IED WORKING PAPER

Documentation of the Elasticities Underlying the Current Grains, Oilseeds, and Livestock (GOL) Model

January 21, 1980

Robert V. Bishop

International
Economics
Division

Economics, Statistics, and Cooperatives Service U.S. Department of Agriculture


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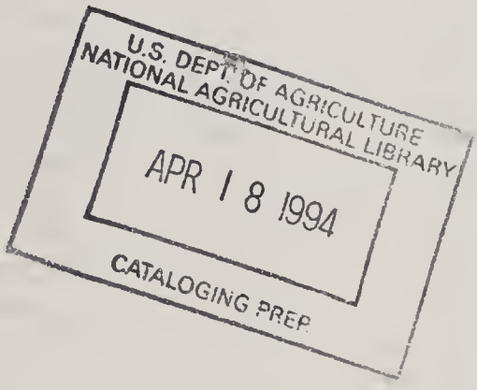


List of Tables

Section I: Demand and Supply Elasticities by GOL Region

Section II: Demand and Supply Elasticities by Commodity

Section III. Implied Base Price and Quantity Documentation

This paper presents all of the price elasticities currently contained in the World Grain, Oilseeds and Livestock (GOL) Model. The elasticities presented here differ from those listed in Alternative Futures for World Food in 1985, Volume 3 (FAER 151) since many of the intercept terms of the model's equations have been adjusted as new information has become available.

The first part of this paper describes the construction of the "synthesized coefficients" in each of the equations. The second part describes the effect of changing intercept terms on the assumed elasticities underlying the model. The demand equation for table beef in the United States is given in the model as:

$$(1)\quad USQDBT = -1.922USPDB + .9235USPTB + .3629USPDP + 2381.35 + 5982[1 + .4(.02921) + .00726]^T$$

where: PDB = demand price of beef (US),
PTB = trade price of beef (US),
PDP = demand price of pork.

The coefficients on the price variables in (1) are slope coefficients which had been "synthesized" from either estimated or assumed price elasticities. For example, the own price coefficient in (1) is -1.922, which represents the instantenous change in the quantity of table beef demanded given an instantaneous change in the demand price of beef, ceteris paribus $(\frac{\partial Q_{DBT}}{\partial P_B})$. If one assigns a value to the own price elasticity of demand for table beef, evaluated at the base price and quantity,

$$(2)\quad Ed_{BT} = \frac{\partial Q_{DBT}}{\partial P_B} \frac{P_B}{Q_{DBT}} = -.7$$

where: P_B = base 1970 price of beef,
Q_{DBT} = base 1970 quantity demanded of table beef.

The slope coefficient can be synthesized from the elasticity by multiplying the elasticity by the ratio of the base quantity of table beef to the base price of beef:

$$(3)\quad \text{Synthesized slope coefficient} = Ed_{BT} \cdot \frac{Q_{DBT}}{P_B} = \left[\frac{\partial Q_{DBT}}{\partial P_B} \cdot \frac{P_B}{Q_{DBT}}\right] \cdot \frac{Q_{DBT}}{P_B} =$$

where: Q_{DBT} and P_B are defined as above. $\frac{\partial Q_{DBT}}{\partial P_B}$

The slope coefficients for each of the price variables in every equation are determined in this fashion.

The bracketed term in (1) (along with the base quantity to which it is multiplied by) can be expressed in general notation as:

$$Q_{BASE_i} * [1 + N_i (r_y) + r_{pop}]^T$$

where: Q_{BASE_i} is the base quantity of good i,

N_i is the income elasticity of good i,

r_y is the income growth rate,

r_{pop} is the population growth rate.

Note that the power to which the bracketed term is raised is T. Since the base is centered on 1970, to solve for 1985, T is set equal to 15. To solve for the base period, T is set equal to 0. At T=0, the bracketed term to the zero power is 1 and equation (1) can be written (at T=0) as:

$$(4) \quad USQDBT = (-1.922USPDB + .9235USPTB + .3629USPDP) + a + USQDBT_{BASE}$$

Rewriting (4), letting b_i equal the ith slope coefficient and PD_i equal the ith price (in the base period):

$$(5) \quad USQDBT = \sum_{i=1}^{n} b_i PD_i + a + USQDBT_{BASE}$$

If a (the intercept term) is set equal to $-\sum_{i=1}^{n} b_i PD_i$ [as it is in the original model], at T=0 equation (5) becomes:

$$(6) \quad USQDBT = USQDBT_{BASE}$$

Therefore, solving the model for T=Ø results in a replication of the base data. This serves as a check to insure that no error was encountered either in the computations of the intercepts or in the entering of the data.

If, however, the intercept term is changed, the model would (at T=Ø) solve for some value other than the original base. Therefore, the elasticities implied at the computed base are now different. This paper documents all of the elasticities in the model as it is currently formulated. The price elasticities can be compared with those presented in FAER 151. The income

elasticities have not been altered from the values given in the original documentation (FAER 151).

These results can be generalized to any modeling system to which "constant adjustments" or "fudge factors" have been effected. Although no criticism is leveled at this practice, one must keep in mind that the underlying assumptions are being affected.

Section I describes the demand and supply elasticities in the current GOL model by region. Section II presents the elasticities broken down by commodity.

Section III gives the implied base documentation (price and quantity) both by region and commodity.

It is hoped that this paper will serve in some small way to aid in the understanding of the GOL model as currently operating as well as aid in identifying areas to which further examination is indicated.

Table I. Demand Elasticities for Meat

REGION	Elasticity with respect to Price of: BEEF	PORK	POULTRY	MUTTON
US				
BEEF	-.76	.11	.11	
PORK	.44	-.94		
POULTRY	.34	.24	-1.19	
MUTTON				
CH				
BEEF	-.68	.34	.17	
PORK	.46	-.94		
POULTRY	.35	.25	-.89	
MUTTON				
C4				
BEEF	-.72	.33	.11	
PORK	.55	-.92		
POULTRY	.41	.57	-1.23	
MUTTON	.15	.14		-.25
C3				
BEEF	-.65	.22	.09	-.21
PORK	.20	-.92		.18
POULTRY	.33	.34	-.69	
MUTTON	.10	.11	.11	-.1
WE				
BEEF	-.62	.22	.11	
PORK	.22	-.80		
POULTRY	.11	.23	-.91	
MUTTON	.15	.16		-.25
JP				
BEEF	-1.20	.26	.36	
PORK	.20	-.93		
POULTRY	.53	.18	-1.20	
MUTTON	-.41	.21	.32	-.43

REGION	BEEF	PORK	POULTRY	MUTTON
AZ				
BEEF	-.57			.22
PORK	-.23	.49		
POULTRY				
MUTTON	.44			-.85
SF				
BEEF		.11		
PORK				
POULTRY				
MUTTON				
MC				
BEEF	-.45			
PORK	.11	-.34		
POULTRY				
MUTTON				
AR				
BEEF	-.45	.35		
PORK	.22	-.45		
POULTRY				
MUTTON	.22			-.42
BZ				
BEEF	-.68			
PORK	.24	-.74		
POULTRY				
MUTTON				

Elasticity with respect to Price of:

REGION	BEEF	PORK	POULTRY	MUTTON	COARSE GRAINS	OILMEAL	MILK
US							
BEEF	.34				-.26	-.06	
PORK		.61			-.53	-.13	
POULTRY			1.11		-.81	-.27	
MUTTON							
CN							
BEEF	.46	-.12			-.26	-.06	
PORK	-.24	.75	-.25		-.55	-.13	
POULTRY	-.12	-.25	.87		-.54	-.25	
MUTTON							
C6							
BEEF	.43	-.17			-.22	-.12	.16
PORK	-.33	.80	-.34		-.44	-.25	
POULTRY	-.22	-.23	.80		-.43	-.38	
MUTTON	-.16			.31	-.16		.16
C3							
BEEF	.43	-.17			-.22	-.12	.16
PORK	-.16	.79	-.17		-.44	-.24	
POULTRY	-.22	-.23	.81		-.44	-.37	
MUTTON	-.16			.31	-.16		.15
WE							
BEEF	.43	-.17			-.21	-.12	.16
PORK	-.22	.56	-.22		-.32	-.18	
POULTRY	-.22	-.23	.68		-.33	-.31	
MUTTON	-.16			.31	-.16		.16
JP							
BEEF	.53	-.11	-.12		-.37		.24
PORK		.84	-.26		-.54	-.26	-.2
POULTRY		-.22	.83		-.5	-.36	
MUTTON							
AZ							
BEEF	.43			-.1			
PORK	-.11	.36			-.28		
POULTRY							
MUTTON				.21			
SF							
BEEF							
PORK							
POULTRY							
MUTTON							
MC							
BEEF	.43	-.11					
PORK	-.11	.35			-.48		
POULTRY							
MUTTON							
AR							
BEEF	.52						
PORK	-.11	.34			-.25		
POULTRY							
MUTTON				.21			
BZ							
BEEF	.53						
PORK	-.12	.49			-.41	-.2	
POULTRY							
MUTTON							

Elasticity with respect to Price of:

REGION	WHEAT	COARSE GRAIN	RICE
US			
WHEAT	-.28		
C_GRAIN		-.27	
RICE			-.21
CN			
WHEAT	-.05	.03	
C_GRAIN	.05	-.10	
RICE			-.34
C6			
WHEAT	-.21		
C_GRAIN		-.16	
RICE			-.24
C3			
WHEAT	-.21		
C_GRAIN		-.21	
RICE			-.18
WE			
WHEAT	-.26	.11	
C_GRAIN	.10	-.24	
RICE	.20		-.35
JP			
WHEAT	-.64		.56
C_GRAIN		-.24	
RICE	.14		-.43
AZ			
WHEAT	-.18		
C_GRAIN		-.22	
RICE			-.12
SF			
WHEAT	-.18	.12	
C_GRAIN	.04	-.10	
RICE	.13		-.25
MC			
WHEAT	-.41	.18	.11
C_GRAIN	.06	-.24	
RICE	.23	.06	-.45
AR			
WHEAT	-.14	.06	
C_GRAIN	.07	-.12	
RICE	.07		-.26
BZ			
WHEAT	-.22	.09	.08
C_GRAIN	.06	-.18	.05
RICE	.23	.02	-.21

REGION	WHEAT	COARSE GRAIN	RICE
VN			
WHEAT	-.40	.13	.12
C_GRAIN	.19	-.31	
RICE	.05		-.02
LA			
WHEAT	-.32	.19	.11
C_GRAIN	.26	-.45	
RICE	.24		-.21
NH			
WHEAT	-.31	.02	.03
C_GRAIN	.18	-.18	.09
RICE	.18	.05	-.28
NL			
WHEAT	-.26	.12	.18
C_GRAIN	.24	-.38	.15
RICE	.19	.12	-.30
EF			
WHEAT	-.37	.19	.06
C_GRAIN	.02	-.05	.01
RICE	.06	.10	-.16
ND			
WHEAT	-.49	.11	.17
C_GRAIN	.12	-.40	.12
RICE	.12	.01	-.44
OS			
WHEAT	-.34		.21
C_GRAIN	.04	-.05	.05
RICE	.23	.03	-.33
TH			
WHEAT	-.06	.01	.24
C_GRAIN		-.12	.24
RICE		.01	-.07
OE			
WHEAT	-.12		.19
C_GRAIN			
RICE	.01		-.06
DO			
WHEAT	-.71	.49	1.15
C_GRAIN	.06	-.65	.61
RICE	.05	.04	-.29
EH			
WHEAT	-.87	.11	.51
C_GRAIN	.12	-.37	.22
RICE	.20	.06	-.34
EL			
WHEAT	-.46	.25	.19
C_GRAIN	.12	-.58	.34
RICE	.07	.06	-.27

Table IV. Demand Elasticities for Grains (for Feed Use)

Elasticity with respect to Price of:

REGION	WHEAT	COARSE GRAINS	RICE	OILMEAL	BEEF	PORK	POULTRY
US							
WHEAT	-10.73	5.66					
C_GRAINS	.57	-.39		.06	.2	.13	.1
OILMEAL		.07		-.3	.01	.01	.01
TOTAL_GR							
CN							
WHEAT	5.50	-1.97		-2.47		-1.18	-3.72
C_GRAINS		-.38		.11	.35		
OILMEAL				-.99			
TOTAL_GR							
C6							
WHEAT							
C_GRAINS	.17	-.42		.19	.09	.11	.04
OILMEAL	.57	.88		-.95	.15	.18	.07
TOTAL_GR		.30		-.26	-.02	-.03	-.01
C3							
WHEAT							
C_GRAINS	.17	-.43		.19	.09	.11	.04
OILMEAL	.55	.86		-.89	.14	.18	.07
TOTAL_GR		.25		-.21	-.02	-.02	-.01
WE							
WHEAT	-.78	.47		.12			.6
C_GRAINS		-.21		.05			
OILMEAL		1.16		-.22		1	
TOTAL_GR							
JP							
WHEAT							
C_GRAINS	.69	-.37	.86	.05	.24	.07	.04
OILMEAL	.09			-.02	.1	.27	.14
TOTAL_GR							
AZ							
WHEAT	-.28						
C_GRAINS							
OILMEAL				-.36			
TOTAL_GR		.32				-.27	
SF							
WHEAT							
C_GRAINS		-.40					
OILMEAL							
TOTAL_GR							
MC							
WHEAT							
C_GRAINS		-.13				.13	
OILMEAL		.13		-.13			
TOTAL_GR							
AR							
WHEAT							
C_GRAINS		-.38				.34	
OILMEAL				-.82			
TOTAL_GR							

Table IV. Continued. Demand Elasticities for Grains (for Feed Use)

Elasticity with respect to Price of:

REGION	WHEAT	COARSE GRAINS	RICE	OILMEAL	BEEF	PORK	POULTRY
BZ							
WHEAT							
C_GRAINS	.14	-.24		.27		.28	
OILMEAL		.28		-1.14			
TOTAL_GR							
VN							
WHEAT							
C_GRAINS		-.11					
OILMEAL							
TOTAL_GR							
LA							
WHEAT							
C_GRAINS		-.75					
OILMEAL				-.62			
TOTAL_GR							
NH							
WHEAT							
C_GRAINS		-.07					
OILMEAL				-.1			
TOTAL_GR							
NL							
WHEAT							
C_GRAINS		-.12					
OILMEAL							
TOTAL_GR							
EF							
WHEAT							
C_GRAINS		-.07					
OILMEAL							
TOTAL_GR							
ND							
WHEAT							
C_GRAINS		-.35					
OILMEAL				-.26			
TOTAL_GR							
OS							
WHEAT							
C_GRAINS							
OILMEAL							
TOTAL_GR							
TH							
WHEAT							
C_GRAINS							
OILMEAL							
TOTAL_GR							
OE							
WHEAT							
C_GRAINS							
OILMEAL							
TOTAL_GR							
DO							
WHEAT							
C_GRAINS							
OILMEAL				-.3			
TOTAL_GR							
EE							
WHEAT							
C_GRAINS		-.24					
OILMEAL				-.38			
TOTAL_GR							
EL							
WHEAT							
C_GRAINS		-.06					
OILMEAL							
TOTAL_GR							

Table V. Supply Elasticities for Grains

REGION	Elasticity with respect to Price of: WHEAT	COARSE GRAINS	RICE	OILMEAL	SOYBEANS
US					
WHEAT	.04				
C_GRAINS		.09			
RICE			.10		
OILMEAL					.03
SOYBEANS					
CN					
WHEAT	.18				
C_GRAINS		.20			
RICE					
OILMEAL				.21	
SOYBEANS					
C6					
WHEAT	.42				
C_GRAINS		.49			
RICE			.32		
OILMEAL					
SOYBEANS					
C3					
WHEAT	.28				
C_GRAINS		.39			
RICE					
OILMEAL				.02	
SOYBEANS					
WE					
WHEAT	.30				
C_GRAINS		.29			
RICE			.20		
OILMEAL				.14	
SOYBEANS					
JP					
WHEAT	.38				
C_GRAINS		2.34			
RICE			.40		
OILMEAL				.11	
SOYBEANS					.3
AZ					
WHEAT	.15				
C_GRAINS		.15			
RICE			-.18		
OILMEAL				.14	
SOYBEANS					
SF					
WHEAT	.36				
C_GRAINS		.42			
RICE					
OILMEAL				.12	
SOYBEANS					

Table V. Continued. Supply Elasticities for Grains

	Elasticity with respect to Price of:				
REGION	WHEAT	COARSE GRAINS	RICE	OILMEAL	SOYBEANS
MC					
WHEAT	.22				
C_GRAINS		.08			
RICE			.10		
OILMEAL				.06	
SOYBEANS					
AR					
WHEAT	.11				
C_GRAINS		.16			
RICE			.21		
OILMEAL				.11	
SOYBEANS					
BZ					
WHEAT	.06				
C_GRAINS		.11			
RICE			.10		
OILMEAL				.02	
SOYBEANS					
WN					
WHEAT					
C_GRAINS		.16			
RICE			.12		
OILMEAL					
SOYBEANS					
LA					
WHEAT	.11				
C_GRAINS		.05			
RICE			.24		
OILMEAL				.12	
SOYBEANS					
NH					
WHEAT	.09				
C_GRAINS		.04			
RICE			.16		
OILMEAL					
SOYBEANS					
NL					
WHEAT	.13				
C_GRAINS		.05			
RICE			.17		
OILMEAL					
SOYBEANS					
EF					
WHEAT	.06				
C_GRAINS		.08			
RICE			.37		
OILMEAL					
SOYBEANS					
ND					
WHEAT	.10				
C_GRAINS		.04			
RICE			.08		
OILMEAL				.18	
SOYBEANS					

