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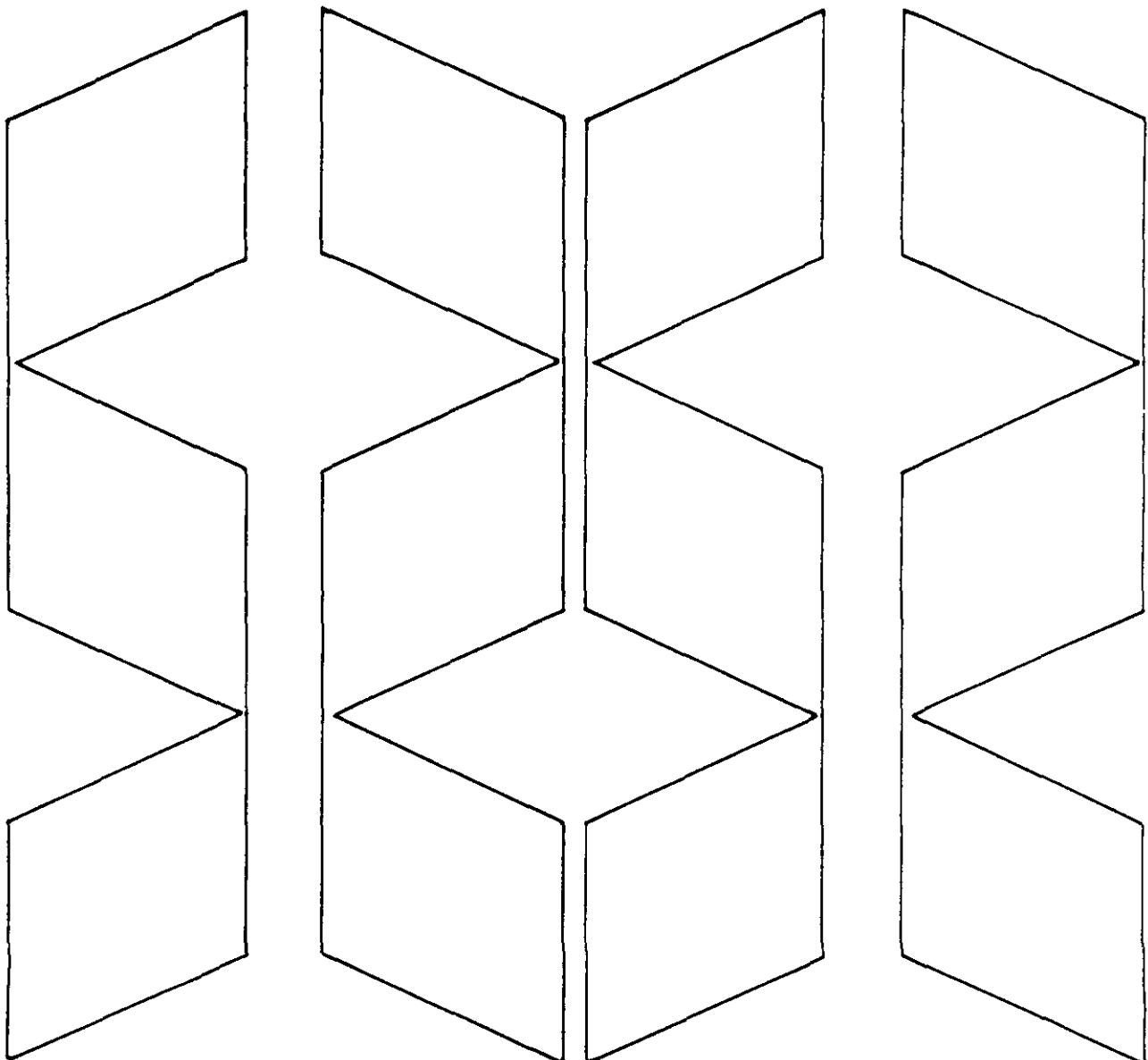


Fact Finding
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August 1989
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Farm Production Expenditures

1988 Summary



1988 FARM PRODUCTION EXPENDITURES

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PRODUCTION EXPENDITURES

HIGHLIGHT

Farm production expenditures totaled \$118.4 billion in 1988, up 7.5 percent from \$110.1 billion in 1987. Expenditures were higher for all major categories except interest which decreased 3.7 percent and building and fencing which decline 10 percent. Farm services including rent, the largest 1988 expenditures by farmers at \$24.6 billion, accounted for 21 percent of the Nation's production expenses. This level was 2.7 percent above 1987. Feed expenses totaled \$17.9 billion and accounted for 15 percent of the U.S. total. Average expenditures per farm were \$54,956, an increase of \$4,165 from 1987.

Large farm (sales over \$100,000) expenditures averaged \$271,481 and accounted for over 68 percent of the U.S. total. Purchases of farm services, feed, labor, and livestock & poultry were major expenses (nearly 60 percent of the total) for operations with sales over \$100,000. The large farms accounted for more than one-half of the U.S. expenses for farm services, feed, labor, livestock & poultry, farm machinery, interest, and fertilizer.

Medium sized far (sales of \$40,000-\$100,000) expenses averaged \$75,371 for 1988 and contributed 16 percent of the U.S. total. Leading expenditures farm services, feed, and farm machinery.

Small farm (sales less than \$40,000) expenditures averaged \$15,464 and accounted for 15 percent of the Nation's production expenses. The three leading expenditure categories for small farms were feed, farm services, and farm machinery.

MAJOR FARM PRODUCTION EXPENDITURES

EXPENDITURE - FARM SHARE :	1987	:	1988	
	DOLLARS (MILLIONS)	PERCENT OF TOTAL	DOLLARS (MILLIONS)	PERCENT OF TOTAL
TOTAL FARM PRODUCTION EXPENDITURES 7/ 8/	110,142	100.0	118,362	100.0
LIVESTOCK, POULTRY & OTHER RELATED EXPENSES 9/	10,688	9.7	13,607	11.5
FEED	14,869	13.5	17,915	15.1
FARM SERVICES EXCLUDING RENT 10/ 11/ 28/	13,827	12.6	14,610	12.3
RENT	10,160	9.2	10,020	8.5
AGRICULTURAL CHEMICALS 13/	3,754	3.4	3,859	3.3
FERTILIZER, LIME & SOIL CONDITIONERS 14/	6,399	5.8	6,958	5.9
INTEREST	8,685	7.9	8,365	7.1
TAXES (REAL ESTATE & PROPERTY)	2,730	2.5	3,928	3.3
LABOR	10,003	9.1	10,224	8.6
FUELS & LUBRICANTS	4,351	3.9	4,450	3.8
FARM SUPPLIES 16/	1,895	1.7	2,249	1.9
BUILDING & FENCING	2,482	2.2	2,226	1.9
FARM & LAND IMPROVEMENTS	766	.7	943	.8
FARM MACHINERY 17/ 18/ 19/ 20/	10,998	10.0	11,501	9.7
SEEDS & PLANTS 21/ 22/	3,540	3.2	3,692	3.1
TRUCKS & AUTOS 23/	1,848	1.7	2,058	1.7

SEE FOOTNOTES, PAGE 59.

