.150					
K GNU			0.150				
POUL	-0.050						
EGGS	-0.010						
MILK	-0.010						
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS		
BEEF	0.300	-0.050		-0.030			
PMEA	-0.020	0.450					
MUTT			0.350				
POUL	-0.060			0.700			
EGGS					0.350		
MILK	0.040						
\$COLUMNS	MILK	BUTT	MDRY	CHES			
BEEF	0.100						
MILK	0.300						
BUTT	-0.190	0.250	0.250	-0.260			
MDRY	-0.060	0.120	0.120	-0.120			
CHES	-0.130	-0.240	-0.240	0.650			
\$COLUMNS	TOBA	COTT	POTA				
OCES			-0.010				
TOBA	0.200						
COTT		0.240					
POTA			0.350				

CZECHOSLOVAKIA

\$TABLE	CZE00�ELSBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	0.250	-0.014	-0.001	-0.003		
BARL	-0.033	0.350	-0.010	-0.007		
MAIZ	-0.009	-0.029	0.250	-0.007		
OCES	-0.033	-0.029	-0.010	0.350		
RICE			-0.070		0.300	
SUGA						0.200
LENT				-0.007		
DRYB				-0.007		
SUNF	-0.030	-0.032		-0.008		
BEEF			-0.020			
PMEA	-0.030		-0.040			
MUTT	-0.030		-0.040			
POUL	-0.030		-0.110			
EGGS	-0.020		-0.030			
MILK			-0.010			
POTA				-0.007		

SUPPLY ELASTICITIES - MAIN MODEL

\$COLUMNS	LENT	DRYB				
OCES		-0.001				
LENT	0.350	-0.001				
DRYB		0.350				
\$COLUMNS	SOYA	SUNF	OSOY	OSUN	OOLI	
WHEA		-0.001				
BARL		-0.001				
OCES	-0.004	-0.001				
SOYA	0.450					
SUNF		0.300				
OSOY	-0.360		0.110			
OSUN		-0.540		0.440		
OOLI					0.440	
KSOY	-0.360		0.110			
KSUN		-0.540		0.440		
\$COLUMNS	KSOY	KSUN				
OSOY	0.300					
OSUN		0.150				
KSOY	0.300					
KSUN		0.150				
POUL	-0.050					
EGGS	-0.010					
MILK	-0.010					
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS	
BEEF	0.300	-0.050		-0.030		
PMEA	-0.020	0.450				
MUTT			0.350			
POUL	-0.060			0.700		
EGGS					0.350	
MILK	0.040					
\$COLUMNS	MILK	BUTT	MDRY	CHES		
BEEF	0.100					
MILK	0.300					
BUTT	-0.190	0.250	0.250	-0.260		
MDRY	-0.060	0.120	0.120	-0.120		
CHES	-0.130	-0.240	-0.240	0.650		
\$COLUMNS	TOBA	COTT	POTA			
OCES			-0.076			
TOBA	0.200					
COTT		0.240				
POTA			0.350			

HUNGARY

\$TABLE	HUN00&&0000ELSBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	0.250	-0.008	-0.020	-0.003		
BARL	-0.080	0.350	-0.080	-0.003		
MAIZ	-0.030	-0.008	0.250	-0.003		
OCES	-0.080	-0.008	-0.080	0.350		
RICE			-0.070		0.300	
SUGA						0.200
LENT				-0.003		
SOYA		-0.045		-0.018		
SUNF	-0.030	-0.049		-0.020		
BEEF			-0.020			
PMEA	-0.030		-0.040			
MUTT	-0.030		-0.040			
POUL	-0.030		-0.110			
EGGS	-0.020		-0.030			
MILK			-0.010			
POTA				-0.003		
\$COLUMNS	LENT					

SUPPLY ELASTICITIES - MAIN MODEL

OCES	-0.001				
LENT	0.350				
\$COLUMNS	SOYA	SUNF	OSOY	OSUN	OOLI
WHEA		-0.008			
BARL	-0.010	-0.125			
OCES	-0.010	-0.125			
SOYA	0.450				
SUNF		0.300			
OSOY	-0.360		0.110		
OSUN		-0.540		0.440	
OOLI					0.440
KSOY	-0.360		0.110		
KSUN		-0.540		0.440	
\$COLUMNS	KSOY	KSUN			
OSOY	0.300				
OSUN		0.150			
KSOY	0.300				
KSUN		0.150			
POUL	-0.050				
EGGS	-0.010				
MILK	-0.010				
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS
BEEF	0.300	-0.050		-0.030	
PMEA	-0.020	0.450			
MUTT			0.350		
POUL	-0.060			0.700	
EGGS					0.350
MILK	0.040				
\$COLUMNS	MILK	BUTT	MDRY	CHES	
BEEF	0.100				*
MILK	0.300				
BUTT	-0.190	0.250	0.250	-0.260	
MDRY	-0.060	0.120	0.120	-0.120	
CHES	-0.130	-0.240	-0.240	0.650	
\$COLUMNS	TOBA	COTT	POTA		
OCES			-0.020		
TOBA	0.200				
COTT		0.240			
POTA			0.350		

POLAND

\$TABLE	POL00&&0000ELSBT				
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE
WHEA	0.250	-0.007	-0.001	-0.016	
BARL	-0.019	0.350			
MAIZ	-0.080		0.250		
OCES	-0.019			0.350	
RICE			-0.070		0.300
SUGA					0.200
BEEF			-0.020		
PMEA	-0.030		-0.040		
MUTT	-0.030		-0.040		
POUL	-0.030		-0.110		
EGGS	-0.020		-0.030		
MILK			-0.010		
\$COLUMNS	SOYA	OSOY	OOLI		
OCES	-0.003				
SOYA	0.450				
OSOY	-0.360	0.110			
OOLI			0.440		
KSOY	-0.360	0.110			
\$COLUMNS	KSOY				

SUPPLY ELASTICITIES - MAIN MODEL

Osoy	0.300				
Ksoy	0.300				
Poul	-0.050				
Eggs	-0.010				
Milk	-0.010				
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS
BEEF	0.300	-0.050		-0.030	
PMEA	-0.020	0.450			
MUTT			0.350		
Poul	-0.060			0.700	
Eggs					0.350
Milk	0.040				
\$COLUMNS	MILK	BUTT	MDRY	CHES	
BEEF	0.100				
MILK	0.300				
BUTT	-0.190	0.250	0.250	-0.260	
MDRY	-0.060	0.120	0.120	-0.120	
CHES	-0.130	-0.240	-0.240	0.650	
\$COLUMNS	TOBA	COTT	POTA		
TOBA	0.200				
COTT		0.240			
POTA			0.350		

ROMANIA

\$TABLE	ROM00�ELSBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	0.250	-0.010	-0.020	-0.001		
BARL	-0.048	0.350	-0.048	-0.001		
MAIZ	-0.030	-0.008	0.250	-0.001		
OCES	-0.048	-0.008	-0.048	0.350		
RICE			-0.070		0.300	
SUGA						0.200
SOYA		-0.007		-0.001		
SUNF	-0.008	-0.027		-0.003		
BEEF			-0.020			
PMEA	-0.030		-0.040			
MUTT	-0.030		-0.040			
POUL	-0.030		-0.110			
Eggs	-0.020		-0.030			
Milk			-0.010			
POTA				-0.001		
\$COLUMNS	SOYA	SUNF	Osoy	OSUN	OOLI	
WHEA		-0.003				
BARL	-0.006	-0.041				
OCES	-0.006	-0.041				
SOYA	0.450					
SUNF		0.300				
Osoy	-0.360		0.110			
OSUN		-0.540		0.440		
OOLI					0.440	
KSOY	-0.360		0.110			
KSUN		-0.540		0.440		
\$COLUMNS	KSOY	KSUN				
Osoy	0.300					
OSUN		0.150				
KSOY	0.300					
KSUN		0.150				
POUL	-0.050					
Eggs	-0.010					
Milk	-0.010					
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS	
BEEF	0.300	-0.050		-0.030		

SUPPLY ELASTICITIES - MAIN MODEL

PMEA	-0.020	0.450		
MUTT			0.350	
POUL	-0.060			0.700
EGGS				0.350
MILK	0.040			
\$COLUMNS	MILK	BUTT	MDRY	CHES
BEEF	0.100			
MILK	0.300			
BUTT	-0.190	0.250	0.250	-0.260
MDRY	-0.060	0.120	0.120	-0.120
CHES	-0.130	-0.240	-0.240	0.650
\$COLUMNS	TOBA	COTT	POTA	
OCES			-0.064	
TOBA	0.200			
COTT		0.240		
POTA			0.350	

YUGOSLAVIA

\$TABLE	YUG00&&0000ELSBT				
\$COLUMNS	WHEA	MAIZ	OCES	RICE	SUGA
WHEA	0.250	-0.020			
MAIZ	-0.030	0.250			
OCES	-0.080	-0.080	0.350		
RICE		-0.070		0.300	*
SUGA					0.200
BEEF		-0.020			
PMEA	-0.030	-0.040			
MUTT	-0.030	-0.040			
POUL	-0.030	-0.110			
EGGS	-0.020	-0.030			
MILK		-0.010			
\$COLUMNS	SOYA	Osoy			
OCES	-0.010				
SOYA	0.450				
Osoy	-0.360	0.110			
KSOY	-0.360	0.110			
\$COLUMNS	KSOY				
Osoy	0.300				
KSOY	0.300				
POUL	-0.050				
EGGS	-0.010				
MILK	-0.010				
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS
BEEF	0.300	-0.050		-0.030	
PMEA	-0.020	0.450			
MUTT			0.350		
POUL	-0.060			0.700	
EGGS					0.350
MILK	0.040				
\$COLUMNS	MILK	BUTT	MDRY	CHES	
BEEF	0.100				
MILK	0.300				
BUTT	-0.190	0.250	0.250	-0.260	
MDRY	-0.060	0.120	0.120	-0.120	
CHES	-0.130	-0.240	-0.240	0.650	
\$COLUMNS	TOBA	COTT			
TOBA	0.200				
COTT		0.240			

UDSSR

\$TABLE	USS00&&0000ELSBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	0.230	-0.029	-0.020	-0.018		
BARL	-0.030	0.230				
MAIZ	-0.100		0.380		-0.050	
OCES	-0.030			0.230		
RICE	-0.080		-0.160		0.450	
SUGA						0.160
PMEA	-0.050		-0.030			
MUTT	-0.010		-0.010			
POUL	-0.020		-0.020			
EGGS	-0.030		-0.010			
\$COLUMNS	LENT					
LENT	0.230					
\$COLUMNS	SOYA	SUNF	GNUT	OSOY	OSUN	OGNU
SOYA	0.160					
SUNF		0.150				
GNUT			0.150			
OSOY	-0.200			0.070		
OSUN		-0.520			0.390	
OGNU			-0.520			0.390
OOLI						0.390
KSOY	-0.200			0.070		
KSUN		-0.520			0.390	
KGNU			-0.520			0.390
\$COLUMNS	KSOY	KSUN	KGNU			
OSOY	0.180					
OSUN		0.180				
OGNU			0.180			
KSOY	0.180					
KSUN		0.180				
KGNU			0.180			
POUL	-0.010					
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS	
BEEF	0.250	-0.030		-0.010		
PMEA	-0.120	0.400				
MUTT			0.300			
POUL	-0.070			0.500	0.010	
EGGS					0.250	
MILK	0.080					
\$COLUMNS	MILK	BUTT	MDRY	CHES		
BEEF	0.050					
MILK	0.200					
BUTT	-0.030	0.050	0.050	-0.020		
MDRY	-1.000	0.660	0.660	-0.260		
CHES	-0.500	-0.120	-0.120	0.800		
\$COLUMNS	TOBA	COTT	POTA			
TOBA	0.150					
COTT		0.150				
POTA			0.230			
\$STANDARD						

JORDAN

\$TABLE JOR00&&0000ELSBT

SUPPLY ELASTICITIES - MAIN MODEL

\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	0.300	-0.003				
BARL	-0.011	0.350				
MAIZ			0.400			
OCES	-0.011			0.350		
RICE					0.150	-0.010
SUGA						0.100
SOYA						-0.010
MUTT	-0.020		-0.020			
POUL	-0.030		-0.040			
EGGS	-0.010		-0.020			
MILK	-0.060		-0.080			
COTT	-0.140					
\$COLUMNS	LENT	CHKP	DRYB			
LENT	0.350					
CHKP		0.350				
DRYB			0.350			
\$COLUMNS	SOYA	GNUT	OSOY			
SOYA	0.200					
GNUT		0.150				
OSOY	-0.380		0.130			
KSOY	-0.380		0.130			
\$COLUMNS	KSOY					
OSOY	0.300					
KSOY	0.300					
POUL	-0.040					
EGGS	-0.020					
MILK	-0.060					
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS	
BEEF	0.210					
PMEA		0.200				
MUTT			0.500			
POUL				0.500		
EGGS					0.400	
\$COLUMNS	MILK	BUTT	MDRY	CHES		
MILK	0.600					
BUTT	-0.050	0.250	0.250	-0.400		
MDRY	-0.050	0.260	0.260	-0.410		
CHES	-0.050			0.110		
\$COLUMNS	TOBA	COTT	POTA			
TOBA	0.100					
COTT		0.450				
POTA			0.350			

LEBANON

\$TABLE	LEB000&0000ELSBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	0.300	-0.001				
BARL	-0.005	0.350	-0.001			
MAIZ		-0.003	0.400			
OCES	-0.005	-0.003	-0.001	0.350		
RICE					0.150	-0.010
SUGA						0.100
SOYA						-0.010
MUTT	-0.020		-0.020			
POUL	-0.030		-0.040			
EGGS	-0.010		-0.020			
MILK	-0.060		-0.080			
COTT	-0.140					
\$COLUMNS	LENT	CHKP	DRYB			
OCES	-0.015	-0.007				
LENT	0.350	-0.007				

SUPPLY ELASTICITIES - MAIN MODEL

CHKP	-0.015	0.350					
DRYB	-0.015	-0.007	0.350				
\$COLUMNS	SOYA	SUNF	GNUT	OZOY	OSUN	OGNU	OOLI
SOYA	0.200						
SUNF		0.150					
GNUT			0.150				
OZOY	-0.380			0.130			
OSUN		-0.750			0.620		
OGNU			-0.750			0.620	
OOLI							0.620
KSOY	-0.380			0.130			
KSUN		-0.750			0.620		
KGNU			-0.750			0.620	
\$COLUMNS	KSOY	KSUN	KGNU				
OZOY	0.300						
OSUN		0.180					
OGNU			0.180				
KSOY	0.300						
KSUN		0.180					
KGNU			0.180				
POUL	-0.040						
EGGS	-0.020						
MILK	-0.060						
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS		
BEEF	0.210						
PMEA		0.200					
MUTT			0.500				
POUL				0.500			
EGGS					0.400		
\$COLUMNS	MILK	BUTT	MDRY	CHES*			
MILK	0.600						
BUTT	-0.050	0.250	0.250	-0.400			
MDRY	-0.050	0.260	0.260	-0.410			
CHES	-0.050			0.110			
\$COLUMNS	TOBA	COTT	POTA				
OCES			-0.200				
TOBA	0.100						
COTT		0.450					
POTA			0.350				

SYRIA

STABLE	SYR00&0000ELSBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	0.300	-0.007				
BARL	-0.029	0.350	-0.003			
MAIZ		-0.029	0.400			
OCES	-0.029	-0.029	-0.003	0.350		
RICE					0.150	-0.010
SUGA						0.100
SOYA						-0.010
MUTT	-0.020		-0.020			
POUL	-0.030		-0.040			
EGGS	-0.010		-0.020			
MILK	-0.060		-0.080			
COTT	-0.140					
\$COLUMNS	LENT	CHKP	DRYB			
OCES	-0.021	-0.008	-0.005			
LENT	0.350	-0.008	-0.005			
CHKP	-0.021	0.350	-0.005			
DRYB	-0.021	-0.008	0.350			
\$COLUMNS	SOYA	SUNF	GNUT	OZOY	OSUN	OOLI
SOYA	0.200					

SUPPLY ELASTICITIES - MAIN MODEL

SUNF		0.150				
GNUT			0.150			
Osoy	-0.380			0.130		
OSUN		-0.750			0.620	
OOLI						0.620
KSOY	-0.380			0.130		
KSUN		-0.750			0.620	
\$COLUMNS	KSOY	KSUN				
Osoy	0.300					
OSUN		0.180				
KSOY	0.300					
KSUN		0.180				
POUL	-0.040					
EGGS	-0.020					
MILK	-0.060					
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS	
BEEF	0.210					
PMEA		0.200				
MUTT			0.500			
POUL				0.500		
EGGS					0.400	
\$COLUMNS	MILK	BUTT	MDRY	CHES		
MILK	0.600					
BUTT	-0.050	0.250	0.250	-0.400		
MDRY	-0.050	0.260	0.260	-0.410		
CHES	-0.050			0.110		
\$COLUMNS	TOBA	COTT	POTA			
OCES			-0.097			
TOBA	0.100					
COTT		0.450				
POTA			0.350			

**REST OF NON-OILPRODUCING
MIDDLE EAST**

\$TABLE	NME00&&0000ELSBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	0.300	-0.014		-0.148		
BARL	-0.054	0.350	-0.020	-0.141		
MAIZ		-0.013	0.400	-0.141		
OCES	-0.054	-0.013	-0.020	0.350		
RICE					0.150	-0.010
SUGA						0.100
SOYA						-0.010
MUTT	-0.020		-0.020			
POUL	-0.030		-0.040			
EGGS	-0.010		-0.020			
MILK	-0.060		-0.080			
COTT	-0.140					
POTA				-0.141		
\$COLUMNS	SOYA	Osoy	OOLI			
SOYA	0.200					
Osoy	-0.380	0.130				
OOLI				0.620		
KSOY	-0.380	0.130				
\$COLUMNS	KSOY					
Osoy	0.300					
KSOY	0.300					
POUL	-0.040					
EGGS	-0.020					
MILK	-0.060					
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS	

SUPPLY ELASTICITIES - MAIN MODEL

BEEF	0.210				
PMEA		0.200			
MUTT			0.500		
POUL				0.500	
EGGS					0.400
\$COLUMNS	MILK	BUTT	MDRY	CHES	
MILK	0.600				
BUTT	-0.050	0.250	0.250	-0.400	
MDRY	-0.050	0.260	0.260	-0.410	
CHES	-0.050			0.110	
\$COLUMNS	TOBA	COTT	POTA		
OCES			-0.131		
TOBA	0.100				
COTT		0.450			
POTA			0.350		

IRAN

\$TABLE	IRN00&0000ELSBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	0.300					
BARL		0.250				
MAIZ			0.500			
OCES				0.250		
RICE					0.150	
SUGA						0.100
MUTT			-0.040			
POUL	-0.060		-0.070			
EGGS	-0.020		-0.050			
MILK			-0.060			
\$COLUMNS	LENT	CHKP				
LENT	0.250					
CHKP		0.250				
\$COLUMNS	SOYA	SUNF	OSOY	OSUN	OOLI	
SOYA	0.200					
SUNF		0.150				
OSOY	-0.090		0.040			
OSUN		-0.420		0.400		
OOLI					0.400	
KSOY	-0.090		0.040			
KSUN		-0.420		0.400		
\$COLUMNS	KSOY	KSUN				
OSOY	0.100					
OSUN		0.070				
KSOY	0.100					
KSUN		0.070				
POUL	-0.070					
EGGS	-0.070					
MILK	-0.030					
\$COLUMNS	BEEF	MUTT	POUL	EGGS		
BEEF	0.210					
MUTT		0.500				
POUL			0.600			
EGGS				0.500		
MILK	0.060					
\$COLUMNS	MILK	BUTT	CHES			
BEEF	0.050					
MILK	0.400	-0.006				
BUTT	-0.031	0.070	-0.039			
MDRY	-0.700	0.580	-0.420			
CHES	-0.250	-0.026	0.600			
\$COLUMNS	TOBA	COTT	POTA			
TOBA	0.100					

SUPPLY ELASTICITIES - MAIN MODEL

COTT	0.450
POTA	0.250

IRAQ

\$TABLE	IRQ00&0000ELSBT						
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA	
WHEA	0.300						
BARL		0.250					
MAIZ			0.500				
OCES				0.250			
RICE					0.150		
SUGA						0.100	
MUTT			-0.040				
POUL	-0.060		-0.070				
EGGS	-0.020		-0.050				
MILK			-0.060				
\$COLUMNS	LENT	CHKP	DRYB				
LENT	0.250						
CHKP		0.250					
DRYB			0.250				
\$COLUMNS	SOYA	SUNF	GNUT	OZOY	OSUN	OGNU	OOLI
SOYA	0.200						
SUNF		0.150					
GNUT			0.150				
OZOY	-0.090			0.040			
OSUN		-0.420			0.400		
OGNU			-0.420			0.400	
OOLI							0.400
KSOY	-0.090			0.040			
KSUN		-0.420			0.400		
KGNU			-0.420			0.400	
\$COLUMNS	KSOY	KSUN	KGNU				
OZOY	0.100						
OSUN		0.070					
OGNU			0.070				
KSOY	0.100						
KSUN		0.070					
KGNU			0.070				
POUL	-0.070						
EGGS	-0.070						
MILK	-0.030						
\$COLUMNS	BEEF	MUTT	POUL	EGGS			
BEEF	0.210						
MUTT		0.500					
POUL			0.600				
EGGS				0.500			
MILK	0.060						
\$COLUMNS	MILK	BUTT	CHES				
BEEF	0.050						
MILK	0.400	-0.003					
BUTT	-0.031	0.070	-0.039				
MDRY	-0.700	0.580	-0.420				
CHES	-0.250	-0.014	0.600				
\$COLUMNS	TOBA	COTT	POTA				
TOBA	0.100						
COTT		0.450					
POTA			0.250				

KUWAIT

\$TABLE	KUW00&0000ELSBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	0.300					
BARL		0.250				
MAIZ			0.500			
OCES				0.250		
RICE					0.150	
SUGA						0.100
MUTT			-0.040			
POUL	-0.060		-0.070			
EGGS	-0.020		-0.050			
MILK			-0.060			
\$COLUMNS	SOYA	OOSOY	OGNU			
SOYA	0.200					
OOSOY	-0.090	0.040				
OGNU			0.400			
KSOY	-0.090	0.040				
KGNU			0.400			
\$COLUMNS	KSOY	KGNU				
OOSOY	0.100					
OGNU		0.070				
KSOY	0.100					
KGNU		0.070				
POUL	-0.070					
EGGS	-0.070					
MILK	-0.030					
\$COLUMNS	BEEF	MUTT	POUL	EGGS		
BEEF	0.210					
MUTT		0.500				
POUL			0.600			
EGGS				0.500		
MILK	0.060					
\$COLUMNS	MILK	BUTT	CHES			
BEEF	0.050					
MILK	0.400					
BUTT	-0.031	0.070	-0.039			
MDRY	-0.700	0.580	-0.420			
CHES	-0.250		0.600			
\$COLUMNS	TOBA	COTT	POTA			
TOBA	0.100					
COTT		0.450				
POTA			0.250			

SAUDI ARABIA

\$TABLE	SAU00&0000ELSBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	0.300					
BARL		0.250				
MAIZ			0.500			
OCES				0.250		
RICE					0.150	
SUGA						0.100
MUTT			-0.040			
POUL	-0.060		-0.070			

SUPPLY ELASTICITIES - MAIN MODEL

EGGS	-0.020		-0.050		
MILK			-0.060		
\$COLUMNS	SOYA	GNUT	OOSOY	OSUN	OOLI
SOYA	0.200				
GNUT		0.150			
OOSOY	-0.090		0.040		
OSUN				0.400	
OOLI					0.400
KSOY	-0.090		0.040		
KSUN					0.400
\$COLUMNS	KSOY	KSUN			
OOSOY	0.100				
OSUN		0.070			
KSOY	0.100				
KSUN		0.070			
POUL	-0.070				
EGGS	-0.070				
MILK	-0.030				
\$COLUMNS	BEEF	MUTT	POUL	EGGS	
BEEF	0.210				
MUTT		0.500			
POUL			0.600		
EGGS				0.500	
MILK	0.060				
\$COLUMNS	MILK	BUTT	CHES		
BEEF	0.050				
MILK	0.400				
BUTT	-0.031	0.070	-0.039		
MDRY	-0.700	0.580	-0.420		
CHES	-0.250		0.600		
\$COLUMNS	TOBA	COTT	POTA		
TOBA	0.100				
COTT		0.450			
POTA				0.250	

REST OF OIL-PRODUCING MIDDLE EAST

\$TABLE	OME00&&0000ELSBT				
\$COLUMNS	SOYA	OOSOY			
SOYA	0.200				
OOSOY	-0.090	0.040			
KSOY	-0.090	0.040			
\$COLUMNS	KSOY				
OOSOY	0.100				
KSOY	0.100				
POUL	-0.070				
EGGS	-0.070				
MILK	-0.030				
\$COLUMNS	BEEF	MUTT	POUL	EGGS	
BEEF	0.210				
MUTT		0.500			
POUL			0.600		
EGGS				0.500	
MILK	0.060				
\$COLUMNS	MILK	BUTT	CHES		
BEEF	0.050				
MILK	0.400				
BUTT	-0.031	0.070	-0.039		
MDRY	-0.700	0.580	-0.420		
CHES	-0.250		0.600		
\$COLUMNS	TOBA	COTT			

SUPPLY ELASTICITIES - MAIN MODEL

TOBA	0.100
COTT	0.450

ISRAEL

\$TABLE	ISR00&&0000ELSBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	0.300					
BARL		0.250				
MAIZ			0.500			
OCES				0.250		
RICE					0.150	
SUGA						0.100
MUTT			-0.040			
POUL	-0.060		-0.070			
EGGS	-0.020		-0.050			
MILK			-0.060			
\$COLUMNS	LENT	CHKP	DRYB			
LENT	0.250					
CHKP		0.250				
DRYB			0.250			
\$COLUMNS	SOYA	SUNF	GNUT	OSOY	OSUN	OOLI
SOYA	0.200					
SUNF		0.150				
GNUT			0.150			
OSOY	-0.090			0.040		
OSUN		-0.420			0.400	
OOLI						0.400
KSOY	-0.090			0.040		
KSUN		-0.420			0.400	
\$COLUMNS	KSOY	KSUN				
OOSOY	0.100					
OSUN		0.070				
KSOY	0.100					
KSUN		0.070				
POUL	-0.070					
EGGS	-0.070					
MILK	-0.030					
\$COLUMNS	BEEF	MUTT	POUL	EGGS		
BEEF	0.210					
MUTT		0.500				
POUL			0.600			
EGGS				0.500		
MILK	0.060					
\$COLUMNS	MILK	BUTT	CHES			
BEEF	0.050					
MILK	0.400	-0.001				
BUTT	-0.031	0.070	-0.039			
MDRY	-0.700	0.580	-0.420			
CHES	-0.250	-0.001	0.600			
\$COLUMNS	TOBA	COTT	POTA			
TOBA	0.100					
COTT		0.450				
POTA			0.250			

ALGERIA

\$TABLE	ALG00&&0000ELSBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	0.300					
BARL		0.250				
MAIZ			0.500			
OCES				0.250		
RICE					0.150	
SUGA						0.100
MUTT			-0.040			
POUL	-0.060		-0.070			
EGGS	-0.020		-0.050			
MILK			-0.060			
\$COLUMNS	LENT	CHKP	DRYB			
LENT	0.250					
CHKP		0.250				
DRYB			0.250			
\$COLUMNS	SOYA	SUNF	GNUT	OZOY	OSUN	OGNU
SOYA	0.200					
SUNF		0.150				
GNUT			0.150			
OZOY	-0.090			0.040		
OSUN		-0.420			0.400	
OGNU			-0.420			0.400
OOLI						0.400
KSOY	-0.090			0.040		
KSUN		-0.420			0.400	
KGNU			-0.420			0.400
\$COLUMNS	KSOY	KSUN	KGNU			
OZOY	0.100					
OSUN		0.070				
OGNU			0.070			
KSOY	0.100					
KSUN		0.070				
KGNU			0.070			
POUL	-0.070					
EGGS	-0.070					
MILK	-0.030					
\$COLUMNS	BEEF	MUTT	POUL	EGGS		
BEEF	0.210					
MUTT		0.500				
POUL			0.600			
EGGS				0.500		
MILK	0.060					
\$COLUMNS	MILK	BUTT	CHES			
BEEF	0.050					
MILK	0.400	-0.003				
BUTT	-0.031	0.070	-0.039			
MDRY	-0.700	0.580	-0.420			
CHES	-0.250	-0.014	0.600			
\$COLUMNS	TOBA	COTT	POTA			
TOBA	0.100					
COTT		0.450				
POTA			0.250			