	Elasticity with respect to Price of:				
REGION	WHEAT	COARSE GRAINS	RICE	OILMEAL	SOYBEANS
OS					
WHEAT	.05				
C_GRAINS		.01			
RICE			.03		
OILMEAL					
SOYBEANS					
TH					
WHEAT					
C_GRAINS		.11			
RICE			.11		
OILMEAL					
SOYBEANS					
OE					
WHEAT					
C_GRAINS					
RICE			.17		
OILMEAL					
SOYBEANS					
DO					
WHEAT					
C_GRAINS		.07			
RICE			.11		
OILMEAL				.03	
SOYBEANS					
EH					
WHEAT	.21				
C_GRAINS		.21			
RICE			.15		
OILMEAL				.02	
SOYBEANS					
EL					
WHEAT					
C_GRAINS		.06			
RICE			.10		
OILMEAL					
SOYBEANS					

Table VI. Demand Elasticities for Dairy Products

	Elasticity with respect to Price of:		
REGION	MILK	BUTTER	CHEESE
US			
MILK	-.20		
BUTTER		-1.59	
CHEESE			-.32
CN			
MILK	-.20		
BUTTER		-1.01	
CHEESE			-.57
C6			
MILK	-.25		
BUTTER		-.78	
CHEESE			-.62
C3			
MILK	-.16		
BUTTER		-.61	
CHEESE			-.64
WE			
MILK	-.21		
BUTTER		-.56	
CHEESE			-.75
JP			
MILK	-.79		
BUTTER		-1.24	
CHEESE			-2.39
AZ			
MILK	-.20		
BUTTER		-.78	
CHEESE			-.42

Table VII. Supply Elasticities for Dairy Products

	Elasticity with respect to Price of:					
REGION	MILK	CHEESE	BUTTER	BEEF	COARSE GRAIN	OILMEAL
US						
MILK	.68			-.17	-.6	-.4
CHEESE		.86	-1.18			
CN						
MILK	.36				-.57	-.27
CHEESE		.71	-.79			
C6						
MILK	.40				-.57	-.39
CHEESE						
C3						
MILK	.37				-.22	-.12
CHEESE						
WE						
MILK	.32				-.37	-.12
CHEESE		.53				
JP						
MILK	.90				-.28	-.32
CHEESE						
AZ						
MILK	.53				-.24	
CHEESE		1.71	-2.05			

Table VIII. Area Elasticities

Elasticity with respect to Price of:

REGION	WHEAT	COARSE GRAINS	SOYBEANS	RICE	OILMEAL
US					
HAT	.67	1.42	.55		
HAW	2.08	-1.43	-.51		
HAC	-.73	1.90	-.80		
HAR				.82	
HAK	1.15	-4.96	4.31		
CN					
HAT	.72				
HAW	.52	-.38	-.13		
HAC	-.65	.62	-.16		
HAR					
HAK	-.17	-.24	.89		
C6					
HAT		.11			
HAW	.79	-.82			
HAC	-.67	.69			
HAR				.15	
HAK					
C3					
HAT		.17			
HAW	.68	-.63			
HAC	-.19	.18			
HAR					
HAK					
WE					
HAT		.21			
HAW	.26	-.26			
HAC	-.19	.19			-.01
HAR				.18	
HAK	.12				
JP					
HAT				.1	
HAW					
HAC					
HAR			-.02	.02	
HAK					
AZ					
HAT	.92				
HAW	.38	-.39			
HAC	-.61	.63			
HAR				.11	
HAK					.26

Elasticity with respect to Price of:

REGION	WHEAT	COARSE GRAINS	SOYBEANS	RICE	OILMEAL
SF					
HAT		.28			
HAW	.41				
HAC		.42			-.42
HAR					
HAK					
MC					
HAT		.23			
HAW	.51	-.28			-.08
HAC	-.02	.04			-.02
HAR				.15	
HAK	-.27	-.58			.59
AR					
HAT		.16			
HAW	.42	-.29			
HAC	-.25	.32			-.17
HAR				.26	
HAK	-.17	-.29			.48
BZ					
HAT	.24				.23
HAW	.81	-1.01			
HAC	-.12	.35			-.22
HAR		-.13		.24	
HAK		-.28			.41
WN					
HAT		.11			
HAW					
HAC		.16			
HAR		-.57		.41	
HAK					
LA					
HAT	.21				
HAW	.21	.05			
HAC	-.11	.05			-.03
HAR		-.11		.24	
HAK		-.06			.23
NH					
HAT	.18				
HAW	.13	-.04		-.04	
HAC	-.18	.05			
HAR				.58	
HAK					
NL					
HAT	.07				
HAW	.19	-.07			
HAC	-.20	.08			
HAR				.26	
HAK					
EF					
HAT		.19			
HAW	.12				
HAC		.12			
HAR				.52	
HAK					
ND					
HAT	.03			.03	
HAW	.37	-.14		-.25	
HAC	-.06	.19		-.11	-.08
HAR		-.11		.26	
HAK	-.06	-.13		-.09	.22

Table VIII. Continued. Area Elasticities

	Elasticity with respect to Price of:				
REGION	WHEAT	COARSE GRAINS	SOYBEANS	RICE	OILMEAL
OS					
HAT	.06			.02	
HAW	.08	-.01		-.04	
HAC	-.13	.04			
HAR				.03	
HAK					
TH					
HAT		.17		.23	
HAW					
HAC		.11			
HAR				.06	
HAK					
CE					
HAT					
HAW					
HAC					
HAR				.17	
HAK					
DO					
HAT				.22	
HAW					
HAC		.16			-.12
HAR		-.03		.22	
HAK		-.15			.37
EH					
HAT				.21	
HAW	.26			-.2	
HAC		.31		-.26	
HAR	-.01	-.10		.2	
HAK		-.19		-.26	.29
EL					
HAT				.2	
HAW					
HAC		.12		-.13	
HAR		-.07		.08	
HAK					

Table LX. Commodity: Wheat (Human) Demand

Elasticity with Respect to Price of:

Region	Wheat	Coarse Grains	Price
US	-.28		
CN	-.05	.03	
C6	-.21		
C3	-.21		
WE	-.26	.11	
JP	-.64		.56
AZ	-.18		
SF	-.18	.12	
MC	-.41	.18	.11
AR	-.14	.06	
BZ	-.22	.09	.08
VN	-.40	.13	.12
LA	-.32	.19	.11
NH	-.31	.02	.03
NL	-.26	.12	.18
EF	-.37	.19	.06
ND	-.49	.11	.17
OS	-.34		.21
TH	-.06	.01	.24
OE	-.12		.19
DO	-.71	.49	1.15
EH	-.87	.11	.51
EL	-.46	.25	.19

Table X. Commodity: Wheat (Feed) Demand

Elasticity with Respect to Price of:

Region	Wheat	Coarse Grains	Oilmeal	Pork	Poultry
US	-10.73	5.66			
CN	5.50	-1.97	-2.47	-1.18	-3.72
ME	-.78	.47	.12		.60
AZ	-.28				

Table XI. Commodity: Wheat Supplied

Elasticity with Respect to Price of:

Region	Wheat
US	.04
CN	.18
C6	.42
C3	.28
WE	.30
JP	.38
AZ	.15
SF	.36
MC	.22
AR	.11
BZ	.06
LA	.11
NH	.09
NL	.13
EF	.06
ND	.10
OS	.05
EH	.21

Table XII. Commodity: Coarse Grains (Human) Demand

Elasticity with Respect to Price of:

Region	Coarse Grains	Wheat	Price
US	-.27		
CN	-.10	.05	
C6	-.16		
C3	-.21		
WE	-.24	.10	
JP	-.24		
AZ	-.22		
SF	-.10	.04	
MC	-.24	.06	
AR	-.12	.07	
BZ	-.18	.06	.05
VN	-.31	.19	
LA	-.45	.26	
NH	-.18	.18	.09
NL	-.38	.24	.15
EF	-.05	.02	.01
ND	-.40	.12	.12
OS	-.05	.04	.03
TH	-.12		.04
OE			
DO	-.65	.06	.61
EH	-.37	.12	.22
EL	-.58	.12	.34
CF			

Table XIII. Commodity: Coarse Grains (Feed) Demand

Elasticity with Respect to Price of:

Region	Coarse Grains	Wheat	Oilmeal	Beef	Pork	Poultry	Rice
US	-.39	.57	.06	.20	.13	.10	
CN	-.38		.11	.35			
C6	-.42	.17	.19	.09	.11	.04	
C3	-.43	.17	.19	.09	.11	.04	
WE	-.21		.05				
JP	-.37	.69	.05	.24	.07	.04	.86
SF	-.40						
MC	-.13				.13		
AR	-.38				.34		
BZ	-.24	.14	.27		.28		
VN	-.11						
LA	-.75						
NH	-.07						
NL	-.12						
EF	-.07						
ND	-.35						
EH	-.24						
EL	-.06						

Table XIV. Commodity: Coarse Grains Supplied

Elasticity with Respect to Price of:

Region	Coarse Grains
US	.09
CN	.20
C6	.49
C3	.39
WE	.29
JP	2.34
AZ	.15
SF	.42
MC	.08
AR	.16
BZ	.11
VN	.16
LA	.05
NH	.04
NL	.05
EF	.08
ND	.04
OS	.01
TH	.11
DO	.07
EH	.21
EL	.06

Table XV. Commodity: Rice Demand

Elasticity with Respect to Price of:

Region	Rice	Wheat	Coarse Grains
US	-.21		
CN	-.34		
C6	-.24		
C3	-.18		
WE	-.35	.20	
JP	-.40	.14	
AZ	-.12		
SF	-.23	.13	
MC	-.43	.23	.06
AR	-.26	.07	
BZ	-.21	.23	.02
VN	-.02	.05	
LA	-.21	.24	
NH	-.20	.18	.05
NL	-.30	.19	.12
EF	-.16	.06	.10
ND	-.44	.12	.01
OS	-.33	.23	.03
TH	-.07		.01
OE	-.06	.01	
DO	-.29	+.05	+.04
EH	-.34	.20	.06
EL	-.27	.07	.06

Table XVI. Commodity: Rice Supplied

Elasticity with Respect to Price of:

Region	Rice
US	.10
C6	.32
WE	.20
JP	.40
AZ	-.18
MC	.10
AR	.21
BZ	.10
VN	.12
LA	.24
NH	.16
NL	.17
EF	.37
ND	.08
OS	.03
TH	.11
OE	.17
DO	.11
EH	.15
EL	.10

Table XVII. Commodity: Oilmeal (Feed) Demand

Elasticity with Respect to Price of:

Region	Oilmeal	Coarse Grains	Beef	Pork	Poultry	Wheat
US	-.30	.07	.01	.01	.01	
CN	-.99					
C6	-.95	.88	.15	.18	.07	.57
C3	-.89	.86	.14	.18	.07	.55
WE	-.22	1.16		1.00		
JP	-.02		.10	.27	.14	.09
AZ	-.36					
MC	-.13	.13				
AR	-.82					
BZ	-1.14	.28				
LA	-.62					
NH	-.10					
ND	-.26					
DO	-.30					
EH	-.38					

Table XVIII Commodity: Oilmeal Supplied

Elasticity with Respect to Price of:

Region	Oilmeal	Soybeans
US	-	.03
CN	.21	
C3	.02	
WE	.14	
JP	.11	
AZ	.14	
SF	.12	
MC	.06	
AR	.11	
BZ	.02	
LA	.12	
ND	.18	
DO	.03	
EH	.02	

Table XIX. Commodity: Total Grains (Feed) Demand

Elasticity with Respect to Price of:

Region	Total Grains	Coarse Grains	Oilmeal	Beef	Pork	Poultry
C6		.30	-.26	-.02	-.03	-.01
C3		.25	-.21	-.02	-.02	-.01
AZ		.32			-.27	
US	-10.73					

Table XX. Commodity: Total Area

Elasticity with Respect to Price of:

Region	Wheat	Coarse Grains	Soybeans	Rice	Oilmeal
US	.67	1.42	.55		
CN	.72				
C6		.11			
C3		.17			
WE		.21			
JP				.10	
AZ	.92				
SF		.28			
MC		.23			
AR		.16			
BZ	.24				.23
VN		.11			
LA	.21				
NH	.18				
NL	.07				
EF		.19			
ND	.03			.03	
OS	.06			.02	
TH		.17		.23	
DO				.22	
EH				.21	
EL				.20	

Table XXI. Commodity: H.A. Wheat

Elasticity with Respect to Price of:

Region	Wheat	Coarse Grains	Soybeans	Rice	Oilmeal
US	2.08	-1.43	-.51		
CN	.52	-.38	-.13		
C6	.79	-.82			
C3	.68	-.63			
WE	.26	-.26			
AZ	.38	-.39			
SF	.41				
MC	.51	-.28			-.08
AR	.42	-.29			
BZ	.81	-1.01			
LA	.21	.05			
NH	.13	-.04		-.04	
NL	.19	-.07			
EF	.12				
ND	.37	-.14		-.25	
OS	.08	-.01		-.04	
EH	.26			-.20	

Table XXII. Commodity: H.A. Coarse Grains

Elasticity with Respect to Price of:

Region	Coarse Grains	Wheat	Soybeans	Oilmeal	Rice
US	1.90	-.73	-.80		
CN	.62	-.65	-.16		
C6	.69	-.67			
C3	.18	-.19			
WE	.19	-.19		-.01	
AZ	.63	-.61			
SF	.42			-.42	
MC	.04	-.02		-.02	
AR	.32	-.25		-.17	
BZ	.35	-.12		-.22	
VN	.16				
LA	.05	-.11		-.03	
NH	.05	-.18			
NL	.08	-.20			
EF	.12				
ND	.19	-.06		-.08	-.11
OS	.04	-.13			
TH	.11				
DO	.16			-.15	
EH	.31			-.12	-.26
EL	.12				-.13

Table XXIII. Commodity: H.A. Rice

Elasticity with Respect to Price of:

Region	Rice	Soybeans	Coarse Grains	Wheat	Oilmeal
US	.82				
C6	.15				
WE	.18				
JP	.02	-.02			
AZ	.11				
MC	.15				
AR	.26				
BZ	.24		-.13		
VN	.41		-.57		
LA	.24		-.11		
NH	.58			-.21	
NL	.26			-.02	
EF	.52				
ND	.26		-.11	-.06	
OS	.03			-.02	
TH	.06				
OE	.17				
DO	.22		-.03		
EH	.20		-.10	-.02	-.01
EL	.08		-.07		

Table XXIV. Commodity: H.A. Oilmeal

Elasticity with Respect to Price of:

Region	Wheat	Coarse Grains	Soybeans	Oilmeal	Rice
US	1.15	-4.96	4.31		
CN	-.17	-.24	.89		
WE	.12				
AZ				.26	
MC	-.27	-.58		.59	
AR	-.17	-.29		.48	
BZ		-.28		.41	
LA		-.06		.23	
ND	-.06	-.13		.22	-.09
DO		-.15		.37	
EH		-.19		.29	-.26

Table XXV. Commodity: Beef Demand

Elasticity with Respect to Price of:

Region		Beef	Pork	Poultry	Mutton
US	T	-.76 .22	.11		
	P	.43 -.88	.11	.11	
CN		-.65	.34	.17	
C6		-.72	.33	.11	
C3		-.65	.22	.09	-.21
WE		-.62	.22	.11	
JP		-1.20	.26	.36	
AZ		-.57			.22
MC		-.45	.11		
AR		-.43			
BZ		-.68	.33		

Table XXVI.Commodity: Beef Supplied

Elasticity with Respect to Price of:

Region	Beef	Coarse Grains	Oilmeal	Pork	Milk (Total)	Poultry	Mutton
US	.34	-.26	-.06				
CN	.46	-.26	-.06	-.12			
C6	.43	-.22	-.12	-.17	.16		
C3	.43	-.22	-.12	-.17	.16		
WE	.43	-.21	-.12	-.17	.16		
JP	.53	-.37		-.11	.24	-.12	
AZ	.43						-.10
MC	.43			-.11			
AR	.52						
BZ	.53						

Table XXVII Commodity: Pork Demand

Elasticity with Respect to Price of:

Region	Pork	Beef	Poultry	Mutton
US	-.94	.44	.12	
CN	-.84	.46	.18	
C6	-.92	.55	.14	
C3	-.92	.20	.23	.18
WE	-.80	.22	.23	
JP	-.93	.20	.12	
AZ	.48	-.23		
MC	-.34	.11		
AR	-.45	.22		
BZ	-.74	.24		

Table XXVIII. Commodity: Pork Supplied

Region	Elasticity with Respect to Price of: Pork	Coarse Grains	Oilmeal	Beef	Poultry	Milk
US	.61	-.53	-.13			
CN	.75	-.53	-.13	-.24	-.25	
C6	.80	-.44	-.25	-.33	-.34	
C3	.79	-.44	-.24	-.16	-.17	
WE	.56	-.31	-.18	-.22	-.22	
JP	.84	-.54	-.26		-.26	-.20
AZ	+.36	-.13		-.11		
MC	.35	-.13		-.11		
AR	.34	-.13		-.11		
BC	.49	-.21	-.20	-.12		