THE SURVEY

The farm production expenditure information contained in this publication is the result of a sample survey of over 26,000 farms and ranches contacted in February and March of 1989. The 1988 FCRS target population is defined as "all establishments from which \$1,000 or more of agricultural products are sold or could be sold during the year". Types of establishments included in the survey are those listed in the Federal Government Standard Industrial Code (SIC) for agricultural production of crops and livestock--major group codes 01 and 02. Establishments engaged primarily in the production of field crops, vegetables, fruits, nuts, and horticultural specialties are included in the crops code. Livestock includes the production of cattle, hogs, sheep, goats, horses, poultry and eggs, turkeys, milk and honey. Also included are other animal specialties such as production of rabbits, fur-bearing animals, and fish produced in captivity.

Samples were selected from two sources. The first source was a list of operators of farms and ranches, including orchards, nurseries, greenhouses, dairies, feedlots, broiler operations, and production units which would qualify as agricultural producers. The sample from the list frame represented the larger, more specialized operations. The second source was an area frame sample where the 48 contiguous States were divided into small sampling units, each with a known probability of selection. Farm operators residing in a selected sample of these area units were surveyed. Since all of the operators on the list frame are also part of the area frame, rigorous procedures are followed to assure that an operation is included only once. The area frame represents the farms that are not included in the list frame.

Some of the measures taken to assure that data were collected uniformly and consistently across the United States were: special training of State survey data collectors and use of screening questionnaires to determine if the sampled units qualified as farms.

DATA RELIABILITY

Sample survey results are only indications of the total population. They may differ somewhat from the data that would be gathered in a complete census using the same questionnaires, instructions, and enumerators. A measure of this sample variability, called sampling error, is available from survey results. Sampling errors may be expressed as a percentage of the estimate. These percentages are referred to as coefficients of variation (C.V.) and are shown for selected groups of items.

Data from sample surveys are also influenced by non-sampling errors, which are not measurable or known. Non-sampling errors may be introduced by enumerators, respondents, questionnaire design, and field and office procedures. Efforts are made to minimize these errors and maintain survey accuracy by training of data collectors, detailed review and edit checking of data, and analysis of data for comparability and consistency.

PRODUCTION EXPENDITURES: EXPENDITURES AND RELATED
COEFFICIENTS OF VARIATION, UNITED STATES 2/, 1988

EXPENDITURE - FARM SHARE	PERCENT OF FARMS REPORTING 3/	DOLLAR VALUE (000)	C.V. PERCENT 5/
TOTAL FARM PRODUCTION EXPENDITURES 7/ 8/	100.0	118,361,751	2.0
LIVESTOCK, POULTRY & OTHER RELATED EXPENSES 9/	41.5	13,607,228	6.4
CATTLE PURCHASED	28.3	11,137,770	7.5
HOGS & PIGS PURCHASED	10.3	1,308,065	10.7
POULTRY PURCHASED	4.6	641,353	17.1
FEED	73.8	17,914,533	4.9
GRAINS	24.1	3,732,322	10.9
PROTEIN MEAL OR CONC.	25.8	3,453,500	7.3
COMPLETE RATIONS AND FORMULA FEEDS	29.2	6,613,164	10.3
FARM SERVICES 10/ 11/ 28/	98.6	24,630,443	2.0
CROP CUSTOM SERVICES	40.9	1,723,266	3.3
LIVESTOCK CUSTOM SERVICES	13.0	602,160	12.6
TRANSPORTATION	34.6	1,107,937	4.5
RENT	40.5	10,020,172	2.6
MARKETING & STORAGE	55.1	1,656,056	4.6
INSURANCE	85.4	2,761,457	7.9
UTILITIES	84.4	3,149,994	2.0
AGRICULTURAL CHEMICALS 13/	62.6	3,858,857	2.7
FERTILIZER 14/	70.0	6,957,661	2.2
INTEREST	51.5	8,365,498	2.4
FARM REAL ESTATE	39.3	5,721,416	2.8
OPERATING LOANS	27.8	2,644,083	3.0
TAXES (PROPERTY & REAL ESTATE)	95.3	3,927,991	1.9
LABOR	41.5	10,224,049	4.3
CASH WAGES	35.1	8,048,844	5.3
CONTRACT	9.2	961,226	16.1
FUELS & LUBRICANTS	92.1	4,450,295	1.8
DIESEL FUEL	63.4	2,119,383	2.8
GASOLINE - BULK	40.2	960,701	3.7
GASOLINE - SERVICE STATION	47.0	454,708	5.0
FARM SUPPLIES	69.4	2,249,287	4.5
SUPPLIES USED IN PRODUCTION 16/	68.0	1,694,515	3.7
CONTAINERS USED FOR MARKETING	5.0	554,771	15.6
BUILDING & FENCING	51.8	2,226,172	5.3
NEW CONSTRUCTION & REMODELING	19.2	1,503,013	7.5
FARM & LAND IMPROVEMENTS	17.1	943,058	6.1
NEW CONSTRUCTION	8.3	640,050	7.1
TOTAL FARM MACHINERY 17/ 18/ 19/ 20/	85.9	11,501,268	2.6
TRACTORS	10.4	2,218,306	9.5
OTHER MACHINERY & EQUIPMENT	30.9	3,212,097	3.3
SELF-PROPELLED MACHINERY	5.1	1,085,030	12.3
NON SELF-PROPELLED MACHINERY	28.7	2,127,067	5.1
REPAIRS & REPLACEMENT PARTS	82.8	5,273,724	1.8
SEEDS & PLANTS 21/ 22/	63.9	3,692,164	4.0
FIELD CROPS & SMALL GRAINS	48.7	2,486,737	3.4
TRUCKS & AUTOS 23/	19.0	2,058,496	3.8
TRUCKS INCL BEDS, HYDR SYSTEMS, ETC.	15.0	1,807,080	5.5
OTHER UNALLOCATED EXPENSES 27/	7.0	1,754,751	6.7

SEE FOOTNOTES, PAGE 59.