EGYPT

\$TABLE	EGY00&&0000ELSBT						
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA	
WHEA	0.300						
BARL		0.250					
MAIZ			0.500				
OCES				0.250			
RICE					0.150		
SUGA						0.100	
MUTT			-0.040				
POUL	-0.060		-0.070				
EGGS	-0.020		-0.050				
MILK			-0.060				
\$COLUMNS	LENT	CHKP	DRYB				
LENT	0.250						
CHKP		0.250					
DRYB			0.250				
\$COLUMNS	SOYA	SUNF	GNUT	OZOY	OSUN	OGNU	OOLI
SOYA	0.200						
SUNF		0.150					
GNUT			0.150				
OZOY	-0.090			0.040			
OSUN		-0.420			0.400		
OGNU			-0.420			0.400	
OOLI							0.400
KSOY	-0.090			0.040			
KSUN		-0.420			0.400		
KGNU			-0.420			0.400	
\$COLUMNS	KSOY	KSUN	KGNU				
OZOY	0.100						
OSUN		0.070					
OGNU			0.070				
KSOY	0.100						
KSUN		0.070					
KGNU			0.070				
POUL	-0.070						
EGGS	-0.070						
MILK	-0.030						
\$COLUMNS	BEEF	MUTT	POUL	EGGS			
BEEF	0.210						
MUTT		0.500					
POUL			0.600				
EGGS				0.500			
MILK	0.060						
\$COLUMNS	MILK	BUTT	CHES				
BEEF	0.050						
MILK	0.400	-0.003					
BUTT	-0.031	0.070	-0.039				
MDRY	-0.700	0.580	-0.420				
CHES	-0.250	-0.014	0.600				
\$COLUMNS	TOBA	COTT	POTA				
TOBA	0.100						
COTT		0.450					
POTA			0.250				

LYBIA

\$TABLE LYB00&&0000ELSBT						
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	0.300					
BARL		0.250				
MAIZ			0.500			
OCES				0.250		
RICE					0.150	
SUGA						0.100
MUTT			-0.040			
POUL	-0.060		-0.070			
EGGS	-0.020		-0.050			
MILK			-0.060			
\$COLUMNS	LENT	CHKP	DRYB			
LENT	0.250					
CHKP		0.250				
DRYB			0.250			
\$COLUMNS	SOYA	SUNF	GNUT	OZOY	OSUN	OGNU
SOYA	0.200					
SUNF		0.150				
GNUT			0.150			
OZOY	-0.090			0.040		
OSUN		-0.420			0.400	
OGNU			-0.420			0.400
OOLI						0.400
KSOY	-0.090			0.040		
KSUN		-0.420			0.400	
KGNU			-0.420			0.400
\$COLUMNS	KSOY	KSUN	KGNU			
OZOY	0.100					
OSUN		0.070				
OGNU			0.070			
KSOY	0.100					
KSUN		0.070				
KGNU			0.070			
POUL	-0.070					
EGGS	-0.070					
MILK	-0.030					
\$COLUMNS	BEEF	MUTT	POUL	EGGS		
BEEF	0.210					
MUTT		0.500				
POUL			0.600			
EGGS				0.500		
MILK	0.060					
\$COLUMNS	MILK	BUTT	CHES			
BEEF	0.050					
MILK	0.400	-0.003				
BUTT	-0.031	0.070	-0.039			
MDRY	-0.700	0.580	-0.420			
CHES	-0.250	-0.014	0.600			
\$COLUMNS	TOBA	COTT	POTA			
TOBA	0.100					
COTT		0.450				
POTA			0.250			

MOROCCO

\$TABLE	MAR00&00000ELSBT						
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA	
WHEA	0.300						
BARL		0.250					
MAIZ			0.500				
OCES				0.250			
RICE					0.150		
SUGA						0.100	
MUTT			-0.040				
POUL	-0.060		-0.070				
EGGS	-0.020		-0.050				
MILK			-0.060				
\$COLUMNS	LENT	CHKP	DRYB				
LENT	0.250						
CHKP		0.250					
DRYB			0.250				
\$COLUMNS	SOYA	SUNF	GNUT	OZOY	OSUN	OGNU	OOLI
SOYA	0.200						
SUNF		0.150					
GNUT			0.150				
OZOY	-0.090			0.040			
OSUN		-0.420			0.400		
OGNU			-0.420			0.400	
OOLI							0.400
KSOY	-0.090			0.040			
KSUN		-0.420			0.400		
KGNU			-0.420			0.400	
\$COLUMNS	KSOY	KSUN	KGNU				
OZOY	0.100						
OSUN		0.070					
OGNU			0.070				
KSOY	0.100						
KSUN		0.070					
KGNU			0.070				
POUL	-0.070						
EGGS	-0.070						
MILK	-0.030						
\$COLUMNS	BEEF	MUTT	POUL	EGGS			
BEEF	0.210						
MUTT		0.500					
POUL			0.600				
EGGS				0.500			
MILK	0.060						
\$COLUMNS	MILK	BUTT	CHES				
BEEF	0.050						
MILK	0.400	-0.003					
BUTT	-0.031	0.070	-0.039				
MDRY	-0.700	0.580	-0.420				
CHES	-0.250	-0.014	0.600				
\$COLUMNS	TOBA	COTT	POTA				
TOBA	0.100						
COTT		0.450					
POTA			0.250				

TUNISIA

\$TABLE	TUN00&0000ELSBT						
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA	
WHEA	0.300						
BARL		0.250					
MAIZ			0.500				
OCES				0.250			
RICE					0.150		
SUGA						0.100	
MUTT			-0.040				
POUL	-0.060		-0.070				
EGGS	-0.020		-0.050				
MILK			-0.060				
\$COLUMNS	LENT	CHKP	DRYB				
LENT	0.250						
CHKP		0.250					
DRYB			0.250				
\$COLUMNS	SOYA	SUNF	GNUT	OOSOY	OSUN	OGNU	OOLI
SOYA	0.200						
SUNF		0.150					
GNUT			0.150				
OOSOY	-0.090			0.040			
OSUN		-0.420			0.400		
OGNU			-0.420			0.400	
OOLI							0.400
KSOY	-0.090			0.040			
KSUN		-0.420			0.400		
KGNU			-0.420			0.400	
\$COLUMNS	KSOY	KSUN	KGNU				
OOSOY	0.100						
OSUN		0.070					
OGNU			0.070				
KSOY	0.100						
KSUN		0.070					
KGNU			0.070				
POUL	-0.070						
EGGS	-0.070						
MILK	-0.030						
\$COLUMNS	BEEF	MUTT	POUL	EGGS			
BEEF	0.210						
MUTT		0.500					
POUL			0.600				
EGGS				0.500			
MILK	0.060						
\$COLUMNS	MILK	BUTT	CHES				
BEEF	0.050						
MILK	0.400	-0.003					
BUTT	-0.031	0.070	-0.039				
MDRY	-0.700	0.580	-0.420				
CHES	-0.250	-0.014	0.600				
\$COLUMNS	TOBA	COTT	POTA				
TOBA	0.100						
COTT		0.450					
POTA			0.250				

SOUTH AFRICA

\$TABLE	SA	00&&0000ELSBT						
\$COLUMNS		WHEA	BARL	MAIZ	OCES	RICE	SUGA	
WHEA	0.450	-0.006	-0.260	-0.012				
BARL	-0.160	0.500	-0.100	-0.004				
MAIZ	-0.100	-0.002	0.450	-0.004				
OCES	-0.160	-0.002	-0.100	0.500				
RICE					0.330			
SUGA						0.480		
BEEF				-0.020				
PMEA				-0.030				
MUTT				-0.040				
POUL	-0.020			-0.080				
EGGS				-0.030				
MILK				-0.030				
POTA					-0.004			
\$COLUMNS		SOYA	SUNF	GNUT	OZOY	OSUN	OGNU	OOLI
SOYA	0.350							
SUNF		0.350						
GNUT			0.350					
OZOY	-0.370				0.120			
OSUN		-0.970				0.720		
OGNU			-0.970				0.720	
OOLI							0.720	
KSOY	-0.370				0.120			
KSUN		-0.970				0.720		
KGNU			-0.970				0.720	
\$COLUMNS		KSOY	KSUN	KGNU				
OZOY	0.300							
OSUN		0.300						
OGNU			0.300					
KSOY	0.300							
KSUN		0.300						
KGNU			0.300					
POUL	-0.010							
\$COLUMNS		BEEF	PMEA	MUTT	POUL	EGGS		
BEEF	0.500							
PMEA		0.750			-0.300			
MUTT			0.500		-0.050			
POUL		-0.160	-0.040	0.800	-0.020			
EGGS				-0.030	0.500			
MILK	0.090							
\$COLUMNS		MILK	BUTT	MDRY	CHES			
BEEF	0.040							
MILK	0.450							
BUTT	-0.240	0.330	0.330	-0.370				
MDRY	-0.210	0.300	0.300	-0.340				
CHES	-0.270	-0.120	-0.120	0.550				
\$COLUMNS		TOBA	COTT	POTA				
OCES				-0.021				
TOBA	0.300							
COTT		0.490						
POTA			0.500					

REST OF AFRICA

\$TABLE	RAF00&&0000ELSBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	0.490					
BARL		0.440	-0.042	-0.032		
MAIZ		-0.003	0.400	-0.032		
OCES		-0.003	-0.042	0.440		
RICE					0.300	-0.010
SUGA					-0.010	0.130
LENT				-0.032		
CHKP				-0.032		
DRYB				-0.032		
SUNF		-0.001		-0.015		
GNUT		-0.001		-0.015		
TOBA			-0.020			
COTT	-0.020				-0.032	
POTA						
\$COLUMNS	LENT	CHKP	DRYB			
OCES	-0.001	-0.002	-0.006			
LENT	0.440	-0.002	-0.006			
CHKP	-0.001	0.440	-0.006			
DRYB	-0.001	-0.002	0.440			
\$COLUMNS	SOYA	SUNF	GNUT	OSOY	OSUN	OGNU
BARL				-0.006		
OCES				-0.006		
SOYA	0.130					
SUNF		0.160				
GNUT			0.160			
OSOY	-0.190				0.080	
KSOY	-0.190				0.080	
KSUN		-0.130				
KGNU			-0.130			
\$COLUMNS	KSOY	KSUN	KGNU			
SUNF		-0.045				
GNUT			-0.032			
OSOY	0.200					
OSUN		0.130				
OGNU			0.130			
KSOY	0.200					
KSUN		0.130				
KGNU			0.130			
\$COLUMNS	TOBA	COTT	POTA			
OCES			-0.020			
TOBA	0.150					
COTT		0.400				
POTA			0.440			

BANGLADESH

\$TABLE	BGD00&&0000ELSBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	0.400	-0.001	-0.001		-0.010	
BARL	-0.076	0.500				-0.040
MAIZ	-0.216		0.460		-0.009	
OCES	-0.076			0.500	-0.040	
RICE					0.400	

SUPPLY ELASTICITIES - MAIN MODEL

SUGA	-0.010				-0.140	0.450
GNUT	-0.029	-0.001	-0.001		-0.075	
COTT	-0.056	-0.002			-0.015	
\$COLUMNS	LENT	CHKP				
LENT	0.500					
CHKP		0.500				
\$COLUMNS	SOYA	GNUT	OLOY	OGNU	OOLI	
WHEA		-0.001				
BARL		-0.002				
MAIZ		-0.014				
OCES		-0.002				
SOYA	0.200					
GNUT		0.400				
OLOY	-0.530		0.280			
OGNU		-0.630		0.380		
OOLI					0.380	
KSOY	-0.530		0.280			
KGNU		-0.630		0.380		
COTT		-0.006				
\$COLUMNS	KSOY	KGNU				
OLOY	0.300					
OGNU		0.300				
KSOY	0.300					
KGNU		0.300				
\$COLUMNS	TOBA	COTT	POTA			
WHEA		-0.002				
BARL		-0.004				
MAIZ		-0.001				
OCES		-0.004				
SOYA		-0.010				
GNUT		-0.004				
TOBA	0.340					
COTT		0.500				
POTA			0.500			

PAKISTAN

\$TABLE	PAK00�ELSBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	0.400	-0.003	-0.010	-0.003	-0.030	
BARL	-0.220	0.500			-0.040	
MAIZ	-0.090		0.460		-0.050	
OCES	-0.220			0.500	-0.040	
RICE	-0.010	-0.001		-0.001	0.400	
SUGA	-0.010				-0.140	0.450
SUNF	-0.088	-0.010	-0.018	-0.013	-0.079	
GNUT	-0.088	-0.010	-0.018	-0.013	-0.079	
COTT	-0.030			-0.001	-0.070	
\$COLUMNS	LENT	CHKP				
LENT	0.500					
CHKP		0.500				
\$COLUMNS	SOYA	SUNF	GNUT	OLOY	OSUN	OGNU
WHEA		-0.001				
BARL		-0.006	-0.004			
MAIZ		-0.001	-0.001			
OCES		-0.006	-0.004			
RICE		-0.001				
SOYA	0.200					
SUNF		0.400				
GNUT			0.400			
OLOY	-0.530			0.280		
OSUN		-0.630			0.380	
OGNU			-0.630			0.380

SUPPLY ELASTICITIES - MAIN MODEL

OOLI						0.380
KSOY	-0.530			0.280		
KSUN		-0.630			0.380	
KGNU			-0.630			0.380
\$COLUMNS	KSOY	KSUN	KGNU			
OSOY	0.300					
OSUN		0.300				
OGNU			0.300			
KSOY	0.300					
KSUN		0.300				
KGNU			0.300			
\$COLUMNS	TOBA	COTT	POTA			
WHEA		-0.020				
BARL		-0.020				
MAIZ		-0.020				
OCES		-0.020				
RICE		-0.020				
SOYA		-0.010				
SUNF		-0.018				
GNUT		-0.018				
TOBA	0.340					
COTT		0.500				
POTA			0.500			

INDIA

\$TABLE	IND00&0000ELSBT						
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA	
WHEA	0.450	-0.001	-0.010	-0.009	-0.050	-0.030	
BARL	-0.060	0.500				-0.050	
MAIZ	-0.090		0.600			-0.100	
OCES	-0.060			0.500		-0.050	
RICE	-0.020				-0.003	0.400	
SUGA	-0.150					-0.060	0.500
SOYA		-0.006	-0.070	-0.042		-0.070	
SUNF	-0.015	-0.007	-0.005	-0.052		-0.015	
GNUT	-0.015	-0.007	-0.005	-0.052		-0.015	
COTT	-0.060					-0.150	
\$COLUMNS	LENT	CHKP					
LENT	0.500						
CHKP		0.500					
\$COLUMNS	SOYA	SUNF	GNUT	OSOY	OSUN	OGNU	OOLI
WHEA			-0.002				
BARL	-0.010	-0.008	-0.038				
MAIZ	-0.020	-0.001	-0.007				
OCES	-0.010	-0.008	-0.038				
RICE			-0.001				
SOYA	0.400						
SUNF		0.350					
GNUT			0.350				
OSOY	-0.380			0.130			
OSUN		-0.380			0.280		
OGNU			-0.380			0.280	
OOLI							0.280
KSOY	-0.380			0.130			
KSUN		-0.380			0.280		
KGNU			-0.380			0.280	
\$COLUMNS	KSOY	KSUN	KGNU				
OSOY	0.300						
OSUN		0.150					
OGNU			0.150				
KSOY	0.300						
KSUN		0.150					

SUPPLY ELASTICITIES - MAIN MODEL

KGNU			0.150		
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS
BEEF	0.200				
PMEA		0.300			
MUTT			0.350		
POUL				0.400	
EGGS					0.400
\$COLUMNS	MILK				
MILK	0.300				
\$COLUMNS	TOBA	COTT	POTA		
TOBA	0.190				
COTT		0.680			
POTA			0.500		

CHINA

\$TABLE	CHN00&0000ELSBT						
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA	
WHEA	0.150		-0.020				-0.020
BARL		0.150					
MAIZ	-0.030		0.180				-0.010
OCES				0.150			
RICE					0.150		
SUGA						0.150	
SUNF	-0.020	-0.002		-0.004			
GNUT	-0.020	-0.002		-0.004			
PMEA			-0.030				
MUTT			-0.020				
POUL			-0.100				
MILK			-0.020				
\$COLUMNS	LENT	CHKP	DRYB				
LENT	0.150						
CHKP		0.150					
DRYB			0.150				
\$COLUMNS	SOYA	SUNF	GNUT	OSOY	OSUN	OGNU	OOLI
WHEA		-0.001	-0.001				
BARL		-0.002	-0.003				
OCES		-0.002	-0.003				
SOYA	0.100						
SUNF		0.100					
GNUT			0.100				
OSOY	-0.330			0.080			
OSUN		-0.740			0.490		
OGNU			-0.740			0.490	
OOLI							0.490
KSOY	-0.330			0.080			
KSUN		-0.740			0.490		
KGNU			-0.740			0.490	
\$COLUMNS	KSOY	KSUN	KGNU				
OSOY	0.300						
OSUN		0.300					
OGNU			0.300				
KSOY	0.300						
KSUN		0.300					
KGNU			0.300				
\$COLUMNS	BEEF	PMEA	MUTT	POUL			
BEEF	0.210	-0.040	-0.010				
PMEA		0.500					
MUTT		-0.030	0.250				
POUL		-0.070		0.490			
MILK	0.140						
\$COLUMNS	MILK	BUTT	MDRY	CHES			
BEEF	0.100						

SUPPLY ELASTICITIES - MAIN MODEL

MILK	0.300			
BUTT	-0.180	0.150	0.150	-0.070
MDRY	-0.190	0.150	0.150	-0.070
CHES	-0.180	-0.050	-0.050	0.330
\$COLUMNS	TOBA	COTT	POTA	
TOBA	0.150			
COTT		0.100		
POTA			0.150	

JAPAN

\$TABLE	JAP00&0000ELSBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	0.520	-0.100		-0.002	-0.100	
BARL	-0.280	0.550			-0.120	
MAIZ			0.300			
OCES	-0.280			0.550	-0.120	
RICE		-0.002			0.500	
SUGA						0.450
SOYA					-0.250	
GNUT					-0.030	
BEEF			-0.050			
PMEA			-0.070			
POUL			-0.160			
EGGS			-0.070		*	
\$COLUMNS	SOYA	GNUT	OSOY	OSUN	OGNU	OOLI
SOYA	0.650	-0.003				
GNUT	-0.030	0.900				
OSOY	-0.380		0.130			
OSUN				0.430		
OGNU		-0.560			0.430	
OOLI						0.430
KSOY	-0.380		0.130			
KSUN				0.430		
KGNU		-0.560			0.430	
\$COLUMNS	KSOY	KSUN	KGNU			
OSOY	0.300					
OSUN		0.180				
OGNU			0.180			
KSOY	0.300					
KSUN		0.180				
KGNU			0.180			
PMEA	-0.040					
POUL	-0.070					
EGGS	-0.030					
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS	
BEEF	0.400	-0.100		-0.060		
PMEA	-0.110	0.830		-0.060		
MUTT			0.450			
POUL	-0.150	-0.140		1.270	-0.030	
EGGS					0.800	
MILK	0.330					
\$COLUMNS	MILK	BUTT	MDRY	CHES		
BEEF	0.270					
MILK	0.400					
BUTT	-0.200	0.150	0.150	-0.050		
MDRY	-0.160	0.130	0.130	-0.020		
CHES	-0.180	-0.440	-0.440	1.100		
\$COLUMNS	TOBA	POTA				
TOBA	0.200					
POTA		0.550				

REST OF ASIA

\$TABLE	RAS00&&00000ELSBT						
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA	
WHEA	0.370	-0.056	-0.007	-0.012	-0.028		
BARL	-0.077	0.150	-0.016	-0.001	-0.016	-0.016	
MAIZ	-0.002	-0.003	0.410	-0.001	-0.140	-0.020	
OCES	-0.076	-0.003	-0.016	0.150	-0.016	-0.016	
RICE			-0.010		0.290		
SUGA	-0.010	-0.003	-0.020	-0.001	-0.010	0.400	
LENT				-0.001			
CHKP				-0.001			
SOYA		-0.003	-0.010	-0.001			
SUNF	-0.013		-0.003		-0.003		
GNUT	-0.013		-0.003		-0.003		
BEEF			-0.010				
PMEA			-0.010				
POUL			-0.050				
TOBA			-0.010				
COTT	-0.032	-0.027		-0.006	-0.040		
POTA				-0.001			
\$COLUMNS	LENT	CHKP					
OCES		-0.001					
LENT	0.150	-0.001					
CHKP		0.150					
\$COLUMNS	SOYA	SUNF	GNUT	OSOY	OSUN	OGNU	OOLI
WHEA		-0.003	-0.010				
BARL	-0.008						
MAIZ			-0.001				
OCES	-0.008						
SOYA	0.290	-0.001	-0.005				
SUNF	-0.012	0.340	-0.002		-0.001		
GNUT	-0.012		0.340			-0.001	
OSOY	-0.150			0.090			
OSUN		-0.119			0.240		
OGNU			-0.003			0.240	
OOLI							0.240
KSOY	-0.150			0.090			
KSUN		-0.070			0.240		
KGNU			-0.070			0.240	
COTT		-0.003	-0.011				
\$COLUMNS	KSOY	KSUN	KGNU				
SUNF		-0.001		-0.009			
GNUT			-0.009				
OSOY	0.230						
OSUN		0.070					
OGNU			0.070				
KSOY	0.230						
KSUN		0.070					
KGNU			0.070				
PMEA	-0.030						
POUL	-0.080						
EGGS	-0.030						
\$COLUMNS	BEEF	PMEA	POUL	EGGS			
BEEF	0.120	-0.040					
PMEA	-0.010	0.220					
POUL			0.310				
EGGS				0.160			
\$COLUMNS	TOBA	COTT	POTA				
WHEA		-0.007					
BARL		-0.008					
MAIZ		-0.010					
OCES		-0.008	-0.007				

SUPPLY ELASTICITIES - MAIN MODEL

RICE	-0.010	-0.010
SUNF		-0.003
GNUT		-0.003
TOBA	0.480	
COTT		0.340
POTA		0.150

UNITED STATES OF AMERICA

\$TABLE	USA000&0000ELSBT						
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA	
WHEA	0.600	-0.012	-0.250	-0.026		-0.010	
BARL	-0.100	0.600	-0.030	-0.004			
MAIZ	-0.090	-0.002	0.480	-0.004			
OCES	-0.100	-0.002	-0.030	0.600			
RICE					0.400		
SUGA	-0.090					0.500	
LENT				-0.004			
SOYA	0.030	-0.011	-0.150	-0.023			
SUNF	-0.019	-0.097		-0.208		-0.017	
GNUT	-0.019	-0.097		-0.208		-0.017	
BEEF			-0.070				
PMEA	-0.010		-0.270				
MUTT			-0.180				
POUL	-0.020		-0.080				
EGGS	-0.020		-0.100				
MILK	-0.020		-0.040				
POTA				-0.004			
\$COLUMNS	LENT						
LENT	0.600						
\$COLUMNS	SOYA	SUNF	GNUT	OZOY	OSUN	OGNU	OOLI
WHEA	0.050						
BARL	-0.090	-0.018	-0.018				
MAIZ	-0.070						
OCES	-0.090	-0.018	-0.018				
SUGA		-0.002	-0.002				
SOYA	0.600						
SUNF		0.550					
GNUT			0.550				
OZOY	-0.380			0.130			
OSUN		-0.690			0.440		
OGNU			-0.690			0.440	
OOLI							0.440
KSOY	-0.380			0.130			
KSUN		-0.690			0.440		
KGNU			-0.690			0.440	
TOBA	-0.050						
COTT	-0.250						
\$COLUMNS	KSOY	KSUN	KGNU				
OZOY	0.300						
OSUN		0.300					
OGNU			0.300				
KSOY	0.300						
KSUN		0.300					
KGNU			0.300				
BEEF	-0.010						
PMEA	-0.130						
POUL	-0.110						
EGGS	-0.060						
MILK	-0.010						
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS		
BEEF	0.650	-0.010					
PMEA	-0.020	1.000		-0.010			

SUPPLY ELASTICITIES - MAIN MODEL

MUTT			0.800		
POUL	-0.010		0.650	-0.020	
EGGS			-0.040	0.550	
MILK	0.020				
\$COLUMNS	MILK	BUTT	MDRY	CHES	
BEEF	0.020				
MILK	0.500	-0.004	0.015		
BUTT	-0.200	0.500	0.500	-0.750	
MDRY	-0.200	0.500	0.500	-0.750	
CHES	-0.250	-0.130	-0.130	0.640	
\$COLUMNS	TOBA	COTT	POTA		
OCES			-0.006		
TOBA	0.250				
COTT		0.740			
POTA			0.600		

CANADA

\$TABLE	CAN00&&0000ELSBT				
\$COLUMNS	WHEA	BARL	MAIZ	OCES	SUGA
WHEA	0.500	-0.100		-0.025	
BARL	-0.330	0.750			
MAIZ			0.230		
OCES	-0.330			0.750	
SUGA					0.300
SOYA	-0.090				
SUNF	-0.340	-0.132		-0.033	
BEEF			-0.020		
PMEA	-0.240		-0.120		
POUL	-0.270		-0.040		
EGGS	-0.190		-0.020		
\$COLUMNS	LENT	DRYB			
LENT	0.750				
DRYB		0.750			
\$COLUMNS	SOYA	SUNF	OOSOY	OSUN	OOLI
WHEA		-0.001			
BARL		-0.001			
MAIZ	-0.030				
OCES		-0.001			
SOYA	0.350				
SUNF		0.850			
OOSOY	-0.370		0.120		
OSUN		-0.970		0.720	
OOLI					0.720
KSOY	-0.370		0.120		
KSUN		-0.970		0.720	
\$COLUMNS	KSOY	KSUN			
OOSOY	0.300				
OSUN		0.300			
KSOY	0.300				
KSUN		0.300			
PMEA	-0.190				
EGGS	-0.020				
BUTT	-0.010				
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS
BEEF	0.500	-0.030			
PMEA	-0.050	1.500		-0.050	
MUTT			0.500		
POUL		-0.090		0.700	
EGGS					0.500
MILK	0.040				
\$COLUMNS	MILK	BUTT	MDRY	CHES	
BEEF	0.050				

SUPPLY ELASTICITIES - MAIN MODEL

MILK	0.450			
BUTT	-0.170	0.340	0.340	-0.460
MDRY	-0.180	0.350	0.350	-0.470
CHES	-0.210	-0.300	-0.300	0.850
\$COLUMNS	TOBA	POTA		
TOBA	0.200			
POTA		0.750		

LATIN AMERICA

\$TABLE	LA 00�ELSBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	0.500	-0.006	-0.060	-0.057	-0.030	-0.080
BARL	-0.140	0.810	-0.170	-0.031	-0.030	
MAIZ	-0.070	-0.003	0.510	-0.031	-0.020	-0.030
OCES	-0.140	-0.003	-0.170	0.810	-0.030	
RICE	-0.040	-0.001	-0.030	-0.009	0.480	-0.070
SUGA			-0.020		-0.070	0.390
LENT				-0.031		
CHKP				-0.031		
DRYB				-0.031		
SOYA	0.090	-0.001	-0.030	-0.006	-0.020	-0.020
SUNF	-0.011	-0.013	-0.009	-0.117		
GNUT	-0.011	-0.013	-0.009	-0.117		
BEEF			-0.030			
PMEA			-0.040			
MUTT			-0.010			
POUL	-0.010		-0.070			
EGGS			-0.050			
MILK			-0.050			
COTT	-0.010		-0.040			
POTA				-0.031		
\$COLUMNS	LENT	CHKP	DRYB			
OCES	-0.001	-0.002	-0.002			
LENT	0.810	-0.002	-0.002			
CHKP	-0.001	0.810	-0.002			
DRYB	-0.001	-0.002	0.810			
\$COLUMNS	SOYA	SUNF	GNUT	OZOY	OSUN	OGNU
WHEA	0.070	-0.001				
BARL	-0.020	-0.037	-0.009			
MAIZ	-0.080					
OCES	-0.020	-0.037	-0.009			
RICE	-0.040					
SUGA	-0.100					
SOYA	0.570	-0.003	-0.001			
SUNF	-0.029	0.670			-0.014	
GNUT	-0.028	-0.002	0.670			-0.014
OZOY	-0.360			0.120		
OSUN		-0.250			0.490	
OGNU			-0.030			0.490
OOLI						0.490
KSOY	-0.360			0.120		
KSUN		-0.250			0.049	
KGNU			-0.250			0.049
COTT	-0.210					
\$COLUMNS	KSOY	KSUN	KGNU			
SUNF		-0.122				
GNUT			-0.084			
OZOY	0.290					
OSUN		0.250				
OGNU			0.250			
KSOY	0.290					
KSUN		0.250				