Table XXIX Commodity: Poultry Demand

Elasticity with Respect to Price of:

Region	Poultry	Beef	Pork
US	-1.18	.34	.24
CN	-.99	.35	.25
C6	-1.23	.41	.57
C3	-.69	.33	.34
WE	-.91	.11	.23
JP	-1.20	.53	.18

Table XXX. Commodity: Poultry Supply

Elasticity with Respect to Price of:

Region	Poultry	Coarse Grains	Oilmeal	Beef	Pork
US	1.11	-.81	-.27		
CN	.87	-.54	-.25	-.12	-.25
C6	.80	-.43	-.38	-.22	-.23
C3	.81	-.44	-.37	-.22	-.23
WE	.68	-.33	-.31	-.22	-.23
JP	.83	-.50	-.36		-.22

Table XXXI. Commodity: Mutton Demand

Elasticity with Respect to Price of:

Region	Mutton	Beef	Pork	Poultry
C6	-.25	.15	.16	
C3	-.10	.10	.11	.11
WE	-.25	.15	.16	
JP	-.43	-.41	.21	.32
AZ	-.85	.44		
AR	-.42	.22		

Table XXXII. Commodity: Mutton Supply

Region	Elasticity with Respect to Price of: Mutton	Beef	Milk	Coarse Grains
C6	.31	-.16	.16	-.16
C3	.31	-.16	.15	-.16
WE	.31	-.16	.16	-.16
AZ	.31			
AR	.21			

Table XXXIII Commodity: Milk Demand

Elasticity with Respect to Price of:

Region	Milk
US	-.2
CN	-.2
C6	-.25
C3	-.16
WE	-.21
JP	-.79
AZ	-.20

Table XXXIV. Commodity: Milk Supply

Elasticity with Respect to Price of:

Region	Milk	Beef	Coarse Grains	Oilmeal
US	.68	-.17	-.60	-.40
CN	.36		-.57	-.27
C6	.40		-.57	-.39
C3	.37		-.22	-.12
WE	.32		-.37	-.12
JP	.90		-.28	-.32
AZ	.53		-.24	

Table XXXV. Commodity: Cheese Demand

Elasticity with Respect to Price of:

Region	Cheese
US	-.32
CN	-.57
C6	-.62
C3	-.64
WE	-.75
JP	-2.39
AZ	-.42

Table XXXVI. Commodity: Cheese Supply

Elasticity with Respect to Price of:

Region	Cheese	Butter
US	.86	-1.18
CN	.71	-.79
WE	.53	
AZ	1.71	-2.05

Table XXXVII. Commodity: Butter Demand

Elasticity with Respect to Price of:

Region	Butter
US	-1.59
CN	-1.01
C6	-.78
C3	-.61
WE	-.56
JP	-1.24
AZ	-.78

Table XXVII. Implied Base 1970 Price Data by Region

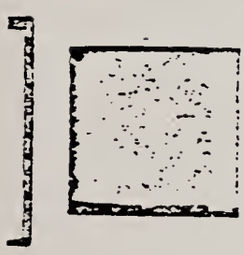
Price variables by region and commodity in the implied 1970 base (setting T=0 and solving the model) are offered here. Prices are in local currency (unless otherwise noted) and represent real 1970 price per metric ton for each commodity. The conversion factor implied for those prices not reported in local currency is a 1970 average foreign exchange rate.

REGION AND COMMODITY	VARIABLE*	UNITS	CURRENCY**
United States			
Beef	PDB	2301.52	US$
	PSB	739.58	US$
	PTB	1392.52	US$
Pork	PDP	1814.20	US$
	PSP	539.68	US$
	PTP	1738.20	US$
Poultry	PDZ	1049.07	US$
	PSZ	730.07	US$
Butter	PDLB	2264.04	US$
	PSLB	139.01	US$
Milk	PDLM	133.75	US$
	PSL	135.39	US$
Cheese	PDLC	1311.23	US$
	PSLC	115.29	US$
	PTLC	1602.46	US$
Wheat	PDW	74.96	US$
	PTW	76.69	US$
C. Grain	PDC	66.40	US$
	PTC	70.72	US$
Rice	PDR	540.23	US$
	PTR	202.16	US$
Oilmeal	PDK	106.22	US$
	PTK	119.37	US$
Soybeans	PTS	135.97	US$

Beef	PDB	747.28	CAN
	PSB	747.28	CAN
	PTB	747.28	CAN
Pork	PDP	796.52	CAN
	PSP	796.52	CAN
	PTP	796.52	CAN
Poultry	PDZ	512.24	CAN
	PSZ	512.24	CAN
Butter	PDLB	1702.90	CAN
	PSLB	117.12	CAN
	PTLB	1364.03	CAN
Milk	PDLM	142.27	CAN
	PSL	127.90	CAN
Cheese	PDLC	1240.23	CAN
	PSLC	112.79	CAN
	PTLC	1441.40	CAN
Wheat	PDW	81.29	CAN
	PSW	67.18	USS
	PTW	81.29	CAN
C. Grains	PDC	66.03	CAN
	PSC	59.90	USS
	PTC	66.43	USS
Rice	PDR	258.23	CAN
	PTR	258.23	CAN
Oilmeal	PDK	139.70	CAN
	PSK	122.37	CAN
	PTK	139.70	CAN

Beef	PDB	1306.83	UA
	PSB	815.68	UA
	PTB	862.28	UA
Pork	PDP	970.10	UA
	PSP	823.68	UA
	PTP	694.87	UA
Poultry	PDZ	769.76	UA
	PSZ	539.53	UA
Mutton	PDV	1000.60	UA
	PSV	1000.60	UA
	PTV	721.84	UA
Butter	PDLB	1860.58	UA
Milk	PDLM	108.00	UA
	PSL	108.00	UA
Cheese	PDLC	1483.50	UA
Wheat	PDW	102.74	UA
	PSW	99.44	UA
	PTW	83.16	UA
C. Grains	PDC	96.09	UA
	PSC	79.67	UA
	PTC	75.45	UA
Rice	PDR	277.33	UA
	PSR	123.17	UA
	PTR	179.73	UA
Oilmeal	PDK	123.04	UA
	PTK	123.04	UA

Beef	PDB	896.83	UA
	PSB	896.83	UA
Pork	PDP	923.10	UA
	PSP	923.10	UA
Poultry	PDZ	627.95	UA
	PSZ	627.95	UA
Mutton	PDV	726.61	UA
	PSV	726.61	UA
Butter	PDLB	983.58	UA
Milk	PDLM	103.00	UA
	PSL	100.00	UA
Cheese	PDLC	839.50	UA
Wheat	PDW	74.89	UA
	PSW	78.25	UA
C. Grains	PDC	65.41	UA
	PSC	73.12	UA
Rice	PDR	109.33	UA
	PDK	128.04	UA
Oilmeal	PSK	128.04	UA



Other Western Europe

Beef	PDB	1306.83	UA
	PSB	815.68	UA
Pork	PDP	970.10	UA
	PSP	823.68	UA
Poultry	PDZ	757.62	UA
	PSZ	531.03	UA
Mutton	PDV	1000.61	UA
	PSV	1000.61	UA
Butter	PDLB	1922.93	DE
	PTLB	1922.93	DE
Milk	PDLM	219.02	DE
	PSL	126.46	DE
Cheese	PDLC	1706.46	DE
	PSLC	1706.46	DE
	PTLC	1765.46	DE
Wheat	PDW	106.58	DE
	PSW	100.15	DE
C. Grains	PDC	83.19	DE
	PSC	95.76	DE
Rice	PDR	187.23	DE
	PSR	128.23	DE
	PTR	187.23	DE
Oilmeal	PDK	128.04	DE
	PSK	128.04	DE

Japan

Beef	PDB	1401.89	YTH
	PSB	434.73	YTH
	PTB	1010.81	US$
Pork	PDP	957.46	YTH
	PSP	282.57	YTH
	PTP	1322.09	US$
Poultry	PDZ	795.15	YTH
	PSZ	216.61	YTH
Mutton	PDV	160.95	YTH
	PTV	449.84	US$
Butter	PDLB	886.12	YTH
	PTLB	1325.93	US$
Milk	PDLM	140.61	YTH
	PSL	57.30	YTH
Cheese	PDLC	685.26	YTH
	PTLC	819.46	&S$
Wheat	PDW	43.00	YTH
	PSW	65.02	YTH
	PTW	83.73	US$
C. Grains	PDC	30.01	YTH
	PSC	70.91	YTH
	PTC	82.80	US$
Rice	PDR	321.29	YTH
	PSR	337.98	YTH
Oilmeal	PDK	59.52	YTH
	PSK	59.52	YTH
	PTK	166.46	US$
Soybeans	PDS	47.62	YTH
	PSS	47.62	YTH

Australia-New Zealand

Beef	PDB	656.51	AD
	PSB	656.51	AD
	PTB	1142.52	US$
Pork	PDP	633.03	AD
	PSP	633.03	AD
Mutton	PDV	389.42	AD
	PSV	389.42	AD
	PTV	434.14	US$
Butter	PDLB	1645.23	AD
	PSLB	70.16	AD
	PTLB	1335.93	US$
Milk	PDLM	97.59	AD
	PSL	62.26	AD
Cheese	PDLC	849.78	AD
	PSLC	61.04	AD
	PTLC	824.46	US$
Wheat	PDW	64.29	AD
	PSW	62.58	AD
	PTW	73.12	US$
C. Grains	PDC	45.79	AD
	PSC	45.79	AD
	PTC	54.00	US$
Rice	PDR	170.63	AD
	PSR	57.79	AD
	PTR	190.22	US$
Oilmeal	PDK	150.00	AD
	PSK	150.00	AD
	PTK	133.07	US$

South Africa

Wheat	FDW	122.97	DE
	PSW	113.48	DE
	PTW	79.79	DE
C. Grains	FDC	72.06	DE
	PSC	65.68	DE
	PTC	71.84	DE
Rice	PTR	208.23	DE
Oilmeal	PTK	111.07	DE

Middle America

Beef	FDB	812.28	DE
	PSB	812.28	DE
	PTB	812.28	DE
Pork	FDP	1060.52	DE
	PSP	1060.52	DE
	PTP	1060.52	DE
Wheat	FDW	135.76	DE
	PSW	91.07	DE
	PTW	85.98	DE
C. Grains	FDC	101.42	DE
	PSC	78.14	DE
	PTC	90.23	DE
Rice	FDR	253.23	DE
	PSR	325.23	DE
	PTR	253.23	DE
Oilmeal	FDK	165.18	DE
	PSK	165.18	DE
	PTK	165.18	DE

Argentina

Beef	FDB	2567.88	NP
	PSB	1181.44	NP
	PTB	1203.52	US$
Pork	FDP	1513.47	NP
	PSP	1513.47	NP
Mutton	FDV	1786.39	NP
	PSV	1786.39	NP
	PTV	476.37	US$
Wheat	FDW	245.53	NP
	PSW	245.53	NP
	PTW	76.63	US$
C. Grains	FDC	280.15	NP
	PSC	280.15	NP
	PTC	75.14	US$
Rice	FDR	465.60	NP
	PSR	343.60	NP
	PTR	124.16	US$
Oilmeal	FDK	322.00	NP
	PSK	322.00	NP
	PTK	85.87	US$

Brazil

Beef	PDB	694.28	DE
	PSB	694.28	DE
	PTB	694.28	DE
Pork	PDP	758.48	DE
	PSP	758.48	DE
Wheat	PDW	115.89	DE
	PSW	118.05	DE
	PTW	90.72	DE
C. Grains	PDC	65.24	DE
	PSC	50.57	DE
	PTC	72.58	DE
Rice	PDR	229.23	DE
	PSR	115.23	DE
	PTR	136.23	DE
Oilmeal	PDK	104.77	DE
	PSK	89.23	DE
	PTK	104.77	DE

Venezuela

Wheat	PDW	81.60	DE
C. Grains	PDC	76.64	DE
	PSC	86.73	DE
	PTC	80.55	DE
Rice	PDR	198.92	DE
	PSR	164.76	DE
	PTR	147.23	DE

Other South America

Wheat	PDW	89.47	DE
	PSW	117.87	DE
	PTW	88.29	DE
C. Grains	PDC	71.57	DE
	PSC	80.79	DE
	PTC	73.93	DE
Rice	PDR	267.23	DE
	PSR	205.66	DE
	PTR	267.23	DE
Oilmeal	PDK	116.68	DE
	PSK	116.68	DE
	PTK	116.68	DE

High Income North Africa and Middle East			
Wheat	PDW	120.74	DE
	PSW	109.61	DE
	PTW	87.59	DE
C. Grains	PDC	98.74	DE
	PSC	85.64	DE
	PTC	77.92	DE
Rice	PDR	239.23	DE
	PSR	112.62	DE
	PTR	239.23	DE
Oilmeal	PDK	129.37	DE
	PTK	129.37	DE
Low Income North Africa and Middle East			
Wheat	PDW	82.13	DE
	PSW	96.09	DE
	PTW	80.86	DE
C. Grains	PDC	76.79	DE
	PSC	78.25	DE
	PTC	74.19	DE
Rice	PDR	150.23	DE
	PTR	156.23	DE
East Africa			
Wheat	PDW	103.05	DE
	PSW	88.81	DE
	PTW	104.89	DE
C. Grains	PDC	65.39	DE
	PSC	60.30	DE
	PTC	67.19	DE
Rice	PDR	83.64	DE
	PSR	83.64	DE
	PTR	223.23	DE

Rice	PDR	150.23	DE
	PSR	80.62	DE
	PTR	147.23	DE
	PTK	111.57	DE

India

Wheat	PDW	92.52	DE
	PSW	113.97	DE
	PTW	91.93	DE
C. Grains	PDC	70.79	DE
	PSC	70.79	DE
	PTC	83.16	DE
Rice	PDR	105.09	DE
	PSR	93.74	DE
	PTR	185.68	DE
Oilmeal	PDK	105.41	DE
	PSK	105.41	DE
	PTK	105.41	DE

Other South Asia

Wheat	PDW	119.57	DE
	PSW	108.09	DE
	PTW	91.93	DE
C. Grains	PDC	101.94	DE
	PSC	101.94	DE
	PTC	83.16	DE
Rice	PDR	138.09	DE
	PSR	98.09	DE
	PTR	145.23	DE

Wheat	PDW	92.30	DE
	PTW	92.30	DE
C. Grains	PDC	69.87	DE
	PSC	69.87	DE
	PTC	72.75	DE
Rice	PDR	105.68	DE
	PSR	100.18	DE
	PTR	178.23	DE

Other Southeast Asia

Wheat	PTW	88.29	DE
Rice	PDR	126.23	DE
	PSR	57.62	DE
	PTR	129.23	DE

Indonesia

Wheat	PDW	107.82	DE
	PTW	107.82	DE
C. Grains	PDC	74.36	DE
	PSC	86.34	DE
	PTC	72.76	DE
Rice	PDR	186.23	DE
	PSR	186.23	DE
	PTR	190.78	DE
Oilmeal	PDK	76.72	DE
	PSK	76.72	DE
	PTK	76.72	DE

High-Income East Asia

Wheat	PDW	107.45	DE
	PSW	202.85	DE
	PTW	85.58	DE
C. Grains	PDC	84.21	DE
	PSC	199.50	DE
	PTC	81.84	DE
Rice	PDR	227.62	DE
	PSR	188.66	DE
	PTR	179.23	DE
Oilmeal	PDK	129.58	DE
	PSK	129.58	DE
	PTK	129.58	DE

Low-Income East Asia

Wheat	PTW	81.64	DE
C. Grains	PDC	75.12	DE
	PSC	78.31	DE
	PTC	76.10	DE
Rice	PSR	90.23	DE
	PTR	144.23	DE

NOTES:

* Price variable code: See appendix I for interpretation of code.

** Currency: US$ is US dollars; CAN is Canadian dollars; UA is the EC unit of account; DE is dollar equivalent; AD is Australian dollars; YTH is thousands of Japanese yen; NP is Argentine new Pesos.

BEEF AND VEAL PRICES

REGION	CURRENCY	DEMAND PRICE	SUPPLY PRICE	VARIABLE LEVY	TRADE PRICE
		- - - REGIONAL CURRENCY - - -			DOLLAR EQUIV
UNITED STATES	US DOLLAR	2301.52	739.28	0.0	1392.52
CANADA	CANADIAN DOLLAR	747.28	747.28	0.0	747.28
EURO SIX	EC UNIT OF ACCT	1306.83	815.68	235.54	862.28
EURO THREE	EC UNIT OF ACCT	896.83	896.83	0.0	0.0
OTHER W EUROPE	DOLLAR EQUIV	1306.83	815.68	0.0	0.0
JAPAN	THOUSAND YEN	1401.89	434.73	0.0	1010.81
AUST-N ZEALAND	AUST DOLLAR	656.51	656.51	0.0	1142.52
EAST EUROPE	DOLLAR EQUIV	0.0	0.0	0.0	0.0
SOVIET UNION	DOLLAR EQUIV	0.0	0.0	0.0	0.0
MIDDLE AMERICA	DOLLAR EQUIV	812.28	812.28	0.0	812.28
BRAZIL	DOLLAR EQUIV	694.28	694.28	0.0	694.28
ARGENTINA	ARGENTINE PESOS	2567.88	1181.44	0.0	1203.52
REST OF WORLD	DOLLAR EQUIV	0.0	0.0	0.0	0.0

SELECTED TRADE PRICES FOR THE BASE PERIOD ARE PRESENTED BELOW IN 1970 DOLLARS OR EQUILAVENT FOR COMPARATIVE PURPOSES. FULL DOCUMENTATION APPEARS IN THE SPECIFICATION OF THE BASE SHOWN IN ALTERNATIVE FUTURES FOR WORLD FOOD IN 1985 VOL 3. PRICE DIFFERENCES BETWEEN REGIONS MAY REFLECT QUALITY DIFFERENCES AS WELL AS TRANSPORTATION AND MARKETING CONSIDERATIONS.