FARM EXPENDITURES

The National survey results are shown in substantially the same detail as obtained from the respondents. Expenditures were recorded for goods and services that were used for the farm or ranch business. All sales and excise taxes, shipment or delivery charges, finance and carrying charges, and installation fees were included in the total cost. Only net costs were recorded when trade-in allowances or discounts were part of the transaction. For taxes, the respondents were asked to report the amount due during that survey year whether or not payment was made in that year. Any reported interest expenses paid by the landlord were included in other unallocated expenses.

It is not feasible to have a questionnaire that breaks down all of the items farm operators purchase each year. Therefore, respondents were asked to report expenditures for groups of items: i.e., seeds and plants, fertilizer, chemicals, livestock and poultry, feed, fuel, autos and trucks, farm machinery, repairs, capital improvements, farm services, and wages. The category "unallocated other expenditures," was for miscellaneous and specialized farming expenses not covered elsewhere in the questionnaire. Expenses associated with purchases of government commodity certificates are reported as unallocated expenses. In 1988, non-itemized miscellaneous expenses paid by the landlord are included as unallocated expenses.

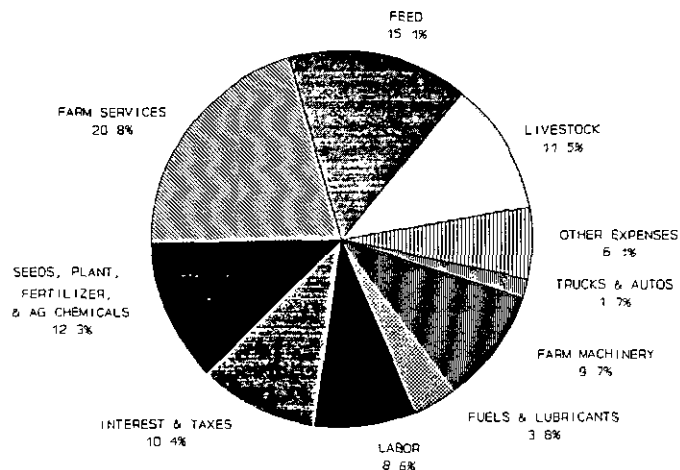
Expenditures applicable to both farm production and family living were allocated by the respondent reporting either on a dollar value or a percentage for the farm business share. Outlays for buying and operating motor vehicles, utility expenses, liability and building insurance were allocated by using the percentage reported as farm share. All expenses for farm real estate taxes, mortgage, interest, and legal settlement fees in connection with buying or selling farm real estate were allocated to the farm. Expenses paid by a landlord were included if associated with the selected operations farm business. Expenses associated with the operator owned dwelling were excluded.

DATA COMPARABILITY

Expenditure data in 1988 are directly comparable with 1987 data. The 1988 FCRS target population is defined as "any establishments from which \$1,000 or more of agricultural products were sold or would normally be sold during the year". This population definition ensures comparability with other NASS survey data used to estimate farm numbers.

Expenditure data in this report will differ from production expense estimates in the farm income tables published in the "Economic Indicators of the Farm Section" issued by the Economic Research Service of the USDA. The farm income estimates treat agriculture as a sector within the U.S. economy. Not all transactions between the farms are measured in the income accounts since many cancel within the farm sector. An example is expenses incurred for custom services performed by a farm establishment such as feedlots. In addition, there are some other conceptual and definitional differences. Overall, the total farm production expenditures will generally exceed the estimated expenses shown in the farm income accounts.

1988 MAJOR FARM EXPENDITURES
AS A PERCENT OF TOTAL



PRODUCTION EXPENDITURES: UNITED STATES 2/, 1988

EXPENDITURE - FARM SHARE	FARMS REPORTING 3/	AVERAGE PER FARM 4/	TOTAL EXPENDITURE 7/
	PERCENT	DOLLARS	1,000 DOLLARS
TOTAL FARM PRODUCTION EXPENDITURES 8/	100.0	54,956	118,361,751
LIVESTOCK & POULTRY:	41.5	6,318	13,607,228
CATTLE PURCHASED	28.3	5,171	11,137,770
BEEF BREEDING	15.2	937	2,019,046
MILK PRODUCTION	3.9	458	987,279
MEAT PRODUCTION	12.1	3,775	8,131,446
HOGS & PIGS PURCHASED	10.3	607	1,308,065
BREEDING HERDS	5.6	107	230,941
MEAT PRODUCTION	5.3	500	1,077,124
SHEEP & LAMBS PURCHASED	2.2	87	*187,375
POULTRY PURCHASED	4.6	298	641,353
BROILER	2.4	204	438,645
EGG TYPE	2.1	58	125,922
TURKEYS	0.4	36	*76,786
OTHER LIVESTOCK & POULTRY EXPENSES 9/	5.8	154	332,664
FEED:	73.8	8,318	17,914,533
GRAINS	24.1	1,733	3,732,322
HAYS & FORAGES	29.9	903	1,945,125
COMPLETE RATIONS OR FORMULA FEEDS	29.2	3,071	6,613,164
PROTEIN MEALS OR CONCENTRATES	25.8	1,603	3,453,500
SUPPLEMENTS	19.1	642	1,382,086
MINERALS, SALTS & ADDITIVES	49.2	366	788,335
FARM SERVICES:	98.6	11,436	24,630,443
CROP CUSTOM SERVICES	40.9	800	1,723,266
LAND TILLAGE & CULTIVATION	3.5	50	108,107
PLANTING & SEEDING	4.5	43	92,346
HARVESTING	28.8	478	1,028,421
HAY, FORAGE & STRAW	18.2	156	336,982
SMALL GRAIN	6.2	95	205,177
CORN	5.8	65	139,016
SOYBEANS & GRAIN SORGHUM	5.3	59	127,154
COTTON	0.5	31	66,248
OTHER FIELD CROPS, VEGETABLES, FRUITS & NUTS	1.9	71	153,844
OTHER CUSTOM SERVICES FOR CROPS	8.1	75	160,779
LIVESTOCK CUSTOM SERVICES	13.0	280	602,160
FEEDING & GRAZING ON A PER HEAD OR GAIN BASIS 10/	0.9	116	*250,699
PASTURING LIVESTOCK ON PRIVATE LAND	3.3	175	*377,335
FEED GRINDING & MIXING	5.7	42	91,400
TRANSPORTATION	34.6	514	1,107,937
VET SUPPLIES, SVCS, TESTING & BREEDING	56.8	577	1,242,488
RENT	40.5	4,652	10,020,172
CASH	31.6	2,234	4,812,021
SHARE	15.6	2,418	5,208,151
MARKETING & STORAGE	55.1	769	1,656,056
CROPS INCLUDING HORTICULTURAL	22.2	462	994,500
MILK & DAIRY PRODUCTS	6.9	140	301,976
LIVESTOCK & POULTRY	40.2	167	359,579

SEE FOOTNOTES, PAGE 59.