SUPPLY ELASTICITIES - MAIN MODEL

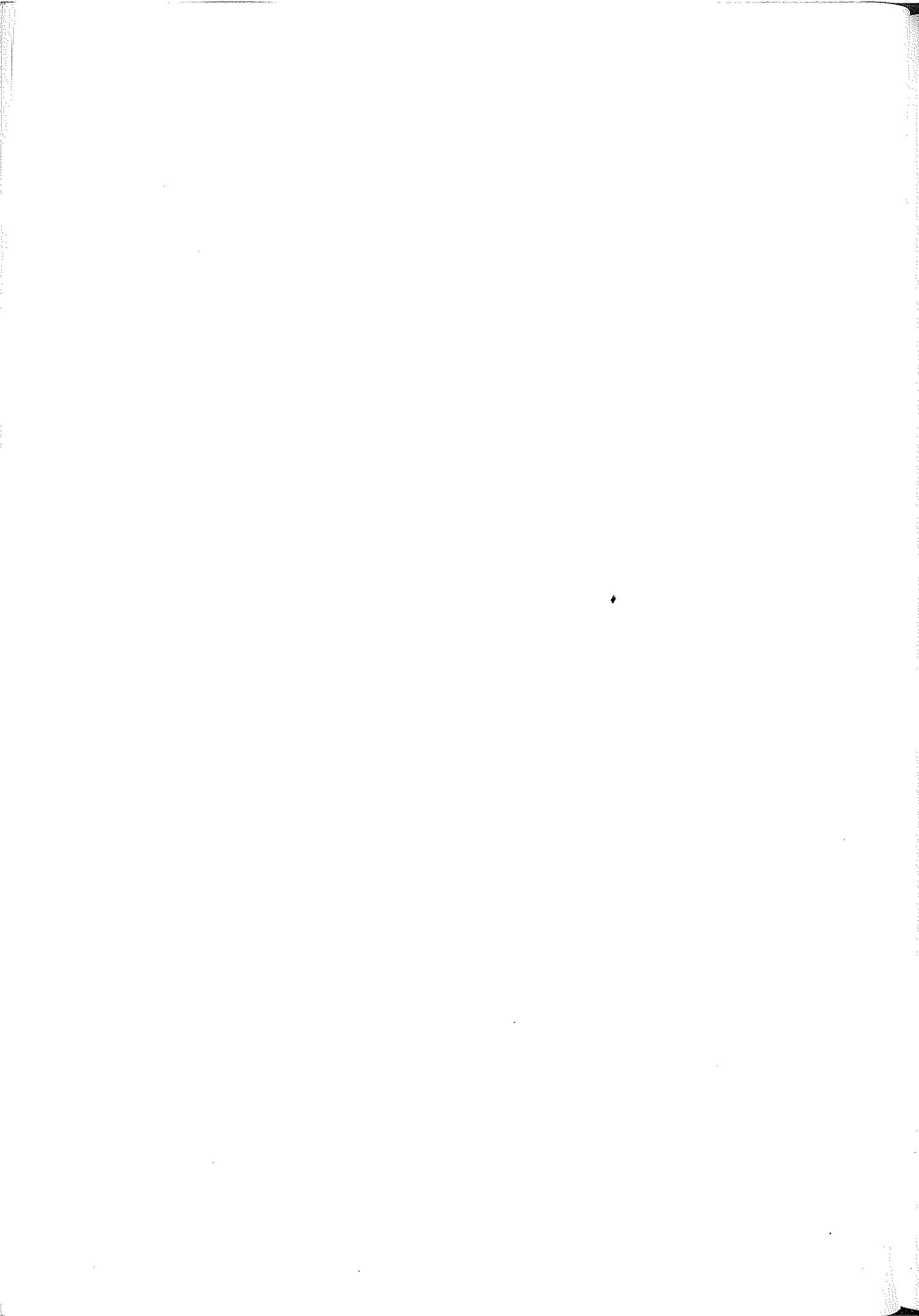
KGNU					0.250	
PMEA	-0.030					
POUL	-0.050					
EGGS	-0.020					
MILK	-0.010					
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS	
BEEF	0.460	-0.030				
PMEA	-0.030	0.570				
MUTT			0.470			
POUL				0.600		
EGGS					0.360	
\$COLUMNS	MILK	BUTT	MDRY	CHES		
BEEF	0.020					
MILK	0.430		-0.041	-0.027		
BUTT	-0.150	0.210	0.986	-0.092		
MDRY	-0.531	0.541	0.600	-0.341		
CHES	-0.157	-0.022	-0.151	0.330		
\$COLUMNS	TOBA	COTT	POTA			
OCES			-0.073			
TOBA	0.130					
COTT		0.560				
POTA			0.810			

AUSTRALIA AND NEW ZEALAND

\$TABLE	ANZ00&0000ELSBT						
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA	
WHEA	0.900	-0.093	-0.001	-0.077			
BARL	-0.360	0.830	-0.023	-0.155			
MAIZ	-0.025	-0.188	0.850	-0.155			
OCES	-0.360	-0.188	-0.023	0.830			
RICE	-0.110				0.600		
SUGA						0.500	
SUNF	-0.430						
GNUT	-0.427						
POUL	-0.010						
COTT	-0.330						
POTA				-0.155			
\$COLUMNS	SOYA	SUNF	GNUT	OSOY	OSUN	OGNU	OOLI
WHEA		-0.012	-0.003				
SOYA	0.500	-0.061	-0.013				
SUNF	-0.040	0.570	-0.013				
GNUT	-0.040	-0.061	0.570				
OSOY	-0.380			0.130			
OSUN		-0.710			0.500		
OGNU			-0.710			0.500	
OOLI							0.500
KSOY	-0.380			0.130			
KSUN		-0.710			0.500		
KGNU			-0.710			0.500	
\$COLUMNS	KSOY	KSUN	KGNU				
OSOY	0.300						
OSUN		0.250					
OGNU			0.250				
KSOY	0.300						
KSUN		0.250					
KGNU			0.250				
PMEA	-0.010						
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS		
BEEF	0.630	-0.030	-0.080	-0.010			
PMEA	-0.090	0.800	-0.030				
MUTT	-0.230		0.800				
POUL	-0.040		-0.070	0.800	-0.020		

SUPPLY ELASTICITIES - MAIN MODEL

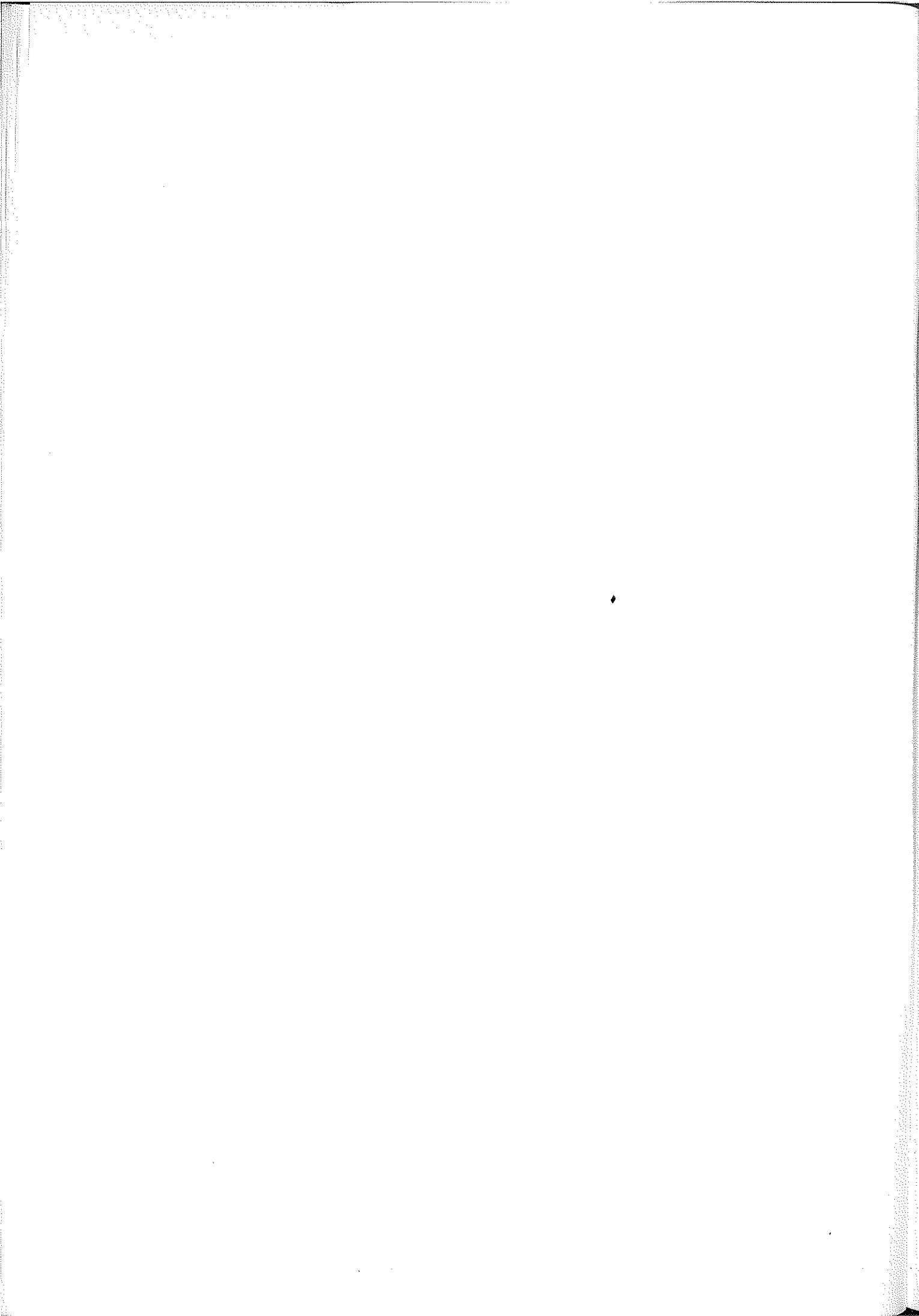
EGGS			-0.020	0.480
MILK	-0.030		-0.040	
\$COLUMNS	MILK	BUTT	MDRY	CHES
BEEF	0.030			
MUTT	-0.080			
MILK	0.550	-0.046	-0.070	
BUTT	-0.300	0.450	0.146	-0.418
MDRY	-0.300	0.450	0.146	-0.418
CHES	-0.290	-0.373	-0.512	1.400
\$COLUMNS	TOBA	COTT	POTA	
OCES			-0.196	
TOBA	0.480			
COTT		0.500		
POTA			0.830	
\$END				



APPENDIX B 4:

EXPORT SUPPLY ELASTICITIES

FRUITS AND VEGETABLES



EXPORT SUPPLY ELASTICITIES - FRUITS AND VEGETABLES

\$STANDARD

TURKEY

\$TABLE	TUR00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0

FRANCE

\$TABLE	FRA00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		0.9		
FRUF			0.6	
FRUP				1.0

GERMANY (WEST)

\$TABLE	GEW00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		0.9		
FRUF			0.6	
FRUP				1.0

GERMANY (EAST)

\$TABLE	GEE00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		0.9		
FRUF			0.6	
FRUP				1.0

GREECE

\$TABLE	GRE00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0

ITALY

\$TABLE	ITA00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		0.9		
FRUF			0.6	
FRUP				1.0

NETHERLANDS

\$TABLE	NL 00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		0.9		
FRUF			0.6	
FRUP				1.0

PORTUGAL

\$TABLE	PO 00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0

SPAIN

\$TABLE	SPA00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP

EXPORT SUPPLY ELASTICITIES - FRUITS AND VEGETABLES

VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0

UNITED KINGDOM

\$TABLE	UK 00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		0.9		
FRUF			0.6	
FRUP				1.0

REST OF EC

\$TABLE	REC00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		0.9		
FRUF			0.6	
FRUP				1.0

CYPRUS

\$TABLE	ZP 00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0

REST OF WESTERN EUROPE

\$TABLE	RWE00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0

BULGARIA

\$TABLE	BUL00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0

CZECHOSLOVAKIA

\$TABLE	CZE00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0

HUNGARY

\$TABLE	HUN00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0

POLAND

\$TABLE	POL00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0

YUGOSLAVIA

\$TABLE	JUG00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP

EXPORT SUPPLY ELASTICITIES - FRUITS AND VEGETABLES

VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0

UDSSR

\$TABLE	USS00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0

JORDAN

\$TABLE	JOR00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0

LEBANON

\$TABLE	LEB00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0

SYRIA

\$TABLE	SYR00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0

REST OF NON-OILPRODUCING MIDDLE EAST

\$TABLE	NME00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0

IRAN

\$TABLE	IRN00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0

IRAQ

\$TABLE	IRQ00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0

KUWAIT

\$TABLE	KUW00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0

SAUDI ARABIA

\$TABLE SAU00&&0000ELSBT

EXPORT SUPPLY ELASTICITIES - FRUITS AND VEGETABLES

\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0

REST OF OILPRODUCING MIDDLE EAST

\$TABLE	OME00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0

ISRAEL

\$TABLE	ISR00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0

ALGERIA

\$TABLE	ALG00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0

EGYPT

\$TABLE	EGY00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0

EXPORT SUPPLY ELASTICITIES - FRUITS AND VEGETABLES

LYBIA

\$TABLE	LYB00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0

MOROCCO

\$TABLE	MAR00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0

TUNISIA

\$TABLE	TUN00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0

SOUTH AFRICA

\$TABLE	SA 00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0

REST OF AFRICA

\$TABLE	RAF00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP

EXPORT SUPPLY ELASTICITIES - FRUITS AND VEGETABLES

VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0

BANGLADESH

\$TABLE	BGD00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0

PAKISTAN

\$TABLE	PAK00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0

INDIA

\$TABLE	IND00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0

CHINA

\$TABLE	CHN00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0

EXPORT SUPPLY ELASTICITIES - FRUITS AND VEGETABLES

JAPAN

\$TABLE	JAP00&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0

REST OF ASIA

\$TABLE	RAS00&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0

UNITED STATES OF AMERICA

\$TABLE	USA00&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	2.2			
VEGP		2.2		
FRUF			2.2	
FRUP				2.2

CANADA

\$TABLE	CAN00&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0

LATIN AMERICA

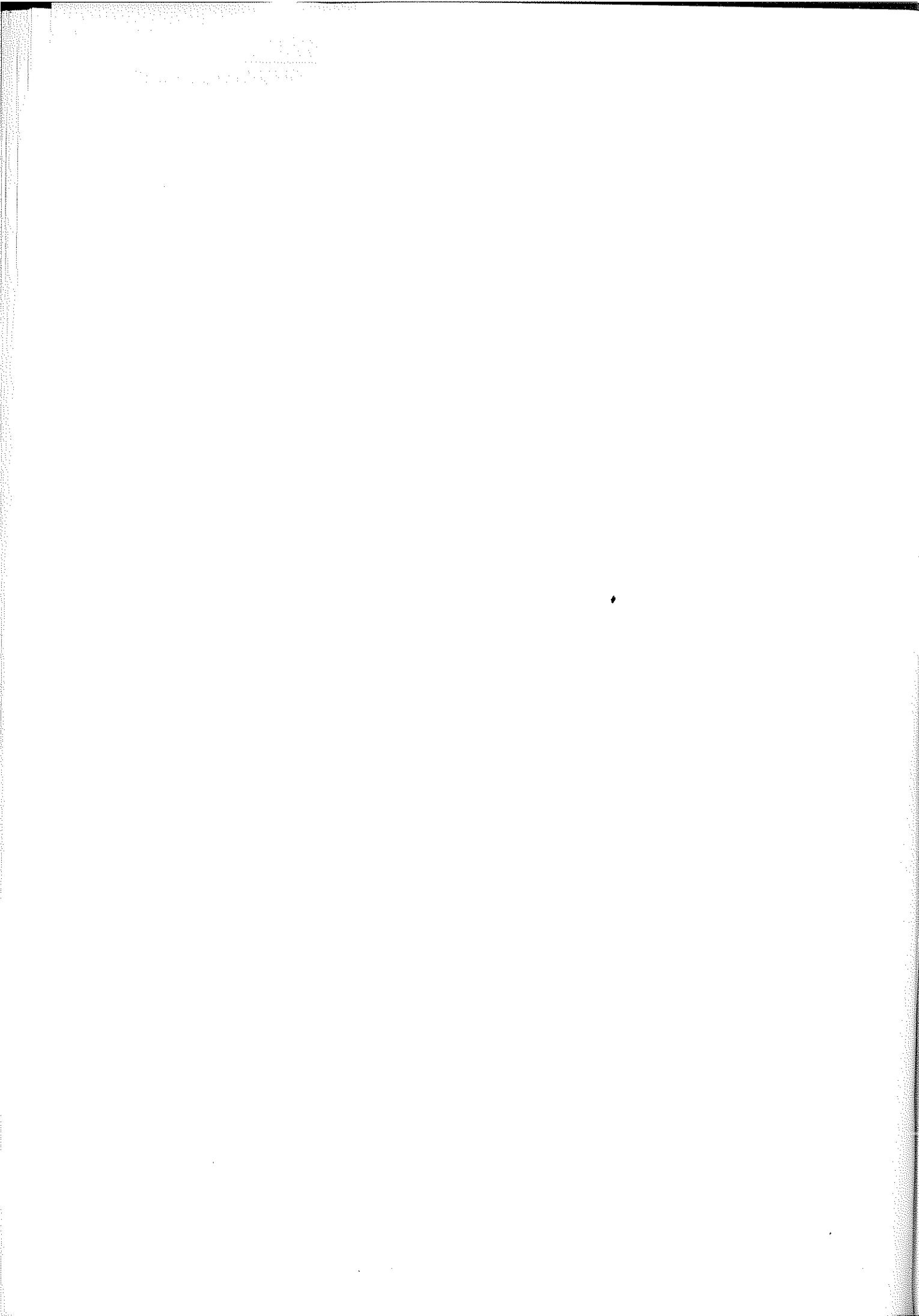
\$TABLE	LA 00&0000ELSBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP

EXPORT SUPPLY ELASTICITIES - FRUITS AND VEGETABLES

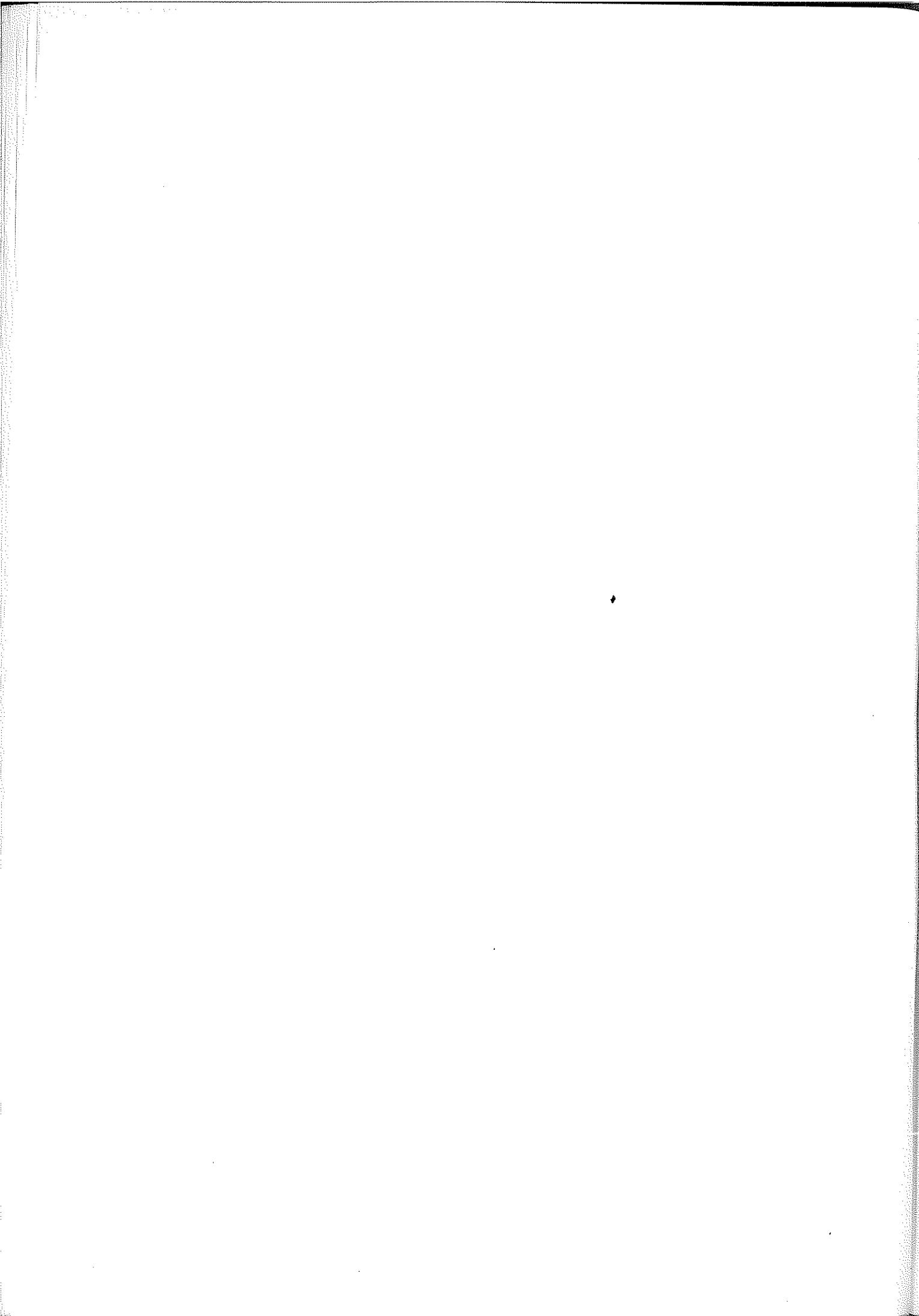
VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0

AUSTRALIA AND NEW ZEALAND

\$TABLE	ANZ00&&0000ELSBT			
\$COLUMNS	VEGF	VEGP	PRUF	FRUP
VEGF	1.0			
VEGP		1.0		
FRUF			1.0	
FRUP				1.0
\$END				



APPENDIX B 5:
DEMAND ELASTICITIES
MAIN MODEL



DEMAND ELASTICITIES - MAIN MODEL

\$STANDARD

TURKEY

\$TABLE	TUR00000000ELDBT						
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA	
WHEA	-0.340						
BARL		-0.200	0.016	0.004			
MAIZ		0.039	-0.300	0.004			
OCES		0.039	0.016	-0.200			
RICE					-0.200		
SUGA						-0.300	
LENT				0.004			
CHKP				0.004			
DRYB				0.004			
KSOY		0.042	0.043	0.005			
KSUN			0.037				
KGNU			0.035				
BEEF		0.006	0.003	0.001			
MUTT	0.080	0.005	0.006	0.001			
POUL		0.032	0.021	0.004			
EGGS		0.006	0.004	0.001			
MILK		0.007	0.005	0.001			
\$COLUMNS	LENT	CHKP	DRYB				
WHEA							
OCES	0.007	0.007	0.001				
LENT	-0.200	0.007	0.001				
CHKP	0.007	-0.200	0.001				
DRYB	0.007	0.007	-0.200				
\$COLUMNS	SOYA	SUNF	GNUT	OZOY	OSUN	OGNU	OOLI
WHEA							
SOYA	-0.300			0.089			
SUNF		-0.300			0.003		
GNUT			-0.300			0.001	
OZOY	0.036			-0.300			
OSUN		0.003			-0.300		
OGNU			0.003			-0.300	
OOLI							-0.300
KSOY	0.078						
\$COLUMNS	KSOY	KSUN	KGNU				
WHEA							
BARL	0.004						
MAIZ	0.010	0.017					
OCES	0.004						
SOYA	0.078						
KSOY	-0.500	0.039	0.001				
KSUN	0.020	-0.350	0.001				
KGNU	0.019	0.037	-0.350				
BEEF	0.001	0.002					
MUTT	0.001	0.004					
POUL	0.006	0.016					
EGGS	0.001	0.003					
MILK	0.002	0.004					
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS		
WHEA			0.020				
BARL	0.010		0.010	0.030	0.010		
MAIZ	0.011		0.027	0.048	0.016		
OCES	0.010		0.010	0.030	0.010		
KSOY	0.011		0.030	0.055	0.022		
KSUN	0.016		0.043	0.080	0.032		
KGNU	0.015		0.041	0.075	0.030		
BEEF	-0.360		0.020	0.020			
PMEA			-0.200				

DEMAND ELASTICITIES - MAIN MODEL

MUTT	0.020	-0.500	0.150	
POUL	0.040	0.310	-0.600	
EGGS				-0.600
\$COLUMNS	MILK	BUTT	MDRY	CHES
WHEA				
BARL	0.020			
MAIZ	0.037			
OCES	0.020			
KSOY	0.048			
KSUN	0.070			
KGNU	0.066			
MILK	-0.500		0.030	
BUTT		-0.200		
MDRY			-0.200	
CHES				-0.200
\$COLUMNS	TOBA	COTT	POTA	
WHEA				
TOBA	-0.300			
COTT		-0.300		
POTA			-0.200	

BELGIUM, LUXEMBOURG

\$TABLE	BL	00�ELDBT						
\$COLUMNS		WHEA	BARL	MAIZ	OCES	RICE	SUGA	
WHEA	-0.280	0.013	0.022	0.007	0.006			
BARL	0.042	-0.350	0.022	0.005				
MAIZ	0.054	0.018	-0.440	0.009				
OCES	0.042	0.009	0.022	-0.350				
RICE	0.025					-0.470		
SUGA							-0.480	
LENT					0.009			
DRYB					0.009			
KSOY		0.002	0.004	0.001				
KSUN			0.013					
KGNU			0.013					
BEEF	0.004	0.002	0.004	0.001				
PMEA	0.022	0.013	0.015	0.007				
MUTT		0.005		0.003				
POUL	0.013	0.008	0.012	0.004				
EGGS	0.020	0.009	0.013	0.005				
MILK	0.007	0.003	0.005	0.002				
\$COLUMNS		LENT	DRYB					
LENT	-0.350	0.001						
DRYB		-0.350						
\$COLUMNS		SOYA	SUNF	GNUT	OSOY	OSUN	OGNU	OOLI
SOYA	-0.390				0.100			
SUNF		-0.630						
GNUT			-0.630					
OSOY				-0.570	0.015	0.006	0.036	
OSUN				0.029	-0.570	0.006	0.036	
OGNU				0.029	0.015	-0.570	0.036	
OOLI				0.029	0.015	0.006	-0.570	
\$COLUMNS		KSOY	KSUN	KGNU				
BARL	0.003							
MAIZ	0.004	0.003						
OCES	0.003							
SOYA	0.240							
KSOY	-0.370	0.019	0.002					
KSUN	0.108	-0.680	0.002					
KGNU	0.105	0.019	-0.680					
BEEF	0.003	0.001						
PMEA	0.014	0.005	0.001					

DEMAND ELASTICITIES - MAIN MODEL

MUTT	0.005	0.002				
POUL	0.010	0.004				
EGGS	0.012	0.005	0.001			
MILK	0.004	0.002				
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS	
WHEA	0.013	0.071		0.013	0.026	
BARL	0.025	0.138	0.005	0.025	0.035	
MAIZ	0.028	0.118		0.028	0.039	
OCES	0.025	0.138	0.005	0.025	0.035	
KSOY	0.021	0.100	0.004	0.021	0.032	
KSUN	0.047	0.218	0.008	0.047	0.070	
KGNU	0.045	0.213	0.008	0.045	0.069	
BEEF	-0.760	0.300	0.010	0.040		
PMEA	0.260	-0.790	0.030	0.030		
MUTT	0.220	0.100	-1.190	0.100		
POUL	0.110	0.090	0.080	-0.600		
EGGS					-0.200	
\$COLUMNS	MILK	BUTT	MDRY	CHES		
WHEA	0.030					
BARL	0.046					
MAIZ	0.052					
OCES	0.046					
KSOY	0.044					
KSUN	0.096					
KGNU	0.094					
MILK	-0.100	0.008	0.015	0.039		
BUTT	0.038	-0.430				
MDRY	0.181	0.020	-0.390	0.080		
CHES	0.111		0.020	-0.400		
\$COLUMNS	TOBA	COTT	POTA			
TOBA	-0.460					
COTT		-0.510				
POTA			-0.350			

DENMARK

\$TABLE	DK	00&&0000ELDBT				
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	-0.280	0.032	0.002	0.004	0.005	
BARL	0.025	-0.350	0.002	0.015		
MAIZ	0.122	0.132	-0.440	0.015		
OCES	0.023	0.123	0.002	-0.350		
RICE	0.153				-0.470	
SUGA						-0.480
LENT				0.015		
DRYB				0.015		
KSOY		0.006		0.001		
KSUN			0.002			
KGNU			0.002			
BEEF	0.010	0.025		0.003		
PMEA	0.026	0.064		0.008		
MUTT		0.081		0.009		
POUL	0.029	0.071		0.008		
EGGS	0.029	0.050		0.006		
MILK	0.005	0.009		0.001		
\$COLUMNS	LENT	DRYB				
LENT	-0.350					
DRYB		-0.350				
\$COLUMNS	SOYA	SUNF	GNUT	OZOY	OSUN	OGNU
SOYA	-0.390			0.100		
SUNF		-0.630				
GNUT			-0.630			
OZOY				-0.570	0.002	0.001
					0.103	

DEMAND ELASTICITIES - MAIN MODEL

OSUN			0.026	-0.570	0.001	0.103
OGNU			0.026	0.002	-0.570	0.103
OOLI			0.026	0.002	0.001	-0.570
\$COLUMNS	KSOY	KSUN	KGNU			
BARL	0.003					
MAIZ	0.001	0.009				
OCES	0.003					
SOYA	0.240					
KSOY	-0.370	0.015				
KSUN	0.117	-0.680				
KGNU	0.114	0.015	-0.680			
BEEF	0.016	0.004				
PMEA	0.033	0.009				
MUTT	0.040	0.011				
POUL	0.044	0.012				
EGGS	0.033	0.009				
MILK	0.006	0.002				
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS	
WHEA	0.010	0.055		0.010	0.020	
BARL	0.019	0.107	0.004	0.019	0.027	
MAIZ	0.004	0.017		0.004	0.006	
OCES	0.018	0.100	0.004	0.018	0.025	
KSOY	0.023	0.108	0.004	0.023	0.035	
KSUN	0.047	0.219	0.008	0.047	0.070	
KGNU	0.046	0.214	0.008	0.046	0.068	
BEEF	-0.760	0.300	0.010	0.040		
PMEA	0.260	-0.790	0.030	0.030		
MUTT	0.220	0.100	-1.190	0.100		
POUL	0.110	0.090	0.080	-0.600		
EGGS					♦0.200	
\$COLUMNS	MILK	BUTT	MDRY	CHES		
WHEA	0.025					
BARL	0.038					
MAIZ	0.008					
OCES	0.035					
KSOY	0.051					
KSUN	0.103					
KGNU	0.101					
MILK	-0.100	0.008	0.009	0.041		
BUTT	0.134	-0.430	0.005			
MDRY	0.334	0.011	-0.390	0.045		
CHES	0.338		0.010	-0.400		
\$COLUMNS	TOBA	COTT	POTA			
TOBA	-0.460					
COTT		-0.510				
POTA			-0.350			