UNITED STATES; $1,289; 3-YEAR AVERAGE 1969-71; CHICAGO; FROZEN BEEF, IMPORTED, 90 PERCENT LEAN.

EURO THREE; $843, 3-YEAR AVERAGE 1969-71; EQUIVALENT TO SUPPLY PRICE, LIVERPOOL, WHOLESALE PRICE FOR SIDES, BULLOCKS, AND HEIFERS (ROUGHLY COMPARABLE TO U.S. GOOD).

AUST & N.ZEALAND; $1039; 3-YEAR AVERAGE 1969-71; EXPORT UNIT VALUE TO U.S., BONELESS, CHILLED, OR FROZEN.

ARGENTINA; $285.60; 3-YEAR AVERAGE 1969-71; EQUIVALENT TO DEMAND PRICE, BUENOS AIRES, STEERS, LIVEWEIGHT, JUNTA NACIONAL DE CARNES. THE PROJECTED TRADE PRICE FOR 1985 IS FOR BONELESS FROZEN, COMPARABLE TO AUST-N ZEALAND PRICE WITH TAX DIFFERENTIAL. 1969-1971 WERE TRANSITION YEARS FOR ARGENTINA.

REGION	CURRENCY	DEMAND PRICE	SUPPLY PRICE	VARIABLE LEVY	TRADE PRICE
		- - - REGIONAL CURRENCY - - -			DOLLAR EQUIV
UNITED STATES	US DOLLAR	1814.20	539.68	0.0	1738.20
CANADA	CANADIAN DOLLAR	796.52	796.52	0.0	796.52
EURO SIX	EC UNIT OF ACCT	970.10	823.68	275.23	694.87
EURO THREE	EC UNIT OF ACCT	923.10	923.10	0.0	0.0
OTHER - EUROPE	DOLLAR EQUIV	970.10	823.68	0.0	0.0
JAPAN	THOUSAND YEN	957.46	282.57	0.0	1322.09
AUST-N ZEALAND	AUST DOLLAR	633.03	633.03	0.0	0.0
EAST EUROPE	DOLLAR EQUIV	0.0	0.0	0.0	0.0
CHINA	DOLLAR EQUIV	0.0	0.0	0.0	0.0
MIDDLE AMERICA	DOLLAR EQUIV	1060.52	1060.52	0.0	1060.52
BRAZIL	DOLLAR EQUIV	758.48	758.48	0.0	0.0
ARGENTINA	ARGENTINE PESOS	1513.47	1513.47	0.0	0.0
REST OF WORLD	DOLLAR EQUIV	0.0	0.0	0.0	0.0

SELECTED TRADE PRICES FOR THE BASE PERIOD ARE PRESENTED BELOW IN 1970 DOLLARS OR EQUILAVENT FOR COMPARATIVE PURPOSES. FULL DOCUMENTATION APPEARS IN THE SPECIFICATION OF THE BASE SHOWN IN ALTERNATIVE FUTURES FOR WORLD FOOD IN 1985 VOL 3. PRICE DIFFERENCES BETWEEN REGIONS MAY REFLECT QUALITY DIFFERENCES AS WELL AS TRANSPORTATION AND MARKETING CONSIDERATIONS.

UNITED STATES: $1,564) 3-YEAR AVERAGE 1969-71) UNIT VALUE, HAMS, SHOULDERS, CANNED, IMPORTED, AVERAGE U.S.

EURO SIX: $596) 3-YEAR AVERAGE 1969-71) EQUIVALENT TO DEMAND PRICE MINUS VARIABLE LEVY, WEST GERMANY, PURCHASE PRICE OF SLAUGHTER HALVES (PORK SIDES, CARCASS).

EURO THREE: $636) 3-YEAR AVERAGE 1969-71) EQUIVALENT TO DEMAND PRICE, LONDON (SMITHFIELD), IMPORTED DANISH BACON.

EQUILIBRIUM PRICES

REGION	CURRENCY	DEMAND PRICE	SUPPLY PRICE	VARIABLE LEVY	TRADE PRICE
		- - - REGIONAL CURRENCY - - -			DOLLAR EQUIV
UNITED STATES	US DOLLAR	1049.07	730.07	0.0	0.0
CANADA	CANADIAN DOLLAR	512.24	512.24	0.0	0.0
EURO SIX	EC UNIT OF ACCT	769.76	539.53	0.0	0.0
EURO THREE	EC UNIT OF ACCT	627.95	627.95	0.0	0.0
OTHER W EUROPE	DOLLAR EQUIV	757.62	531.03	0.0	0.0
JAPAN	THOUSAND YEN	795.15	216.61	0.0	0.0
AUST-N ZEALAND	AUST DOLLAR	0.0	0.0	0.0	0.0

SELECTED SUPPLY PRICES FOR THE BASE PERIOD ARE PRESENTED BELOW IN 1970 DOLLARS OR LOCAL CURRENCIES FOR COMPARATIVE PURPOSES. FULL DOCUMENTATION APPEARS IN THE SPECIFICATION OF THE BASE SHOWN IN ALTERNATIVE FUTURES FOR WORLD FOOD IN 1985 VOL 3.

UNITED STATES; $0.33; 3-YEAR AVERAGE 1969-71; COMPOSITE OF GRADE A BROILERS AND FROZEN READY-TO-COOK TURKEYS.
EURO SIX; UA 490; 3-YEAR AVERAGE 1969-71; BELGIUM-DEYNZE MARKET, CHICKENS FOR ROASTING, LIVE-WEIGHT.
EURO THREE; UA 560; 3-YEAR AVERAGE 1969-71; BIRMINGHAM, BRISTOL, LONDON AND MANCHESTER MARKET AVERAGE, BROILERS, GOOD QUALITY, WHOLESALE SLAUGHTER.

REGION	CURRENCY	DEMAND PRICE	SUPPLY PRICE	VARIABLE LEVY	TRADE PRICE
		- - - REGIONAL CURRENCY - - -			DOLLAR EQUIV
UNITED STATES	US DOLLAR	0.0	0.0	0.0	0.0
EURO SIX	EC UNIT OF ACCT	1000.61	1000.61	0.0	721.84
EURO THREE	EC UNIT OF ACCT	726.61	726.61	0.0	0.0
OTHER W EUROPE	DOLLAR EQUIV	1000.61	1000.61	0.0	0.0
JAPAN	THOUSAND YEN	160.95	0.0	0.0	449.84
AUST-N ZEALAND	AUST DOLLAR	389.42	389.42	0.0	438.14
ARGENTINA	ARGENTINE PESOS	1786.39	1786.39	0.0	476.37
REST OF WORLD	DOLLAR EQUIV	0.0	0.0	0.0	0.0

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EURO THREE SUPPLY: UA 698; 3-YEAR AVERAGE 1969-71; LONDON (SMITHFIELD), NEW ZEALAND, FROZEN CARCASS, WHOLESALE.
JAPAN TRADE: $4261; 3-YEAR AVERAGE 1969-71; UNIT VALUES OF IMPORTS.
AUST & N.ZEALAND: $410.30; 3-YEAR AVERAGE 1969-71; EQUIVALENT TO SUPPLY PRICE, SYDNEY (HOMEBUSH), LAMB, 29-36 LB., FIRST AND SECOND EXPORT QUALITY, DRESSED WEIGHT BASIS.

WHEAT PRICES

REGION	CURRENCY	DEMAND PRICE	SUPPLY PRICE	VARIABLE LEVY	TRADE PRICE
		- - - REGIONAL CURRENCY - - -			DOLLAR EQUIV
UNITED STATES	US DOLLAR	74.96	0.0	0.0	74.69
CANADA	CANADIAN DOLLAR	81.29	67.66	0.0	81.29
EURO SIX	EC UNIT OF ACCT	102.74	99.44	41.41	83.16
EURO THREE	EC UNIT OF ACCT	74.89	78.25	0.0	0.0
OTHER W EUROPE	DOLLAR EQUIV	106.58	100.15	0.0	0.0
SOUTH AFRICA	DOLLAR EQUIV	122.97	113.48	0.0	79.79
JAPAN	THOUSAND YEN	43.00	65.02	0.0	83.73
AUSTRALIA ZEALAND	AUST DOLLAR	64.29	62.58	0.0	73.12
EAST EUROPE	DOLLAR EQUIV	0.0	0.0	0.0	0.0
SOVIET UNION	DOLLAR EQUIV	0.0	0.0	0.0	0.0
CHINA	DOLLAR EQUIV	0.0	0.0	0.0	0.0
INDONESIA	DOLLAR EQUIV	107.82	0.0	0.0	107.82
EAST ASIA HIGH	DOLLAR EQUIV	107.45	202.85	0.0	85.58
EAST ASIA LOW	DOLLAR EQUIV	0.0	0.0	0.0	81.64
THAILAND	DOLLAR EQUIV	92.30	0.0	0.0	92.30
OTHER SE ASIA	DOLLAR EQUIV	0.0	0.0	0.0	88.29
INDIA	DOLLAR EQUIV	92.52	113.97	0.0	91.93
OTHER S. ASIA	DOLLAR EQUIV	119.57	108.09	0.0	91.93
N.AF.-M.EST HIGH	DOLLAR EQUIV	120.74	109.61	0.0	87.59
N.AF.-M.EST LOW	DOLLAR EQUIV	82.13	96.09	0.0	80.96
CENTRAL AFRICA	DOLLAR EQUIV	0.0	0.0	0.0	0.0
EAST AFRICA	DOLLAR EQUIV	103.05	88.81	0.0	104.89
MIDDLE AMERICA	DOLLAR EQUIV	135.74	91.07	0.0	85.98
VENEZUELA	DOLLAR EQUIV	81.60	0.0	0.0	0.0
BRAZIL	DOLLAR EQUIV	115.89	118.05	0.0	90.72
ARGENTINA	ARGENTINE PESOS	245.53	245.53	0.0	76.63
OTHER S AMERICA	DOLLAR EQUIV	89.47	117.87	0.0	86.29

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UNITED STATES($58.73) 3-YEAR AVERAGE 1969-70,71-72; U.S. GULF PORTS, NO. 2 HARD RED WINTER, ORDINARY PROTEIN.
CANADA($63.33) 3-YEAR AVERAGE 1969-70,71-72; CANADIAN WHEAT BOARD QUOTA, NO. 1-2.
EURO SIX($65.28) 3-YEAR AVERAGE 1969-70,71-72; C.I.F. ROTTERDAM, ALL CLASSES WHEAT.
JAPAN($65.77) 3-YEAR AVERAGE 1969-70,71-72; C.I.F. YOKAHAMA, U.S. WESTERN WHITE.
AUSTRALIA,ZEALAND($55.16) 3-YEAR AVERAGE 1969-70,71-72; F.A.O. AUSTRALIAN WHEAT BOARD.

COARSE GRAINS PRICES

REGION	CURRENCY	DEMAND PRICE	SUPPLY PRICE	VARIABLE LEVY	TRADE PRICE
		- - - REGIONAL CURRENCY - - -			DOLLAR EQUIV
UNITED STATES	US DOLLAR	66.40	0.0	0.0	70.72
CANADA	CANADIAN DOLLAR	66.63	59.99	0.0	66.63
EURO SIX	EC UNIT OF ACCT	96.09	79.67	26.27	75.45
EURO THREE	EC UNIT OF ACCT	65.41	73.12	0.0	0.0
OTHER W EUROPE	DOLLAR EQUIV	83.19	95.76	0.0	0.0
SOUTH AFRICA	DOLLAR EQUIV	72.06	65.68	0.0	71.84
JAPAN	THOUSAND YEN	30.01	70.91	0.0	82.80
AUSTRALASIA	AUST DOLLAR	45.79	45.79	0.0	54.00
EAST EUROPE	DOLLAR EQUIV	0.0	0.0	0.0	0.0
SOVIET UNION	DOLLAR EQUIV	0.0	0.0	0.0	0.0
CHINA	DOLLAR EQUIV	0.0	0.0	0.0	0.0
INDONESIA	DOLLAR EQUIV	74.36	86.34	0.0	72.76
EAST ASIA HIGH	DOLLAR EQUIV	84.21	199.50	0.0	81.84
EAST ASIA LOW	DOLLAR EQUIV	75.12	78.31	0.0	76.10
THAILAND	DOLLAR EQUIV	69.87	69.58	0.0	72.75
OTHER SE ASIA	DOLLAR EQUIV	0.0	0.0	0.0	0.0
INDIA	DOLLAR EQUIV	70.79	70.79	0.0	83.16
OTHER S. ASIA	DOLLAR EQUIV	101.94	101.94	0.0	83.16
N.AF.-M.EST HIGH	DOLLAR EQUIV	98.74	85.64	0.0	77.92
N.AF.-M.EST LOW	DOLLAR EQUIV	76.79	78.25	0.0	74.19
CENTRAL AFRICA	DOLLAR EQUIV	0.0	0.0	0.0	0.0
EAST AFRICA	DOLLAR EQUIV	65.39	60.30	0.0	67.19
MIDDLE AMERICA	DOLLAR EQUIV	101.42	78.14	0.0	90.23
VENEZUELA	DOLLAR EQUIV	76.64	86.73	0.0	80.55
BRAZIL	DOLLAR EQUIV	65.24	50.57	0.0	72.58
ARGENTINA	ARGENTINE PESOS	280.15	280.15	0.0	75.14
OTHER S AMERICA	DOLLAR EQUIV	71.57	60.79	0.0	73.93

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UNITED STATES $57.08; 3-YEAR AVERAGE 1969-71,71-72; U.S. GULF PORTS, NO. 2 YELLOW CORN.
EURO SIX $61.81; 3-YEAR AVERAGE 1969-71,71-72; C.I.F. ROTTERDAM, NO. 2 YELLOW CORN.
JAPAN $69.10; 3-YEAR AVERAGE 1969-71,71-72; C.I.F. YOKAHAMA, NO. 2 YELLOW CORN.

REGION	CURRENCY	DEMAND PRICE	SUPPLY PRICE	VARIABLE LEVY	TRADE PRICE
		- - - REGIONAL CURRENCY - - -			DOLLAR EQUIV
UNITED STATES	US DOLLAR	106.22	0.0	0.0	119.37-
CANADA	CANADIAN DOLLAR	139.70	122.37	0.0	139.70-
EURO SIX	EC UNIT OF ACCT	123.04	0.0	0.0	123.04-
EURO THREE	EC UNIT OF ACCT	120.04	120.04	0.0	0.0
OTHER W EUROPE	DOLLAR EQUIV	120.04	120.04	0.0	0.0
SOUTH AFRICA	DOLLAR EQUIV	0.0	0.0	0.0	111.07-
JAPAN	THOUSAND YEN	59.52	59.52	0.0	164.46-
AUST-N ZEALAND	AUST DOLLAR	150.00	150.00	0.0	133.07-
EAST EUROPE	DOLLAR EQUIV	0.0	0.0	0.0	0.0
SOVIET UNION	DOLLAR EQUIV	0.0	0.0	0.0	0.0
CHINA	DOLLAR EQUIV	0.0	0.0	0.0	0.0
INDONESIA	DOLLAR EQUIV	76.72	76.72	0.0	76.72-
EAST ASIA HIGH	DOLLAR EQUIV	129.58	129.58	0.0	129.58-
EAST ASIA LOW	DOLLAR EQUIV	0.0	0.0	0.0	76.72-
INDIA	DOLLAR EQUIV	105.41	105.41	0.0	105.41-
N.AF.-M.EST HIGH	DOLLAR EQUIV	129.37	0.0	0.0	129.37-
CENTRAL AFRICA	DOLLAR EQUIV	0.0	0.0	0.0	111.57-
MIDDLE AMERICA	DOLLAR EQUIV	165.18	165.18	0.0	165.18-
BRAZIL	DOLLAR EQUIV	104.77	89.23	0.0	104.77-
ARGENTINA	ARGENTINE PESOS	322.00	322.00	0.0	85.87-
OTHER S AMERICA	DOLLAR EQUIV	116.68	116.68	0.0	116.68-

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UNITED STATES: $98.30; 3-YEAR AVERAGE 1969-71; EQUIVALENT TO DEMAND PRICE, DECATUR, SOYBEAN MEAL, 44 PERCENT PROTEIN, PLUS FOB EXPORT MARGIN.

EURO SIX: $101.97; 3-YEAR AVERAGE 1969-71; CIF EUROPEAN PORTS, U.S. BULK, 44 PERCENT PROTEIN.

JAPAN: $145.39; 3-YEAR AVERAGE 1969-71; WHOLESALE SOYBEAN PRICE PAID BY EIGHT MANUFACTURERS.