PRODUCTION EXPENDITURES: UNITED STATES 2/, 1988

EXPENDITURE - FARM SHARE	FARMS REPORTING 3/	AVERAGE PER FARM 4/	TOTAL EXPENDITURE 7/
	PERCENT	DOLLARS	1,000 DOLLARS
INSURANCE	85.4	1,282	2,761,457
BLANKET POLICY	84.0	988	2,128,094
FEDERAL CROP	9.4	142	305,732
OTHER CROP & LIVESTOCK	14.5	152	327,631
LEASING 11/	5.6	206	444,056
TRACTORS	1.7	68	147,402
TRUCKS & AUTOS	0.9	17	*37,149
IRRIGATION EQUIPMENT	0.2	19	40,053
FARM SERVICE & STORAGE STRUCTURES	0.4	18	*37,819
OTHER EQUIPMENT	3.2	84	181,633
MISC. FARM BUSINESS EXPENSES 12/	91.2	893	1,922,858
GENERAL FARM BUSINESS	75.0	559	1,204,919
IRRIGATION	6.0	175	377,909
REGISTRATION & LICENSE FEES	82.4	109	234,929
FARM OFFICE EQUIPMENT PURCHASES	6.1	49	105,101
UTILITIES	84.4	1,463	3,149,994
TELEPHONE	64.4	193	416,457
WATER (EXCLUDING IRRIGATION)	12.4	39	83,809
ELECTRICITY	85.3	1,230	2,649,728
EXCLUDING IRRIGATION	84.3	1,008	2,170,328
FOR IRRIGATION	6.1	223	479,400
AG CHEMICALS & SPRAYS: 13/	62.6	1,792	3,858,857
CROP PESTICIDES & CHEMICALS	48.2	1,688	3,635,630
LIVESTOCK SPRAYS & CHEMICALS	25.8	104	223,227
FERTILIZER: 14/	70.0	3,230	6,957,661
COMMERCIAL FERTILIZERS	67.7	3,039	6,544,200
LIME & SOIL CONDITIONERS	16.3	192	413,461
INTEREST:	51.5	3,884	8,365,498
FARM REAL ESTATE	39.3	2,656	5,721,416
OPERATING LOANS	27.8	1,228	2,644,083
TAXES: (REAL ESTATE & PROPERTY)	95.3	1,824	3,927,991
REAL ESTATE	92.3	1,621	3,491,848
LABOR:	41.5	4,747	10,224,049
CASH WAGES	35.1	3,737	8,048,845
CONTRACT LABOR	9.2	446	961,226
INSURANCE & RETIREMENT PLANS	3.6	155	333,136
FICA & OTHER COMPENSATION TAXES	13.5	409	880,842
FRINGE BENEFITS - CASH VALUE	10.6	226	486,246
BOARD, HOUSING, ETC.	5.1	143	307,962
TRANS, FOOD, FUELS & UTILITIES	10.5	83	178,284
FUELS & LUBRICANTS:	92.1	2,066	4,450,295
DIESEL	63.4	984	2,119,382
GASOLINE - BULK	40.2	446	960,701
GASOLINE - SERVICE STATION	47.0	211	454,708
L.P. GAS	14.1	177	380,634
NATURAL GAS	2.0	89	191,237
OTHER (COAL, KEROSENE, WOOD, ETC.)	3.1	20	43,902
MOTOR OILS, GREASE & SPECIAL FLUIDS	74.0	139	299,730

SEE FOOTNOTES, PAGE 59.

PRODUCTION EXPENDITURES: UNITED STATES 2/, 1988

EXPENDITURE - FARM SHARE	FARMS REPORTING 3/	AVERAGE PER FARM 4/	TOTAL EXPENDITURE 7/
	PERCENT	DOLLARS	1,000 DOLLARS
FARM SUPPLIES:	69.4	1,044	2,249,287
SUPPLIES USED IN PRODUCTION 16/	68.0	787	1,694,515
CONTAINERS USED FOR MARKETING	5.0	258	554,771
BUILDING & FENCING:	51.8	1,034	2,226,172
NEW CONSTRUCTION & REMODELING	19.2	698	1,503,013
BUILDING CONSTRUCTION & REMODELING	8.9	574	1,235,318
FENCING	12.3	124	267,695
REPAIRS & MAINTENANCE	41.3	336	723,159
BUILDINGS	22.9	248	533,477
FENCINGS	27.5	88	189,681
FARM & LAND IMPROVEMENTS: 26/	17.1	438	943,058
NEW CONSTRUCTION	8.3	297	640,050
LAND IMPROVE (DRAINAGE, ROADS, ETC.)	3.5	71	151,877
IRRIGATION (WELLS, PUMPING & DISTR)	1.7	142	306,530
OTHER FARM IMPROVE (FEEDLOTS ETC.)	3.6	57	123,643
MAINTENANCE & REPAIRS	10.2	141	303,008
LAND IMPROVE (DRAINAGE, ROADS, ETC.)	2.6	27	57,649
IRRIGATION (WELLS, PUMPING & DISTR)	2.3	59	126,348
OTHER FARM IMPROVE (FEEDLOTS, ETC.)	5.3	36	77,252
TOTAL FARM MACHINERY: 17/	85.9	5,340	11,501,268
TRACTORS	10.4	1,030	2,218,306
NEW	2.3	530	*1,142,142
USED	8.6	500	1,076,164
OTHER MACHINERY & EQUIPMENT	30.9	1,491	3,212,097
SELF-PROPELLED MACHINERY	5.1	504	1,085,030
PLANTING, FERTILIZING, & CHEMICAL	0.3	12	*25,390
HARVESTING	2.6	383	825,077
HAYING	0.7	24	51,283
MISC. SELF PROPELLED			
MACHINERY & EQUIPMENT	1.9	85	183,280
NON SELF-PROPELLED MACHINERY	28.7	988	2,127,067
TILLAGE	10.4	215	463,923
PLANTING, FERTILIZING & CHEMICAL	6.9	187	403,208
HARVESTING	3.2	104	224,489
HAYING	8.8	242	521,337
MISC. NON SELF-PROPELLED			
MACHINERY & EQUIPMENT 18/	11.6	239	514,110
LIVESTOCK & POULTRY EQUIPMENT 19/	10.5	238	511,891
MACHINERY ACCESSORIES & SHOP			
EQUIPMENT	6.5	38	82,515
FARM SHOP POWER EQUIPMENT	21.0	94	202,735
REPAIRS & REPLACEMENT PARTS	82.8	2,449	5,273,724
SEEDS & PLANTS: 21/	63.9	1,714	3,692,164
FIELD CROPS & SMALL GRAINS	48.7	1,155	2,486,736
LEGUMES GRASSES & FORAGES	25.0	156	336,384
SEEDS & PLANTS FOR OTHER CROPS	6.1	362	780,216
OTHER SEED RELATED EXPENSES 22/	6.3	41	88,827
TRUCKS & AUTOS: 23/	19.0	956	2,058,496
TRUCKS INCL BEDS, HYDR SYSTEMS, ETC.	15.0	839	1,807,080
NEW	6.1	535	1,152,923
USED	9.2	304	654,157
AUTOS	5.3	117	251,416
OTHER UNALLOCATED EXPENSES: 27/	7.0	815	1,754,751