FRANCE

\$TABLE	FRA00&0000ELDBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	-0.280	0.012	0.025	0.004	0.007	
BARL	0.043	-0.350	0.024	0.002		
MAIZ	0.054	0.014	-0.440	0.004		
OCES	0.043	0.007	0.024	-0.350		
RICE	0.072				-0.470	
SUGA						-0.480
LENT				0.004		
DRYB				0.004		
KSOY		0.004	0.008	0.001		
KSUN			0.014			
KGNU			0.014			
BEEF	0.004	0.002	0.004	0.001		

DEMAND ELASTICITIES - MAIN MODEL

PMEA	0.037	0.018	0.029	0.006				
MUTT		0.002		0.001				
POUL	0.015	0.007	0.015	0.002				
EGGS	0.022	0.008	0.016	0.002				
MILK	0.007	0.003	0.006	0.001				
\$COLUMNS	LENT	DRYB						
OCES		0.001						
LENT	-0.350	0.001						
DRYB	0.001	-0.350						
\$COLUMNS	SOYA	SUNF	GNUT	OLOY	OSUN	OGNU	OOLI	
SOYA	-0.390			0.100				
SUNF		-0.630						
GNUT			-0.630					
OLOY				-0.570	0.083	0.029	0.082	
OSUN				0.024	-0.570	0.029	0.082	
OGNU				0.024	0.083	-0.570	0.082	
OOLI				0.024	0.083	0.029	-0.570	
\$COLUMNS	KSOY	KSUN	KGNU					
BARL	0.004							
MAIZ	0.005	0.001						
OCES	0.004							
SOYA	0.240							
KSOY	-0.370	0.015	0.004					
KSUN	0.131	-0.680	0.004					
KGNU	0.131	0.015	-0.680					
BEEF	0.002							
PMEA	0.018	0.004	0.001					
MUTT	0.002							
POUL	0.009	0.002						
EGGS	0.010	0.002						
MILK	0.004	0.001						
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS			
WHEA	0.013	0.074		0.013	0.027			
BARL	0.024	0.137	0.005	0.024	0.034			
MAIZ	0.031	0.129		0.031	0.043			
OCES	0.024	0.135	0.005	0.024	0.034			
KSOY	0.026	0.123	0.004	0.026	0.040			
KSUN	0.046	0.214	0.008	0.046	0.069			
KGNU	0.046	0.214	0.008	0.046	0.069			
BEEF	-0.760	0.300	0.010	0.040				
PMEA	0.260	-0.790	0.030	0.030				
MUTT	0.220	0.100	-1.190	0.100				
POUL	0.110	0.090	0.080	-0.600				
EGGS					-0.200			
\$COLUMNS	MILK	BUTT	MDRY	CHES				
WHEA	0.034							
BARL	0.050							
MAIZ	0.063							
OCES	0.049							
KSOY	0.060							
KSUN	0.104							
KGNU	0.104							
MILK	-0.100	0.008	0.017	0.042				
BUTT	0.058	-0.430						
MDRY	0.161	0.020	-0.390	0.080				
CHES	0.095		0.020	-0.400				
\$COLUMNS	TOBA	COTT	POTA					
TOBA	-0.460							
COTT		-0.510						
POTA			-0.350					

GERMANY (WEST)

\$TABLE	GEW00&0000ELDBT						
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA	
WHEA	-0.280	0.023	0.015	0.011	0.006		
BARL	0.036	-0.350	0.016	0.014			
MAIZ	0.069	0.047	-0.440	0.023			
OCES	0.035	0.028	0.016	-0.350			
RICE	0.093				-0.470		
SUGA						-0.480	
LENT				0.023			
DRYB				0.023			
KSOY		0.006	0.002	0.003			
KSUN			0.009				
KGNU			0.009				
BEEF	0.003	0.004	0.001	0.002			
PMEA	0.013	0.018	0.004	0.009			
MUTT		0.019		0.009			
POUL	0.019	0.024	0.007	0.012			
EGGS	0.015	0.013	0.004	0.007			
MILK	0.006	0.006	0.002	0.003			
\$COLUMNS	LENT	DRYB					
OCES		0.003					
LENT	-0.350	0.006					
DRYB		-0.350					
\$COLUMNS	SOYA	SUNF	GNUT	OSOY	OSUN	OGNU	OOLI
SOYA	-0.390			0.100			
SUNF		-0.630					
GNUT			-0.630				
OSOY				-0.570	0.015	0.002	0.058
OSUN				0.028	-0.570	0.002	0.058
OGNU				0.028	0.015	-0.570	0.058
OOLI				0.028	0.015	0.002	-0.570
\$COLUMNS	KSOY	KSUN	KGNU				
BARL	0.003						
MAIZ	0.003	0.002					
OCES	0.003						
SOYA	0.240						
KSOY	-0.370	0.011	0.001				
KSUN	0.100	-0.680	0.001				
KGNU	0.098	0.010	-0.680				
BEEF	0.002						
PMEA	0.006	0.002					
MUTT	0.006	0.002					
POUL	0.010	0.003					
EGGS	0.006	0.002					
MILK	0.003	0.001					
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS		
WHEA	0.012	0.064		0.012	0.023		
BARL	0.024	0.136	0.005	0.024	0.034		
MAIZ	0.021	0.088		0.021	0.029		
OCES	0.023	0.132	0.005	0.023	0.033		
KSOY	0.020	0.094	0.003	0.020	0.030		
KSUN	0.046	0.214	0.007	0.046	0.069		
KGNU	0.045	0.211	0.007	0.045	0.068		
BEEF	-0.760	0.300	0.010	0.040			
PMEA	0.260	-0.790	0.030	0.030			
MUTT	0.220	0.100	-1.190	0.100			
POUL	0.110	0.090	0.080	-0.600			
EGGS					-0.200		
\$COLUMNS	MILK	BUTT	MDRY	CHES			
WHEA	0.029						
BARL	0.048						

DEMAND ELASTICITIES - MAIN MODEL

MAIZ	0.042			
OCES	0.047			
KSOY	0.044			
KSUN	0.101			
KGNU	0.099			
MILK	-0.100	0.008	0.015	0.041
BUTT	0.047	-0.430	0.006	
MDRY	0.296	0.019	-0.390	0.075
CHES	0.094		0.009	-0.400
\$COLUMNS	TOBA	COTT	POTA	
TOBA	-0.460			
COTT		-0.510		
POTA			-0.350	

GERMANY EAST

\$TABLE GEE008&00000ELDBT						
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	-0.280	0.018	0.004	0.011	0.004	
BARL	0.025	-0.350	0.007	0.023		
MAIZ	0.053	0.074	-0.440	0.044		
OCES	0.025	0.040	0.007	-0.350		
RICE	0.116				-0.470	
SUGA		0.015	0.001	0.009		-0.480
KSOY			0.005			
KSUN			0.005			
KGNU			0.005			
BEEF	0.004	0.010		0.006		
PMEA	0.012	0.033	0.001	0.020		
MUTT		0.029		0.017		
POUL	0.016	0.044	0.001	0.026		
EGGS	0.013	0.024	0.001	0.014		
MILK	0.003	0.007		0.004		
\$COLUMNS	SOYA	SUNF	GNUT	OSOY	OSUN	OGNU
SOYA	-0.390			0.100		
SUNF		-0.630				
GNUT			-0.630			
OSOY				-0.570	0.076	0.377
OSUN				0.060	-0.570	
OGNU				0.060		-0.570
OOLI				0.060		-0.570
\$COLUMNS	KSOY	KSUN	KGNU			
BARL	0.003					
MAIZ	0.001	0.001				
OCES	0.003					
SOYA	0.240					
KSOY	-0.370	0.005	0.001			
KSUN	0.105	-0.680	0.001			
KGNU	0.105	0.005	-0.680			
BEEF	0.002					
PMEA	0.004	0.001				
MUTT	0.004					
POUL	0.007	0.001				
EGGS	0.004	0.001				
MILK	0.001					
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS	
WHEA	0.007	0.039		0.006	0.013	
BARL	0.026	0.148	0.005	0.022	0.034	
MAIZ	0.009	0.038		0.008	0.012	
OCES	0.027	0.150	0.005	0.022	0.034	
KSOY	0.019	0.090	0.003	0.016	0.026	
KSUN	0.050	0.235	0.008	0.043	0.069	
KGNU	0.050	0.235	0.008	0.043	0.069	

DEMAND ELASTICITIES - MAIN MODEL

BEEF	-0.760	0.300	0.010	0.018
PMEA	0.260	-0.790	0.030	0.009
MUTT	0.220	0.100	-1.190	0.189
POUL	0.093	0.076	0.068	-0.600
EGGS				-0.200
\$COLUMNS	MILK	BUTT	MDRY	CHES
WHEA	0.012			
BARL	0.036			
MAIZ	0.012			
OCES	0.036			
KSOY	0.029			
KSUN	0.076			
KGNU	0.076			
MILK	-0.100	0.006	0.011	0.028
BUTT	0.025	-0.430		
MDRY	0.132	0.020	-0.390	0.080
CHES	0.094		0.020	-0.400
\$COLUMNS	TOBA	COTT	POTA	
TOBA	-0.460			
COTT		-0.510		
POTA			-0.350	

GREECE

\$TABLE	GRE00&0000ELDBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	-0.280	0.012	0.026	0.001	0.006	
BARL	0.043	-0.350	0.030	0.001		
MAIZ	0.025	0.008	-0.440	0.001		
OCES	0.043	0.004	0.030	-0.350		
RICE	0.048				-0.470	
SUGA						-0.480
LENT				0.001		
CHKP				0.001		
DRYB				0.001		
KSOY		0.008	0.037	0.001		
KSUN			0.017			
KGNU			0.017			
BEEF	0.004	0.003	0.012			
PMEA	0.041	0.025	0.091	0.003		
MUTT		0.001				
POUL	0.013	0.008	0.037	0.001		
EGGS	0.024	0.010	0.049	0.001		
MILK	0.011	0.005	0.025	0.001		
\$COLUMNS	LENT	CHKP	DRYB			
LENT	-0.350	0.001	0.001			
CHKP	0.001	-0.350	0.001			
DRYB	0.001	0.001	-0.350			
\$COLUMNS	SOYA	SUNF	GNUT	OSOY	OSUN	OGNU
SOYA	-0.390			0.100		
SUNF		-0.630				
GNUT			-0.630			
OSOY				-0.570	0.023	0.001
OSUN				0.002	-0.570	0.001
OGNU				0.002	0.023	-0.570
OOLI				0.002	0.023	0.001
						-0.570
\$COLUMNS	KSOY	KSUN	KGNU			
BARL	0.003					
MAIZ	0.003					
OCES	0.003					
SOYA	0.240					
KSOY	-0.370	0.013	0.001			
KSUN	0.077	-0.680	0.001			

DEMAND ELASTICITIES - MAIN MODEL

KGNU	0.077	0.013	-0.680			
PMEA	0.004	0.002				
POUL	0.001	0.001				
EGGS	0.002	0.001				
MILK	0.001	0.001				
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS	
WHEA	0.012	0.067		0.012	0.025	
BARL	0.027	0.152	0.005	0.027	0.038	
MAIZ	0.035	0.146		0.035	0.049	
OCES	0.027	0.150	0.005	0.027	0.037	
KSOY	0.014	0.066	0.002	0.014	0.021	
KSUN	0.050	0.234	0.008	0.050	0.075	
KGNU	0.050	0.234	0.008	0.050	0.075	
BEEF	-0.760	0.300	0.010	0.040		
PMEA	0.260	-0.790	0.030	0.030		
MUTT	0.220	0.100	-1.190	0.100		
POUL	0.110	0.090	0.080	-0.600		
EGGS					-0.200	
\$COLUMNS	MILK	BUTT	MDRY	CHES		
WHEA	0.013					
BARL	0.023					
MAIZ	0.029					
OCES	0.022					
KSOY	0.013					
KSUN	0.046					
KGNU	0.046					
MILK	-0.100	0.003	0.007	0.017		
BUTT	0.046	-0.430				
MDRY	0.145	0.020	-0.390	0.080		
CHES	0.024		0.020	-0.400		
\$COLUMNS	TOBA	COTT	POTA			
TOBA	-0.460					
COTT		-0.510				
POTA			-0.350			

IRLAND

\$TABLE	IRL00000000ELDBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	-0.280	0.034	0.005	0.002	0.004	
BARL	0.030	-0.350	0.008	0.004		
MAIZ	0.063	0.111	-0.440	0.008		
OCES	0.026	0.050	0.007	-0.350		
RICE	0.179				-0.470	
SUGA						-0.480
LENT				0.008		
DRYB				0.008		
KSOY		0.015		0.001		
KSUN			0.005			
KGNU			0.005			
BEEF	0.003	0.008		0.001		
PMEA	0.025	0.084	0.002	0.006		
MUTT		0.005				
POUL	0.008	0.027	0.001	0.002		
EGGS	0.021	0.047	0.001	0.003		
MILK	0.002	0.004				
\$COLUMNS	LENT	DRYB				
LENT	-0.350					
DRYB		-0.350				
\$COLUMNS	SOYA	SUNF	GNUT	OSON	OGNU	OOLI
SOYA	-0.390			0.100		
SUNF		-0.630				
GNUT			-0.630			

DEMAND ELASTICITIES - MAIN MODEL

OSOY			-0.570	0.025	0.003	0.057
OSUN			0.028	-0.570	0.003	0.057
OGNU			0.028	0.025	-0.570	0.057
OOLI			0.028	0.025	0.003	-0.570
\$COLUMNS	KSOY	KSUN	KGNU			
BARL	0.003					
MAIZ	0.001	0.002	0.001			
OCES	0.003					
SOYA	0.240					
KSOY	-0.370	0.015	0.004			
KSUN	0.085	-0.680	0.004			
KGNU	0.084	0.013	-0.680			
BEEF	0.001	0.001				
PMEA	0.010	0.005	0.001			
MUTT	0.001					
POUL	0.004	0.002	0.001			
EGGS	0.007	0.003	0.001			
MILK	0.001					
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS	
WHEA	0.009	0.049		0.009	0.018	
BARL	0.026	0.145	0.005	0.026	0.036	
MAIZ	0.010	0.041		0.010	0.014	
OCES	0.023	0.127	0.005	0.023	0.032	
KSOY	0.017	0.081	0.003	0.017	0.026	
KSUN	0.045	0.211	0.007	0.045	0.068	
KGNU	0.044	0.209	0.007	0.044	0.067	
BEEF	-0.760	0.300	0.010	0.040		
PMEA	0.260	-0.790	0.030	0.030		
MUTT	0.220	0.100	-1.190	0.100		
POUL	0.110	0.090	0.080	-0.600		
EGGS					-0.200	
\$COLUMNS	MILK	BUTT	MDRY	CHES		
WHEA	0.027					
BARL	0.062					
MAIZ	0.024					
OCES	0.054					
KSOY	0.046					
KSUN	0.120					
KGNU	0.119					
MILK	-0.100	0.010	0.020	0.050		
BUTT		-0.430				
MDRY		0.020	-0.390	0.080		
CHES			0.020	-0.400		
\$COLUMNS	TOBA	COTT	POTA			
TOBA	-0.460					
COTT		-0.510				
POTA			-0.350			

ITALY

\$TABLE	ITA00&&0000ELDBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	-0.280	0.007	0.030	0.002	0.008	
BARL	0.049	-0.350	0.026	0.001		
MAIZ	0.064	0.008	-0.440	0.002		
OCES	0.048	0.004	0.026	-0.350		
RICE	0.066				-0.470	
SUGA						-0.480
LENT				0.002		
CHKP				0.002		
DRYB				0.002		
KSOY		0.003	0.013	0.001		
KSUN				0.015		

DEMAND ELASTICITIES - MAIN MODEL

KGNU			0.015				
BEEF	0.006	0.001	0.006				
PMEA	0.052	0.013	0.040	0.003			
MUTT		0.003		0.001			
POUL	0.017	0.004	0.017	0.001			
EGGS	0.034	0.006	0.024	0.001			
MILK	0.015	0.003	0.012	0.001			
\$COLUMNS	LENT	CHKP	DRYB				
OCES			0.002				
LENT	-0.350		0.005				
CHKP		-0.350	0.005				
DRYB			-0.350				
\$COLUMNS	SOYA	SUNF	GNUT	OOSOY	OSUN	OGNU	OOLI
SOYA	-0.390			0.100			
SUNF		-0.630					
GNUT			-0.630				
OOSOY				-0.570	0.028	0.012	0.088
OSUN				0.060	-0.570	0.012	0.088
OGNU				0.060	0.028	-0.570	0.088
OOLI				0.060	0.028	0.012	-0.570
\$COLUMNS	KSOY	KSUN	KGNU				
BARL	0.004						
MAIZ	0.006	0.001					
OCES	0.004						
SOYA	0.240						
KSOY	-0.370	0.013					
KSUN	0.139	-0.680					
KGNU	0.139	0.013	-0.680				
BEEF	0.002						
PMEA	0.018	0.003					
MUTT	0.005	0.001					
POUL	0.007	0.001					
EGGS	0.010	0.002					
MILK	0.005	0.001					
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS		
WHEA	0.015	0.084		0.015	0.030		
BARL	0.025	0.139	0.005	0.025	0.035		
MAIZ	0.033	0.138		0.033	0.046		
OCES	0.024	0.137	0.005	0.024	0.034		
KSOY	0.028	0.131	0.005	0.028	0.042		
KSUN	0.046	0.214	0.008	0.046	0.069		
KGNU	0.046	0.214	0.008	0.046	0.069		
BEEF	-0.760	0.300	0.010	0.040			
PMEA	0.260	-0.790	0.030	0.030			
MUTT	0.220	0.100	-1.190	0.100			
POUL	0.110	0.090	0.080	-0.600			
EGGS					-0.200		
\$COLUMNS	MILK	BUTT	MDRY	CHES			
WHEA	0.031						
BARL	0.041						
MAIZ	0.054						
OCES	0.040						
KSOY	0.051						
KSUN	0.084						
KGNU	0.084						
MILK	-0.100	0.007	0.014	0.034			
BUTT	0.077	-0.430					
MDRY	0.162	0.020	-0.390	0.080			
CHES	0.049		0.020	-0.400			
\$COLUMNS	TOBA	COTT	POTA				
TOBA	-0.460						
COTT		-0.510					
POTA			-0.350				

NETHERLANDS

STABLE	NL	00�ELDBT					
\$COLUMNS		WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA		-0.280	0.009	0.011	0.003	0.004	
BARL		0.028	-0.350	0.020	0.002		
MAIZ		0.017	0.010	-0.440	0.003		
OCES		0.028	0.005	0.020	-0.350		
RICE		0.033				-0.470	
SUGA							-0.480
LENT					0.003		
DRYB					0.003		
KSOY			0.001	0.002			
KSUN				0.011			
KGNU				0.011			
BEEF		0.002	0.003	0.005	0.001		
PMEA		0.011	0.013	0.017	0.004		
MUTT			0.015		0.004		
POUL		0.007	0.007	0.013	0.002		
EGGS		0.009	0.007	0.013	0.002		
MILK		0.001	0.001	0.002			
\$COLUMNS		LENT	DRYB				
OCES			0.003				
LENT		-0.350	0.005				
DRYB			-0.350				
\$COLUMNS		SOYA	SUNF	GNUT	OZOY	OSUN	OGNU
SOYA		-0.390			0.100		
SUNF			-0.630				
GNUT				-0.630			
OZOY					-0.570	0.006	0.007
OSUN					0.028	-0.570	0.007
OGNU					0.028	0.006	-0.570
OOLI					0.028	0.006	0.007
							-0.570
\$COLUMNS		KSOY	KSUN	KGNU			
BARL		0.003					
MAIZ		0.003	0.001	0.001			
OCES		0.003					
SOYA		0.240					
KSOY		-0.370	0.007	0.005			
KSUN		0.080	-0.680	0.005			
KGNU		0.079	0.006	-0.680			
BEEF		0.004	0.001	0.001			
PMEA		0.016	0.004	0.003			
MUTT		0.020	0.005	0.003			
POUL		0.011	0.003	0.002			
EGGS		0.012	0.003	0.002			
MILK		0.002	0.001				
\$COLUMNS		BEEF	PMEA	MUTT	POUL	EGGS	
WHEA		0.008	0.044		0.008	0.016	
BARL		0.027	0.149	0.005	0.027	0.037	
MAIZ		0.024	0.099		0.024	0.033	
OCES		0.026	0.147	0.005	0.026	0.037	
KSOY		0.016	0.077	0.003	0.016	0.025	
KSUN		0.045	0.210	0.007	0.045	0.068	
KGNU		0.045	0.210	0.007	0.045	0.068	
BEEF		-0.760	0.300	0.010	0.040		
PMEA		0.260	-0.790	0.030	0.030		
MUTT		0.220	0.100	-1.190	0.100		
POUL		0.110	0.090	0.080	-0.600		
EGGS						-0.200	
\$COLUMNS		MILK	BUTT	MDRY	CHES		
WHEA		0.019					
BARL		0.051					

DEMAND ELASTICITIES - MAIN MODEL

MAIZ	0.045			
OCES	0.050			
KSOY	0.035			
KSUN	0.096			
KGNU	0.095			
MILK	-0.100	0.008	0.016	0.040
BUTT	0.370	-0.430		
MDRY	0.117	0.020	-0.390	0.080
CHES	0.205		0.020	-0.400
\$COLUMNS	TOBA	COTT	POTA	
TOBA	-0.460			
COTT		-0.510		
POTA			-0.350	

PORTUGAL

\$TABLE	PO	00&0000ELDBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA	
WHEA	-0.280	0.003	0.021	0.007	0.005		
BARL	0.038	-0.350	0.028	0.003			
MAIZ	0.023	0.002	-0.440	0.005			
OCES	0.038	0.001	0.028	-0.350			
RICE	0.008				-0.470		
SUGA						♦	-0.480
LENT				0.005			
CHKP				0.005			
DRYB				0.005			
KSOY		0.001	0.010	0.002			
KSUN			0.014				
KGNU			0.014				
BEEF	0.004	0.001	0.012	0.002			
PMEA	0.029	0.006	0.061	0.013			
MUTT		0.001		0.001			
POUL	0.009	0.002	0.024	0.004			
EGGS	0.022	0.003	0.043	0.007			
MILK	0.006	0.001	0.014	0.002			
\$COLUMNS	LENT	CHKP	DRYB				
OCES		0.001	0.002				
LENT	-0.350	0.002	0.003				
CHKP		-0.350	0.003				
DRYB		0.002	-0.350				
\$COLUMNS	SOYA	SUNF	GNUT	OSOY	OSUN	OGNU	OOLI
SOYA	-0.390			0.100			
SUNF		-0.630					
GNUT			-0.630				
OSOY				-0.570	0.042	0.004	0.024
OSUN				0.060	-0.570	0.004	0.024
OGNU				0.060	0.042	-0.570	0.024
OOLI				0.060	0.042	0.004	-0.570
\$COLUMNS	KSOY	KSUN	KGNU				
BARL	0.005						
MAIZ	0.005	0.002					
OCES	0.005						
SOYA	0.240						
KSOY	-0.370	0.032	0.004				
KSUN	0.121	-0.680	0.004				
KGNU	0.121	0.032	-0.680				
BEEF	0.006	0.002					
PMEA	0.031	0.014	0.002				
MUTT	0.003	0.001					
POUL	0.011	0.005	0.001				
EGGS	0.021	0.009	0.001				
MILK	0.007	0.003					

DEMAND ELASTICITIES - MAIN MODEL

\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS
WHEA	0.011	0.060		0.011	0.022
BARL	0.027	0.149	0.005	0.027	0.037
MAIZ	0.032	0.136		0.032	0.045
OCES	0.027	0.150	0.005	0.027	0.037
KSOY	0.026	0.119	0.004	0.026	0.038
KSUN	0.044	0.204	0.007	0.044	0.065
KGNU	0.044	0.204	0.007	0.044	0.065
BEEF	-0.760	0.300	0.010	0.040	
PMEA	0.260	-0.790	0.030	0.030	
MUTT	0.220	0.100	-1.190	0.100	
POUL	0.110	0.090	0.080	-0.600	
EGGS					-0.200
\$COLUMNS	MILK	BUTT	MDRY	CHES	
WHEA	0.015				
BARL	0.029				
MAIZ	0.035				
OCES	0.029				
KSOY	0.031				
KSUN	0.052				
KGNU	0.052				
MILK	-0.100	0.004	0.009	0.022	
BUTT	0.090	-0.430			
MDRY	0.167	0.020	-0.390	0.080	
CHES	0.076		0.020	-0.400	
\$COLUMNS	TOBA	COTT	POTA		
TOBA	-0.460				
COTT		-0.510			
POTA			-0.350		

SPAIN

\$TABLE	SPA00&&0000ELDBT						
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA	
WHEA	-0.280	0.034	0.017	0.005	0.005		
BARL	0.032	-0.350	0.027	0.002			
MAIZ	0.020	0.034	-0.440	0.005			
OCES	0.031	0.018	0.026	-0.350			
RICE	0.026				-0.470		
SUGA						-0.480	
LENT				0.005			
CHKP				0.005			
DRYB				0.005			
KSOY		0.011	0.010	0.002			
KSUN			0.014				
KGNU			0.014				
BEEF	0.005	0.016	0.015	0.002			
PMEA	0.016	0.050	0.035	0.007			
MUTT		0.005		0.001			
POUL	0.006	0.019	0.018	0.003			
EGGS	0.009	0.020	0.019	0.003			
MILK	0.005	0.014	0.013	0.002			
\$COLUMNS	LENT	CHKP	DRYB				
OCES	0.001	0.001	0.001				
LENT	-0.350	0.002	0.002				
CHKP	0.002	-0.350	0.002				
DRYB	0.002	0.002	-0.350				
\$COLUMNS	SOYA	SUNF	GNUT	OSOY	OSUN	OGNU	OOLI
SOYA	-0.390			0.100			
SUNF		-0.630					
GNUT			-0.630				
OSOY				-0.570	0.219	0.007	0.082
OSUN				0.060	-0.570	0.007	0.082

DEMAND ELASTICITIES - MAIN MODEL

OGNU				0.058	0.211	-0.570	0.079
OOLI				0.060	0.219	0.007	-0.570
\$COLUMNS	KSOY	KSUN	KGNU				
BARL	0.005						
MAIZ	0.006	0.001					
OCES	0.005						
SOYA	0.240						
KSOY	-0.370	0.018	0.001				
KSUN	0.131	-0.680	0.001				
KGNU	0.131	0.018	-0.680				
BEEF	0.007	0.002					
PMEA	0.017	0.004					
MUTT	0.002						
POUL	0.008	0.002					
EGGS	0.009	0.002					
MILK	0.006	0.001					
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS		
WHEA	0.009	0.050		0.009	0.018		
BARL	0.027	0.153	0.005	0.027	0.038		
MAIZ	0.031	0.131		0.031	0.044		
OCES	0.026	0.146	0.005	0.026	0.037		
KSOY	0.027	0.124	0.004	0.027	0.040		
KSUN	0.046	0.212	0.008	0.046	0.068		
KGNU	0.046	0.212	0.008	0.046	0.068		
BEEF	-0.760	0.300	0.010	0.040			
PMEA	0.260	-0.790	0.030	0.030			
MUTT	0.220	0.100	-1.190	0.100			
POUL	0.110	0.090	0.080	-0.600			
EGGS					-0.200		
\$COLUMNS	MILK	BUTT	MDRY	CHES	*		
WHEA	0.012						
BARL	0.029						
MAIZ	0.033						
OCES	0.028						
KSOY	0.031						
KSUN	0.053						
KGNU	0.053						
MILK	-0.100	0.004	0.009	0.022			
BUTT	0.184	-0.430					
MDRY	0.150	0.020	-0.390	0.080			
CHES	0.107		0.020	-0.400			
\$COLUMNS	TOBA	COTT	POTA				
TOBA	-0.460						
COTT		-0.510					
POTA			-0.350				

UNITED KINGDOM

STABLE	UK 00&0000ELDBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	-0.280	0.017	0.011	0.001	0.006	
BARL	0.042	-0.350	0.013	0.002		
MAIZ	0.101	0.046	-0.440	0.003		
OCES	0.040	0.023	0.012	-0.350		
RICE	0.080				-0.470	
SUGA						-0.480
LENT				0.003		
KSOY		0.012	0.002	0.001		
KSUN			0.007			
KGNU			0.007			
BEEF	0.005	0.004	0.001			
PMEA	0.045	0.039	0.005	0.003		
MUTT		0.002				