RICE PRICES

REGION	CURRENCY	DEMAND PRICE	SUPPLY PRICE	VARIABLE LEVY	TRADE PRICE
		- - - REGIONAL CURRENCY - - -			DOLLAR EQUIV
UNITED STATES	US DOLLAR	540.23	0.0	0.0	202.16/
CANADA	CANADIAN DOLLAR	258.23	0.0	0.0	258.23/
EURO SIX	EC UNIT OF ACCT	277.33	123.17	94.96	179.73/
EURO THREE	EC UNIT OF ACCT	169.33	0.0	0.0	0.0
OTHER W EUROPE	DOLLAR EQUIV	187.23	128.23	0.0	187.23/
SOUTH AFRICA	DOLLAR EQUIV	0.0	0.0	0.0	208.23/
JAPAN	THOUSAND YEN	321.29	337.98	0.0	0.0
AUSTRALIA ZEALAND	AUST DOLLAR	170.63	57.79	0.0	190.22/
EAST EUROPE	DOLLAR EQUIV	0.0	0.0	0.0	0.0
SOVIET UNION	DOLLAR EQUIV	0.0	0.0	0.0	0.0
CHINA	DOLLAR EQUIV	0.0	0.0	0.0	0.0
INDONESIA	DOLLAR EQUIV	186.23	186.23	0.0	190.76/
EAST ASIA HIGH	DOLLAR EQUIV	227.62	188.66	0.0	179.23/
EAST ASIA LOW	DOLLAR EQUIV	0.0	90.23	0.0	144.23/
THAILAND	DOLLAR EQUIV	105.68	100.18	0.0	178.23/
OTHER SE ASIA	DOLLAR EQUIV	126.23	57.62	0.0	129.23/
INDIA	DOLLAR EQUIV	105.09	93.74	0.0	185.68/
OTHER S. ASIA	DOLLAR EQUIV	138.09	98.09	0.0	145.23/
N.AF.-M.EST HIGH	DOLLAR EQUIV	239.23	112.62	0.0	239.23/
N.AF.-M.EST LOW	DOLLAR EQUIV	150.23	0.0	0.0	156.23/
CENTRAL AFRICA	DOLLAR EQUIV	150.23	80.62	0.0	147.23/
EAST AFRICA	DOLLAR EQUIV	83.68	83.64	0.0	223.23/
MIDDLE AMERICA	DOLLAR EQUIV	253.23	325.23	0.0	253.23/
VENEZUELA	DOLLAR EQUIV	198.92	164.76	0.0	147.23/
BRAZIL	DOLLAR EQUIV	279.23	115.23	0.0	136.23/
ARGENTINA	ARGENTINE PESOS	465.60	343.60	0.0	124.16/
OTHER S AMERICA	DOLLAR EQUIV	267.23	205.66	0.0	267.23/

SELECTED TRADE PRICES FOR THE BASE PERIOD ARE PRESENTED BELOW IN 1970 DOLLARS OR EQUILAVENT FOR COMPARATIVE PURPOSES. FULL DOCUMENTATION APPEARS IN THE SPECIFICATION OF THE BASE SHOWN IN ALTERNATIVE FUTURES FOR WORLD FOOD IN 1985 VOL 3. PRICE DIFFERENCES BETWEEN REGIONS MAY REFLECT QUALITY DIFFERENCES AS WELL AS TRANSPORTATION AND MARKETING CONSIDERATIONS.

UNITED STATES $176.98; 3-YEAR AVERAGE 1969-70,71-72; F.O.B. MILLS, U.S. #2.
EURO SIX $134.50; 3-YEAR AVERAGE 1969-70,71-72; C.I.F. NORTH SEA PORTS, LONG GRAIN MILLED.
THAILAND $153.00; 3-YEAR AVERAGE 1970-72, F.O.B. BANGKOK, 5% BROKEN POLISHED.

EGGS PRICES

REGION	CURRENCY	DEMAND PRICE	SUPPLY PRICE	VARIABLE LEVY	TRADE PRICE
		- - - REGIONAL CURRENCY - - -			DOLLAR EQUIV
UNITED STATES	US DOLLAR	0.0	0.0	0.0	0.0
CANADA	CANADIAN DOLLAR	0.0	0.0	0.0	0.0
EURO SIX	EC UNIT OF ACCT	0.0	0.0	0.0	0.0
EURO THREE	EC UNIT OF ACCT	0.0	0.0	0.0	0.0
JAPAN	THOUSAND YEN	0.0	0.0	0.0	0.0
AUST-N ZEALAND	AUST DOLLAR	0.0	0.0	0.0	0.0

CHEESE PRICES

REGION	CURRENCY	DEMAND PRICE	SUPPLY PRICE	VARIABLE LEVY	TRADE PRICE
		- - - REGIONAL CURRENCY - - -			DOLLAR EQUIV
UNITED STATES	US DOLLAR	1311.23	115.29	0.0	1602.46
CANADA	CANADIAN DOLLAR	1249.23	112.79	0.0	1441.46
EURO SIX	EC UNIT OF ACCT	1483.50	0.0	0.0	0.0
EURO THREE	EC UNIT OF ACCT	839.50	0.0	0.0	0.0
OTHER W EUROPE	DOLLAR EQUIV	1706.46	1706.46	0.0	1765.46
JAPAN	THOUSAND YEN	665.26	0.0	0.0	819.46
AUST-N ZEALAND	AUST DOLLAR	849.78	61.04	0.0	824.46

SELECTED TRADE PRICES FOR THE BASE PERIOD ARE PRESENTED BELOW IN 1970 DOLLARS OR EQUILAVENT FOR COMPARATIVE PURPOSES. FULL DOCUMENTATION APPEARS IN THE SPECIFICATION OF THE BASE SHOWN IN ALTERNATIVE FUTURES FOR WORLD FOOD IN 1985 VOL 3. PRICE DIFFERENCES BETWEEN REGIONS MAY REFLECT QUALITY DIFFERENCES AS WELL AS TRANSPORTATION AND MARKETING CONSIDERATIONS.

OTHER WESTERN EUROPE: $1,555; 3-YEAR AVERAGE 1969-71; SWITZERLAND, WHOLESALE PRICE.

BUTTER PRICES

REGION	CURRENCY	DEMAND PRICE	SUPPLY PRICE	VARIABLE LEVY	TRADE PRICE
		- - - REGIONAL CURRENCY - - -			DOLLAR EQUIV
UNITED STATES	US DOLLAR	2264.04	139.91	0.0	0.0
CANADA	CANADIAN DOLLAR	1762.96	117.12	0.0	1364.93
EURO SIX	EC UNIT OF ACCT	1060.58	0.0	0.0	0.0
EURO THREE	EC UNIT OF ACCT	983.58	0.0	0.0	0.0
OTHER W EUROPE	DOLLAR EQUIV	1922.93	0.0	0.0	1922.93
JAPAN	THOUSAND YEN	886.12	0.0	0.0	1325.93
AUST-N ZEALAND	AUST DOLLAR	1642.23	70.16	0.0	1335.93
REST OF WORLD	DOLLAR EQUIV	0.0	0.0	0.0	0.0

SELECTED TRADE PRICES FOR THE BASE PERIOD ARE PRESENTED BELOW IN 1970 DOLLARS OR EQUIVALENT FOR COMPARATIVE PURPOSES. FULL DOCUMENTATION APPEARS IN THE SPECIFICATION OF THE BASE SHOWN IN ALTERNATIVE FUTURES FOR WORLD FOOD IN 1985 IN VOL 3. PRICE DIFFERENCES BETWEEN REGIONS MAY REFLECT QUALITY DIFFERENCES AS WELL AS TRANSPORTATION AND MARKETING CONSIDERATIONS.

OTHER WESTERN EUROPE $1,785] 3-YEAR AVERAGE 1969-71] FINLAND, WHOLESALE PRICE.
AUST & N.ZEALAND $698] 3-YEAR AVERAGE 1969-71] NEW ZEALAND, EXPORT UNIT VALUE.

REGION	CURRENCY	DEMAND PRICE	SUPPLY PRICE	VARIABLE LEVY	TRADE PRICE
		- - - REGIONAL CURRENCY - - -			DOLLAR EQUIV
UNITED STATES	US DOLLAR	133.75	0.0	0.0	0.0
CANADA	CANADIAN DOLLAR	142.27	0.0	0.0	0.0
EURO SIX	EC UNIT OF ACCT	106.00	0.0	0.0	0.0
EURO INNER	EC UNIT OF ACCT	103.00	0.0	0.0	0.0
OTHER W EUROPE	DOLLAR EQUIV	219.02	0.0	0.0	0.0
JAPAN	THOUSAND YEN	140.61	0.0	0.0	0.0
AUST-N ZEALAND	AUST DOLLAR	97.59	0.0	0.0	0.0

SELECTED DEMAND PRICES FOR THE BASE PERIOD ARE PRESENTED IN 1970 DOLLARS OR LOCAL CURRENCIES FOR COMPARATIVE PURPOSES. FULL DOCUMENTATION APPEARS IN THE SPECIFICATION OF THE BASE SHOWN IN ALTERNATIVE FUTURES FOR WORLD FOOD IN 1985 VOL 3.

UNITED STATES: $133.75; 3-YEAR AVERAGE 1969-71; AVERAGE PRICE FOR MILK ELIGIBLE FOR FLUID USE (GRADE A).
EURO SIX: UA 103; 3-YEAR AVERAGE 1968-69,70-71; EC TARGET PRICE FOR 3.7 PERCENT BUTTERFAT, DELIVERED.
AUST & N.ZEALAND: AUST. $97.59; 3-YEAR AVERAGE 1969-71; UNIT WHOLESALE (GROSS) VALUE FOR FLUID MILK.

MILK PRODUCTS PRICES

REGION	CURRENCY	DEMAND PRICE	SUPPLY PRICE	VARIABLE LEVY	TRADE PRICE
		- - - REGIONAL CURRENCY - - -			DOLLAR EQUIV
UNITED STATES	US DOLLAR	0.0	135.39	0.0	0.0
CANADA	CANADIAN DOLLAR	0.0	127.80	0.0	0.0
EURO SIX	EC UNIT OF ACCT	0.0	108.00	0.0	0.0
EURO THREE	EC UNIT OF ACCT	0.0	100.00	0.0	0.0
OTHER W EUROPE	DOLLAR EQUIV	0.0	126.46	0.0	0.0
JAPAN	THOUSAND YEN	0.0	57.30	0.0	0.0
AUST-N ZEALAND	AUST DOLLAR	0.0	62.26	0.0	0.0

SELECTED SUPPLY PRICES FOR THE BASE PERIOD ARE PRESENTED BELOW IN 1970 DOLLARS OR LOCAL CURRENCIES FOR COMPARATIVE PURPOSES. FULL DOCUMENTATION APPEARS IN THE SPECIFICATION OF THE BASE SHOWN IN ALTERNATIVE FUTURES FOR WORLD FOOD IN 1985 VOL 3.

UNITED STATES: $126.57; 3-YEAR AVERAGE 1969-71; WEIGHTED AVERAGE PRICE FOR MANUFACTURING GRADE AND GRADE A MILK ELIGIBLE FOR FLUID USE.
EURO SIX: UA 103; 4 YEAR AVERAGE 1968-69,70-71; EC TARGET PRICE FOR 3.7 PERCENT BUTTERFAT DELIVERED.
AUST & N.ZEALAND: AUST. $35; 3-YEAR AVERAGE 1969-71; PRODUCER PRICE OF MILK EQUIVALENT PAID AT DAIRY.

SOYBEANS PRICES

REGION	CURRENCY	DEMAND PRICE	SUPPLY PRICE	VARIABLE LEVY	TRADE PRICE
		- - - REGIONAL CURRENCY - - -			DOLLAR EQUIV
UNITED STATES	US DOLLAR	0.0	0.0	0.0	135.97
JAPAN	THOUSAND YEN	47.62	47.62	0.0	0.0

Table XL Implied Base Quantities by Region

Region	Item*	Units (1000 mt.)
United States		
	USQUBT	5832.4
	USQDBP	4771.9
	USQTBT	46.1
	USQDP	5971.2
	USQDZ	4184.5
	USQDWH	14855.1
	USQDCH	14284.5
	USQDRH	1301.1
	USQDWF	2513.1
	USQDGF	146876.6
	USQDCF	144354.5
	USQDKF	13042.5
	USHAT.	108197.0
	USHAW.	29849.9
	USHAC.	61648.0
	USHAK.	14959.1
	USHAR.	870.0
	USQSW	60408.7
	USQSC	217137.7
	USQDLM	33566.0
	USQDLB	328.0
	USQDLC	1816.6
	USQSK	17919.6
	USQSR	3222.7
	USQSB	9720.4
	USQSP	5890.4
	USQSZ	4348.9
	USQSL.	33566.0
	USQSLC	752.2
Canada		
	CNQDB	920.9
	CNQDP	563.1
	CNQDZ	399.2
	CNQDLM	3711.0
	CNQDLB	125.1
	CNQDLC	105.9
	CNQDWH	2939.2
	CNQDCH	2605.4
	CNQDRH	58.0
	CNQDWF	-1354.9
	CNQDCF	12365.9
	CNQDKF	743.4
	CNQSR	849.4
	CNQSP	551.9
	CNQSZ	400.1
	CNQSLC	93.2
	CNQSL.	7280.5
	CNHAT.	24689.0
	CNHAW.	12431.0

	CNHAC.	9095.4
	CNHAK.	3462.4
	CNQSW	18681.8
	CNQSC	16532.0
	CNQSK	1500.2
EEC-3		
	C3QDB	1497.7
	C3QDP	1776.8
	C3QDZ	630.5
	C3QDV	623.1
	C3QDLM	12347.9
	C3QDLB	525.9
	C3QDLC	347.5
	C3QDWH	6183.4
	C3QDCH	6157.9
	C3QDRH	159.8
	C3QDGF	21138.5
	C3QDWF	7039.4
	C3QDCF	14099.1
	C3QDKF	2835.6
	C3QSB	1313.2
	C3QSP	1798.3
	C3QSZ	661.9
	C3QSV	265.8
	C3QSL.	20466.7
	C3QSLC	298.0
	C3HAT.	5357.8
	C3HAW.	1113.9
	C3HAC.	3943.9
	C3QSW	3727.1
	C3QSC	9034.9
	C3QSK	546.1
EEC-6		
	C6QDB	4874.5
	C6QDP	4770.7
	C6QDZ	1835.2
	C6QDV	234.2
	C6QDLM	33566.0
	C6QDLB	1142.0
	C6QDLC	1805.1
	C6QDWH	22192.2
	C6QDCH	13235.4
	C6QDRH	634.7
	C6QDGF	38873.3
	C6QDCF	31736.2
	C6QDKF	9376.8
	C6QSB	4340.9
	C6QSP	4859.9
	C6QSZ	1847.8
	C6QSV	195.4

C6QSL.	68734.5
C6QSLC	1971.4
C6HAT.	20146.8
C6HAW.	8960.1
C6HAC.	10533.9
C6HAR.	181.8
C6QSW	19321.1
C6QSC	25416.0
C6QSR	260.2
Other Western Europe	
WEQDB	1252.9
WEQDP	1420.1
WEQDZ	551.2
WEQDV	324.4
WEQDLM	12865.1
WEQDLB	234.6
WEQDLC	338.8
WEQDWH	8935.4
WEQDRH	575.8
WEQDCH	5720.1
WEQDWF	5201.0
WEQDCF	17828.9
WEQDKF	3228.7
WEQSB	1043.1
WEQSP	1454.7
WEQSZ	511.0
WEQSV	273.7
WEQSL.	21271.8
WEQSLC	463.5
WEHAT.	15016.2
WEHAW.	6123.9
WEHAC.	8331.7
WEHAR.	125.4
WEHAK.	550.8
WEQSW	8497.9
WEQSC	19299.7
WEQSK	934.0
WEQSR	415.6
Japan	
JPQDB	296.3
JPQDP	659.1
JPQDZ	467.9
JPQDV	163.7
JPQDLM	3292.6
JPQDLB	34.5
JPQDLC	34.0
JPQDWH	4173.9
JPQDCH	2276.4
JPQDR	9567.8
JPQDCF	11404.5

JPQDSH	1028.2
JPQDKF	935.5
JPQSB	243.3
JPQSP	559.2
JPQSZ	454.6
JPQSL.	4964.7
JPHAT.	3854.5
JPHAR.	3180.2
JPHAS.	155.1
JPQSW	485.5
JPQSC	83.3
JPQSR	9461.8
JPQSS.	127.9
JPQSK	992.1
Australia-New Zealand	
AZQDB	629.0
AZQDP.	199.0
AZQDV	600.0
AZQDLM	3215.0
AZQDLB	136.8
AZQDLC	54.9
AZQDWH	2143.0
AZQDCH	931.1
AZQDRH	60.1
AZQDGF	3578.4
AZQDWF	998.1
AZQDK	145.4
AZQSB	1432.1
AZGSP.	203.7
AZQSV	1333.3
AZQSL.	15540.6
AZQSLC	133.6
AZHAT.	15743.9
AZHAW.	9583.5
AZHAC.	5908.8
AZHAK.	260.0
AZHAR.	37.5
AZQSW	10465.3
AZQSC	7263.4
AZQSK	76.2
AZQSR	-120.7
South Africa	
SFQDWH	1312.0
SFQDRH	105.8
SFQDCH	3507.8
SFQDCF	2114.7
SFQDKF	395.2
SFHAT.	6394.8
SFHAW.	1675.9
SFHAC.	4678.3