SEE FOOTNOTES, PAGE 59.

FARM PRODUCTION EXPENDITURES - 1987 AND 1988
UNITED STATES 2/

EXPENDITURE - FARM SHARE	FARMS		AVERAGE		TOTAL	
	REPORTING 3/	1987 : 1988	PER FARM 4/	1987 : 1988	EXPENDITURES 7/	1987 : 1988
	PERCENT		DOLLARS		MILLION DOLLARS	
TOTAL EXPENDITURES 8/	100.0	100.0	50,791	54,956	110,142	118,362
LIVESTOCK & POULTRY:	41.8	41.5	4,929	6,318	10,688	13,607
CATTLE PURCHASED	28.6	28.3	3,817	5,171	8,278	11,138
HOGS & PIGS PURCHASED	9.7	10.3	405	607	879	1,308
POULTRY PURCHASED	5.9	4.6	415	298	900	641
OTHER LIVESTOCK & POULTRY EXPENSES 9/	7.3	5.8	212	154	460	333
FEED:	72.8	73.8	6,857	8,318	14,869	17,915
GRAINS	23.0	24.1	1,181	1,733	2,560	3,732
HAYS & FORAGES	24.8	29.9	669	903	1,451	1,945
COMPLETE RATION/FORMULA FEED:	28.2	29.2	2,752	3,071	6,081	6,613
PROTEIN MEAL OR CONC.	26.5	25.8	1,217	1,603	2,640	3,454
SUPPLEMENTS	19.2	19.1	558	642	1,211	1,382
MINERALS, SALTS & ADDITIVES	50.1	49.2	427	366	927	788
FARM SERVICES: 10/ 28/	99.1	98.6	11,061	11,436	23,987	24,630
CROP CUSTOM SERVICES	38.4	40.9	697	800	1,511	1,723
LIVESTOCK CUSTOM SERVICES	12.5	13.0	186	280	404	602
TRANSPORTATION	34.4	34.6	528	514	1,146	1,108
VET SUPPLIES, SVCS, ETC.	58.8	56.8	443	577	1,199	1,242
CASH RENT	30.9	31.6	2,071	2,234	4,492	4,812
SHARE RENT	18.2	15.6	2,614	2,418	5,668	5,208
MARKETING & STORAGE	55.7	55.1	922	769	1,999	1,656
INSURANCE	86.2	85.4	1,104	1,282	2,394	2,761
LEASING 11/	6.3	5.6	198	206	429	444
MISC. FARM BUSINESS 12/	92.4	91.2	834	893	1,809	1,923
UTILITIES	85.0	84.4	1,354	1,463	2,936	3,150
ELECTRICITY	87.1	85.3	1,137	1,230	2,465	2,650
AG CHEMICALS & SPRAYS: 13/	69.3	62.6	1,731	1,792	3,754	3,859
FERTILIZER: 14/	72.1	70.0	2,951	3,230	6,399	6,958
COMMERCIAL FERTILIZERS	70.3	67.7	2,787	3,039	6,044	6,544
INTEREST:	53.6	51.5	4,005	3,884	8,685	8,365
FARM REAL ESTATE	41.2	39.3	5,697	2,656	5,849	5,721
OPERATING LOAN	29.9	27.8	1,308	1,228	2,836	2,644
TAXES (PROPERTY & REAL ESTATE)	90.0	95.3	1,259	1,824	2,730	3,928
LABOR:	45.3	41.5	4,613	4,747	10,003	10,224
CASH WAGES	39.7	35.1	3,637	3,737	7,886	8,049
FUELS & LUBRICANTS:	92.7	92.1	2,006	2,066	4,351	4,450
DIESEL	64.5	63.4	984	984	2,135	2,119
GASOLINE - BULK	44.6	40.2	442	446	959	961
GASOLINE - SERVICE STATION	46.8	47.0	189	211	410	455
FARM SUPPLIES:	73.3	69.4	874	1,044	1,895	2,249
SUPPLIES USED IN PROD. 16/	72.1	68.0	561	787	1,216	1,695
CONTAINERS USED FOR MKTG	5.2	5.0	313	258	679	555
BUILDING & FENCING:	54.9	51.8	1,145	1,034	2,482	2,226
NEW CONSTRUCTION & REMODELING	22.9	19.2	775	698	1,680	1,503
FARM & LAND IMPROVEMENTS:	20.5	17.1	353	438	766	943
NEW CONSTRUCTION	10.2	8.3	238	297	517	640
FARM MACHINERY 17/ 18/ 19/ 20/	86.7	85.9	5,072	5,340	10,998	11,501
SEEDS & PLANTS: 21/ 22/	66.8	63.9	1,633	1,714	3,540	3,692
TRUCKS & AUTOS: 23/	19.3	19.0	852	956	1,848	2,058
TRUCKS INCL BEDS, HYDR SYSTEMS, ETC.	15.1	15.0	726	839	1,574	1,807

SEE FOOTNOTES, PAGE 59.