DEMAND ELASTICITIES - MAIN MODEL

POUL	0.013	0.011	0.002	0.001				
EGGS	0.025	0.015	0.003	0.001				
MILK	0.010	0.007	0.001					
\$COLUMNS	LENT							
LENT	-0.350							
\$COLUMNS	SOYA	SUNF	GNUT	OOSOY	OSUN	OGNU	OOLI	
SOYA	-0.390			0.100				
SUNF		-0.630						
GNUT			-0.630					
OOSOY				-0.570	0.012	0.001	0.098	
OSUN				0.026	-0.570	0.001	0.098	
OGNU				0.026	0.012	-0.570	0.098	
OOLI				0.026	0.012	0.001	-0.570	
\$COLUMNS	KSOY	KSUN	KGNU					
BARL	0.004							
MAIZ	0.002	0.001						
OCES	0.003							
SOYA	0.240							
KSOY	-0.370	0.020						
KSUN	0.107	-0.680						
KGNU	0.106	0.020	-0.680					
BEEF	0.001							
PMEA	0.008	0.003						
POUL	0.003	0.001						
EGGS	0.004	0.002						
MILK	0.002	0.001						
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS			
WHEA	0.012	0.067		0.012	0.025			
BARL	0.026	0.147	0.005	0.026	0.037			
MAIZ	0.016	0.066		0.016	0.022			
OCES	0.025	0.139	0.005	0.025	0.035			
KSOY	0.021	0.096	0.003	0.021	0.031			
KSUN	0.048	0.223	0.008	0.048	0.072			
KGNU	0.048	0.222	0.008	0.048	0.072			
BEEF	-0.760	0.300	0.010	0.040				
PMEA	0.260	-0.790	0.030	0.030				
MUTT	0.220	0.100	-1.190	0.100				
POUL	0.110	0.090	0.080	-0.600				
EGGS					-0.200			
\$COLUMNS	MILK	BUTT	MDRY	CHES				
WHEA	0.027							
BARL	0.047							
MAIZ	0.028							
OCES	0.044							
KSOY	0.041							
KSUN	0.094							
KGNU	0.093							
MILK	-0.100	0.007	0.012	0.037				
BUTT	0.082	-0.430	0.008					
MDRY	0.306	0.017	-0.390	0.067				
CHES	0.139		0.010	-0.400				
\$COLUMNS	TOBA	COTT	POTA					
TOBA	-0.460							
COTT		-0.510						
POTA			-0.350					

AUSTRIA

AUS000&0000ELDBT						
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	-0.350	0.063		0.055	0.006	
BARL	0.044	-0.450				
MAIZ	0.195		-0.750			

DEMAND ELASTICITIES - MAIN MODEL

OCES	0.044		-0.450				
RICE	0.062			-0.440			
SUGA					-0.290		
KSOY		0.037		0.032			
BEEF	0.003	0.015		0.013			
PMEA	0.008	0.035		0.030			
MUTT		0.193		0.167			
POUL	0.011	0.055		0.048			
EGGS	0.008	0.033		0.029			
MILK	0.003	0.013		0.011			
\$COLUMNS	SOYA	SUNF	GNUT	OSOY	OSUN	OGNU	OOLI
SOYA	-0.400			0.100			
SUNF		-0.520					
GNUT			-0.520				
OSOY				-0.450	0.006		0.029
OSUN				0.022	-0.500		0.029
OGNU				0.022	0.006	-0.500	0.029
OOLI				0.022	0.006		-0.500
\$COLUMNS	KSOY	KSUN					
BARL	0.006						
OCES	0.006						
SOYA	0.250						
KSOY	-0.550						
KSUN	0.011	-0.550					
BEEF	0.002						
PMEA	0.006						
MUTT	0.027	0.001					
POUL	0.008						
EGGS	0.006						
MILK	0.002						
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS		
WHEA	0.012	0.055		0.006	0.012		
BARL	0.043	0.175	0.007	0.022	0.037		
MAIZ	0.001	0.004			0.001		
OCES	0.043	0.175	0.007	0.022	0.037		
KSOY	0.049	0.217	0.007	0.021	0.042		
KSUN	0.055	0.243	0.008	0.024	0.048		
BEEF	-0.700	0.180					
PMEA	0.080	-0.600		0.020			
MUTT			-0.470	0.010			
POUL		0.220		-0.650			
EGGS					-0.350		
\$COLUMNS	MILK	BUTT	MDRY	CHES			
WHEA	0.036						
BARL	0.116						
MAIZ	0.003						
OCES	0.116						
KSOY	0.139						
KSUN	0.157						
MILK	-0.160	0.020	0.026	0.070			
BUTT	0.171	-0.450					
MDRY	0.400		-0.400				
CHES	0.480			-0.480			
\$COLUMNS	TOBA	COTT	POTA				
TOBA	-0.500						
COTT		-0.200					
POTA			-0.450				

CYPRUS

\$TABLE	ZP 00&&0000ELDBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	-0.350	0.063		0.055	0.006	

DEMAND ELASTICITIES - MAIN MODEL

BARL	0.044	-0.450					
MAIZ	0.195		-0.750				
OCES	0.044			-0.450			
RICE	0.062				-0.440		
SUGA						-0.290	
KSOY		0.037		0.032			
BEEF	0.003	0.015		0.013			
PMEA	0.008	0.035		0.030			
MUTT		0.193		0.167			
POUL	0.011	0.055		0.048			
EGGS	0.008	0.033		0.029			
MILK	0.003	0.013		0.011			
\$COLUMNS	SOYA	SUNF	GNUT	OSOY	OSUN	OGNU	OOLI
SOYA	-0.400			0.100			
SUNF		-0.520					
GNUT			-0.520				
OSOY				-0.450	0.006		0.029
OSUN				0.022	-0.500		0.029
OGNU				0.022	0.006	-0.500	0.029
OOLI				0.022	0.006		-0.500
\$COLUMNS	KSOY	KSUN					
BARL	0.006						
OCES	0.006						
SOYA	0.250						
KSOY	-0.550						
KSUN	0.011	-0.550					
BEEF	0.002						
PMEA	0.006						
MUTT	0.027	0.001					
POUL	0.008						
EGGS	0.006						
MILK	0.002						
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS		
WHEA	0.012	0.055		0.006	0.012		
BARL	0.043	0.175	0.007	0.022	0.037		
MAIZ	0.001	0.004			0.001		
OCES	0.043	0.175	0.007	0.022	0.037		
KSOY	0.049	0.217	0.007	0.021	0.042		
KSUN	0.055	0.243	0.008	0.024	0.048		
BEEF	-0.700	0.180					
PMEA	0.080	-0.600		0.020			
MUTT			-0.470	0.010			
POUL		0.220		-0.650			
EGGS					-0.350		
\$COLUMNS	MILK	BUTT	MDRY	CHES			
WHEA	0.036						
BARL	0.116						
MAIZ	0.003						
OCES	0.116						
KSOY	0.139						
KSUN	0.157						
MILK	-0.160	0.020	0.026	0.070			
BUTT	0.171	-0.450					
MDRY	0.400		-0.400				
CHES	0.480			-0.480			
\$COLUMNS	TOBA	COTT	POTA				
TOBA	-0.500						
COTT		-0.200					
POTA			-0.450				

FINLAND

DEMAND ELASTICITIES - MAIN MODEL

\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	-0.350	0.063		0.055	0.006	
BARL	0.044	-0.450				
MAIZ	0.195		-0.750			
OCES	0.044			-0.450		
RICE	0.062				-0.440	
SUGA						-0.290
KSOY		0.037		0.032		
BEEF	0.003	0.015		0.013		
PMEA	0.008	0.035		0.030		
MUTT		0.193		0.167		
POUL	0.011	0.055		0.048		
EGGS	0.008	0.033		0.029		
MILK	0.003	0.013		0.011		
\$COLUMNS	SOYA	SUNF	GNUT	OZOY	OSUN	OGNU
SOYA	-0.400			0.100		
SUNF		-0.520				
GNUT			-0.520			
OZOY				-0.450	0.006	0.029
OSUN				0.022	-0.500	0.029
OGNU				0.022	0.006	-0.500
OOLI				0.022	0.006	-0.500
\$COLUMNS	KSOY	KSUN				
BARL	0.006					
OCES	0.006					
SOYA	0.250					
KSOY	-0.550					
KSUN	0.011	-0.550				
BEEF	0.002					
PMEA	0.006					
MUTT	0.027	0.001				
POUL	0.008					
EGGS	0.006					
MILK	0.002					
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS	
WHEA	0.012	0.055		0.006	0.012	
BARL	0.043	0.175	0.007	0.022	0.037	
MAIZ	0.001	0.004			0.001	
OCES	0.043	0.175	0.007	0.022	0.037	
KSOY	0.049	0.217	0.007	0.021	0.042	
KSUN	0.055	0.243	0.008	0.024	0.048	
BEEF	-0.700	0.180				
PMEA	0.080	-0.600		0.020		
MUTT			-0.470	0.010		
POUL		0.220		-0.650		
EGGS					-0.350	
\$COLUMNS	MILK	BUTT	MDRY	CHES		
WHEA	0.036					
BARL	0.116					
MAIZ	0.003					
OCES	0.116					
KSOY	0.139					
KSUN	0.157					
MILK	-0.160	0.020	0.026	0.070		
BUTT	0.171	-0.450				
MDRY	0.400		-0.400			
CHES	0.480			-0.480		
\$COLUMNS	TOBA	COTT	POTA			
TOBA	-0.500					
COTT		-0.200				
POTA			-0.450			

NORWAY

\$TABLE	NOR00�ELDBT						
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA	
WHEA	-0.350	0.047	0.002	0.021	0.007		
BARL	0.043	-0.450	0.003	0.049			
MAIZ	0.122	0.193	-0.750	0.086			
OCES	0.041	0.105	0.003	-0.450			
RICE	0.143				-0.440		
SUGA						-0.290	
KSOY		0.029	0.001	0.013			
KGNU			0.002				
BEEF	0.005	0.012		0.005			
PMEA	0.016	0.036		0.016			
MUTT		0.006		0.003			
POUL	0.021	0.052		0.023			
EGGS	0.010	0.021		0.009			
MILK	0.005	0.011		0.005			
\$COLUMNS	SOYA	SUNF	CNUT	OZOY	OSUN	OGNU	OOLI
SOYA	-0.400			0.100			
SUNF		-0.520					
GNUT			-0.520				
OZOY				-0.450		0.001	0.010
OSUN				0.023	-0.500	0.001	0.010
OGNU				0.023		-0.500	0.010
OOLI				0.023		0.001	-0.500
\$COLUMNS	KSOY	KGNU					
BARL	0.004						
MAIZ	0.004						
OCES	0.004						
SOYA	0.250						
KSOY	-0.550						
KGNU	0.011	-0.550					
BEEF	0.002						
PMEA	0.008						
MUTT	0.001						
POUL	0.009						
EGGS	0.004						
MILK	0.002						
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS		
WHEA	0.015	0.067		0.007	0.015		
BARL	0.034	0.137	0.006	0.017	0.029		
MAIZ	0.011	0.046	0.002	0.005	0.009		
OCES	0.033	0.131	0.005	0.016	0.027		
KSOY	0.048	0.213	0.007	0.021	0.041		
KGNU	0.054	0.243	0.008	0.024	0.047		
BEEF	-0.700	0.180					
PMEA	0.080	-0.600		0.020			
MUTT			-0.470	0.010			
POUL		0.220		-0.650			
EGGS					-0.350		
\$COLUMNS	MILK	BUTT	MDRY	CHES			
WHEA	0.043						
BARL	0.088						
MAIZ	0.029						
OCES	0.084						
KSOY	0.132						
KGNU	0.151						
MILK	-0.160	0.019	0.015	0.077			
BUTT	0.251	-0.450					
MDRY	0.400		-0.400				
CHES	0.311			-0.480			
\$COLUMNS	TOBA	COTT	POTA				

DEMAND ELASTICITIES - MAIN MODEL

TOBA	-0.500
COTT	-0.200
POTA	-0.450

SWEDEN

\$TABLE	SWE00&&0000ELDBT						
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA	
WHEA	-0.350	0.043	0.002	0.036	0.007		
BARL	0.040	-0.450	0.003	0.060			
MAIZ	0.099	0.125	-0.750	0.104			
OCES	0.042	0.077	0.003	-0.450			
RICE	0.104				-0.440		
SUGA						-0.290	
KSOY		0.037	0.001	0.030			
KSUN			0.003				
KGNU			0.003				
BEEF	0.005	0.015		0.012			
PMEA	0.011	0.027		0.022			
MUTT		0.056		0.047			
POUL	0.017	0.045		0.037			
EGGS	0.009	0.021		0.017			
MILK	0.005	0.012		0.010			
\$COLUMNS	SOYA	SUNF	GNUT	OSOY	OSUN	OGNU	OOLI
SOYA	-0.400			0.100			
SUNF		-0.520					
GNUT			-0.520				
OSOY				-0.450	0.002		0.025
OSUN				0.022	-0.500		0.025
OGNU				0.022	0.002	-0.500	0.025
OOLI				0.022	0.002		-0.500
\$COLUMNS	KSOY	KSUN	KGNU				
BARL	0.003						
MAIZ	0.004	0.001					
OCES	0.004						
SOYA	0.250						
KSOY	-0.550	0.001					
KSUN	0.010	-0.550					
KGNU	0.010	0.001	-0.550				
BEEF	0.002						
PMEA	0.003						
MUTT	0.006						
POUL	0.005						
EGGS	0.003						
MILK	0.002						
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS		
WHEA	0.014	0.062		0.007	0.014		
BARL	0.035	0.139	0.006	0.017	0.029		
MAIZ	0.012	0.052	0.002	0.005	0.011		
OCES	0.037	0.147	0.006	0.018	0.031		
KSOY	0.043	0.191	0.006	0.019	0.037		
KSUN	0.055	0.245	0.008	0.024	0.047		
KGNU	0.055	0.245	0.008	0.024	0.047		
BEEF	-0.700	0.180					
PMEA	0.080	-0.600		0.020			
MUTT			-0.470	0.010			
POUL		0.220		-0.650			
EGGS					-0.350		
\$COLUMNS	MILK	BUTT	MDRY	CHES			
WHEA	0.036						
BARL	0.081						
MAIZ	0.030						
OCES	0.086						

DEMAND ELASTICITIES - MAIN MODEL

KSOY	0.108			
KSUN	0.138			
KGNU	0.138			
MILK	-0.160	0.017	0.021	0.070
BUTT	0.139	-0.450		
MDRY	0.400		-0.400	
CHES	0.224			-0.480
\$COLUMNS	TOBA	COTT	POTA	
TOBA	-0.500			
COTT		-0.200		
POTA			-0.450	

SWITZERLAND

\$TABLE	SWI00&&0000ELDBT						
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA	
WHEA	-0.350	0.019	0.007	0.006	0.007		
BARL	0.047	-0.450	0.034	0.009			
MAIZ	0.022	0.046	-0.750	0.014			
OCES	0.045	0.029	0.032	-0.450			
RICE	0.042				-0.440		
SUGA						-0.290	
LENT				0.014			
DRYB				0.014			
KSOY	0.017	0.031	0.005				
KSUN			0.007				
KGNU			0.007				
BEEF	0.003	0.004	0.002	0.001			
PMEA	0.009	0.009	0.005	0.003			
MUTT		0.012	0.006	0.004			
POUL	0.008	0.009	0.005	0.003			
EGGS	0.011	0.010	0.006	0.003			
MILK	0.004	0.004	0.002	0.001			
\$COLUMNS	LENT	DRYB					
LENT	-0.450						
DRYB	0.001	-0.450					
\$COLUMNS	SOYA	SUNF	GNUT	OSOY	OSUN	OGNU	OOLI
SOYA	-0.400			0.100			
SUNF		-0.520					
GNUT			-0.520				
OSOY				-0.450	0.035	0.041	0.055
OSUN				0.017	-0.500	0.041	0.055
OGNU				0.017	0.035	-0.500	0.055
OOLI				0.017	0.035	0.041	-0.500
\$COLUMNS	KSOY	KSUN	KGNU				
BARL	0.004						
MAIZ	0.010						
OCES	0.004						
SOYA	0.250						
KSOY	-0.550	0.001	0.002				
KSUN	0.009	-0.550	0.002				
KGNU	0.009	0.001	-0.550				
BEEF	0.001						
PMEA	0.002		0.001				
MUTT	0.002		0.001				
POUL	0.002		0.001				
EGGS	0.002		0.001				
MILK	0.001						
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS		
WHEA	0.014	0.064		0.007	0.014		
BARL	0.039	0.158	0.007	0.020	0.033		
MAIZ	0.032	0.134	0.005	0.014	0.028		
OCES	0.038	0.152	0.006	0.019	0.032		

DEMAND ELASTICITIES - MAIN MODEL

KSOY	0.039	0.172	0.006	0.017	0.033
KSUN	0.055	0.242	0.008	0.023	0.047
KGNU	0.055	0.242	0.008	0.023	0.047
BEEF	-0.700	0.180			
PMEA	0.080	-0.600		0.020	
MUTT			-0.470	0.010	
POUL		0.220		-0.650	
EGGS					-0.350
\$COLUMNS	MILK	BUTT	MDRY	CHES	
WHEA	0.038				
BARL	0.095				
MAIZ	0.079				
OCES	0.091				
KSOY	0.100				
KSUN	0.140				
KGNU	0.140				
MILK	-0.160	0.018	0.021	0.072	
BUTT	0.194	-0.450			
MDRY	0.400		-0.400		
CHES	0.330			-0.480	
\$COLUMNS	TOBA	COTT	POTA		
TOBA	-0.500				
COTT		-0.200			
POTA			-0.450		

REST OF WESTERN EUROPA

\$TABLE	RWE00&0000ELDBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	-0.350	0.013	0.030		0.010	
BARL	0.061	-0.450	0.061			
MAIZ	0.045	0.020	-0.750	0.001		
OCES	0.059	0.012	0.059	-0.450		
RICE	0.110				-0.440	
SUGA						-0.290
LENT				0.001		
CHKP				0.001		
DRYB				0.001		
KSOY		0.020	0.329	0.001		
BEEF		0.002	0.012			
PMEA		0.011	0.062			
MUTT		0.001	0.003			
POUL		0.005	0.024			
EGGS		0.004	0.021			
MILK		0.004	0.023			
\$COLUMNS	LENT	CHKP	DRYB			
OCES			0.001			
LENT	-0.450	0.001	0.001			
CHKP		-0.450	0.001			
DRYB		0.001	-0.450			
\$COLUMNS	SOYA	SUNF	GNUT	OSOY	OSUN	OGNU
SOYA	-0.400			0.100		
SUNF		-0.520				
GNUT			-0.520			
OSOY				-0.450	0.006	0.008
OSUN				0.050	-0.500	0.008
OGNU				0.050	0.006	-0.500
OOLI				0.050	0.006	-0.500
\$COLUMNS	KSOY					
BARL	0.001					
MAIZ	0.006					
OCES	0.001					
SOYA	0.250					

DEMAND ELASTICITIES - MAIN MODEL

KSOY	-0.550				
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS
WHEA	0.020	0.090		0.010	0.020
BARL	0.037	0.147	0.006	0.018	0.031
MAIZ	0.064	0.264	0.009	0.027	0.055
OCES	0.036	0.142	0.006	0.018	0.030
KSOY	0.012	0.055	0.002	0.005	0.011
BEEF	-0.700	0.180			
PMEA	0.080	-0.600		0.020	
MUTT			-0.470	0.010	
POUL		0.220		-0.650	
EGGS					-0.350
\$COLUMNS	MILK	BUTT	MDRY	CHES	
WHEA	0.060				
BARL	0.088				
MAIZ	0.155				
OCES	0.085				
KSOY	0.032				
MILK	-0.160	0.018	0.027	0.072	
BUTT	0.205	-0.450			
MDRY	0.342		-0.400		
CHES	0.168			-0.480	
\$COLUMNS	TOBA	COTT	POTA		
TOBA	-0.500				
COTT		-0.200			
POTA			-0.450		

ALBANIA

\$TABLE	ALB00&0000ELDBT				
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE
WHEA	-0.300	0.003	0.008	0.006	
BARL	0.083	-0.350	0.058	0.012	
MAIZ	0.028	0.007	-0.300	0.015	
OCES	0.085	0.006	0.059	-0.350	
RICE					-0.150
SUGA					-0.300
KSOY		0.013	0.043	0.025	
BEEF		0.001	0.005	0.002	
PMEA		0.006	0.048	0.012	
MUTT			0.003	0.001	
POUL		0.004	0.027	0.008	
EGGS		0.002	0.012	0.004	
MILK			0.004	0.001	
\$COLUMNS	SOYA	SUNF	OSOY	OSUN	OOLI
SOYA	-0.380		0.090		
SUNF		-0.510			
OSOY			-0.400		
OSUN				-0.150	
OOLI					-0.150
\$COLUMNS	KSOY	KSUN			
BARL	0.005				
MAIZ	0.002				
OCES	0.005				
SOYA	0.240				
KSOY	-0.400	0.044			
KSUN	0.022	-0.300			
BEEF		0.001			
PMEA	0.001	0.005			
POUL	0.001	0.003			
EGGS		0.001			
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS
WHEA	0.020	0.060		0.020	0.020

DEMAND ELASTICITIES - MAIN MODEL

BARL	0.025	0.074	0.008	0.033	0.025
MAIZ	0.021	0.077	0.007	0.028	0.021
OCES	0.025	0.076	0.008	0.034	0.025
KSOY	0.012	0.040	0.003	0.015	0.012
KSUN	0.024	0.079	0.006	0.030	0.024
BEEF	-0.200	0.060			
PMEA	0.020	-0.500		0.020	
MUTT			-0.280		
POUL		0.150		-0.250	
EGGS					-0.100
\$COLUMNS	MILK	BUTT	MDRY	CHES	
WHEA	0.020				
BARL	0.025				
MAIZ	0.028				
OCES	0.025				
KSOY	0.012				
KSUN	0.024				
MILK	-0.110	0.030	0.020	0.020	
BUTT		-0.150			
MDRY			-0.400		
CHES				-0.160	
\$COLUMNS	TOBA	COTT	POTA		
TOBA	-0.350				
COTT		-0.150			
POTA			-0.350		

BULGARIA .

\$TABLE	BUL00&&0000ELDBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	-0.300	0.016	0.013	0.001		
BARL	0.081	-0.350	0.063	0.002		
MAIZ	0.031	0.030	-0.300	0.002		
OCES	0.076	0.023	0.059	-0.350		
RICE					-0.150	
SUGA						-0.300
LENT				0.002		
KSOY		0.019	0.019	0.001		
BEEF		0.007	0.014			
PMEA		0.007	0.016			
MUTT		0.004	0.009			
POUL		0.014	0.029	0.001		
EGGS		0.006	0.012			
MILK		0.003	0.007			
\$COLUMNS	LENT					
OCES	0.001					
LENT	-0.350					
\$COLUMNS	SOYA	SUNF	GNUT	OLOY	OSUN	OGNU
SOYA	-0.380			0.090		
SUNF		-0.510				
GNUT			-0.510			
OLOY				-0.400	0.016	0.002
OSUN				0.003	-0.150	0.002
OGNU				0.003	0.016	-0.150
OOLI				0.003	0.016	-0.150
\$COLUMNS	KSOY	KSUN	KGNU			
BARL	0.016					
MAIZ	0.008					
OCES	0.015					
SOYA	0.240					
KSOY	-0.400	0.009	0.001			
KSUN	0.082	-0.300	0.001			
KGNU	0.081	0.009	-0.300			

DEMAND ELASTICITIES - MAIN MODEL

BEEF		0.001			
PMEA		0.001			
POUL		0.001			
EGGS		0.001			
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS
WHEA	0.020	0.060		0.020	0.020
BARL	0.024	0.073	0.008	0.033	0.024
MAIZ	0.023	0.085	0.008	0.031	0.023
OCES	0.023	0.068	0.008	0.030	0.023
KSOY	0.040	0.130	0.010	0.050	0.040
KSUN	0.027	0.089	0.007	0.034	0.027
KGNU	0.027	0.088	0.007	0.034	0.027
BEEF	-0.200	0.060			
PMEA	0.020	-0.500		0.020	
MUTT			-0.280		
POUL		0.150		-0.250	
EGGS					-0.100
\$COLUMNS	MILK	BUTT	MDRY	CHES	
WHEA	0.020				
BARL	0.024				
MAIZ	0.031				
OCES	0.023				
KSOY	0.040				
KSUN	0.027				
KGNU	0.027				
MILK	-0.110	0.030	0.020	0.020	
BUTT		-0.150			
MDRY			-0.400		
CHES				-0.160	
\$COLUMNS	TOBA	COTT	POTA		
TOBA	-0.350				
COTT		-0.150			
POTA			-0.350		

CZECHOSLOVAKIA

\$TABLE	CZE00&0000ELDBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	-0.300	0.028	0.001	0.007		
BARL	0.091	-0.350	0.025	0.013		
MAIZ	0.011	0.056	-0.300	0.015		
OCES	0.082	0.046	0.022	-0.350		
RICE					-0.150	
SUGA						-0.300
LENT				0.015		
DRYB				0.015		
KSOY		0.037	0.002	0.010		
BEEF		0.006	0.001	0.001		
PMEA		0.006	0.001	0.002		
MUTT		0.061	0.008	0.016		
POUL		0.025	0.003	0.006		
EGGS		0.009	0.001	0.002		
MILK		0.002		0.001		
\$COLUMNS	LENT	DRYB				
OCES		0.002				
LENT	-0.350	0.002				
DRYB		-0.350				
\$COLUMNS	SOYA	SUNF	GNUT	OLOY	OSUN	OOLI
SOYA	-0.380			0.090		
SUNF		-0.510				
GNUT			-0.510			
OLOY				-0.400	0.012	0.034
OSUN				0.002	-0.150	0.034

DEMAND ELASTICITIES - MAIN MODEL

OOLI				0.002	0.012	-0.150
\$COLUMNS	KSOY	KSUN	KGNU			
BARL	0.012					
MAIZ	0.002					
OCES	0.011					
SOYA	0.240					
KSOY	-0.400	0.006	0.006			
KSUN	0.053	-0.300	0.005			
KGNU	0.053	0.006	-0.300			
BEEF	0.002					
PMEA	0.002					
MUTT	0.014	0.002	0.001			
POUL	0.007	0.001	0.001			
EGGS	0.003					
MILK	0.001					
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS	
WHEA	0.020	0.060		0.020	0.020	
BARL	0.027	0.082	0.009	0.034	0.027	
MAIZ	0.008	0.030	0.003	0.010	0.008	
OCES	0.025	0.074	0.008	0.030	0.025	
KSOY	0.026	0.084	0.006	0.030	0.026	
KSUN	0.028	0.090	0.007	0.032	0.028	
KGNU	0.028	0.090	0.007	0.032	0.028	
BEEF	-0.200	0.060				
PMEA	0.020	-0.500		0.014		
MUTT			-0.280			
POUL		0.139		-0.250		
EGGS					-0.100	
\$COLUMNS	MILK	BUTT	MDRY	CHES		
WHEA	0.020					
BARL	0.027					
MAIZ	0.011					
OCES	0.025					
KSOY	0.026					
KSUN	0.028					
KGNU	0.028					
MILK	-0.110	0.030	0.020	0.020		
BUTT		-0.150				
MDRY			-0.400			
CHES				-0.160		
\$COLUMNS	TOBA	COTT	POTA			
TOBA	-0.350					
COTT		-0.150				
POTA			-0.350			

HUNGARY

\$TABLE	HUN00&&0000ELDBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	-0.300	0.010	0.029	0.004		
BARL	0.081	-0.350	0.069	0.003		
MAIZ	0.034	0.010	-0.300	0.004		
OCES	0.080	0.008	0.068	-0.350		
RICE					-0.150	
SUGA						-0.300
LENT				0.004		
KSOY		0.009	0.033	0.003		
BEEF		0.007	0.051	0.002		
PMEA		0.002	0.016	0.001		
MUTT		0.023	0.153	0.008		
POUL		0.006	0.044	0.002		
EGGS		0.003	0.022	0.001		
MILK		0.001	0.015	0.001		

DEMAND ELASTICITIES - MAIN MODEL

\$COLUMNS	LENT						
OCES	0.001						
LENT	-0.350						
\$COLUMNS	SOYA	SUNF	GNUT	OSOY	OSUN	OGNU	OOLI
SOYA	-0.380			0.090			
SUNF		-0.510					
GNUT			-0.510				
OSOY				-0.400	0.288	0.002	0.110
OSUN				0.019	-0.150		
OGNU				0.019		-0.150	
OOLI				0.019			-0.150
\$COLUMNS	KSOY	KSUN	KGNU				
BARL	0.014						
MAIZ	0.007						
OCES	0.014						
SOYA	0.240						
KSOY	-0.400	0.037					
KSUN	0.068	-0.300					
KGNU	0.066	0.036	-0.300				
BEEF	0.016	0.006					
PMEA	0.004	0.002					
MUTT	0.035	0.012					
POUL	0.013	0.005					
EGGS	0.007	0.003					
MILK	0.003	0.001					
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS		
WHEA	0.020	0.060		0.020	0.020		
BARL	0.024	0.073	0.003	0.033	0.024		
MAIZ	0.026	0.094	0.003	0.034	0.026		
OCES	0.024	0.072	0.003	0.032	0.024		
KSOY	0.035	0.113	0.003	0.044	0.035		
KSUN	0.026	0.085	0.002	0.033	0.026		
KGNU	0.025	0.083	0.002	0.032	0.025		
BEEF	-0.200	0.060					
PMEA	0.020	-0.500		0.020			
MUTT			-0.280				
POUL		0.150		-0.250			
EGGS					-0.100		
\$COLUMNS	MILK	BUTT	MDRY	CHES			
WHEA	0.020						
BARL	0.024						
MAIZ	0.034						
OCES	0.024						
KSOY	0.035						
KSUN	0.026						
KGNU	0.025						
MILK	-0.110	0.030	0.020	0.020			
BUTT		-0.150					
MDRY			-0.400				
CHES				-0.160			
\$COLUMNS	TOBA	COTT	POTA				
TOBA	-0.350						
COTT		-0.150					
POTA			-0.350				