SFQSW	1220.8
SFQSC	7675.1
SFQSK	700.0
Indonesia	
DUCUWH	-535.0
DOCORH	12530.1
DUQDCH	1352.6
DCQDK	173.8
DOHAT.	12410.3
DOHAC.	2699.6
DOHAR.	8638.9
DOHAK.	1072.2
DOQSC	2135.2
DOQSR	12763.4
DOQSK	535.1
High-Income East Asia	
EHCUWH	1321.0
EHCORH	7196.5
EHQUCH	1723.7
EHQUCF	4707.4
EHQDKF	743.1
EHHAT.	3692.4
EHHAW.	156.8
EHHAR.	2083.7
EHHAC.	974.6
EHHAK.	477.2
EHQSW	348.1
EHQSC	2042.0
EHQSR	6421.2
EHQSK	154.2
Low-Income East Asia	
ELQUWH	909.1
ELQUCH	1139.4
ELQURH	4954.4
ELQUCF	1483.4
ELHAT.	6606.6
ELHAC.	2486.9
ELHAR.	4119.7
ELQSC	2134.8
ELQSR	4939.1
ELQSK	209.8
Thailand	
THQUC	214.8
THQUR	6502.3
THQDWH	71.4
THHAT.	8267.2
THHAC.	848.7
THHAR.	7523.6
THQSC	2211.0
THQSR	9986.2

Other Southeast Asia	
OEQDWH	294.5
OEQDRH	11758.0
OEQDCF	20.8
OEHAR.	7289.6
OEQSR	8803.7
OEQSC	313.8
India	
NDCDW.	21365.8
NDCDRH	42772.5
NDQDCH	23430.4
NDQDCF	1255.6
NDQDKF	2602.2
NDHAT.	113768.6
NDHAW.	15355.6
NDHAC.	44025.4
NDHAR.	38481.2
NDHAK.	15176.4
NDQSW	19093.9
NDQSC	26235.6
NDQSR	42998.7
NDQSK	3675.6
Other South Asia	
OSCDW.	11427.8
OSCDR.	16088.7
OSQDC	4086.8
OSHAT.	21663.5
OSHAW.	9331.5
OSHAC.	3671.9
OSHAR.	13660.1
OSQSW	8546.9
OSQSC	2246.9
OSQSR	16043.2
High-Income North Africa and Middle East	
NHQDW	8962.3
NHQDCH	3523.1
NHQDR	1587.9
NHQDCF	3871.2
NHQDKF	1228.2
NHHAT.	11649.9
NHHAW.	7611.0
NHHAC.	5056.8
NHHAR.	482.1
NHQSW	4654.1
NHQSC	3814.0
NHQSR	951.0
Low-Income North Africa and Middle East	
NLQDWH	19690.1
NLQDRH	1511.6
NLQDCH	7498.8

NLQDCF	6978.1
NLHAT.	22240.4
NLHAW.	12510.2
NLHAC.	12212.4
NLHAR.	765.2
NLQSW	13455.4
NLQSC	16016.7
NLQSR	2655.2
Venezuela	
VNQDWH	672.7
VNQDRH	618.8
VNQDCH	736.2
VNQDCF	1030.5
VNHAT.	736.2
VNHAC.	611.0
VNHAR.	175.2
VNQSC	711.2
VNQSR	193.3
Brazil	
BZQDB	1671.5
BZQDP	568.5
BZCOW.	5094.7
BZCORH	4944.7
BZQDCH	3420.1
BZQDCF	10522.2
BZQDKF	1191.0
BZQSB	1930.3
BZQSP	569.4
BZHAT.	20887.4
BZHAW.	1743.2
BZHAC.	12205.2
BZHAR.	5135.7
BZHAK.	6577.1
BZQSW	1681.9
BZQSC	17625.1
BZQSR	5103.4
BZQSK	6127.1
Argentina	
ARQDB	1794.8
ARQDP	210.0
ARQDV	136.7
ARQDW	4112.5
ARQDCH	1282.6
ARQDRH	156.8
ARQDCF	5012.0
ARQDK	197.1
ARQSB	2632.1
ARQSP	215.8
ARQSV	184.9
ARHAT.	16520.4

ARHAW.	5741.7
ARHAC.	7879.7
ARHAK.	2794.0
ARHAR.	113.3
ARQSW	7679.8
ARQSC	15213.5
ARQSR	311.6
ARQSK	1287.5

Other South America

LAQDW	3774.5
LAQDRH	1316.6
LAQDCH	2231.8
LAQDCF	1052.9
LAQDKF	202.7
LAHAT.	5494.5
LAHAW.	1489.0
LAHAC.	2849.0
LAHAR.	493.0
LAHAK.	423.8
LAQSW	1875.4
LAQSC	3577.2
LAQSR	974.6
LAQSK	3772.0

East Africa

EFQDWH	556.7
EFQDCH	8180.3
EFQDRH	438.8
EFQDCF	1333.3
EFHAT.	6182.7
EFHAW.	229.8
EFHAC.	8949.7
EFHAR.	106.8
EFQSW	428.3
EFQSC	10567.0
EFQSR	101.8

Middle America

MCQDR	674.6
MCQDP	330.0
MCQDWH	2800.8
MCQDRH	846.9
MCQDCH	9846.5
MCQDCF	5201.7
MCQDWF	163.9
MCQDKF	1590.4
MCQSR	864.2
MCQSP	325.0
MCHAT.	13432.1
MCHAW.	817.1
MCHAC.	12024.3
MCHAR.	566.5
MCHAK.	531.0
MCQSW	2391.0
MCQSR	764.6
MCQSK	782.6
MCQSC	12961.3

*Description of the Item terms are contained in Appendix II.

BEEF AND VEAL UTILIZATION

REGION	PRODUCTION	PERCENT OF WORLD SUPPLY	FEED USAGE	FOOD & OTHER USAGE	TOTAL USAGE	IMPORTS	EXPORTS	STOCKS
	1,000 METRIC TONS	PERCENT	- - - - - - - - - - 1,000 METRIC TONS - - - - - - - - - -					
UNITED STATES	9720.4	39.9	0.0	10604.3	10604.3	930.0	46.1	0.0
CANADA	849.4	3.5	0.0	920.9	920.9	71.6	0.0	0.0
EURO SIX	4340.9	17.8	0.0	4874.5	4874.5	533.6	0.0	0.0
EURO THREE	1313.2	5.4	0.0	1497.7	1497.7	184.5	0.0	0.0
OTHER W EUROPE	1043.1	4.3	0.0	1252.9	1252.9	209.9	0.0	0.0
JAPAN	243.3	1.0	0.0	296.3	296.3	52.9	0.0	0.0
AUSTRN ZEALAND	1432.1	5.9	0.0	629.0	629.0	0.0	803.1	0.0
EAST EUROPE	0.0	0.0	0.0	0.0	0.0	0.0	94.8	0.0
SOVIET UNION	0.0	0.0	0.0	0.0	0.0	0.0	52.8	0.0
MIDDLE AMERICA	864.2	3.5	0.0	674.6	674.6	0.0	189.7	0.0
BRAZIL	1930.3	7.9	0.0	1671.5	1671.5	0.0	256.8	0.0
ARGENTINA	2632.1	10.8	0.0	1794.8	1794.8	0.0	837.3	0.0
REST OF WORLD	0.0	0.0	0.0	0.0	0.0	254.9	0.0	0.0
DEV-ED REGION	18942.4	77.7	0.0	20075.7	20075.7	1982.5	849.2	0.0
CENTRAL PLAN RG	0.0	0.0	0.0	0.0	0.0	0.0	147.7	0.0
LESS DEV-ED RG	5426.6	22.3	0.0	4140.9	4140.9	254.0	1285.8	0.0
WORLD TOTAL	24369.0	100.0	0.0	24216.5	24216.5	2236.5	2282.6	0.0

NOTES: THE PERCENT OF WORLD SUPPLY DOES NOT INCLUDE THOSE REGIONS FOR WHICH PRODUCTION WAS NOT PROJECTED. FOR THE PROJECTED PERIOD, WORLD TRADE IMBALANCE RESULTS FROM UNITED STATES EXPORTS BEING PROJECTED OUTSIDE THE BALANCING SYSTEM FOR THE GOL MODEL.

SOURCES: FOREIGN AGRICULTURAL SERVICE AND ECONOMICS, STATISTICS, AND COOPERATIVES SERVICE, USDA; ORGANIZATION FOR ECONOMIC COOPERATION AND DEVELOPMENT; AND FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS.

PORK UTILIZATION

REGION	PRODUCTION	PERCENT OF WORLD SUPPLY	FEED USAGE	FOOD & OTHER USAGE	TOTAL USAGE	IMPORTS	EXPORTS	STOCKS
	1,000 METRIC TONS	PERCENT	- - - - - - - - - - 1,000 METRIC TONS - - - - - - - - - -					
UNITED STATES	5890.4	35.9	0.0	5971.2	5971.2	80.9	0.0	0.0
CANADA	551.9	3.4	0.0	563.1	563.1	11.2	0.0	0.0
EURO SIX	4859.9	29.6	0.0	4770.7	4770.7	0.0	89.2	0.0
EURO THREE	1798.3	10.9	0.0	1776.8	1776.8	0.0	21.5	0.0
OTHER W EUROPE	1454.7	8.9	0.0	1420.1	1420.1	0.0	34.5	0.0
JAPAN	559.2	3.4	0.0	659.1	659.1	99.9	0.0	0.0
AUST-N ZEALAND	203.7	1.2	0.0	199.0	199.0	0.0	0.0	0.0
EAST EUROPE	0.0	0.0	0.0	0.0	0.0	0.0	55.7	0.0
CHINA	0.0	0.0	0.0	0.0	0.0	0.0	143.0	0.0
MIDDLE AMERICA	325.0	2.0	0.0	330.0	330.0	4.9	0.0	0.0
BRAZIL	569.4	3.5	0.0	568.5	568.5	0.0	0.0	0.0
ARGENTINA	215.8	1.3	0.0	210.0	210.0	0.0	0.0	0.0
REST OF WORLD	0.0	0.0	0.0	0.0	0.0	147.0	0.0	0.0
DEV-ED REGION	15318.0	93.2	0.0	15360.1	15360.1	192.0	145.2	0.0
CENTRAL PLAN RG	0.0	0.0	0.0	0.0	0.0	0.0	194.7	0.0
LESS DEV-ED RG	1110.3	6.8	0.0	1108.4	1108.4	151.9	0.0	0.0
WORLD TOTAL	16428.3	100.0	0.0	16468.5	16468.5	343.9	343.9	0.0

NOTE: THE PERCENT OF WORLD SUPPLY DOES NOT INCLUDE THOSE REGIONS FOR WHICH PRODUCTION WAS NOT PROJECTED.

SOURCE: FOREIGN AGRICULTURAL SERVICE AND ECONOMICS, STATISTICS, AND COOPERATIVES SERVICE, USDA; ORGANIZATION FOR ECONOMIC COOPERATION AND DEVELOPMENT; AND FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS.

POULTRY UTILIZATION

REGION	PRODUCTION	PERCENT OF WORLD SUPPLY	FEED USAGE	FOOD & OTHER USAGE	TOTAL USAGE	IMPORTS	EXPORTS	STOCKS
	1,000 METRIC TONS	PERCENT	- - - - - - - - - - 1,000 METRIC TONS - - - - - - - - - -					
UNITED STATES	4348.9	51.9	0.0	4184.5	4184.5	0.0	0.0	0.0
CANADA	400.1	4.8	0.0	399.2	399.2	0.0	0.0	0.0
EURO SIX	1647.6	22.1	0.0	1835.2	1835.2	0.0	12.6	0.0
EURO THREE	601.9	7.9	0.0	630.5	630.5	0.0	31.4	0.0
OTHER W EUROPE	511.0	6.1	0.0	551.2	551.2	0.0	0.0	0.0
JAPAN	454.6	5.4	0.0	467.9	467.9	0.0	0.0	0.0
AUSTRN ZEALAND	153.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0
DEV-ED REGION	8377.3	100.0	0.0	8068.5	8068.5	0.0	44.0	0.0
CENTRAL PLAN RG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LESS DEV-ED RG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WORLD TOTAL	8377.3	100.0	0.0	8068.5	8068.5	0.0	44.0	0.0

NOTE: THE PERCENT OF WORLD SUPPLY DOES NOT INCLUDE THOSE REGIONS FOR WHICH PRODUCTION WAS NOT PROJECTED. TRADE IS SPECIFIED ONLY BETWEEN EURO SIX AND EURO THREE FOR THE PROJECTED PERIOD; WORLD TOTAL REFLECTS THE IMBALANCE BETWEEN THESE TWO REGIONS.

SOURCE: FOREIGN AGRICULTURAL SERVICE AND ECONOMICS, STATISTICS, AND COOPERATIVES SERVICE, USDA; ORGANIZATION FOR ECONOMIC COOPERATION AND DEVELOPMENT; AND FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS.

LAMB AND MUTTON UTILIZATION

REGION	PRODUCTION	PERCENT OF WORLD SUPPLY	FEED USAGE	FOOD & OTHER USAGE	TOTAL USAGE	IMPORTS	EXPORTS	STOCKS
	1,000 METRIC TONS	PERCENT	- - - - - - - - - - 1,000 METRIC TONS - - - - - - - - - -					
UNITED STATES	0.0	0.0	0.0	0.0	0.0	54.0	0.0	0.0
EURO SIX	195.4	8.7	0.0	234.2	234.2	38.8	0.0	0.0
EURO THREE	265.8	11.8	0.0	623.1	623.1	357.3	0.0	0.0
OTHER W EUROPE	273.7	12.1	0.0	324.4	324.4	50.8	0.0	0.0
JAPAN	0.0	0.0	0.0	163.7	163.7	163.7	0.0	0.0
AUST-N ZEALAND	1333.3	59.2	0.0	600.0	600.0	0.0	733.4	0.0
ARGENTINA	184.9	8.2	0.0	136.7	136.7	0.0	48.2	0.0
REST OF WORLD	0.0	0.0	0.0	0.0	0.0	117.0	0.0	0.0
DEV-ED REGION	2068.2	91.8	0.0	1945.4	1945.4	664.6	733.4	0.0
CENTRAL PLAN RG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LESS DEV-ED RG	184.9	8.2	0.0	136.7	136.7	117.0	48.2	0.0
WORLD TOTAL	2253.1	100.0	0.0	2082.1	2082.1	781.6	781.6	0.0

NOTE: THE PERCENT OF WORLD SUPPLY DOES NOT INCLUDE THOSE REGIONS FOR WHICH PRODUCTION WAS NOT PROJECTED.

SOURCE: FOREIGN AGRICULTURAL SERVICE AND ECONOMICS, STATISTICS, AND COOPERATIVES SERVICE, USDA; ORGANIZATION FOR ECONOMIC COOPERATION AND DEVELOPMENT; AND FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS.

FLUID MILK UTILIZATION

REGION	PRODUCTION	PERCENT OF WORLD SUPPLY	FEED USAGE	FOOD & OTHER USAGE	TOTAL USAGE	IMPORTS	EXPORTS	STOCKS
	1,000 METRIC TONS	PERCENT	- - - - - - - - - - 1,000 METRIC TONS - - - - - - - - - -					
UNITED STATES	0.0	0.0	0.0	33566.0	33566.0	0.0	0.0	0.0
CANADA	0.0	0.0	0.0	3711.0	3711.0	0.0	0.0	0.0
EURO SIX	0.0	0.0	0.0	31143.7	31143.7	0.0	0.0	0.0
EURO THREE	0.0	0.0	0.0	12347.9	12347.9	0.0	0.0	0.0
OTHER W EUROPE	0.0	0.0	0.0	12885.1	12885.1	0.0	0.0	0.0
JAPAN	0.0	0.0	0.0	3292.6	3292.6	0.0	0.0	0.0
AUST-N ZEALAND	0.0	0.0	0.0	3215.0	3215.0	0.0	0.0	0.0
DEV-ED REGION	0.0	0.0	0.0	100161.2	100161.2	0.0	0.0	0.0
CENTRAL PLAN RG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LESS DEV-ED RG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WORLD TOTAL	0.0	0.0	0.0	100161.2	100161.2	0.0	0.0	0.0

SOURCES: FOREIGN AGRICULTURAL SERVICE AND ECONOMICS, STATISTICS, AND COOPERATIVES SERVICE, USDA; ORGANIZATION FOR ECONOMIC COOPERATION AND DEVELOPMENT; AND FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS.