EXPENDITURES BY FARM TYPE - CROP, 1987 AND 1988
UNITED STATES 2/

EXPENDITURE - FARM SHARE	FARMS		AVERAGE		TOTAL	
	REPORTING 3/	1987 : 1988	PER FARM 4/	1987 : 1988	EXPENDITURES 7/	1987 : 1988
	PERCENT		DOLLARS		MILLION DOLLARS	
TOTAL EXPENDITURES 8/	100.0	100.0	76,394	76,666	52,002	52,178
LIVESTOCK & POULTRY:	22.9	21.6	1,723	1,812	1,173	1,233
CATTLE PURCHASED	13.1	11.6	1,226	1,334	834	908
HOGS & PIGS PURCHASED	7.4	6.6	348	366	237	249
POULTRY PURCHASED	2.7	3.1	37	59	25	40
OTHER LIVESTOCK & POULTRY EXPENSES 9/	4.0	2.5	64	33	44	22
FEED:	38.2	38.8	1,376	2,109	937	1,436
GRAINS	11.3	10.9	228	303	155	206
HAYS & FORAGES	7.6	10.1	73	162	50	111
COMPLETE RATION OR FORMULA FEED:	10.8	11.8	422	831	287	566
PROTEIN MEAL OR CONCENTRATES	12.3	11.7	300	481	205	328
SUPPLEMENTS	11.7	11.4	277	255	188	174
MINERALS, SALTS & ADDITIVES	24.7	22.9	77	76	53	52
FARM SERVICES: 10/ 28/	99.2	98.4	20,925	20,728	14,244	14,107
CROP CUSTOM SERVICES	43.0	46.3	1,486	1,707	1,011	1,162
LIVESTOCK CUSTOM SERVICES	3.0	6.4	48	53	33	36
TRANSPORTATION	25.2	23.9	492	455	335	310
VET SUPPLIES, SVCS, ETC.	28.9	27.8	148	174	101	118
CASH RENT	30.1	30.9	4,281	4,394	2,914	2,991
SHARE RENT	32.0	27.2	6,970	6,135	4,745	4,175
MARKETING & STORAGE	48.5	47.3	1,591	1,462	1,083	995
INSURANCE	87.1	87.2	1,928	2,324	1,313	1,581
LEASING 11/	8.0	7.4	458	477	312	324
MISC. FARM BUSINESS 12/	94.0	92.3	1,583	1,523	1,078	1,036
UTILITIES	85.3	83.7	1,938	2,026	1,319	1,379
ELECTRICITY	85.7	82.4	1,636	1,722	1,114	1,172
AG CHEMICALS & SPRAYS: 13/	80.3	73.9	4,282	4,339	2,915	2,953
FERTILIZER: 14/	85.7	82.0	6,412	6,789	4,365	4,621
COMMERCIAL FERTILIZERS	84.8	81.0	6,110	6,439	4,159	4,382
INTEREST:	59.7	58.4	6,473	5,726	4,406	3,897
FARM REAL ESTATE	44.2	43.9	4,299	3,998	2,927	2,721
OPERATING LOAN	37.1	33.7	2,173	1,728	1,479	1,176
TAXES (PROPERTY & REAL ESTATE)	89.0	96.1	1,969	2,886	1,340	1,964
LABOR:	52.1	48.2	8,908	9,558	6,064	6,505
CASH WAGES	47.3	42.8	6,247	7,254	4,608	4,937
FUELS & LUBRICANTS:	94.9	93.8	3,777	3,603	2,571	2,452
DIESEL	73.3	71.2	2,023	1,910	1,377	1,300
GASOLINE - BULK	52.5	48.1	704	674	480	458
GASOLINE - SERVICE STATION	42.3	41.6	255	249	174	169
FARM SUPPLIES:	74.3	72.7	1,637	1,655	1,114	1,126
SUPPLIES USED IN PRODUCTION 16/	72.2	70.1	751	918	511	625
CONTAINERS USED FOR MARKETING	9.1	9.3	886	737	603	501
BUILDING & FENCING:	39.8	35.6	1,125	1,005	766	684
NEW CONSTRUCTION & REMODELING	7.7	12.3	787	681	536	464
FARM & LAND IMPROVEMENTS:	19.9	16.5	536	772	365	525
NEW CONSTRUCTION	9.5	7.8	365	513	248	349
FARM MACHINERY: 17/ 18/ 19/ 20/	88.9	87.8	8,502	8,343	5,787	5,678
SEEDS & PLANTS: 21/ 22/	83.9	79.8	3,908	3,938	2,660	2,680
TRUCKS & AUTOS: 23/	20.8	21.1	1,211	1,442	824	981
TRUCKS INCL BEDS, HYDR SYSTEMS, ETC.	19.8	15.7	1,050	1,248	714	849

SEE FOOTNOTES, PAGE 59.