POLAND

\$TABLE	POL00&0000ELDBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	-0.300	0.018	0.002	0.040		
BARL	0.071	-0.350	0.003	0.072		
MAIZ	0.099	0.036	-0.300	0.080		
OCES	0.078	0.036	0.003	-0.350		

DEMAND ELASTICITIES - MAIN MODEL

RICE					-0.150	
SUGA						-0.300
LENT				0.080		
KSOY	0.020			0.044		
BEEF	0.010	0.004		0.010		
PMEA	0.010	0.004		0.010		
MUTT		0.031		0.069		
POUL	0.025	0.015		0.033		
EGGS	0.016	0.007		0.016		
MILK	0.003	0.001		0.003		
\$COLUMNS	LENT					
LENT	-0.350					
\$COLUMNS	SOYA	GNUT	Osoy	OSUN	OGNU	OOLI
SOYA	-0.380		0.090			
GNUT		-0.510				
Osoy			-0.400	0.001		0.022
OSUN			0.003	-0.150		0.022
OGNU			0.003	0.001	-0.150	0.022
OOLI			0.003	0.001		-0.150
\$COLUMNS	KSOY	KGNU				
BARL	0.010					
OCES	0.011					
SOYA	0.240					
KSOY	-0.400	0.018				
KGNU	0.050	-0.300				
BEEF	0.002	0.001				
PMEA	0.002	0.001				
MUTT	0.010	0.004				
POUL	0.006	0.003				
EGGS	0.003	0.001				
MILK	0.001					
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS	
WHEA	0.016	0.047		0.009	0.016	
BARL	0.027	0.082	0.009	0.022	0.027	
MAIZ	0.002	0.009	0.001	0.002	0.002	
OCES	0.030	0.090	0.010	0.024	0.030	
KSOY	0.023	0.073	0.006	0.017	0.023	
KGNU	0.029	0.096	0.007	0.022	0.029	
BEEF	-0.200	0.060				
PMEA	0.020	-0.500		0.007		
MUTT			-0.280			
POUL		0.090		-0.250		
EGGS					-0.100	
\$COLUMNS	MILK	BUTT	MDRY	CHES		
WHEA	0.016					
BARL	0.027					
MAIZ	0.003					
OCES	0.030					
KSOY	0.023					
KGNU	0.029					
MILK	-0.110	0.030	0.020	0.020		
BUTT		-0.150				
MDRY			-0.400			
CHES				-0.160		
\$COLUMNS	TOBA	COTT	POTA			
TOBA	-0.350					
COTT		-0.150				
POTA			-0.350			

ROMANIA

\$TABLE	ROM00&&0000ELDBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA

DEMAND ELASTICITIES - MAIN MODEL

WHEA	-0.300	0.014	0.020	0.001		
BARL	0.083	-0.350	0.062	0.001		
MAIZ	0.019	0.010	-0.300	0.001		
OCES	0.082	0.008	0.060	-0.350		
RICE					-0.150	
SUGA						-0.300
KSOY		0.012	0.033	0.001		
BEEF	0.030	0.007	0.036	0.001		
PMEA	0.014	0.003	0.021			
MUTT		0.007	0.035	0.001		
POUL	0.021	0.006	0.033	0.001		
EGGS	0.013	0.003	0.015			
MILK	0.008	0.002	0.013			
\$COLUMNS	SOYA	SUNF	GNUT	OSOY	OSUN	OOLI
	-0.380			0.090		
		-0.510				
			-0.510			
				-0.400	0.043	0.005
				0.020	-0.150	
				0.020		-0.150
\$COLUMNS	KSOY	KSUN				
	BARL	0.010				
	MAIZ	0.004				
	OCES	0.010				
	SOYA	0.240				
	KSOY	-0.400	0.033			
	KSUN	0.050	-0.300			
	BEEF	0.006	0.004			
	PMEA	0.003	0.002			
	MUTT	0.004	0.003			
	POUL	0.005	0.003			
	EGGS	0.002	0.002			
	MILK	0.001	0.001			
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS	
	WHEA	0.019	0.058		0.016	0.019
	BARL	0.025	0.078	0.009	0.030	0.026
	MAIZ	0.021	0.078	0.007	0.024	0.021
	OCES	0.025	0.077	0.009	0.029	0.026
	KSOY	0.024	0.081	0.006	0.026	0.025
	KSUN	0.026	0.088	0.007	0.028	0.027
	BEEF	-0.200	0.059			
	PMEA	0.009	-0.500		0.024	
	MUTT			-0.280		
	POUL		0.127		-0.250	
	EGGS					-0.100
\$COLUMNS	MILK	BUTT	MDRY	CHES		
	WHEA	0.019				
	BARL	0.026				
	MAIZ	0.028				
	OCES	0.026				
	KSOY	0.024				
	KSUN	0.027				
	MILK	-0.110	0.005	0.013	0.020	
	BUTT	0.150	-0.150			
	MDRY	0.400		-0.400		
	CHES	0.159			-0.160	
\$COLUMNS	TOBA	COTT	POTA			
	TOBA	-0.350				
	COTT		-0.150			
	POTA			-0.350		

YUGOSLAVIA

\$TABLE	YUG00&&0000ELDBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	-0.300	0.014	0.020	0.001		
BARL	0.083	-0.350	0.062	0.001		
MAIZ	0.019	0.010	-0.300	0.001		
OCES	0.082	0.008	0.060	-0.350		
RICE					-0.150	
SUGA						-0.300
KSOY		0.012	0.033	0.001		
BEEF	0.030	0.007	0.036	0.001		
PMEA	0.014	0.003	0.021			
MUTT		0.007	0.035	0.001		
POUL	0.021	0.006	0.033	0.001		
EGGS	0.013	0.003	0.015			
MILK	0.008	0.002	0.013			
\$COLUMNS	SOYA	SUNF	GNUT	OSOY	OSUN	OOLI
SOYA	-0.380			0.090		
SUNF		-0.510				
GNUT			-0.510			
OSOY				-0.400	0.043	0.005
OSUN				0.020	-0.150	
OOLI				0.020		-0.150
\$COLUMNS	KSOY	KSUN				
BARL	0.010					
MAIZ	0.004					
OCES	0.010					
SOYA	0.240					
KSOY	-0.400	0.033				
KSUN	0.050	-0.300				
BEEF	0.006	0.004				
PMEA	0.003	0.002				
MUTT	0.004	0.003				
POUL	0.005	0.003				
EGGS	0.002	0.002				
MILK	0.001	0.001				
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS	
WHEA	0.019	0.058		0.016	0.019	
BARL	0.025	0.078	0.009	0.030	0.026	
MAIZ	0.021	0.078	0.007	0.024	0.021	
OCES	0.025	0.077	0.009	0.029	0.026	
KSOY	0.024	0.081	0.006	0.026	0.025	
KSUN	0.026	0.088	0.007	0.028	0.027	
BEEF	-0.200	0.059				
PMEA	0.009	-0.500		0.024		
MUTT			-0.280			
POUL		0.127		-0.250		
EGGS					-0.100	
\$COLUMNS	MILK	BUTT	MDRY	CHES		
WHEA	0.019					
BARL	0.026					
MAIZ	0.028					
OCES	0.026					
KSOY	0.024					
KSUN	0.027					
MILK	-0.110	0.005	0.013	0.020		
BUTT	0.150	-0.150				
MDRY	0.400		-0.400			
CHES	0.159			-0.160		
\$COLUMNS	TOBA	COTT	POTA			
TOBA	-0.350					
COTT		-0.150				

DEMAND ELASTICITIES - MAIN MODEL

POTA -0.350

UDSSR

\$TABLE USS00&&0000ELDBT							
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA	
WHEA	-0.250	0.019	0.031	0.012			
BARL	0.035	-0.250	0.007	0.006			
MAIZ	0.097	0.012	-0.350	0.007			
OCES	0.034	0.010	0.007	-0.250			
RICE					-0.150		
SUGA						-0.150	
LENT				0.007			
BEEF		0.003	0.002	0.002			
PMEA		0.026	0.017	0.016			
MUTT		0.011	0.006	0.007			
POUL		0.019	0.010	0.012			
EGGS		0.013	0.007	0.008			
MILK		0.003	0.002	0.002			
\$COLUMNS	LENT						
LENT	-0.250						
\$COLUMNS	SOYA	SUNF	GNUT	OSOY	OSUN	OGNU	OOLI
SOYA	-0.260			0.060			
SUNF		-0.630					
GNUT			-0.630				
OSOY				-0.150			
OSUN					-0.150		
OGNU						-0.150	
OOLI							-0.150
\$COLUMNS	KSOY	KSUN	KGNU				
SOYA	0.150						
KSOY	-0.330	0.018					
KSUN	0.043	-0.250					
KGNU	0.040	0.016	-0.250				
BEEF	0.001						
PMEA	0.009	0.003					
MUTT	0.003	0.001					
POUL	0.006	0.002					
EGGS	0.004	0.001					
MILK	0.001						
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS		
WHEA	0.020	0.060		0.020	0.020		
BARL	0.026	0.078	0.009	0.035	0.026		
MAIZ	0.024	0.089	0.008	0.032	0.024		
OCES	0.026	0.077	0.009	0.034	0.026		
KSOY	0.035	0.113	0.009	0.043	0.035		
KSUN	0.024	0.079	0.006	0.030	0.024		
KGNU	0.023	0.074	0.005	0.028	0.023		
BEEF	-0.190	0.020		0.020			
PMEA	0.050	-0.180					
MUTT			-0.150				
POUL	0.090			-0.250			
EGGS					-0.150		
\$COLUMNS	MILK	BUTT	MDRY	CHES			
WHEA	0.020						
BARL	0.026						
MAIZ	0.032						
OCES	0.026						
KSOY	0.035						
KSUN	0.024						
KGNU	0.023						
MILK	-0.090		0.020	0.020			
BUTT			-0.150				

DEMAND ELASTICITIES - MAIN MODEL

MDRY			-0.150	
CHES				-0.150
\$COLUMNS	TOBA	COTT	POTA	
TOBA	-0.200			
COTT		-0.150		
POTA			-0.250	
\$STANDARD				

JORDAN

\$TABLE	JOR00&&0000ELDBT						
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA	
WHEA	-0.110						
BARL		-0.300	0.030	0.001			
MAIZ		0.023	-0.400	0.001			
OCES		0.023	0.030	-0.300			
RICE					-0.070		
SUGA						-0.100	
LENT				0.001			
CHKP				0.001			
DRYB				0.001			
KSOY		0.006	0.110				
BEEF		0.002					
MUTT	0.080	0.001					
POUL		0.003					
EGGS		0.002					
MILK		0.009					
\$COLUMNS	LENT	CHKP	DRYB				
OCES	0.005	0.009	0.002				
LENT	-0.300	0.009	0.002				
CHKP	0.005	-0.300	0.002				
DRYB	0.005	0.009	-0.300				
\$COLUMNS	SOYA	SUNF	GNUT	OZOY	OSUN	OGNU	OOLI
SOYA	-0.420			0.110			
SUNF		-0.650					
GNUT			-0.650				
OZOY				-0.120			
OSUN					-0.130		
OGNU						-0.130	
OOLI							-0.130
\$COLUMNS	KSOY						
BARL	0.008						
MAIZ	0.105						
OCES	0.008						
SOYA	0.260						
KSOY	-0.500						
BEEF	0.006						
MUTT	0.012						
POUL	0.017						
EGGS	0.013						
MILK	0.060						
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS		
WHEA			0.020				
BARL	0.010		0.010	0.030	0.010		
MAIZ	0.020		0.050	0.090	0.030		
OCES	0.010		0.010	0.030	0.010		
KSOY	0.025		0.067	0.127	0.051		
BEEF	-0.280		0.020	0.020			
PMEA		-0.200					
MUTT	0.020		-0.500	0.150			
POUL	0.040		0.310	-0.400			
EGGS					-0.300		
\$COLUMNS	MILK	BUTT	MDRY	CHES			

DEMAND ELASTICITIES - MAIN MODEL

BARL	0.011					
MAIZ	0.070					
OCES	0.011					
KSOY	0.061					
MILK	-0.090				0.017	
BUTT		-0.200				
MDRY			-0.200			
CHES	0.015				-0.200	
\$COLUMNS	TOBA	COTT	POTA			
TOBA	-0.100					
COTT		-0.300				
POTA			-0.300			

LEBANON

\$TABLE	LEB00&0000ELDBT						
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA	
WHEA	-0.110						
BARL		-0.300	0.025				
MAIZ		0.005	-0.400				
OCES		0.005	0.025	-0.300			
RICE					-0.070		
SUGA						-0.100	
KSOY		0.002	0.042				
KSUN			0.058				
KGNU			0.058				
BEEF			0.002				
MUTT	0.080	0.001	0.013				
POUL		0.001	0.009				
EGGS			0.002				
MILK		0.001	0.014				
\$COLUMNS	LENT	CHKP	DRYB				
OCES	0.020	0.007	0.002				
LENT	-0.300	0.007	0.002				
CHKP	0.020	-0.300	0.002				
DRYB	0.020	0.007	-0.300				
\$COLUMNS	SOYA	SUNF	GNUT	OSOY	OSUN	OGNU	OOLI
SOYA	-0.420			0.110			
SUNF		-0.650					
GNUT			-0.650				
OSOY				-0.120			
OSUN					-0.130		
OGNU						-0.130	
OOLI							-0.130
\$COLUMNS	KSOY	KSUN	KGNU				
BARL	0.009						
MAIZ	0.036						
OCES	0.009						
SOYA	0.260						
KSOY	-0.500						
KSUN	0.046	-0.350					
KGNU	0.046		-0.350				
BEEF	0.002						
MUTT	0.018						
POUL	0.013						
EGGS	0.003						
MILK	0.022						
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS		
WHEA			0.020				
BARL	0.010		0.010	0.030	0.010		
MAIZ	0.017		0.042	0.075	0.025		
OCES	0.010		0.010	0.030	0.010		
KSOY	0.026		0.069	0.129	0.052		

DEMAND ELASTICITIES - MAIN MODEL

KSUN	0.016	0.042	0.079	0.032
KGNU	0.016	0.042	0.079	0.032
BEEF	-0.280	0.020	0.020	
PMEA		-0.200		
MUTT	0.020	-0.500	0.150	
POUL	0.040	0.310	-0.400	
EGGS				-0.300
\$COLUMNS	MILK	BUTT	MDRY	CHES
BARL	0.019			
MAIZ	0.056			
OCES	0.019			
KSOY	0.108			
KSUN	0.066			
KGNU	0.066			
MILK	-0.090		0.029	
BUTT		-0.200		
MDRY			-0.200	
CHES	0.029			-0.200
\$COLUMNS	TOBA	COTT	POTA	
TOBA	-0.100			
COTT		-0.300		
POTA			-0.300	

SYRIA

SYR00&0000ELDBT						
\$TABLE	WHEA	BARL	MAIZ	OCES	RICE	SUGA
\$COLUMNS						
WHEA	-0.110					
BARL		-0.300	0.015	0.002		
MAIZ		0.044	-0.400	0.002		
OCES		0.044	0.015	-0.300		
RICE					-0.070	
SUGA						-0.100
LENT				0.002		
CHKP				0.002		
DRYB				0.002		
KSOY		0.045	0.036	0.002		
KSUN			0.032			
BEEF		0.004	0.001			
MUTT	0.080	0.001	0.001			
POUL		0.012	0.006	0.001		
EGGS		0.002	0.001			
MILK		0.004	0.002			
\$COLUMNS	LENT	CHKP	DRYB			
OCES	0.022	0.010	0.006			
LENT	-0.300	0.010	0.006			
CHKP	0.022	-0.300	0.006			
DRYB	0.022	0.010	-0.300			
\$COLUMNS	SOYA	SUNF	GNUT	OOSOY	OSUN	OOLI
SOYA	-0.420			0.110		
SUNF		-0.650				
GNUT			-0.650			
OOSOY				-0.120		
OSUN					-0.130	
OOLI						-0.130
\$COLUMNS	KSOY	KSUN				
BARL	0.003					
MAIZ	0.007	0.002				
OCES	0.003					
SOYA	0.260					
KSOY	-0.500	0.005				
KSUN	0.014	-0.350				
POUL	0.001	0.001				

DEMAND ELASTICITIES - MAIN MODEL

\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS
WHEA			0.020		
BARL	0.010		0.010	0.029	0.010
MAIZ	0.010		0.025	0.043	0.015
OCES	0.010		0.010	0.029	0.010
KSOY	0.009		0.023	0.041	0.017
KSUN	0.015		0.039	0.072	0.030
BEEF	-0.280		0.020	0.040	
PMEA		-0.200			
MUTT	0.020		-0.500	0.105	
POUL	0.038		0.297	-0.400	
EGGS					-0.300
\$COLUMNS	MILK	BUTT	MDRY	CHES	
BARL	0.020				
MAIZ	0.035				
OCES	0.020				
KSOY	0.037				
KSUN	0.065				
MILK	-0.090			0.030	
BUTT		-0.200			
MDRY			-0.200		
CHES				-0.200	
\$COLUMNS	TOBA	COTT	POTA		
TOBA	-0.100				
COTT		-0.300			
POTA			-0.300		

**REST OF NON-OILPRODUCING
MIDDLE EAST**

\$TABLE	NME00&0000ELDBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	-0.110					
BARL		-0.300	0.018	0.107		
MAIZ		0.010	-0.400	0.107		
OCES		0.010	0.018	-0.300		
RICE					-0.070	
SUGA						-0.100
BEEF		0.001	0.001	0.006		
MUTT	0.080		0.001	0.003		
POUL		0.001	0.003	0.009		
EGGS			0.002	0.005		
MILK		0.001	0.005	0.016		
\$COLUMNS	SOYA	OSOY	OOLI			
SOYA	-0.420	0.110				
OSOY		-0.120				
OOLI			-0.130			
\$COLUMNS	KSOY					
BARL	0.007					
MAIZ	0.029					
OCES	0.010					
SOYA	0.260					
KSOY	-0.500					
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS	
WHEA			0.020			
BARL	0.010		0.010	0.030	0.010	
MAIZ	0.012		0.029	0.053	0.018	
OCES	0.010		0.010	0.030	0.010	
KSOY	0.030		0.080	0.150	0.060	
BEEF	-0.280		0.020	0.020		
PMEA		-0.200				
MUTT	0.020		-0.500	0.150		

DEMAND ELASTICITIES - MAIN MODEL

POUL	0.040	0.310	-0.400	
EGGS				-0.300
\$COLUMNS	MILK	BUTT	MDRY	CHES
BARL	0.020			
MAIZ	0.041			
OCES	0.020			
KSOY	0.130			
MILK	-0.090			0.030
BUTT		-0.200		
MDRY			-0.200	
CHES				-0.200
\$COLUMNS	TOBA	COTT	POTA	
TOBA	-0.100			
COTT		-0.300		
POTA			-0.300	

IRAN

IRN000&0000ELDBT						
\$TABLE	WHEA	BARL	MAIZ	OCES	RICE	SUGA
\$COLUMNS						
WHEA	-0.110					
BARL		-0.350	0.040	0.001		
MAIZ		0.099	-0.500	0.001		
OCES		0.099	0.040	-0.350		
RICE					-0.200	
SUGA						-0.100
LENT				0.001		
CHKP				0.001		
KSOY			0.032			
KSUN			0.058			
BEEF			0.001			
MUTT	0.080		0.002			
POUL		0.005	0.013			
EGGS		0.003	0.005			
MILK			0.002			
\$COLUMNS	LENT	CHKP				
OCES	0.006	0.009				
LENT	-0.350	0.009				
CHKP	0.006	-0.350				
\$COLUMNS	SOYA	SUNF	OSOY	OSUN	OGNU	OOLI
SOYA	-0.130		0.020			
SUNF		-0.520				
OSOY			-0.080			
OSUN				-0.130		
OGNU					-0.130	
OOLI						-0.130
\$COLUMNS	KSOY	KSUN				
MAIZ	0.028	0.001				
SOYA	0.060					
KSOY	-0.350	0.003				
KSUN	0.115	-0.500				
BEEF	0.002					
MUTT	0.003					
POUL	0.020	0.001				
EGGS	0.008					
MILK	0.002					
\$COLUMNS	BEEF	MUTT	POUL	EGGS		
WHEA		0.010	0.010	0.010		
BARL			0.010	0.010		
MAIZ	0.007	0.020	0.060	0.040		
OCES			0.010	0.010		
KSOY	0.018	0.041	0.107	0.077		
KSUN	0.020	0.046	0.120	0.087		

DEMAND ELASTICITIES - MAIN MODEL

BEEF	-0.280			
MUTT		-0.600	0.300	
POUL		0.050	-0.400	
EGGS				-0.300
\$COLUMNS	MILK	BUTT	MDRY	CHES
WHEA	0.010			
MAIZ	0.016			
KSOY	0.024			
KSUN	0.027			
MILK	-0.210	0.041	0.012	0.082
BUTT	0.143	-0.300		
MDRY	0.300		-0.300	
CHES	0.141			-0.300
\$COLUMNS	TOBA	COTT	POTA	
TOBA	-0.100			
COTT		-0.300		
POTA			-0.350	

IRAQ

\$TABLE	IRQ00&&0000ELDBT						
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA	
WHEA	-0.110						
BARL		-0.350	0.058				
MAIZ		0.095	-0.500				
OCES		0.095	0.058	-0.350			
RICE					-0.200		
SUGA						-0.100	
KSOY			0.088				
KSUN			0.084				
KGNU			0.084				
BEEF			0.001				
MUTT	0.080		0.009				
POUL		0.001	0.008				
EGGS		0.002	0.008				
MILK			0.007				
\$COLUMNS	LENT	CHKP	DRYB				
OCES	0.015	0.020	0.002				
LENT	-0.350	0.020	0.002				
CHKP	0.015	-0.350	0.002				
DRYB	0.015	0.020	-0.350				
\$COLUMNS	SOYA	SUNF	GNUT	OSOY	OSUN	OGNU	OOLI
SOYA	-0.130			0.020			
SUNF		-0.520					
GNUT			-0.520				
OSOY				-0.080			
OSUN					-0.130		
OGNU						-0.130	
OOLI							-0.130
\$COLUMNS	KSOY	KSUN	KGNU				
MAIZ	0.037	0.001					
SOYA	0.060						
KSOY	-0.350	0.003					
KSUN	0.105	-0.500					
KGNU	0.105	0.003	-0.500				
BEEF	0.001						
MUTT	0.005						
POUL	0.004						
EGGS	0.004						
MILK	0.003						
\$COLUMNS	BEEF	MUTT	POUL	EGGS			
WHEA		0.010	0.010	0.010			
BARL			0.010	0.010			

DEMAND ELASTICITIES - MAIN MODEL

MAIZ	0.010	0.029	0.088	0.058
OCES			0.010	0.010
KSOY	0.016	0.038	0.098	0.071
KSUN	0.020	0.047	0.120	0.087
KGNU	0.020	0.047	0.120	0.087
BEEF	-0.280			
MUTT		-0.600	0.300	
POUL		0.050	-0.400	
EGGS				-0.300
\$COLUMNS	MILK	BUTT	MDRY	CHES
WHEA	0.010			
MAIZ	0.023			
KSOY	0.024			
KSUN	0.027			
KGNU	0.027			
MILK	-0.210	0.040	0.080	0.080
BUTT	0.244	-0.300		
MDRY	0.145		-0.300	
CHES	0.135			-0.300
\$COLUMNS	TOBA	COTT	POTA	
TOBA	-0.100			
COTT		-0.300		
POTA			-0.350	

KUWAIT

\$TABLE	KUW00&&0000ELDBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	-0.110					
BARL		-0.350	0.060	0.005		
MAIZ		0.096	-0.500	0.005		
OCES		0.096	0.060	-0.350		
RICE					-0.200	
SUGA						-0.100
LENT				0.005		
CHKP				0.005		
DRYB				0.005		
KSOY			0.057			
KGNU						
MUTT	0.080					
POUL		0.001				
EGGS		0.002				
\$COLUMNS	LENT	CHKP	DRYB			
OCES	0.012	0.012	0.009			
LENT	-0.350	0.012	0.009			
CHKP	0.012	-0.350	0.009			
DRYB	0.012	0.012	-0.350			
\$COLUMNS	SOYA	GNUT	OOSOY	OGNU	OOLI	
SOYA	-0.130		0.020			
GNUT		-0.520				
OOSOY			-0.080			
OGNU				-0.130		
OOLI					-0.130	
\$COLUMNS	KSOY	KGNU				
MAIZ	0.047					
SOYA	0.060					
KSOY	-0.350					
KGNU						
BEEF	0.002					
MUTT	0.002					
POUL	0.006					
EGGS	0.007					
MILK	0.004					

DEMAND ELASTICITIES - MAIN MODEL

\$COLUMNS	BEEF	MUTT	POUL	EGGS
WHEA		0.010	0.010	0.010
BARL			0.010	0.010
MAIZ	0.010	0.030	0.090	0.060
OCES			0.010	0.010
KSOY	0.019	0.044	0.113	0.082
KGNU				
BEEF	-0.280			
MUTT		-0.600	0.300	
POUL		0.050	-0.400	
EGGS				-0.300
\$COLUMNS	MILK	BUTT	MDRY	CHES
WHEA	0.010			
MAIZ	0.030			
KSOY	0.028			
KGNU				
MILK	-0.210	0.041	0.083	0.083
BUTT	0.132	-0.300		
MDRY	0.088		-0.300	
CHES	0.089			-0.300
\$COLUMNS	TOBA	COTT	POTA	
TOBA	-0.100			
COTT		-0.300		
POTA			-0.350	

SAUDI ARABIA

\$TABLE	SAU00&&0000ELDBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	-0.110					
BARL		-0.350	0.032	0.002		
MAIZ		0.331	-0.500	0.002		
OCES		0.297	0.029	-0.350		
RICE					-0.200	
SUGA						-0.100
LENT				0.002		
CHKP				0.002		
DRYB				0.002		
KSOY			0.022			
KSUN			0.047			
BEEF			0.001			
MUTT	0.080		0.003			
POUL		0.007	0.003			
EGGS		0.014	0.004			
MILK			0.004			
\$COLUMNS	LENT	CHKP	DRYB			
OCES	0.003	0.002	0.002			
LENT	-0.350	0.002	0.002			
CHKP	0.003	-0.350	0.002			
DRYB	0.003	0.002	-0.350			
\$COLUMNS	SOYA	SUNF	GNUT	OSOY	OSUN	OOLI
SOYA	-0.130			0.020		
SUNF		-0.520				
GNUT			-0.520			
OSOY				-0.080		
OSUN					-0.130	
OOLI						-0.130
\$COLUMNS	KSOY	KSUN				
MAIZ	0.026					
SOYA	0.060					
KSOY	-0.350					
KSUN	0.139	-0.500				
BEEF	0.004					

DEMAND ELASTICITIES - MAIN MODEL

MUTT	0.010			
POUL	0.010			
EGGS	0.015			
MILK	0.009			
\$COLUMNS	BEEF	MUTT	POUL	EGGS
WHEA		0.010	0.010	0.010
BARL			0.010	0.010
MAIZ	0.005	0.016	0.047	0.032
OCES			0.009	0.009
KSOY	0.021	0.049	0.127	0.092
KSUN	0.020	0.048	0.123	0.089
BEEP	-0.280			
MUTT		-0.600	0.300	
POUL		0.050	-0.400	
EGGS				-0.300
\$COLUMNS	MILK	BUTT	MDRY	CHES
WHEA	0.010			
MAIZ	0.014			
KSOY	0.027			
KSUN	0.027			
MILK	-0.210	0.039	0.079	0.079
BUTT	0.190	-0.300		
MDRY	0.065		-0.300	
CHES	0.145			-0.300
\$COLUMNS	TOBA	COTT	POTA	
TOBA	-0.100			
COTT		-0.300		
POTA			-0.350	

REST OF OILPRODUCING MIDDLE EAST

\$TABLE	OME000&00000ELDBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	-0.110					
BARL		-0.350	0.060			
MAIZ		0.078	-0.500			
OCES			0.060	-0.350		
RICE					-0.200	
SUGA						-0.100
BEEF			0.001			
MUTT	0.080		0.001			
POUL		0.001	0.005			
EGGS		0.001	0.004			
MILK			0.003			
\$COLUMNS	SOYA	SUNF	OSOY	OGNU	COLI	
SOYA	-0.130		0.020			
SUNF		-0.520				
OSOY			-0.080			
OGNU				-0.130		
OOLI					-0.130	
\$COLUMNS	KSOY					
MAIZ	0.066					
SOYA	0.060					
\$COLUMNS	BEEF	MUTT	POUL	EGGS		
WHEA		0.010	0.010	0.010		
BARL			0.010	0.010		
MAIZ	0.009	0.028	0.084	0.056		
OCES			0.010	0.010		
KSOY						
BEEF	-0.280					
MUTT		-0.600	0.300			
POUL		0.050	-0.400			
EGGS				-0.300		