BUTTER UTILIZATION

REGION	PRODUCTION	PERCENT OF WORLD SUPPLY	FEED USAGE	FOOD & OTHER USAGE	TOTAL USAGE	IMPORTS	EXPORTS	STOCKS
	1,000 METRIC TONS	PERCENT	- - - - - - - - - - 1,000 METRIC TONS - - - - - - - - - -					
UNITED STATES	328.0	12.8	0.0	328.0	328.0	0.0	0.0	0.0
CANADA	106.6	4.2	0.0	125.1	125.1	16.5	0.0	0.0
EURO SIX	1028.3	40.1	0.0	1142.0	1142.0	113.7	0.0	0.0
EURO THREE	257.0	10.0	0.0	525.9	525.9	268.8	0.0	0.0
OTHER W EUROPE	224.3	8.7	0.0	234.6	234.6	10.3	0.0	0.0
JAPAN	62.2	2.4	0.0	34.5	34.5	0.0	27.8	0.0
AUSTRN ZEALAND	558.3	21.8	0.0	136.8	136.8	0.0	421.5	0.0
REST OF WORLD	0.0	0.0	0.0	0.0	0.0	39.9	0.0	0.0
DEV-ED REGION	2566.7	100.0	0.0	2526.8	2526.8	409.4	449.3	0.0
CENTRAL PLAN RG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LESS DEV-ED RG	0.0	0.0	0.0	0.0	0.0	39.9	0.0	0.0
WORLD TOTAL	2566.7	100.0	0.0	2526.8	2526.8	449.3	449.3	0.0

NOTES: THE PERCENT OF WORLD SUPPLY DOES NOT INCLUDE THOSE REGIONS FOR WHICH PRODUCTION WAS NOT PROJECTED.

SOURCES: FOREIGN AGRICULTURAL SERVICE AND ECONOMICS, STATISTICS, AND COOPERATIVES SERVICE, USDA; ORGANIZATION FOR ECONOMIC COOPERATION AND DEVELOPMENT; AND FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS.

CHEESE UTILIZATION

REGION	PRODUCTION	PERCENT OF WORLD SUPPLY	FEED USAGE	FOOD & OTHER USAGE	TOTAL USAGE	IMPORTS	EXPORTS	STOCKS
	1,000 METRIC TONS	PERCENT	1,000 METRIC TONS					
UNITED STATES	752.2	20.2	0.0	1016.6	1016.6	264.5	0.0	0.0
CANADA	93.2	2.5	0.0	105.9	105.9	12.7	0.0	0.0
EURO SIX	1971.4	53.0	0.0	1805.1	1805.1	0.0	166.4	0.0
EURO THREE	298.0	8.0	0.0	347.5	347.5	49.6	0.0	0.0
OTHER W EUROPE	463.5	12.5	0.0	338.8	338.8	0.0	124.7	0.0
JAPAN	9.8	0.3	0.0	34.0	34.0	24.1	0.0	0.0
AUST-N ZEALAND	133.6	3.6	0.0	54.9	54.9	0.0	78.8	0.0
DEV-ED REGION	3721.7	100.0	0.0	3702.7	3702.7	350.9	369.8	0.0
CENTRAL PLAN RG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LESS DEV-ED RG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WORLD TOTAL	3721.7	100.0	0.0	3702.7	3702.7	350.9	369.8	0.0

NOTES: THE PERCENT OF WORLD SUPPLY DOES NOT INCLUDE THOSE REGIONS FOR WHICH PRODUCTION WAS NOT PROJECTED. FOR THE PROJECTED PERIOD, WORLD TRADE IMBALANCE REFLECTS THE REST OF WORLD WHICH WAS NOT SPECIFIED.

SOURCES: FOREIGN AGRICULTURAL SERVICE AND ECONOMICS, STATISTICS, AND COOPERATIVES SERVICE, USDA; ORGANIZATION FOR ECONOMIC COOPERATION AND DEVELOPMENT; AND FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS.

MILK PRODUCTS UTILIZATION

REGION	PRODUCTION	PERCENT OF WORLD SUPPLY	FEED USAGE	FOOD & OTHER USAGE	TOTAL USAGE	IMPORTS	EXPORTS	STOCKS
	1,000 METRIC TONS	PERCENT	- - - - - - - - - 1,000 METRIC TONS - - - - - - - - -					
UNITED STATES	47426.9	25.5	0.0	0.0	0.0	0.0	0.0	0.0
CANADA	7280.5	3.9	0.0	0.0	0.0	0.0	0.0	0.0
EURO SIX	68734.5	37.0	0.0	0.0	0.0	0.0	0.0	0.0
EURO THREE	20466.7	11.0	0.0	0.0	0.0	0.0	0.0	0.0
OTHER W EUROPE	21271.8	11.5	0.0	0.0	0.0	0.0	0.0	0.0
JAPAN	4964.7	2.7	0.0	0.0	0.0	0.0	0.0	0.0
AUSTRN ZEALAND	15540.6	8.4	0.0	0.0	0.0	0.0	0.0	0.0
DEV-ED REGION	185685.6	100.0	0.0	0.0	0.0	0.0	0.0	0.0
CENTRAL PLAN RG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LESS DEV-ED RG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WORLD TOTAL	185685.6	100.0	0.0	0.0	0.0	0.0	0.0	0.0

NOTE: THE PERCENT OF WORLD SUPPLY DOES NOT INCLUDE THOSE REGIONS FOR WHICH PRODUCTION WAS NOT PROJECTED.

SOURCE: FOREIGN AGRICULTURAL SERVICE AND ECONOMICS, STATISTICS, AND COOPERATIVES SERVICE, USDA; ORGANIZATION FOR ECONOMIC COOPERATION AND DEVELOPMENT; AND FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS.

TOTAL GRAIN UTILIZATION

REGION	AREA	YIELD	PRODUCTION	PERCENT OF WORLD SUPPLY	FEED USAGE	FOOD & OTHER USAGE	TOTAL USAGE	IMPORTS	EXPORTS	STOCKS
	1,000 HECTARES	METRIC TONS PER HECTARE	1,000 METRIC TONS	PERCENT	1,000 METRIC TONS					
UNITED STATES	92367.9	3.0	280769.1	38.1	140867.6	30440.7	177308.2	0.0	103460.8	0.0
CANADA	21526.8	1.6	35213.8	4.8	11011.0	5602.6	16613.6	58.0	16458.3	0.0
EURO SIX	19675.8	2.3	45017.3	6.1	36873.3	36062.3	74935.6	29918.3	0.0	0.0
EURO THREE	5057.8	2.5	12762.0	1.7	21138.5	12501.1	33639.6	20877.6	0.0	0.0
OTHER W EUROPE	14581.0	1.9	28213.2	3.8	23029.9	15231.3	38261.2	10048.6	0.0	0.0
SOUTH AFRICA	6354.2	1.4	8895.9	1.2	2114.7	8925.6	7040.3	197.0	2052.6	0.0
JAPAN	3499.8	2.9	10030.6	1.4	11506.5	16018.1	27604.6	17468.0	0.0	0.0
AUSTRALIA ZEALAND	15529.7	1.1	17608.0	2.4	3578.4	3134.2	6712.6	180.6	11074.1	0.0
EAST EUROPE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16780.7	0.0	0.0
SOVIET UNION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15518.6	0.0	0.0
CHINA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8432.0	949.1	0.0
INDONESIA	11338.5	1.3	14898.5	2.0	0.0	13347.7	13347.7	0.0	1550.9	0.0
EAST ASIA HIGH	3215.2	2.7	8811.3	1.2	4707.4	10241.2	14948.6	6137.3	0.0	0.0
EAST ASIA LOW	6606.6	1.1	7073.9	1.0	1483.8	7002.8	8486.1	1412.3	0.0	0.0
THAILAND	8372.3	1.5	12197.2	1.7	0.0	6788.6	6788.6	71.4	5480.0	0.0
OTHER SE ASIA	7289.6	1.3	9117.5	1.2	20.8	12137.5	12158.3	3248.8	208.1	0.0
INDIA	97862.2	0.9	88328.1	12.0	1255.6	87566.7	88820.4	2261.9	1779.7	0.0
OTHER S. ASIA	26863.5	1.0	26837.0	3.6	0.0	31603.2	31603.2	4766.2	0.0	0.0
N.AF.-W.EST HIGH	13149.9	0.7	9419.1	1.3	3871.2	14073.3	17944.5	8525.4	0.0	0.0
N.AF.-W.EST LOW	25487.8	1.3	32127.4	4.4	6978.1	28700.5	35678.6	6234.7	2683.5	0.0
CENTRAL AFRICA	0.0	0.0	6533.4	0.9	0.0	8998.2	8998.2	2464.7	0.0	0.0
EAST AFRICA	9286.4	1.2	11097.0	1.5	1333.3	9175.8	10509.0	465.4	1053.9	0.0
MIDDLE AMERICA	13407.8	1.2	16116.8	2.2	5365.6	13494.3	18859.8	2743.0	0.0	0.0
VENEZUELA	786.2	1.2	904.5	0.1	1030.5	2027.7	3058.2	2153.7	0.0	0.0
BRAZIL	19064.1	1.3	24410.4	3.3	10522.2	13459.5	23981.7	3412.8	3841.5	0.0
ARGENTINA	13739.7	1.7	23204.9	3.2	5012.0	5551.9	10563.9	0.0	12441.0	0.0
OTHER S AMERICA	4830.9	1.3	6427.2	0.9	1052.9	7322.9	8375.7	2241.1	292.6	0.0
DEV-ED REGION	178591.9	2.5	438509.5	59.6	256199.7	123915.9	382115.5	78747.7	135247.9	0.0
CENTRAL PLAN RG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	40731.3	949.1	0.0
LESS DEV-ED RG	261115.4	1.1	297503.6	40.4	42632.8	271493.1	314125.7	46138.8	29826.7	0.0
WORLD TOTAL	439706.8	1.7	736012.5	100.0	300832.1	395408.5	696240.6	165617.5	165723.6	0.0

NOTE: TOTAL GRAIN IS A SUMMATION OF GRAIN CATEGORIES INCLUDED BY REGION IN THE GOL MODEL, NAMELY, COARSE GRAINS, WHEAT, AND RICE, WHERE EXPLICITLY MODELED. THE PERCENT OF WORLD SUPPLY DOES NOT INCLUDE THOSE REGIONS FOR WHICH PRODUCTION WAS NOT PROJECTED. TO EXPLAIN WORLD TRADE IMBALANCE IN THE PROJECTED PERIOD, SEE RICE UTILIZATION.

SOURCE: FOREIGN AGRICULTURAL SERVICE AND ECONOMICS, STATISTICS, AND COOPERATIVES SERVICE, USDA.

WHEAT UTILIZATION

REGION	AREA	YIELD	PRODUCTION	PERCENT OF WORLD SUPPLY	FEED USAGE	FOOD & OTHER USAGE	TOTAL USAGE	IMPORTS	EXPORTS	STOCKS
	1,000 HECTARES	METRIC TONS PER HECTARE	1,000 METRIC TONS	PERCENT	- - - - - - - - - - 1,000 METRIC TONS - - - - - - - - - -					
UNITED STATES	29849.9	2.0	60408.7	32.9	2513.1	14855.1	17368.2	0.0	43040.5	0.0
CANADA	12431.0	1.5	18681.8	10.2	3354.9	2939.2	1588.2	0.0	17047.6	0.0
EURO SIA	8969.1	2.2	19321.1	10.5	7137.1	22192.2	29329.3	10008.3	0.0	0.0
EURO IMREE	1113.9	3.3	3727.1	2.0	7039.4	6183.4	13222.7	9495.6	0.0	0.0
OIHER W EUROPE	6123.9	1.4	8497.9	4.6	5201.0	8935.4	14136.5	5638.5	0.0	0.0
SOUTH AFRICA	1675.9	0.7	1220.8	0.7	0.0	1312.0	1312.0	91.2	0.0	0.0
JAPAN	234.4	2.0	485.5	0.3	182.0	4173.9	4355.8	3870.4	0.0	0.0
AUSTRL ZEALAND	9563.5	1.1	10465.3	5.7	948.1	2143.0	3141.0	0.0	7324.3	0.0
EAST EUROPE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6705.2	0.0	0.0
SOVIET UNION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2026.8	0.0	0.0
CHINA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6288.4	0.0	0.0
INDONESIA	0.0	0.0	0.0	0.0	0.0	835.0	835.0	0.0	535.0	0.0
EAST ASIA HIGH	156.8	2.2	348.1	0.2	0.0	1321.0	1321.0	972.9	0.0	0.0
EAST ASIA LOW	0.0	0.0	0.0	0.0	0.0	909.1	909.1	909.1	0.0	0.0
THAILAND	0.0	0.0	0.0	0.0	0.0	71.4	71.4	71.4	0.0	0.0
OIHER SE ASIA	0.0	0.0	0.0	0.0	0.0	294.5	294.5	294.5	0.0	0.0
INDIA	15355.6	1.2	19093.9	10.4	0.0	21365.8	21365.8	2271.9	0.0	0.0
OIHER S. ASIA	9331.5	0.9	8546.9	4.7	0.0	11427.8	11427.8	2880.9	0.0	0.0
N.AF.-M.EST HIGH	7811.0	0.6	4654.1	2.5	0.0	8962.3	8962.3	4308.2	0.0	0.0
N.AF.-M.EST LOW	12510.2	1.1	13455.4	7.3	0.0	19690.1	19690.1	6234.7	0.0	0.0
CENTRAL AFRICA	0.0	0.0	634.0	0.3	0.0	2654.0	2654.0	2020.0	0.0	0.0
EAST AFRICA	229.8	1.9	428.3	0.2	0.0	556.7	556.7	128.4	0.0	0.0
MIDDLE AMERICA	817.1	2.9	2391.0	1.3	163.9	2800.8	2964.7	573.7	0.0	0.0
VENEZUELA	0.0	0.0	0.0	0.0	0.0	672.7	672.7	672.7	0.0	0.0
BRAZIL	1743.2	1.0	1681.9	0.9	0.0	5094.7	5094.7	3412.8	0.0	0.0
ARGENTINA	3741.7	1.3	7679.8	4.2	0.0	4112.5	4112.5	0.0	3567.3	0.0
OIHER S AMERICA	1889.0	1.3	1875.4	1.0	0.0	3774.5	3774.5	1899.1	0.0	0.0
DEV-ED REGION	69976.8	1.8	122408.1	66.9	21715.7	62734.1	84449.7	29103.9	67469.8	0.0
CENTRAL PLAN RG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15820.4	0.0	0.0
LESS DEV-ED RG	54985.8	1.1	60788.8	33.1	163.9	83172.8	83336.7	26040.4	4102.3	0.0
WORLD TOTAL	124961.9	1.5	183596.5	100.0	21879.5	145906.8	167786.1	71564.6	71964.6	0.0

NOTE: THE PERCENT OF WORLD SUPPLY DOES NOT INCLUDE THOSE REGIONS FOR WHICH PRODUCTION WAS NOT PROJECTED.

SOURCE: FOREIGN AGRICULTURAL SERVICE AND ECONOMICS, STATISTICS, AND COOPERATIVES SERVICE, USDA.

COARSE GRAINS UTILIZATION

REGION	AREA	YIELD	PRODUCTION	PERCENT OF WORLD SUPPLY	FEED USAGE	FOOD & OTHER USAGE	TOTAL USAGE	IMPORTS	EXPORTS	STOCKS
	1,000 HECTARES	METRIC TONS PER HECTARE	1,000 METRIC TONS	PERCENT	- - - - - - - - - - 1,000 METRIC TONS - - - - - - - - - -					
UNITED STATES	61648.0	3.5	217137.7	51.3	144354.5	14284.5	158638.9	0.0	58498.7	0.0
CANADA	9095.4	1.8	16532.0	3.9	12365.9	2605.4	14971.3	0.0	1560.7	0.0
EURO 9IA	10533.9	2.4	25416.0	6.0	31736.2	13235.4	44971.5	19555.6	0.0	0.0
EURO THREE	3943.9	2.3	9034.9	2.1	14099.1	6157.9	20257.0	11222.1	0.0	0.0
OTHER W EUROPE	8331.7	2.3	19299.7	4.6	17828.9	5720.1	23548.9	4249.2	0.0	0.0
SOUTH AFRICA	4678.3	1.6	7675.1	1.8	2114.7	3507.8	5622.5	0.0	2052.6	0.0
JAPAN	80.4	1.0	83.3	0.0	11404.5	2276.4	13680.9	13597.6	0.0	0.0
AUSTRA ZEALAND	5908.8	1.2	7263.4	1.7	2580.4	931.1	3511.5	0.0	3751.9	0.0
EAST EUROPE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9490.6	0.0	0.0
SOVIET UNION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12189.5	0.0	0.0
CHINA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2143.6	0.0	0.0
INDONESIA	2699.6	0.8	2135.2	0.5	0.0	1352.6	1352.6	0.0	782.6	0.0
EAST ASIA HIGH	974.0	2.1	2042.0	0.5	4707.4	1723.7	6431.0	4389.1	0.0	0.0
EAST ASIA LOW	2486.9	0.9	2134.8	0.5	1483.4	1139.4	2622.7	487.9	0.0	0.0
THAILAND	848.7	2.6	2211.0	0.5	0.0	214.8	214.8	0.0	1996.2	0.0
OTHER SE ASIA	0.0	0.0	313.8	0.1	20.8	85.0	105.8	0.0	208.1	0.0
INDIA	44865.4	0.6	26235.6	6.2	1255.6	23430.4	24686.0	0.0	1949.9	0.0
OTHER S. ASIA	3671.9	0.8	2246.9	0.5	0.0	4088.8	4088.8	1839.8	0.0	0.0
N.AF.-M.EST HIGH	5056.4	0.8	3814.0	0.9	3871.2	3523.1	7394.3	3580.3	0.0	0.0
N.AF.-M.EST LOW	12212.8	1.3	16016.7	3.8	6978.1	7498.8	14476.9	0.0	1539.8	0.0
CENTRAL AFRICA	0.0	0.0	2925.0	0.7	0.0	2925.0	2925.0	0.0	0.0	0.0
EAST AFRICA	8949.7	1.2	10567.0	2.5	1333.3	8180.3	9513.5	0.0	1053.5	0.0
MIDDLE AMERICA	12024.3	1.1	12961.3	3.1	5201.7	9846.5	15048.2	2087.0	0.0	0.0
VENEZUELA	611.0	1.2	711.2	0.2	1010.5	736.2	1746.7	1055.5	0.0	0.0
BRAZIL	12205.2	1.4	17625.1	4.2	10522.2	3420.1	13942.2	0.0	3682.9	0.0
ARGENTINA	7879.7	1.9	15213.5	3.6	5012.0	1282.6	6294.5	0.0	8918.9	0.0
OTHER S AMERICA	2849.0	1.3	3577.2	0.8	1052.9	2231.8	3284.7	0.0	292.4	0.0
DEV-ED REGION	104720.6	2.9	302441.9	71.5	236484.1	48718.5	285202.6	48624.6	45807.9	0.0
CENTRAL PLAN RG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23823.7	0.0	0.0
LESS DEV-ED RG	116495.2	1.0	120730.0	28.5	42468.9	71676.8	114145.6	13439.6	20020.0	0.0
WORLD TOTAL	220715.6	1.9	423171.6	100.0	278952.6	120395.0	399347.9	85887.7	85887.7	0.0

NOTES: THE PERCENT OF WORLD SUPPLY DOES NOT INCLUDE THOSE REGIONS FOR WHICH PRODUCTION WAS NOT PROJECTED.