EXPENDITURES BY FARM TYPE - LIVESTOCK, 1987 AND 1988
UNITED STATES 2/

EXPENDITURE - FARM SHARE	FARMS		AVERAGE		TOTAL	
	REPORTING 3/ 1987	1988	PER FARM 4/ 1987	1988	EXPENDITURES 7/ 1987	1988
	PERCENT		DOLLARS		MILLION DOLLARS	
TOTAL EXPENDITURES 8/	100.0	100.0	58,715	61,006	58,140	66,183
LIVESTOCK & POULTRY:	54.9	53.9	9,610	11,406	9,516	12,374
CATTLE PURCHASED	39.3	38.7	7,517	9,429	7,444	10,230
HOGS & PIGS PURCHASED	11.4	12.7	648	976	642	1,059
POULTRY PURCHASED	8.1	5.4	884	554	875	601
OTHER LIVESTOCK & POULTRY EXPENSES 9/	9.5	7.9	421	286	417	310
FEED:	96.5	95.8	14,070	15,190	13,932	16,479
GRAINS	30.9	32.6	2,430	3,243	2,406	3,518
HAYS & FORAGES	36.4	42.6	1,420	1,687	1,406	1,831
COMPLETE RATIONS OR FORMULA FEED	39.8	40.3	5,864	5,577	5,807	6,051
PROTEIN MEAL OR CONCENTRATES	35.9	34.8	2,455	2,885	2,431	3,130
SUPPLEMENTS	24.1	24.0	1,017	1,119	1,008	1,214
MINERALS, SALTS & ADDITIVES	67.1	65.9	883	678	875	736
FARM SERVICES: 10/ 28/	99.0	98.8	9,813	9,700	9,717	10,523
CROP CUSTOM SERVICES	35.3	37.5	504	518	499	562
LIVESTOCK CUSTOM SERVICES	17.5	17.2	349	522	345	566
TRANSPORTATION	40.7	41.3	819	736	811	798
VET SUPPLIES, SVCS, ETC.	80.0	75.1	1,109	1,036	1,098	1,124
CASH RENT	31.4	32.0	1,594	1,679	1,578	1,821
SHARE RENT	8.8	8.3	932	952	923	1,033
MARKETING & STORAGE	60.7	60.1	924	610	915	661
INSURANCE	84.9	84.2	1,093	1,088	1,082	1,180
LEASING 11/	5.2	4.5	118	110	117	120
MISC. FARM BUSINESS 12/	91.3	90.5	739	817	732	887
UTILITIES	84.8	84.8	1,633	1,633	1,617	1,771
ELECTRICITY	88.0	87.1	1,365	1,362	1,351	1,478
AG CHEMICALS & SPRAYS: 13/	61.7	55.5	847	835	839	906
FERTILIZER: 14/	62.8	62.5	2,055	2,154	2,035	2,337
COMMERCIAL FERTILIZERS	60.6	59.3	1,903	1,993	1,885	2,163
INTEREST:	49.4	47.2	4,321	4,119	4,279	4,468
FARM REAL ESTATE	39.2	36.5	2,951	2,901	2,922	3,148
OPERATING LOANS	25.0	24.1	1,370	1,217	1,357	1,321
TAXES (PROPERTY & REAL ESTATE)	90.7	94.9	1,404	1,810	1,390	1,964
LABOR:	40.6	37.4	3,978	3,428	3,939	3,719
CASH WAGES	34.5	31.5	3,311	2,861	3,278	3,104
FUELS & LUBRICANTS:	91.1	90.9	1,797	1,842	1,780	1,998
DIESEL	58.7	58.5	766	757	758	822
GASOLINE - BULK	39.3	35.2	484	462	478	501
GASOLINE - SERVICE STATION	49.8	50.4	238	262	236	284
FARM SUPPLIES:	70.5	66.9	814	1,035	806	1,123
SUPPLIES USED IN PRODUCTION 16/	69.9	66.6	738	1,002	730	1,087
CONTAINERS USED FOR MARKETING	2.5	2.3	76	33	76	36
BUILDING & FENCING:	65.2	61.9	1,734	1,422	1,717	1,542
NEW CONSTRUCTION & REMODELING	12.2	23.5	1,155	958	1,144	1,039
FARM & LAND IMPROVEMENTS:	20.8	17.5	405	385	401	418
NEW CONSTRUCTION	10.7	8.6	270	268	267	291
FARM MACHINERY: 17/ 18/ 19/ 20/	84.8	84.7	5,263	5,368	5,211	5,823
SEEDS & PLANTS: 21/ 22/	55.1	53.9	889	933	880	1,012
TRUCKS & AUTOS: 23/	18.2	17.7	1,034	993	1,024	1,077
TRUCKS INCL BEDS, HYDR SYSTEMS, ETC.	14.0	14.5	869	883	958	860

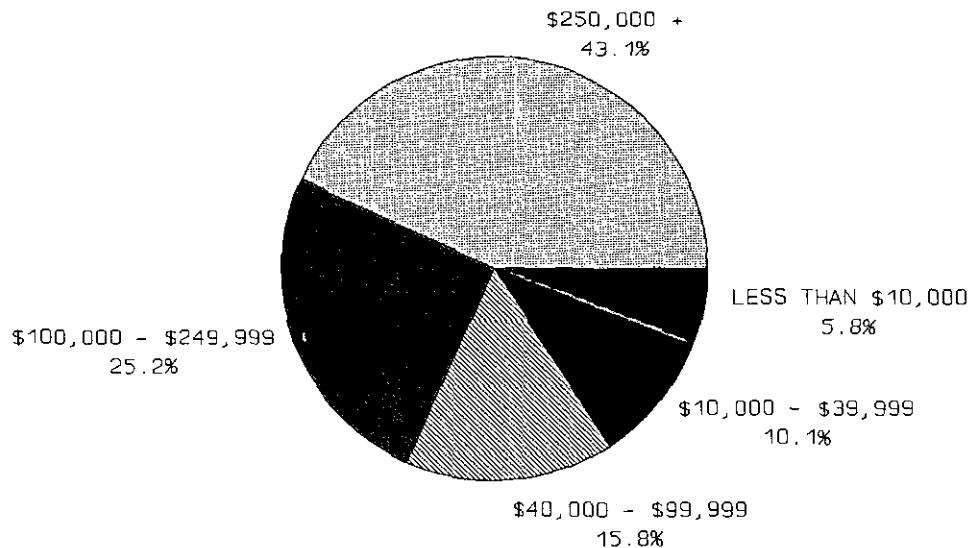
SEE FOOTNOTES, PAGE 59.

PRODUCTION EXPENDITURES; EXPENDITURES (FARM SHARE) AND RELATED COEFFICIENTS
OF VARIATION, BY ECONOMIC CLASS, UNITED STATES, 1988

GROSS VALUE OF SALES	TOTAL FARM EXPENDITURES		LIVESTOCK & POULTRY	
	EXPENDITURES	7/ : C.V. 5/	EXPENDITURES	7/ : C.V. 5/
	1,000 DOLLARS	PERCENT	1,000 DOLLARS	PERCENT
\$250,000+	50,957,962	3.7	7,881,323	9.1
\$100,000-\$249,999	29,804,288	3.0	2,211,034	9.0
\$40,000-\$99,999	18,745,440	4.7	1,426,106	10.9
\$10,000-\$39,999	11,937,862	6.0	1,577,026	25.6
LESS THAN \$10,000	6,916,200	3.9	511,739	9.8
	FEED		FARM SERVICES	
	EXPENDITURES	7/ : C.V. 5/	EXPENDITURES	7/ : C.V. 5/
	1,000 DOLLARS	PERCENT	1,000 DOLLARS	PERCENT
\$250,000+	8,652,358	7.9	9,481,843	4.2
\$100,000-\$249,999	3,875,034	5.8	7,145,553	3.4
\$40,000-\$99,999	3,217,472	14.3	4,157,926	3.8
\$10,000-\$39,999	1,478,779	11.8	2,389,025	4.4
LESS THAN \$10,000	681,890	6.0	1,452,136	4.2
	AGRICULTURAL CHEMICALS		FERTILIZER	
	EXPENDITURES	7/ : C.V. 5/	EXPENDITURES	7/ : C.V. 5/
	1,000 DOLLARS	PERCENT	1,000 DOLLARS	PERCENT
\$250,000+	1,698,569	4.7	2,523,504	4.4
\$100,000-\$249,999	1,237,788	4.3	2,136,852	3.6
\$40,000-\$99,999	594,805	4.9	1,273,934	5.4
\$10,000-\$39,999	262,157	5.5	710,463	5.8
LESS THAN \$10,000	65,537	7.1	312,908	5.3
	INTEREST		LABOR	
	EXPENDITURES	7/ : C.V. 5/	EXPENDITURES	7/ : C.V. 5/
	1,000 DOLLARS	PERCENT	1,000 DOLLARS	PERCENT
\$250,000+	2,959,498	4.6	6,624,952	6.4
\$100,000-\$249,999	2,259,609	4.0	1,947,964	4.9
\$40,000-\$99,999	1,424,825	5.1	974,898	8.9
\$10,000-\$39,999	930,348	7.5	509,285	8.6
LESS THAN \$10,000	791,219	6.6	166,950	11.0
	FUELS & LUBRICANTS		FARM MACHINERY	
	EXPENDITURES	7/ : C.V. 5/	EXPENDITURES	7/ : C.V. 5/
	1,000 DOLLARS	PERCENT	1,000 DOLLARS	PERCENT
\$250,000+	1,424,037	3.4	3,781,710	3.7
\$100,000-\$249,999	1,305,816	3.6	3,310,151	3.8
\$40,000-\$99,999	825,531	3.8	2,010,184	4.9
\$10,000-\$39,999	594,368	6.0	1,474,454	13.6
LESS THAN \$10,000	300,544	4.8	924,769	6.1