DEMAND ELASTICITIES - MAIN MODEL

\$COLUMNS	MILK	BUTT	MDRY	CHES
WHEA	0.010			
MAIZ	0.021			
KSOY				
MILK	-0.210	0.041	0.083	0.083
BUTT	0.106	-0.300		
MDRY	0.072		-0.300	
CHES	0.102			-0.300
\$COLUMNS	TOBA	COTT	POTA	
TOBA	-0.100			
COTT		-0.300		
POTA			-0.350	

ISRAEL

\$TABLE	ISR00&&0000ELDBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	-0.110					
BARL		-0.350	0.059	0.042		
MAIZ		0.060	-0.500	0.042		
OCES		0.060	0.059	-0.350		
RICE					-0.200	
SUGA						-0.100
LENT				0.042		
CHKP				0.042		
DRYB				0.042		
KSOY			0.027			
KSUN			0.083			
BEEF			0.002			
MUTT	0.068		0.071			
POUL		0.001	0.012	0.001		
EGGS		0.001	0.007	0.001		
MILK			0.002			
\$COLUMNS	LENT	CHKP	DRYB			
OCES		0.003				
LENT	-0.350	0.003				
CHKP		-0.350				
DRYB		0.003	-0.350			
\$COLUMNS	SOYA	SUNF	GNUT	OSOY	OSUN	OOLI
SOYA	-0.130			0.020		
SUNF		-0.520				
GNUT			-0.520			
OSOY				-0.080		
OSUN					-0.130	
OOLI						-0.130
\$COLUMNS	KSOY	KSUN				
MAIZ	0.045					
SOYA	0.060					
KSOY	-0.350					
KSUN	0.120	-0.500				
BEEF	0.006					
MUTT	0.181					
POUL	0.026					
EGGS	0.017					
MILK	0.004					
\$COLUMNS	BEEF	MUTT	POUL	EGGS		
WHEA		0.009	0.010	0.010		
BARL			0.010	0.010		
MAIZ	0.010	0.025	0.089	0.059		
OCES			0.010	0.010		
KSOY	0.019	0.039	0.117	0.084		
KSUN	0.019	0.038	0.115	0.084		
BEEF	-0.280					

DEMAND ELASTICITIES - MAIN MODEL

MUTT	-0.600	0.256		
POUL	0.012	-0.400		
EGGS			-0.300	
\$COLUMNS	MILK	BUTT	MDRY	CHES
WHEA	0.010			
MAIZ	0.024			
KSOY	0.026			
KSUN	0.026			
MILK	-0.210	0.004	0.012	0.082
BUTT	0.300	-0.300		
MDRY	0.300		-0.300	
CHES	0.149			-0.300
\$COLUMNS	TOBA	COTT	POTA	
TOBA	-0.100			
COTT		-0.300		
POTA			-0.350	

ALGERIA

\$TABLE	ALG00&0000ELDBT						
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA	
WHEA	-0.110						
BARL		-0.350	0.058				
MAIZ		0.095	-0.500				
OCES		0.095	0.058	-0.350			
RICE					-0.200		
SUGA						-0.100	
KSOY			0.088				
KSUN			0.084				
KGNU			0.084				
BEEF			0.001				
MUTT	0.080		0.009				
POUL		0.001	0.008				
EGGS		0.002	0.008				
MILK			0.007				
\$COLUMNS	LENT	CHKP	DRYB				
OCES	0.015	0.020	0.002				
LENT	-0.350	0.020	0.002				
CHKP	0.015	-0.350	0.002				
DRYB	0.015	0.020	-0.350				
\$COLUMNS	SCYA	SUNF	GNUT	OOSY	OSUN	OGNU	OOLI
SOYA	-0.130			0.020			
SUNF		-0.520					
GNUT			-0.520				
OOSY				-0.080			
OSUN					-0.130		
OGNU						-0.130	
OOLI							-0.130
\$COLUMNS	KSOY	KSUN	KGNU				
MAIZ	0.037	0.001					
SOYA	0.060						
KSOY	-0.350	0.003					
KSUN	0.105	-0.500					
KGNU	0.105	0.003	-0.500				
BEEF	0.001						
MUTT	0.005						
POUL	0.004						
EGGS	0.004						
MILK	0.003						
\$COLUMNS	BEEF	MUTT	POUL	EGGS			
WHEA		0.010	0.010	0.010			
BARL			0.010	0.010			
MAIZ	0.010	0.029	0.088	0.058			

DEMAND ELASTICITIES - MAIN MODEL

OCES			0.010	0.010
KSOY	0.016	0.038	0.098	0.071
KSUN	0.020	0.047	0.120	0.087
KGNU	0.020	0.047	0.120	0.087
BEEF	-0.280			
MUTT		-0.600	0.300	
POUL		0.050	-0.400	
EGGS				-0.300
\$COLUMNS	MILK	BUTT	MDRY	CHES
WHEA	0.010			
MAIZ	0.023			
KSOY	0.024			
KSUN	0.027			
KGNU	0.027			
MILK	-0.210	0.040	0.080	0.080
BUTT	0.244	-0.300		
MDRY	0.145		-0.300	
CHES	0.135			-0.300
\$COLUMNS	TOBA	COTT	POTA	
TOBA	-0.100			
COTT		-0.300		
POTA			-0.350	

EGYPT

STABLE	EGY00&00000ELDBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	-0.110					
BARL		-0.350	0.058			
MAIZ		0.095	-0.500			
OCES		0.095	0.058	-0.350		
RICE					-0.200	
SUGA						-0.100
KSOY			0.088			
KSUN			0.084			
KGNU			0.084			
BEEF			0.001			
MUTT	0.080		0.009			
POUL		0.001	0.008			
EGGS		0.002	0.008			
MILK			0.007			
\$COLUMNS	LENT	CHKP	DRYB			
OCES	0.015	0.020	0.002			
LENT	-0.350	0.020	0.002			
CHKP	0.015	-0.350	0.002			
DRYB	0.015	0.020	-0.350			
\$COLUMNS	SOYA	SUNF	GNUT	OSOY	OSUN	OGNU
SOYA	-0.130			0.020		
SUNF		-0.520				
GNUT			-0.520			
OSOY				-0.080		
OSUN					-0.130	
OGNU						-0.130
OOLI						-0.130
\$COLUMNS	KSOY	KSUN	KGNU			
MAIZ	0.037	0.001				
SOYA	0.060					
KSOY	-0.350	0.003				
KSUN	0.105	-0.500				
KGNU	0.105	0.003	-0.500			
BEEF	0.001					
MUTT	0.005					
POUL	0.004					

DEMAND ELASTICITIES - MAIN MODEL

EGGS	0.004			
MILK	0.003			
\$COLUMNS	BEEF	MUTT	POUL	EGGS
WHEA		0.010	0.010	0.010
BARL			0.010	0.010
MAIZ	0.010	0.029	0.088	0.058
OCES			0.010	0.010
KSOY	0.016	0.038	0.098	0.071
KSUN	0.020	0.047	0.120	0.087
KGNU	0.020	0.047	0.120	0.087
BEEF	-0.280			
MUTT		-0.600	0.300	
POUL		0.050	-0.400	
EGGS				-0.300
\$COLUMNS	MILK	BUTT	MDRY	CHES
WHEA	0.010			
MAIZ	0.023			
KSOY	0.024			
KSUN	0.027			
KGNU	0.027			
MILK	-0.210	0.040	0.080	0.080
BUTT	0.244	-0.300		
MDRY	0.145		-0.300	
CHES	0.135			-0.300
\$COLUMNS	TOBA	COTT	POTA	
TOBA	-0.100			
COTT		-0.300		
POTA			-0.350	

LYBIA

\$TABLE	LYB00&&0000ELDBT						
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA	
WHEA	-0.110						
BARL		-0.350	0.058				
MAIZ		0.095	-0.500				
OCES		0.095	0.058	-0.350			
RICE					-0.200		
SUGA						-0.100	
KSOY			0.088				
KSUN			0.084				
KGNU			0.084				
BEEF			0.001				
MUTT	0.080		0.009				
POUL		0.001	0.008				
EGGS		0.002	0.008				
MILK			0.007				
\$COLUMNS	LENT	CHKP	DRYB				
OCES	0.015	0.020	0.002				
LENT	-0.350	0.020	0.002				
CHKP	0.015	-0.350	0.002				
DRYB	0.015	0.020	-0.350				
\$COLUMNS	SOYA	SUNF	GNUT	OOSOY	OSUN	OGNU	OOLI
SOYA	-0.130			0.020			
SUNF		-0.520					
GNUT			-0.520				
OOSOY				-0.080			
OSUN					-0.130		
OGNU						-0.130	
OOLI							-0.130
\$COLUMNS	KSOY	KSUN	KGNU				
MAIZ	0.037	0.001					
SOYA	0.060						

DEMAND ELASTICITIES - MAIN MODEL

KSOY	-0.350	0.003				
KSUN	0.105	-0.500				
KGNU	0.105	0.003	-0.500			
BEEF	0.001					
MUTT	0.005					
POUL	0.004					
EGGS	0.004					
MILK	0.003					
\$COLUMNS	BEEF	MUTT	POUL	EGGS		
WHEA		0.010	0.010	0.010		
BARL			0.010	0.010		
MAIZ	0.010	0.029	0.088	0.058		
OCES			0.010	0.010		
KSOY	0.016	0.038	0.098	0.071		
KSUN	0.020	0.047	0.120	0.087		
KGNU	0.020	0.047	0.120	0.087		
BEEF	-0.280					
MUTT		-0.600	0.300			
POUL		0.050	-0.400			
EGGS				-0.300		
\$COLUMNS	MILK	BUTT	MDRY	CHES		
WHEA	0.010					
MAIZ	0.023					
KSOY	0.024					
KSUN	0.027					
KGNU	0.027					
MILK	-0.210	0.040	0.080	0.080		
BUTT	0.244	-0.300				
MDRY	0.145		-0.300			
CHES	0.135			-0.300		
\$COLUMNS	TOBA	COTT	POTA			
TOBA	-0.100					
COTT		-0.300				
POTA			-0.350			

MOROCCO

\$TABLE	MAR00&00000ELDBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	-0.110					
BARL		-0.350	0.058			
MAIZ		0.095	-0.500			
OCES		0.095	0.058	-0.350		
RICE					-0.200	
SUGA						-0.100
KSOY			0.088			
KSUN			0.084			
KGNU			0.084			
BEEF			0.001			
MUTT	0.080		0.009			
POUL		0.001	0.008			
EGGS		0.002	0.008			
MILK			0.007			
\$COLUMNS	LENT	CHKP	DRYB			
OCES	0.015	0.020	0.002			
LENT	-0.350	0.020	0.002			
CHKP	0.015	-0.350	0.002			
DRYB	0.015	0.020	-0.350			
\$COLUMNS	SOYA	SUNF	GNUT	OOSY	OSUN	OGNU
SOYA	-0.130			0.020		
SUNF		-0.520				
GNUT			-0.520			
OOSY				-0.080		

DEMAND ELASTICITIES - MAIN MODEL

OSUN				-0.130
OGNU				-0.130
OOLI				-0.130
\$COLUMNS	KSOY	KSUN	KGNU	
MAIZ	0.037	0.001		
SOYA	0.060			
KSOY	-0.350	0.003		
KSUN	0.105	-0.500		
KGNU	0.105	0.003	-0.500	
BEEF	0.001			
MUTT	0.005			
POUL	0.004			
EGGS	0.004			
MILK	0.003			
\$COLUMNS	BEEF	MUTT	POUL	EGGS
WHEA		0.010	0.010	0.010
BARL			0.010	0.010
MAIZ	0.010	0.029	0.088	0.058
OCES			0.010	0.010
KSOY	0.016	0.038	0.098	0.071
KSUN	0.020	0.047	0.120	0.087
KGNU	0.020	0.047	0.120	0.087
BEEF	-0.280			
MUTT		-0.600	0.300	
POUL		0.050	-0.400	
EGGS				-0.300
\$COLUMNS	MILK	BUTT	MDRY	CHES
WHEA	0.010			
MAIZ	0.023			
KSOY	0.024			
KSUN	0.027			
KGNU	0.027			
MILK	-0.210	0.040	0.080	0.080
BUTT	0.244	-0.300		
MDRY	0.145		-0.300	
CHES	0.135			-0.300
\$COLUMNS	TOBA	COTT	POTA	
TOBA	-0.100			
COTT		-0.300		
POTA			-0.350	

TUNISIA

\$TABLE	TUN00 & 0000ELDBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	-0.110					
BARL		-0.350	0.058			
MAIZ		0.095	-0.500			
OCES		0.095	0.058	-0.350		
RICE					-0.200	
SUGA						-0.100
KSOY			0.088			
KSUN			0.084			
KGNU			0.084			
BEEF			0.001			
MUTT	0.080		0.009			
POUL		0.001	0.008			
EGGS		0.002	0.008			
MILK			0.007			
\$COLUMNS	LENT	CHKP	DRYB			
OCES	0.015	0.020	0.002			
LENT	-0.350	0.020	0.002			
CHKP	0.015	-0.350	0.002			

DEMAND ELASTICITIES - MAIN MODEL

DRYB	0.015	0.020	-0.350				
\$COLUMNS	SOYA	SUNF	GNUT	OSOY	OSUN	OGNU	OOLI
SOYA	-0.130			0.020			
SUNF		-0.520					
GNUT			-0.520				
OSOY				-0.080			
OSUN					-0.130		
OGNU						-0.130	
OOLI							-0.130
\$COLUMNS	KSOY	KSUN	KGNU				
MAIZ	0.037	0.001					
SOYA	0.060						
KSOY	-0.350	0.003					
KSUN	0.105	-0.500					
KGNU	0.105	0.003	-0.500				
BEEF	0.001						
MUTT	0.005						
POUL	0.004						
EGGS	0.004						
MILK	0.003						
\$COLUMNS	BEEF	MUTT	POUL	EGGS			
WHEA		0.010	0.010	0.010			
BARL			0.010	0.010			
MAIZ	0.010	0.029	0.088	0.058			
OCES			0.010	0.010			
KSOY	0.016	0.038	0.098	0.071			
KSUN	0.020	0.047	0.120	0.087			
KGNU	0.020	0.047	0.120	0.087			
BEEF	-0.280						
MUTT		-0.600	0.300				
POUL		0.050	-0.400				
EGGS				-0.300			
\$COLUMNS	MILK	BUTT	MDRY	CHES			
WHEA	0.010						
MAIZ	0.023						
KSOY	0.024						
KSUN	0.027						
KGNU	0.027						
MILK	-0.210	0.040	0.080	0.080			
BUTT	0.244	-0.300					
MDRY	0.145		-0.300				
CHES	0.135			-0.300			
\$COLUMNS	TOBA	COTT	POTA				
TOBA	-0.100						
COTT		-0.300					
POTA			-0.350				

SOUTH AFRICA

\$TABLE	SA 00&0000ELDBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	-0.220	0.005	0.020	0.007		
BARL	0.090	-0.500	0.106	0.006		
MAIZ		0.004	-0.200	0.006		
OCES	0.090	0.004	0.106	-0.500		
RICE					-0.300	
SUGA						-0.300
BEEF		0.001	0.011	0.001		
PMEA		0.001	0.025	0.002		
MUTT		0.001	0.018	0.002		
POUL		0.004	0.057	0.006		
EGGS		0.002	0.029	0.003		
MILK		0.001	0.010	0.001		

DEMAND ELASTICITIES - MAIN MODEL

\$COLUMNS	SOYA	SUNF	GNUT	OSOY	OSUN	OGNU	OOLI
SOYA	-0.320			0.070			
SUNF		-0.700					
GNUT			-0.700				
OSOY				-0.300			
OSUN					-0.650		
OGNU						-0.650	
OOLI							-0.650
\$COLUMNS	KSOY	KSUN	KGNU				
SOYA	0.180						
KSOY	-0.550	0.065	0.013				
KSUN	0.019	-0.570	0.012				
KGNU	0.017	0.054	-0.570				
BEEF		0.001					
PMEA		0.003	0.001				
MUTT		0.002					
POUL	0.001	0.007	0.001				
EGGS		0.003	0.001				
MILK		0.001					
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS		
BARL	0.060	0.020	0.020	0.090	0.040		
MAIZ	0.035	0.018	0.012	0.053	0.024		
OCES	0.060	0.020	0.020	0.090	0.040		
KSOY	0.032	0.015	0.012	0.049	0.019		
KSUN	0.084	0.039	0.032	0.129	0.052		
KGNU	0.078	0.036	0.030	0.120	0.048		
BEEF	-0.540			0.030			
PMEA		-0.600		0.030			
MUTT			-0.500				
POUL	0.080	0.020		-0.560			
EGGS					-0.400		
\$COLUMNS	MILK	BUTT	MDRY	CHES			
BARL	0.030						
MAIZ	0.018						
OCES	0.030						
KSOY	0.017						
KSUN	0.045						
KGNU	0.042						
MILK	-0.130	0.010	0.010	0.040			
BUTT		-0.500					
MDRY			-0.550				
CHES				-0.400			
\$COLUMNS	TOBA	COTT	POTA				
TOBA	-0.400						
COTT		-0.500					
POTA			-0.500				

REST OF AFRICA

STABLE	RAF00&&0000ELDBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	-0.530		0.010		0.020	0.010
BARL		-0.200	0.010	0.007	0.020	
MAIZ		0.001	-0.210	0.007	0.020	
OCES		0.001	0.010	-0.200	0.020	
RICE	0.010		0.020	0.004	-0.330	0.010
SUGA	0.020				0.030	-0.240
LENT				0.007		
CHKP				0.007		
DRYB				0.007		
KSOY			0.010			
KSUN			0.070			
KGNU			0.070			

DEMAND ELASTICITIES - MAIN MODEL

\$COLUMNS	LENT	CHKP	DRYB				
OCES			0.001				
LENT	-0.200		0.001				
CHKP		-0.200	0.001				
DRYB			-0.200				
\$COLUMNS	SOYA	SUNF	GNUT	OSOY	OSUN	OGNU	OOLI
SOYA	-0.230			0.070			
SUNF		-0.610					
GNUT			-0.610				
OSOY				-0.200			
OSUN					-0.200		
OGNU						-0.200	
OOLI							-0.200
\$COLUMNS	KSOY	KSUN	KGNU				
MAIZ			0.003				
SOYA	0.120						
KSOY	-0.170						
KSUN		-0.240					
KGNU			-0.240				
\$COLUMNS	TOBA	COTT	POTA				
TOBA	-0.200						
COTT		-0.430					
POTA			-0.200				

BANGLADESH

\$TABLE	BGD00&0000ELDBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	-0.350	0.001	0.001		0.146	
BARL	0.189	-0.600			0.200	-0.020
MAIZ	0.633		-0.600		0.005	-0.001
OCES	0.189			-0.600	0.200	-0.020
RICE	0.004				-0.500	
SUGA	-0.040	-0.001			-0.070	-0.400
OSOY	-0.033	-0.001			-0.460	
OGNU	-0.029	-1.000	-0.001	-0.290	-0.080	
OOLI	-0.029	-1.000	-0.001	-0.290	-0.080	
TOBA	-0.030					
COTT	-0.102	-0.002			-0.060	
\$COLUMNS	LENT	CHKP				
LENT	-0.600					
CHKP		-0.600				
\$COLUMNS	SOYA	GNUT	OSOY	OGNU	OOLI	
WHEA			-0.007		-0.018	
BARL			-0.050	-1.000	-1.000	
MAIZ			-0.001	-0.016	-0.675	
OCES			-0.050	-1.000	-1.000	
RICE			-0.010		-0.001	
SOYA	-0.650		0.290			
GNUT		-0.360				
OSOY			-0.400	0.003	0.141	
OGNU			0.050	-0.500	0.141	
OOLI			0.050	0.003	-0.500	
\$COLUMNS	KSOY	KGNU				
SOYA	0.310					
KSOY	-0.100					
KGNU		-0.100				
\$COLUMNS	TOBA	COTT	POTA			
WHEA		-0.007				
BARL	-0.010	-0.020				
MAIZ		-0.001				
OCES	-0.010	-0.020				
RICE		-0.010				

DEMAND ELASTICITIES - MAIN MODEL

TOBA	-0.600
COTT	-0.450
POTA	-0.600

PAKISTAN

\$TABLE	PAK00&0000ELDBT						
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA	
WHEA	-0.350	0.003	0.030	0.004	0.200		
BARL	0.260	-0.600			0.200	-0.020	
MAIZ	0.310		-0.600		0.200	-0.020	
OCES	0.260			-0.600	0.200	-0.020	
RICE	0.110	0.003	0.010	0.004	-0.500		
SUGA	-0.040	-0.001	-0.010	-0.001	-0.070	-0.400	
OSOY	-0.250	-0.005	-0.120	-0.007	-0.460		
OSUN	-0.040	-0.733	-0.020	-0.983	-0.080		
OGNU	-0.040	-0.733	-0.020	-0.983	-0.080		
OOLI	-0.040	-0.733	-0.020	-0.983	-0.080		
KSUN		0.001		0.001			
KGNU		0.001		0.001			
TOBA	-0.030			-0.001			
COTT	-0.030	-0.001		-0.001	-0.060		
\$COLUMNS	LENT	CHKP					
LENT	-0.600						
CHKP		-0.600					
\$COLUMNS	SOYA	SUNF	GNUT	OSOY	OSUN	OGNU	OOLI
WHEA				-0.010			-0.013
BARL				-0.050	-0.246	-0.237	-1.000
MAIZ				-0.050	-0.001	-0.001	-0.096
OCES				-0.050	-0.246	-0.237	-1.000
RICE				-0.010			-0.030
SOYA	-0.650			0.290			
SUNF		-0.360					
GNUT			-0.360				
OSOY				-0.400	0.002	0.002	0.128
OSUN				0.050	-0.500	0.002	0.128
OGNU				0.050	0.002	-0.500	0.128
OOLI				0.050	0.002	0.002	-0.500
\$COLUMNS	KSOY	KSUN	KGNU				
SOYA	0.310						
KSOY	-0.100						
KSUN		-0.100					
KGNU			-0.100				
\$COLUMNS	TOBA	COTT	POTA				
WHEA		-0.010					
BARL	-0.010	-0.020					
MAIZ	-0.010	-0.020					
OCES	-0.010	-0.020					
RICE		-0.010					
TOBA	-0.600						
COTT		-0.450					
POTA			-0.600				

INDIA

\$TABLE	IND00&0000ELDBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA

DEMAND ELASTICITIES - MAIN MODEL

WHEA	-0.300	0.002	0.050	0.017	0.150			
BARL	0.160	-0.600				0.200		
MAIZ	0.430		-0.600			0.200		
OCES	0.160			-0.600		0.200		
RICE	0.060	0.001		0.005	-0.500			
SUGA						-0.600		
KSUN		0.003		0.024				
KGNU		0.003		0.024				
BEEF	-0.400	-0.023	-0.100	-0.167	-0.400			
PMEA	-0.400		-0.100		-0.400			
MUTT	-0.200	-0.019	-0.050	-0.136	-0.400			
POUL	-0.100	-0.004	-0.100	-0.029	-0.100			
EGGS	-0.100	-0.003	-0.100	-0.020	-0.100			
MILK	-0.100				-0.100			
MDRY	-0.100		-0.100		-0.100			
CHES	-0.050			-0.050		-0.050		
\$COLUMNS	LENT	CHKP						
LENT	-0.600							
CHKP		-0.600						
\$COLUMNS	SOYA	SUNF	GNUT	OOSOY	OSUN	OGNU	OOLI	
SOYA	-0.380			0.100				
SUNF		-0.280						
GNUT			-0.280					
OOSOY				-0.600	0.004	0.028	0.062	
OSUN				0.010	-0.500	0.028	0.062	
OGNU				0.010	0.004	-0.500	0.062	
OOLI				0.010	0.004	0.028	-0.500	
\$COLUMNS	KSOY	KSUN	KGNU					
BARL		0.001	0.005					
OCES		0.001	0.005					
SOYA	0.230							
KSOY	-0.200	0.006	0.034					
KSUN	0.001	-0.200	0.034					
KGNU	0.001	0.006	-0.200					
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS			
WHEA	-0.050		-0.040		-0.040			
BARL	-0.040		-0.060	-0.010	-0.060			
MAIZ	-0.100		-0.080	-0.030	-0.330			
OCES	-0.040		-0.060	-0.010	-0.060			
RICE	-0.020		-0.030		-0.020			
BEEF	-0.200							
PMEA		-0.200						
MUTT			-0.500					
POUL				-0.300				
EGGS					-1.000			
MILK	0.020		0.030		0.070			
MDRY	0.160	0.010	0.010	0.060	0.180			
CHES	0.100							
\$COLUMNS	MILK	MDRY	CHES					
WHEA	-0.230							
MAIZ		-0.030						
RICE	-0.100							
BEEF	0.400	0.040						
PMEA	0.400	0.100						
MUTT	0.400							
POUL		0.050						
EGGS	0.400	0.020						
MILK	-0.140							
MDRY		-0.500						
CHES			-0.400					
\$COLUMNS	TOBA	COTT	POTA					
TOBA	-0.800							
COTT		-0.650						
POTA			-0.600					

CHINA

\$TABLE CHN00&0000ELDBT						
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	-0.100		0.005		0.020	
BARL		-0.160				
MAIZ	0.011		-0.130			
OCES				-0.160		
RICE					-0.120	
SUGA						-0.460
PMEA			0.009	0.001		
POUL		0.001	0.018	0.001		
MILK	0.080					
BUTT	0.200					
MDRY	0.100					
CHES	0.300					
\$COLUMNS	LENT	CHKP	DRYB			
LENT	-0.160					
CHKP		-0.160				
DRYB			-0.160			
\$COLUMNS	SOYA	SUNF	GNUT	OZOY	OSUN	OGNU
SOYA	-0.240			0.010		
SUNF		-0.440				
GNUT			-0.440			
OZOY				-0.080		
OSUN					-0.500	
OGNU						-0.500
OOLI						-0.500
\$COLUMNS	KSOY	KSUN	KGNU			
KSOY	0.040					
KSUN	-0.210					
KGNU		-0.320				
PMEA	0.001		0.001			
POUL	0.003	0.001	0.002			
MILK	0.002	0.001	0.001			
\$COLUMNS	BEEF	PMEA	MUTT	POUL		
WHEA		0.010				
BARL		0.080		0.010		
MAIZ		0.107		0.011		
OCES		0.080		0.010		
KSOY		0.182		0.022		
KSUN		0.278		0.034		
KGNU		0.278		0.034		
BEEF	-0.800	0.350		0.100		
PMEA		-0.400				
MUTT			-0.300			
POUL	0.070	0.120		-0.600		
\$COLUMNS	MILK	BUTT	MDRY	CHES		
KSOY	0.006					
KSUN	0.008					
KGNU	0.008					
MILK	-0.130					
BUTT		-0.500				
MDRY			-0.400			
CHES				-0.650		
\$COLUMNS	TOBA	COTT	POTA			
TOBA	-0.050					
COTT		-0.100				
POTA			-0.160			

JAPAN

\$TABLE	JAP00&&0000ELDBT						
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA	
WHEA	-0.400	0.002	0.023	0.004	0.120		
BARL	0.014	-0.550	0.101	0.014	0.037		
MAIZ	0.024	0.016	-0.500	0.030			
OCES	0.014	0.007	0.105	-0.550	0.038		
RICE	0.010			0.001	-0.270		
SUGA						-0.540	
BEEF			0.003	0.001			
PMEA			0.003	0.018	0.006		
POUL			0.008	0.044	0.016		
EGGS			0.004	0.022	0.008		
MILK			0.001	0.002	0.001		
\$COLUMNS	SOYA	SUNF	GNUT	OOSOY	OSUN	OGNU	OOLI
SOYA	-0.180			0.040			
SUNF		-0.480					
GNUT			-0.480				
OOSOY				-0.470	0.001		0.067
OSUN				0.039	-0.350		0.067
OGNU				0.039	0.001	-0.350	0.067
OOLI				0.039	0.001		-0.350
\$COLUMNS	KSOY	KSUN	KGNU				
SOYA	0.090						
KSOY	-0.350						
KSUN	0.128	-0.750					
KGNU	0.128		-0.750				
BEEF	0.001						
PMEA	0.005						
POUL	0.012						
EGGS	0.006						
MILK	0.001						
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS		
WHEA		0.020		0.020	0.020		
BARL	0.018	0.110		0.105	0.123		
MAIZ	0.020	0.093		0.088	0.103		
OCES	0.019	0.114		0.109	0.129		
KSOY	0.013	0.080		0.077	0.090		
KSUN	0.028	0.168		0.161	0.189		
KGNU	0.028	0.168		0.161	0.189		
BEEF	-1.000	0.260		0.100			
PMEA	0.320	-0.950		0.080			
MUTT			-0.350				
POUL	0.320	0.210		-1.100			-0.300
EGGS							
\$COLUMNS	MILK	BUTT	MDRY	CHES			
BARL	0.014						
MAIZ	0.010						
OCES	0.014						
KSOY	0.010						
KSUN	0.021						
KGNU	0.021						
MILK	-0.130	0.010	0.010				
BUTT		-0.540					
MDRY			-0.630				
CHES				-0.680			
\$COLUMNS	TOBA	COTT	POTA				
TOBA	-0.500						
COTT		-0.300					
POTA			-0.550				