SOURCES: FOREIGN AGRICULTURAL SERVICE AND ECONOMICS, STATISTICS, AND COOPERATIVES SERVICE, USDA.

RICE UTILIZATION

REGION	AREA	YIELD	PRODUCTION	PERCENT OF WORLD SUPPLY	FEED USAGE	FOOD & OTHER USAGE	TOTAL USAGE	IMPORTS	EXPORTS	STOCKS
	1,000 HECTARES	METRIC TONS PER HECTARE	1,000 METRIC TONS	PERCENT	- - - - - - - - - 1,000 METRIC TONS - - - - - - - - -					
UNITED STATES	870.0	3.7	3222.7	2.5	0.0	1301.1	1301.1	0.0	1921.6	0.0
CANADA	0.0	0.0	0.0	0.0	0.0	58.0	58.0	58.0	0.0	0.0
EURO SIX	181.8	1.5	280.2	0.2	0.0	634.7	634.7	354.5	0.0	0.0
EURO INNER	0.0	0.0	0.0	0.0	0.0	159.8	159.8	159.8	0.0	0.0
OTHER W EUROPE	125.4	3.3	415.6	0.3	0.0	575.8	575.8	160.3	0.0	0.0
SOUTH AFRICA	0.0	0.0	0.0	0.0	0.0	105.8	105.8	105.8	0.0	0.0
JAPAN	3180.2	3.0	9461.8	7.3	0.0	9567.8	9567.8	0.0	0.0	0.0
AUSTRALIA NEW ZEALAND	37.5	3.2	120.7	0.1	0.0	60.1	60.1	180.8	0.0	0.0
EAST EUROPE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	504.9	0.0	0.0
SOVIET UNION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	502.3	0.0	0.0
CHINA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	949.1	0.0
INDONESIA	8638.9	1.5	12763.4	9.9	0.0	12530.1	12530.1	0.0	237.1	0.0
EAST ASIA HIGH	2063.7	3.1	6421.2	5.0	0.0	7196.5	7196.5	775.3	0.0	0.0
EAST ASIA LOW	4119.7	1.2	4939.1	3.8	0.0	4954.4	4954.4	15.3	0.0	0.0
THAILAND	7523.6	1.3	9986.2	7.7	0.0	6502.3	6502.3	0.0	3483.9	0.0
OTHER SE ASIA	7209.6	1.2	8803.7	6.8	0.0	11758.0	11758.0	2954.3	0.0	0.0
INDIA	38481.2	1.1	42998.7	33.3	0.0	42772.5	42772.5	0.0	224.1	0.0
OTHER S. ASIA	13660.1	1.2	16043.2	12.4	0.0	16086.7	16086.7	45.5	0.0	0.0
N.AF.-M.EST HIGH	482.1	2.0	951.0	0.7	0.0	1587.9	1587.9	636.9	0.0	0.0
N.AF.-M.EST LOW	765.2	3.5	2655.2	2.1	0.0	1511.6	1511.6	0.0	1143.7	0.0
CENTRAL AFRICA	0.0	0.0	2974.8	2.3	0.0	3419.2	3419.2	444.7	0.0	0.0
EAST AFRICA	106.8	1.0	101.8	0.1	0.0	438.8	438.8	337.0	0.0	0.0
MIDDLE AMERICA	566.5	1.3	764.6	0.6	0.0	846.9	846.9	82.3	0.0	0.0
VENEZUELA	179.2	1.1	193.3	0.1	0.0	618.8	618.8	425.5	0.0	0.0
BRAZIL	5135.7	1.0	5103.4	3.9	0.0	4944.7	4944.7	0.0	158.7	0.0
ARGENTINA	113.3	2.8	311.6	0.2	0.0	156.8	156.8	0.0	154.8	0.0
OTHER S AMERICA	493.0	2.0	974.6	0.8	0.0	1316.6	1316.6	342.0	0.0	0.0
DEV-ED REGION	4194.9	3.0	13259.6	10.3	0.0	12463.3	12463.3	1019.3	1921.4	0.0
CENTRAL PLAN RG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1087.2	949.3	0.0
LESS DEV-ED RG	89834.4	1.3	115984.9	89.7	0.0	116643.8	116643.8	6058.8	5409.4	0.0
WORLD TOTAL	94029.3	1.4	129244.8	100.0	0.0	129106.7	129106.7	8165.3	8271.3	0.0

NOTES: THE PERCENT OF WORLD SUPPLY DOES NOT INCLUDE THOSE REGIONS FOR WHICH PRODUCTION WAS NOT PROJECTED. FOR THE PROJECTED PERIOD ONLY, THE IMBALANCE FOR JAPAN AND FOR THE WORLD TOTAL RESULTS FROM EXCLUDING EXPORTS OF SPECIALITY RICE IN MODEL SOLUTION AS THIS RICE IS NOT CONSIDERED TO AFFECT WORLD EQUILIBRIUM PRICES.

SOURCES: FOREIGN AGRICULTURAL SERVICE AND ECONOMICS, STATISTICS, AND COOPERATIVES SERVICE, USDA.

OILMEAL UTILIZATION

REGION	AREA	YIELD	PRODUCTION	PERCENT OF WORLD SUPPLY	FEED USAGE	FOOD & OTHER USAGE	TOTAL USAGE	IMPORTS	EXPORTS	STOCKS
	1,000 HECTARES	METRIC TONS PER HECTARE	1,000 METRIC TONS	PERCENT	1,000 METRIC TONS					
UNITED STATES	14959.1	1.2	17919.6	45.1	13042.5	0.0	13042.5	0.0	4877.1	0.0
CANADA	3462.4	0.4	1500.2	3.8	743.4	0.0	743.4	0.0	756.8	0.0
EURO SIX	0.0	0.0	549.0	1.4	9376.8	0.0	9376.8	8827.8	0.0	0.0
EURO THREE	0.0	0.0	546.1	1.4	2835.6	0.0	2835.6	2289.4	0.0	0.0
OTHER W EUROPE	550.8	1.7	934.0	2.3	3228.7	0.0	3228.7	2294.7	0.0	0.0
SOUTH AFRICA	0.0	0.0	700.0	1.8	395.2	0.0	395.2	0.0	304.8	0.0
JAPAN	0.0	0.0	992.1	2.5	935.5	720.3	1655.8	663.6	0.0	0.0
AUSTRALIA ZEALAND	260.0	0.3	76.2	0.2	0.0	145.4	145.4	69.2	0.0	0.0
EAST EUROPE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	844.5	0.0	0.0
SOVIET UNION	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	321.5	0.0
CHINA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	200.0	0.0	0.0
INDONESIA	1072.2	0.5	535.1	1.3	0.0	173.8	173.8	0.0	361.4	0.0
EAST ASIA HIGH	477.2	0.3	158.2	0.4	743.1	0.0	743.1	588.8	0.0	0.0
EAST ASIA LOW	0.0	0.0	209.8	0.5	0.0	0.0	0.0	0.0	209.8	0.0
INDIA	15176.4	0.2	3675.6	9.2	2602.2	0.0	2602.2	0.0	1073.4	0.0
N.AF.-M.EST HIGH	0.0	0.0	0.0	0.0	1228.2	0.0	1228.2	1228.2	0.0	0.0
CENTRAL AFRICA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1497.6	0.0
MIDDLE AMERICA	531.0	1.5	782.6	2.0	1590.4	0.0	1590.4	807.8	0.0	0.0
BRAZIL	6577.1	0.9	6127.1	15.4	1191.0	0.0	1191.0	0.0	4936.1	0.0
ARGENTINA	2794.0	0.5	1287.5	3.2	0.0	197.1	197.1	0.0	1090.4	0.0
OTHER S AMERICA	423.8	0.9	3772.0	9.5	202.7	0.0	202.7	0.0	3569.3	0.0
DEV-ED REGION	19232.8	1.2	23217.2	58.4	30557.8	865.7	31421.5	14144.9	5918.6	0.0
CENTRAL PLAN RG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1044.5	321.5	0.0
LESS DEV-ED RG	27051.6	0.6	16548.0	41.6	7557.5	370.8	7928.3	2624.8	12738.1	0.0
WORLD TOTAL	46283.9	0.9	39761.2	100.0	38115.3	1236.5	39351.8	17814.2	18998.2	0.0

NOTES: THE PERCENT OF WORLD SUPPLY DOES NOT INCLUDE THOSE REGIONS FOR WHICH PRODUCTION WAS NOT PROJECTED. FOR THE PROJECTED PERIOD, WORLD TRADE IMBALANCE REFLECTS THE REST OF WORLD WHICH WAS NOT SPECIFIED.

SOURCES: FOREIGN AGRICULTURAL SERVICE AND ECONOMICS, STATISTICS, AND COOPERATIVES SERVICE, USDA.

SOYBEANS UTILIZATION

REGION	AREA	YIELD	PRODUCTION	PERCENT OF WORLD SUPPLY	FEED USAGE	FOOD & OTHER USAGE	TOTAL USAGE	IMPORTS	EXPORTS	STOCKS
	1,000 HECTARES	METRIC TONS PER HECTARE	1,000 METRIC TONS	PERCENT	- - - - - - - - - 1,000 METRIC TONS - - - - - - - - -					
UNITED STATES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
JAPAN	155.1	0.0	127.9	100.0	0.0	1028.2	1028.2	0.0	0.0	0.0
DEV-ED REGION	155.1	0.0	127.9	100.0	0.0	1028.2	1028.2	0.0	0.0	0.0
CENTRAL PLAN NC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
LESS DEV-ED NC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
WORLD TOTAL	155.1	0.0	127.9	100.0	0.0	1028.2	1028.2	0.0	0.0	0.0

Appendix I. Naming Convention for Variable Codes.

VARIABLE SPECIFICATION

An 8-place code is employed for specifying the price, quantity, and international trade interactions corresponding to 14 commodities, plus land area, for 28 regions of the world. The notation is standard for all commodities and regions.

In the code, the first and second characters identify region or country, the third and fourth designate function, such as demand or supply, the fifth and sixth identify the commodity, and the seventh and eighth specify the currency in which prices, incomes, or values are measured.

Endogenous Variables

The code for endogenous variables identifies region, economic function, commodity, and currency. The first two spaces (1 and 2) together constitute a regional code:

US- United States

CN- Canada

C6- EC, Original Six

C3- EC, New Three

WE- Other Western Europe

JP- Japan

AZ- Oceania

SF- South Africa

EE- Eastern Europe

SV- Soviet Union

CH- People's Republic of China

MC- Middle America

AR- Argentina

BZ- Brazil

VN- Venezuela

LA- Other South America

NH- High-income North Africa and Middle East

NL- Low-income North Africa and Middle East

EF- East Africa

CF- Central Africa

ND- India

OS- Other South Asia

TH- Thailand

OE- Other Southeast Asia

DO- Indonesia

EH- High-income East Asia

EL- Low-income East Asia

RW- Rest of world

The second two spaces (3 and 4) are functional indicators:

-HA- Area in hectares

-QD- Quantity demanded

-QS- Quantity supplied

-QT- Quantity traded internationally or interregionally, net. Imports are negative, exports are positive.

-PD- Demand price

-PS- Supply price

-PT- Trade price

-PL- Levy price (variable levy)

-CO- Consumption quantity

-EQ- Equilibrium condition

-DS- Demand-supply equilibrium

-SD- Supply-demand equilibrium

-RP- Regional price

-ST- Relationship between a supply price and a trade price

-DT- Relationship between a demand price and a trade price

The third two spaces (5 and 6) signify commodities. Space 5 gives the broad designation, with further breakdown indicated in space 6:

-B.- Beef, including veal

-BT- Beef, table

-BP- Beef, process

-P.- Pork

-Z.- Poultry

-V.- Mutton, including lamb and goat

-L.- Milk and dairy products

-LM- Fluid milk

-LB- Butter

-LC- Cheese

-E.- Eggs

-G.- Total grain

-GH- Grain for human demand

-GF- Grain for livestock feed

-W.- Wheat

-WH- Wheat for human demand

-WF- Wheat for livestock feed

-R.- Rice

-RH- Rice for human demand

-C.- Coarse grains

-CH- Coarse grains for human demand

-CF- Coarse grains for livestock feed

-K.- Oilseeds, meal equivalent, including principally soybeans

-KH- Oilseeds for human demand

-KF- Oilseeds for livestock feed

-S.- Soybeans, meal equivalent

-SH- Soybeans for human demand

In the context of land area (-HA-), spaces 5 and 6 have the following significance:

-T.- Total

The fourth two spaces (7 and 8) comprise a currency code, independently specified for each region:

-CD U.S. dollar

-CC Canadian dollar

-CU European Community unit of account (=U.S. dollar in 1970)

-CE Dollar equivalent

-CY Japanese yen

-CA Australian dollar

-CP Argentine new peso

Appendix II. Composition of World GOL Regions.

Region	Code	Composition
I. Developed Countries:		
United States	US	United States
Canada	CN	Canada
EC-6	C6	Belgium, France, West Germany, Italy, Luxembourg, Netherlands
EC-3	C3	Denmark, Ireland, United Kingdom
Other Western Europe	WE	Austria, Finland, Greece, Iceland, Malta, Norway, Portugal, Spain, Sweden, Switzerland
Japan	JP	Japan
Oceania	AZ	Australia, New Zealand
South Africa	SF	Botswana, Lesotho, Namibia, Republic of South Africa, Swaziland
II. Centrally Planned Countries:		
Eastern Europe	EE	Albania, Bulgaria, Czechoslovakia, East Germany, Hungary, Poland, Romania, Yugoslavia
Soviet Union	SV	Soviet Union
China	CH	People's Republic of China
III. Developing Countries:		
Middle America	MC	Mexico, Bahamas, Bermuda, Costa Rica, Dominican Republic, El Salvador, Guatemala, Haita, Honduras, British Honduras, Jamaica, Nicaragua, Panama, Trinidad & Tobago, Other Caribbean Islands
Argentina	AR	Argentina
Brazil	BZ	Brazil
Venezuela	VN	Venezuela
Other South America	LA	Bolivia, Chile, Colombia, Ecuador, French Guiana, Paraguay, Peru, Surinam, Uruguay

Continued

Region	Code	Composition
High-income North Africa and Middle East	NH	Algeria, Bahrain, Cyprus, Iran, Iraq, Israel, Kuwait, Libya, Oman, Qatar, Saudi Arabia, United Arab Emirates
Low-income North Africa and Middle East	NL	Egypt, Jordan, Lebanon, Morocco, Sudan, Syria, Tunisia, Turkey, Yemen (Aden), Yemen (Sana)
East Africa	EF	Kenya, Malagasy Republic, Malawi, Mozambique, Rhodesia, Tanzania, Uganda, Zambia
Central Africa	CF	Angola, Burundi, Cameroon, Central African Empire, Chad, Congo, Ethiopia, Djibouti, Benin, Gabon, Gambia, Ghana, Guinea, Equatorial Guinea, Guinea-Bissau, Ivory Coast, Liberia, Mali, Mauritania, Mauritius, Niger, Nigeria, Reunion, Rwanda, Senegal, Sierra Leone, Somalia, Togo, Upper Volta, Zaire
India	ND	India
Other South Asia	OS	Afghanistan, Bangladesh, Bhutan, Nepal, Pakistan, Sri Lanka
Thailand	TH	Thailand
Other Southeast Asia	OE	Burma, Cambodia, Laos, South Vietnam 1/
Indonesia	DO	Indonesia
High-income East Asia	EH	Hong Kong, Singapore, South Korea, Taiwan, Brunei
Low-income East Asia	EL	Malaysia, Philippine Islands
Rest of world	RW	North Korea, North Vietnam 1/, Mongolia, Cuba, Pacific Islands, Papua-New Guinea

1/ The model was designed before the reunification of North and South Vietnam into the People's Republic of Vietnam.