REST OF ASIA

\$TABLE RAS00&0000ELDBT							
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA	
WHEA	-0.460	0.009	0.140	0.002	0.252		
BARL	0.048	-0.090	0.016		0.004		
MAIZ	0.132	0.003	-0.400	0.001	0.060		
OCES	0.047	0.001	0.016	-0.090	0.004		
RICE	0.009				-0.280	0.020	
SUGA	-0.010				0.200	-0.700	
LENT				0.001			
CHKP				0.001			
DRYB				0.001			
OZOY	-0.060		-0.010		-0.020		
OSUN	-0.004				0.004		
OGNU	-0.004				0.004		
OOLI	-0.004				0.004		
KSOY	0.034	0.010	0.200	0.002			
KSUN		0.011	0.050	0.003			
KGNU		0.011	0.050	0.003			
TOBA	-0.010				0.030		
COTT	-0.010				0.070		
\$COLUMNS	LENT	CHKP	DRYB				
OCES							
LENT	-0.090	0.001					
CHKP		-0.090					
DRYB		0.001	-0.090				
\$COLUMNS	SOYA	SUNF	GNUT	OZOY	OSUN	OGNU	OOLI
WHEA							-0.004
SOYA	-0.330			0.060			
SUNF		-0.640					
GNUT			-0.640				
OZOY				-0.910	0.001	0.029	0.413
OSUN				0.036	-0.790	0.029	0.413
OGNU				0.036	0.001	-0.790	0.413
OOLI				0.036	0.001	0.029	-0.790
\$COLUMNS	KSOY	KSUN	KGNU				
WHEA	0.009						
BARL	0.016		0.002				
MAIZ	0.060		0.002				
OCES	0.016		0.002				
SOYA	0.100						
KSOY	-1.000	0.005	0.023				
KSUN	0.180	-0.940	0.023				
KGNU	0.180	0.005	-0.940				
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS		
MAIZ		0.010					
KSOY		0.060		0.010			
KSUN		0.060		0.010			
KGNU		0.060		0.010			
BEEF	-0.160	0.050					
PMEA	0.020	-0.280					
MUTT			-0.020				
POUL	0.020	0.030		-0.350			
EGGS					-0.060		
\$COLUMNS	TOBA	COTT	POTA				
TOBA	-0.550						
COTT		-0.390					
POTA			-0.090				

UNITED STATES OF AMERIKA

\$TABLE	USA00&&0000ELDBT						
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA	
WHEA	-0.350	0.014	0.037	0.032			
BARL	0.068	-0.470	0.053	0.007			
MAIZ	0.013	0.004	-0.210	0.009		0.004	
OCES	0.068	0.003	0.053	-0.470			
RICE					-0.250		
SUGA			0.005			-0.240	
LENT				0.009			
CHKP				0.009			
KSOY			0.008				
BEEF	0.002	0.002	0.010	0.004			
PMEA	0.005	0.004	0.022	0.009			
POUL	0.003	0.001	0.011	0.002			
EGGS	0.004	0.004	0.020	0.009			
MILK	0.002	0.002	0.008	0.004			
\$COLUMNS	LENT	CHKP					
LENT	-0.470						
CHKP		-0.470					
\$COLUMNS	SOYA	SUNF	GNUT	OSOY	OSUN	OGNU	OOLI
SOYA	-0.480			0.130			
SUNF		-0.370					
GNUT			-0.370				
OSOY				-0.370	0.001	0.002	0.058
OSUN				0.156	-0.690	0.002	0.058
OGNU				0.156	0.001	-0.690	0.058
OOLI				0.156	0.001	0.002	-0.690
\$COLUMNS	KSOY	KSUN	KGNU				
MAIZ	0.004						
SOYA	0.300						
KSOY	-0.310	0.004	0.001				
KSUN	0.317	-0.900	0.001				
KGNU	0.317	0.004	-0.900				
BEEF	0.008						
PMEA	0.018						
POUL	0.008						
EGGS	0.017						
MILK	0.007						
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS		
WHEA	0.028	0.028		0.014	0.007		
BARL	0.098	0.113		0.015	0.038		
MAIZ	0.039	0.046		0.018	0.014		
OCES	0.099	0.114		0.015	0.038		
KSOY	0.072	0.082		0.031	0.026		
KSUN	0.140	0.160		0.060	0.050		
KGNU	0.140	0.160		0.060	0.050		
BEEF	-0.700	0.050		0.030			
PMEA	0.100	-0.860		0.030			
MUTT		0.160	-0.700				
POUL	0.080	0.040		-0.560			
EGGS					-0.350		
\$COLUMNS	MILK	BUTT	MDRY	CHES			
WHEA	0.020						
BARL	0.078						
MAIZ	0.030						
OCES	0.079						
KSOY	0.053						
KSUN	0.104						
KGNU	0.104						
MILK	-0.110	0.033		0.038			
BUTT	0.630	-0.630					

DEMAND ELASTICITIES - MAIN MODEL

MDRY		-0.650			
CHES	0.138		-0.600		
\$COLUMNS	TOBA	COTT	POTA		
TOBA	-0.200				
COTT		-0.200			
POTA			-0.470		

CANADA

\$TABLE	CAN00&0000ELDBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	-0.200	0.008	0.004	0.003		
BARL	0.024	-0.220	0.008	0.001		
MAIZ	0.008	0.007	-0.210	0.003		
OCES	0.024	0.003	0.008	-0.220		
RICE					-0.250	
SUGA						-0.240
LENT				0.003		
DRYB				0.003		
BEEF	0.007	0.004	0.004	0.001		
PMEA	0.026	0.013	0.014	0.005		
POUL	0.016	0.009	0.010	0.004		
EGGS	0.010	0.004	0.005	0.002		
MILK	0.003	0.002	0.002	0.001		
\$COLUMNS	LENT	DRYB				
LENT	-0.220					
DRYB		-0.220				
\$COLUMNS	SOYA	SUNF	GNUT	OSOY	OSUN	OGNU
SOYA	-0.470			0.120		
SUNF		-0.370				
GNUT			-0.370			
OSOY				-0.400	0.003	0.001
OSUN				0.025	-0.600	0.001
OGNU				0.025	0.003	-0.600
OOLI				0.025	0.003	0.001
-0.600						
\$COLUMNS	KSOY	KSUN				
SOYA	0.300					
KSOY	-0.400	0.003				
KSUN	0.386	-1.000				
BEEF	0.004					
PMEA	0.014					
POUL	0.009					
EGGS	0.005					
MILK	0.002					
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS	
WHEA	0.024	0.053		0.019	0.010	
BARL	0.035	0.077		0.031	0.012	
MAIZ	0.030	0.067		0.026	0.011	
OCES	0.035	0.077		0.031	0.012	
KSOY	0.048	0.106		0.038	0.019	
KSUN	0.091	0.201		0.073	0.037	
BEEF	-0.800	0.060		0.030		
PMEA	0.130	-0.860		0.030		
MUTT		0.110	-1.000			
POUL	0.090	0.400		-0.670		
EGGS					-0.300	
\$COLUMNS	MILK	BUTT	MDRY	CHES		
WHEA	0.019					
BARL	0.031					
MAIZ	0.026					
OCES	0.031					
KSOY	0.043					
KSUN	0.082					

DEMAND ELASTICITIES - MAIN MODEL

MILK	-0.110	0.010	0.020	0.030
BUTT		-0.700		
MDRY			-0.500	
CHES				-0.720
\$COLUMNS	TOBA	COTT	POTA	
TOBA	-0.200			
COTT		-0.250		
POTA			-0.220	

LATIN AMERICA

LA 00&0000ELDBT						
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	-0.360	0.001	0.085	0.006	0.090	
BARL	0.021	-0.350	0.061	0.010	0.014	
MAIZ	0.070	0.003	-0.430	0.014	0.008	
OCES	0.022	0.002	0.062	-0.350	0.015	
RICE	0.110		0.006	0.003	-0.460	
SUGA						-0.440
LENT				0.014		
CHKP				0.014		
DRYB				0.014		
SOYA						-0.040
KSOY	0.006	0.184	0.031			
KSUN	0.013	0.040	0.065			
KGNU	0.013	0.040	0.065			
BEEF	0.001	0.019	0.003			
PMEA	0.001	0.012	0.003			
MUTT	0.001	0.036	0.007			
POUL	0.002	0.047	0.008			
EGGS	0.001	0.019	0.004			
MILK		0.009	0.001			
\$COLUMNS	LENT	CHKP	DRYB			
OCES	0.001	0.001	0.001			
LENT	-0.350	0.001	0.001			
CHKP	0.001	-0.350	0.001			
DRYB	0.001	0.001	-0.350			
\$COLUMNS	SOYA	SUNF	GNUT	OZOY	OSUN	OGNU
SOYA	-0.390			0.090		
SUNF		-0.680				
GNUT			-0.680			
OZOY				-0.950	0.042	0.004
OSUN				0.156	-0.960	0.004
OGNU				0.156	0.042	-0.960
OOLI				0.156	0.042	0.004
BUTT				0.190	0.033	0.003
\$COLUMNS	KSOY	KSUN	KGNU			
BARL	0.035	0.005	0.001			
MAIZ	0.047	0.001				
OCES	0.036	0.005	0.001			
SOYA	0.210					
KSOY	-1.020	0.031	0.007			
KSUN	0.470	-1.150	0.007			
KGNU	0.470	0.031	-1.150			
MUTT		0.001				
POUL		0.001				
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS	
BARL	0.049	0.028	0.007	0.042	0.035	
MAIZ	0.063	0.031	0.008	0.055	0.039	
OCES	0.051	0.029	0.007	0.044	0.036	
KSOY	0.090	0.050	0.010	0.090	0.070	
KSUN	0.066	0.037	0.007	0.066	0.051	
KGNU	0.066	0.037	0.007	0.066	0.051	

DEMAND ELASTICITIES - MAIN MODEL

BEEF	-0.730	0.220		0.110		
PMEA	0.250	-0.960		0.160		
MUTT	0.140		-0.580			
POUL	0.310	0.180		-0.890		
EGGS					-0.440	
\$COLUMNS	MILK	BUTT	MDRY	CHES		
BARL	0.021					
MAIZ	0.031					
OCES	0.022					
OZOY		0.110				
OSUN		0.050				
OGNU		0.050				
OOLI		0.050				
KSOY	0.050					
KSUN	0.037					
KGNU	0.037					
MILK	-0.150			0.070		
BUTT		-0.620	0.080	0.050		
MDRY		0.040	-0.520	0.010		
CHES		0.020	0.010	-0.490		
\$COLUMNS	TOBA	COTT	POTA			
TOBA	-0.200					
COTT		-0.470				
POTA			-0.350			

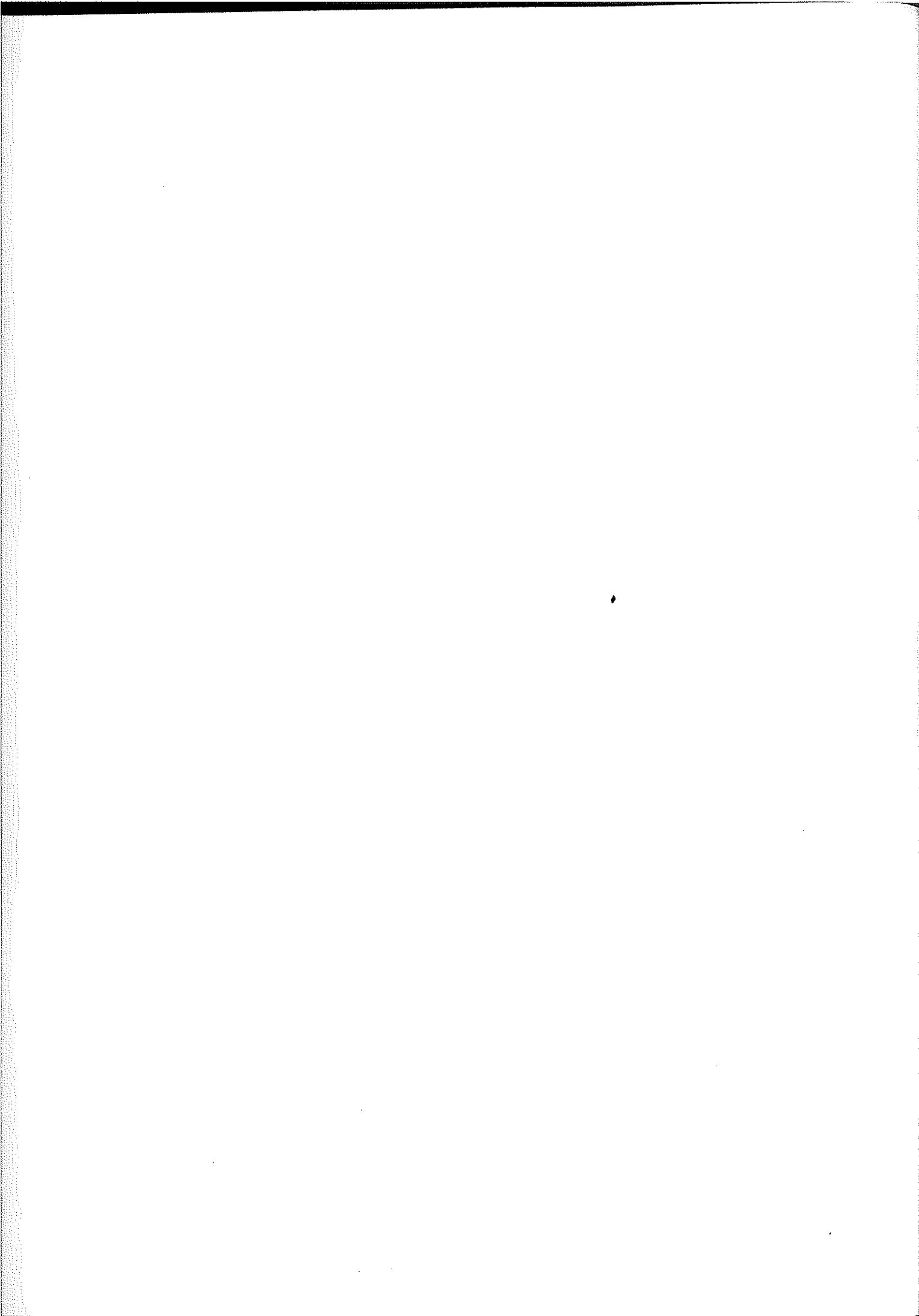
AUSTRALIA AND NEW ZEALAND

\$TABLE	ANZ00&&0000ELDBT					
\$COLUMNS	WHEA	BARL	MAIZ	OCES	RICE	SUGA
WHEA	-0.240	0.002		0.003		
BARL	0.006	-0.360	0.010	0.037		
MAIZ		0.042	-0.400	0.065		
OCES	0.006	0.026	0.011	-0.360		
RICE					-0.410	
SUGA						-0.240
LENT				0.065		
CHKP				0.065		
DRYB				0.065		
BEEF		0.001	0.001	0.002		
PMEA		0.010	0.001	0.016		
MUTT		0.002		0.004		
POUL		0.009		0.015		
MILK		0.001		0.002		
\$COLUMNS	LENT	CHKP	DRYB			
OCES	0.001	0.005				
LENT	-0.360	0.008	0.001			
CHKP	0.001	-0.360	0.001			
DRYB	0.001	0.008	-0.360			
\$COLUMNS	SOYA	SUNF	GNUT	OZOY	OSUN	OGNU
SOYA	-0.400			0.140		
SUNF		-0.470				
GNUT			-0.470			
OZOY				-0.920	0.039	0.006
OSUN				0.042	-0.650	0.006
OGNU				0.042	0.039	-0.650
OOLI				0.042	0.039	0.006
\$COLUMNS	KSOY	KSUN	KGNU			
SOYA	0.240					
KSOY	-0.590	0.019	0.006			
KSUN	0.061	-0.440	0.005			
KGNU	0.059	0.016	-0.440			
PMEA	0.003	0.001				
MUTT	0.001					

DEMAND ELASTICITIES - MAIN MODEL

POUL	0.003	0.001			
\$COLUMNS	BEEF	PMEA	MUTT	POUL	EGGS
WHEA	0.010	0.060	0.010	0.030	
SARL	0.017	0.131	0.023	0.069	
MAIZ	0.034	0.030	0.009	0.015	
OCES	0.019	0.143	0.025	0.075	
KSOY	0.026	0.175	0.039	0.090	
KSUN	0.020	0.134	0.029	0.069	
KGNU	0.019	0.131	0.029	0.068	
BEEF	-0.750		0.170		
PMEA	0.110	-0.950	0.150	0.140	
MUTT	0.310	0.280	-1.050	0.150	
POUL	0.010	0.230	0.130	-0.780	
EGGS					-0.200
\$COLUMNS	MILK	BUTT	MDRY	CHES	
WHEA	0.020				
SARL	0.045				
MAIZ	0.015				
OCES	0.049				
KSOY	0.064				
KSUN	0.049				
KGNU	0.048				
MILK	-0.200	0.039	0.036	0.068	
BUTT	0.450	-0.450			
MDRY	0.450		-0.450		
CHES	0.400			-0.400	
\$COLUMNS	TOBA	COTT	POTA		
TOBA	-0.500				
COTT		-0.200			
POTA			-0.360		
\$END					

APPENDIX B 6:
IMPORT DEMAND ELASTICITIES
FRUITS AND VEGETABLES



IMPORT DEMAND ELASTICITIES - FRUITS AND VEGETABLES

\$STANDARD

TURKEY

\$TABLE	TUR00&&0000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	-0.5			
VEGP		-0.5		
FRUF			-0.5	
FRUP				-0.5

FRANCE

\$TABLE	FRA00&&0000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	-0.42			
VEGP		-0.65		
FRUF			-0.2	
FRUP				-0.61

GERMANY (WEST)

\$TABLE	GEW00&&0000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	-0.48			
VEGP		-0.71		
FRUF			-0.30	
FRUP				-0.66

GERMANY (EAST)

\$TABLE	GEE00&&0000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	-0.48			
VEGP		-0.71		
FRUF			-0.30	
FRUP				-0.66

IMPORT DEMAND ELASTICITIES - FRUITS AND VEGETABLES

GREECE

\$TABLE	GRE00&00000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	-0.95			
VEGP		-1.23		
FRUF			-0.70	
FRUP				-1.18

ITALY

\$TABLE	ITA00&00000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	-0.63			
VEGP		-1.55		
FRUF			0.0	
FRUP				-1.85

NETHERLANDS

\$TABLE	NL 00&00000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	-0.75			
VEGP		-1.43		
FRUF			-0.30	
FRUP				-0.31

PORTUGAL

\$TABLE	PO 00&00000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	-0.95			
VEGP		-1.23		
FRUF			-0.70	
FRUP				-1.18

SPAIN

\$TABLE	SPA00&00000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP

IMPORT DEMAND ELASTICITIES - FRUITS AND VEGETABLES

VEGF	-0.95
VEGP	-1.23
FRUF	-0.70
FRUP	-1.18

UNITED KINGDOM

\$TABLE	UK 00&&0000ELDBT
\$COLUMNS	VEGF VEGP FRUF FRUP
VEGF	-0.74
VEGP	-0.09
FRUF	-0.10
FRUP	0.37

REST OF EC

\$TABLE	REC00&&0000ELDBT
\$COLUMNS	VEGF VEGP FRUF FRUP
VEGF	-1.10
VEGP	-0.40
FRUF	0.1
FRUP	-0.3

CYPRUS

\$TABLE	ZP 00&&0000ELDBT
\$COLUMNS	VEGF VEGP FRUF FRUP
VEGF	-0.5
VEGP	-0.5
FRUF	-0.5
FRUP	-0.5

REST OF WESTER EUROPE

\$TABLE	RWE00&&0000ELDBT
\$COLUMNS	VEGF VEGP FRUF FRUP
VEGF	-0.31
VEGP	-0.31
FRUF	-0.31
FRUP	-0.31

IMPORT DEMAND ELASTICITIES - FRUITS AND VEGETABLES

BULGARIA

\$TABLE	BUL00&&0000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	-0.5			
VEGP		-0.5		
FRUF			-0.5	
FRUP				-0.5

CZECHOSLOVAKIA

\$TABLE	CZE00&&0000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	-0.5			
VEGP		-0.5		
FRUF			-0.5	
FRUP				-0.5

HUNGARY

\$TABLE	HUN00&&0000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	-0.5			
VEGP		-0.5		
FRUF			-0.5	
FRUP				-0.5

POLAND

\$TABLE	POL00&&0000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	-0.5			
VEGP		-0.5		
FRUF			-0.5	
FRUP				-0.5

YUGOSLAVIA

\$TABLE	JUG00&&0000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP

IMPORT DEMAND ELASTICITIES - FRUITS AND VEGETABLES

VEGF	-0.5			
VEGP		-0.5		
FRUF			-0.5	
FRUP				-0.5

UDSSR

\$TABLE	USS00&0000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	-0.5			
VEGP		-0.5		
FRUF			-0.5	
FRUP				-0.5

JORDAN

\$TABLE	JOR00&0000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	-0.5			
VEGP		-0.5		
FRUF			-0.5	
FRUP				-0.5

LEBANON

\$TABLE	LEB00&0000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	-0.5			
VEGP		-0.5		
FRUF			-0.5	
FRUP				-0.5

SYRIA

\$TABLE	SYR00&0000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	-0.5			
VEGP		-0.5		
FRUF			-0.5	
FRUP				-0.5

REST OF NON-OILPRODUCING MIDDLE EAST

\$TABLE	NME00&&0000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	-0.5			
VEGP		-0.5		
FRUF			-0.5	
FRUP				-0.5

IRAN

\$TABLE	IRN00&&0000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	-0.5			
VEGP		-0.5		
FRUF			-0.5	
FRUP				-0.5

IRAQ

\$TABLE	IRQ00&&0000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	-0.5			
VEGP		-0.5		
FRUF			-0.5	
FRUP				-0.5

KUWAIT

\$TABLE	KUW00&&0000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	-0.5			
VEGP		-0.5		
FRUF			-0.5	
FRUP				-0.5

SAUDI ARABIA

\$TABLE SAU00&&0000ELDBT

IMPORT DEMAND ELASTICITIES - FRUITS AND VEGETABLES

\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	-0.5			
VEGP		-0.5		
FRUF			-0.5	
FRUP				-0.5

REST OF OILPRODUCING MIDDLE EAST

\$TABLE	OME00&&0000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	-0.5			
VEGP		-0.5		
FRUF			-0.5	
FRUP				-0.5

ISRAEL

\$TABLE	ISR00&&0000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	-0.5			
VEGP		-0.5		
FRUF			-0.5	
FRUP				-0.5

ALGERIA

\$TABLE	ALG00&&0000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	-0.5			
VEGP		-0.5		
FRUF			-0.5	
FRUP				-0.5

EGYPT

\$TABLE	EGY00&&0000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	-0.5			
VEGP		-0.5		
FRUF			-0.5	
FRUP				-0.5

IMPORT DEMAND ELASTICITIES - FRUITS AND VEGETABLES

LYBIA

\$TABLE	LYB00&0000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	-0.5			
VEGP		-0.5		
FRUF			-0.5	
FRUP				-0.5

MOROCCO

\$TABLE	MAR00&0000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	-0.5			
VEGP		-0.5		
FRUF			-0.5	
FRUP				-0.5

TUNISIA

\$TABLE	TUN00&0000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	-0.5			
VEGP		-0.5		
FRUF			-0.5	
FRUP				-0.5

SOUTH AFRICA

\$TABLE	SA 00&0000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	-0.86			
VEGP		-0.86		
FRUF			-0.86	
FRUP				-0.86

REST OF AFRICA

\$TABLE	RAF00&0000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP

IMPORT DEMAND ELASTICITIES - FRUITS AND VEGETABLES

VEGF	-0.5			
VEGP		-0.5		
FRUF			-0.5	
FRUP				-0.5

BANGLADESH

\$TABLE	BGD00&0000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	-0.5			
VEGP		-0.5		
FRUF			-0.5	
FRUP				-0.5

PAKISTAN

\$TABLE	PAK00&0000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	-0.5			
VEGP		-0.5		
FRUF			-0.5	
FRUP				-0.5

INDIA

\$TABLE	IND00&0000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	-0.5			
VEGP		-0.5		
FRUF			-0.5	
FRUP				-0.5

CHINA

\$TABLE	CHN00&0000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	-0.5			
VEGP		-0.5		
FRUF			-0.5	
FRUP				-0.5

JAPAN

\$TABLE	JAP00&0000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	-0.74			
VEGP		-0.74		
FRUF			-0.74	
FRUP				-0.74

REST OF ASIA

\$TABLE	RAS00&0000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	-0.5			
VEGP		-0.5		
FRUF			-0.5	
FRUP				-0.5

UNITED STATES OF AMERICA

\$TABLE	USA00&0000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	-0.8			
VEGP		-0.8		
FRUF			-0.8	
FRUP				-0.8

CANADA

\$TABLE	CAN00&0000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP
VEGF	-0.74			
VEGP		-0.74		
FRUF			-0.74	
FRUP				-0.74

LATIN AMERICA

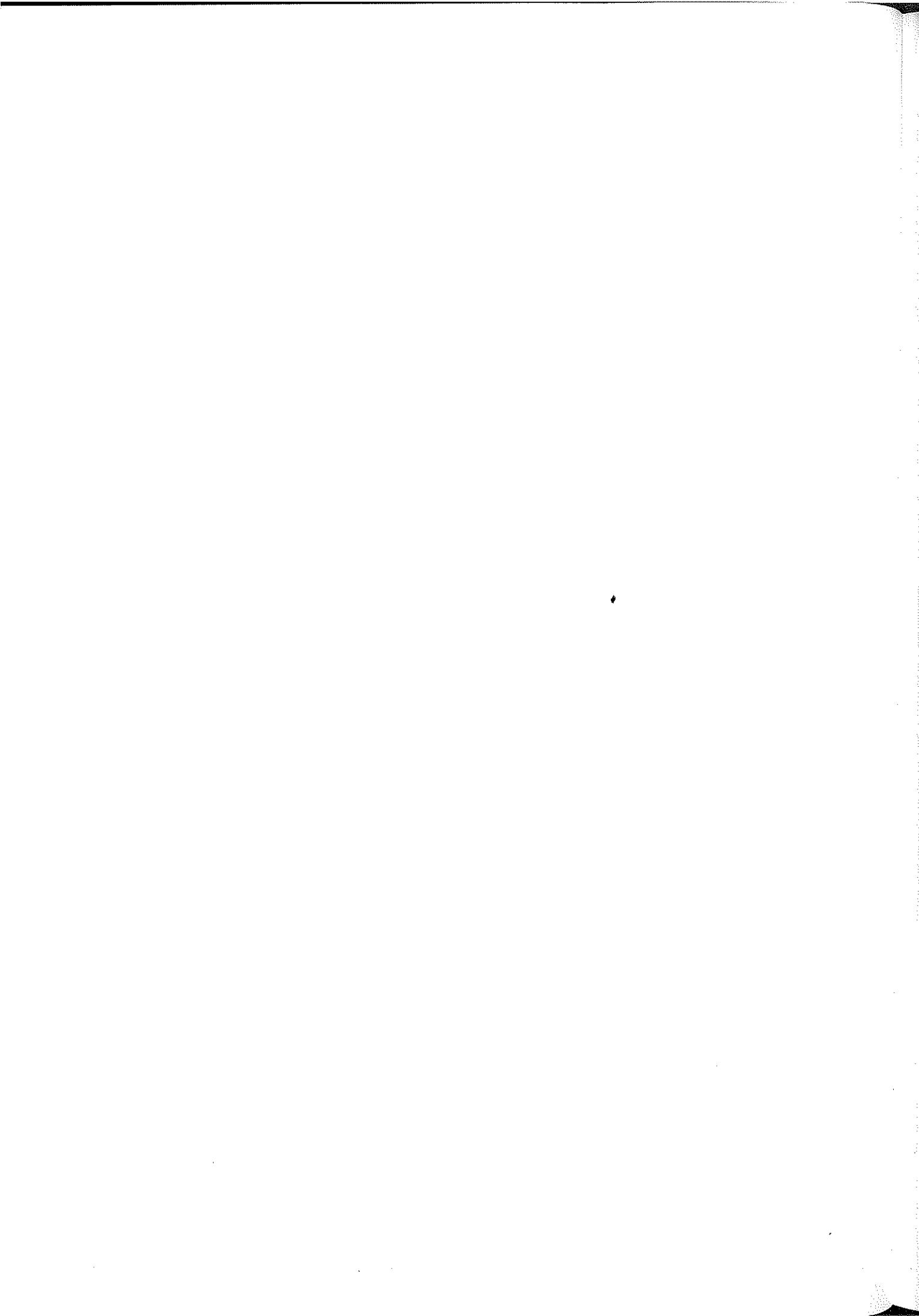
\$TABLE	LA 00&0000ELDBT			
\$COLUMNS	VEGF	VEGP	FRUF	FRUP

IMPORT DEMAND ELASTICITIES - FRUITS AND VEGETABLES

VEGF	-0.86
VEGP	-0.86
FRUF	-0.86
FRUP	-0.86

AUSTRALIA AND NEW ZEALAND

\$TABLE	ANZ00&&0000ELDBT
\$COLUMNS	VEGF VEGP PRUF FRUP
VEGF	-0.86
VEGP	-0.86
FRUF	-0.86
FRUP	-0.86
\$END	



APPENDIX B 7:

PRICE TRANSMISSION AND STOCK ELASTICITIES

ABBREVIATIONS:

TAUS	=	PRICE TRANSMISSION ELASTICITY SUPPLY
TAUD	=	PRICE TRANSMISSION ELASTICITY DEMAND
SIGS	=	STOCK ELASTICITY SUPPLY
SIGD	=	STOCK ELASTICITY DEMAND
SIGP	=	STOCK ELASTICITY PRICE