SEE FOOTNOTES, PAGE 59.

PERCENT OF EXPENDITURES BY ECONOMIC CLASS, UNITED STATES, 1988



PRODUCTION EXPENDITURES: PERCENT OF FARMS BY ECONOMIC CLASS,
UNITED STATES, 1988 2/

GROSS VALUE OF SALES	:	PERCENT OF FARMS	:	TOTAL EXPENDITURES
	:	PERCENT	:	1,000 DOLLARS
\$250,000 AND OVER	:	5.5	:	50,957,962
\$100,000 - \$249,999	:	11.3	:	29,804,288
\$40,000 - \$99,999	:	14.1	:	18,745,440
\$10,000 - \$39,999	:	22.8	:	11,937,862
LESS THAN \$10,000	:	46.3	:	6,916,200

SEE FOOTNOTES, PAGE 59.

MAJOR FARM PRODUCTION EXPENDITURES: PERCENT BY ECONOMIC CLASS,
UNITED STATES, 1988

EXPENDITURE - FARM SHARE 8/	VALUE OF SALES					
	UNDER \$10,000	\$10,000- \$39,999	\$40,000- \$99,999	\$100,000- \$249,999	\$250,000 & OVER	ALL FARMS
	PERCENT					
LIVESTOCK & POULTRY 9/	7.4	13.2	7.6	7.4	15.5	11.5
FEED	9.9	12.5	17.2	13.0	17.0	15.1
FARM SERVICES EXCLUDING RENT 10/ 11/ 28/	18.4	13.7	12.6	12.0	11.5	12.3
RENT	2.8	6.5	9.7	12.0	7.2	8.5
AGRICULTURAL CHEMICALS 13/	1.0	2.2	3.2	4.2	3.3	3.3
FERTILIZER 14/	4.5	5.9	6.8	7.2	5.0	5.9
INTEREST	11.4	7.8	7.6	7.6	5.8	7.1
TAXES	8.8	5.1	3.9	3.3	2.0	3.3
LABOR	2.4	4.3	5.2	6.5	13.0	8.6
FUELS & LUBRICANTS	4.3	5.0	4.4	4.4	2.8	3.8
FARM SUPPLIES 16/	1.5	1.8	1.8	1.6	1.9	1.9
BUILDING & FENCING	5.0	2.8	2.2	1.5	1.3	1.9
FARM & LAND IMPROVEMENTS	1.4	0.9	0.8	0.8	0.7	0.8
FARM MACHINERY 17/ 18/ 19/ 20/	13.4	12.3	10.7	11.1	7.4	9.7
SEEDS & PLANTS 21/ 22/	2.0	2.7	3.5	3.9	2.8	3.1
TRUCKS & AUTOS 23/	5.4	2.9	1.8	1.8	0.9	1.7
OTHER UNALLOCATED EXPENSES 27/	0.4	0.4	1.0	1.7	1.9	1.5
TOTAL PERCENT	100.0	100.0	100.0	100.0	100.0	100.0

SEE FOOTNOTES, PAGE 59.

PRODUCTION EXPENDITURES: ECONOMIC CLASS GROSS SALES \$250,000 AND OVER
UNITED STATES, 1988 2/

EXPENDITURE - FARM SHARE	: FARMS : REPORTING : 6/	: AVERAGE : PER FARM : 6/	: TOTAL : EXPENDITURE : 7/
	: PERCENT	DOLLARS	1,000 DOLLARS
TOTAL FARM PRODUCTION EXPENDITURES 8/	: 100.0	524,477	50,957,962
LIVESTOCK AND POULTRY:	: 55.1	81,117	7,881,323
CATTLE PURCHASED	: 39.7	69,271	6,730,336
HOGS & PIGS PURCHASED	: 19.8	6,643	645,450
SHEEP & LAMBS PURCHASED	: 2.1	1,300	*126,313
POULTRY PURCHASED	: 4.8	2,471	240,065
OTHER LIVESTOCK & POULTRY EXPENSES 9/	: 5.3	1,432	*139,159
FEED:	: 68.2	89,053	8,652,358
GRAINS	: 29.9	21,780	2,116,180
HAYS & FORAGES	: 25.3	9,297	903,322
COMPLETE RATIONS OR FORMULA FEEDS	: 29.5	29,132	2,830,441
PROTEIN MEALS OR CONCENTRATES	: 38.8	18,062	1,754,901
SUPPLEMENTS	: 26.0	6,561	637,512
MINERALS, SALTS & ADDITIVES	: 47.1	4,220	410,001
FARM SERVICES:	: 99.9	97,590	9,481,843
CROP CUSTOM SERVICES	: 60.5	6,288	610,965
LIVESTOCK CUSTOM SERVICES	: 44.7	3,681	357,614
FEEDING & GRAZING ON A PER HEAD OR GAIN BASIS 10/	: 4.2	2,283	*221,811
TRANSPORTATION EXPENSES	: 54.8	5,368	521,579
VET SUPPLIES, SVCS, TESTING & BREEDING	: 65.5	5,057	491,374
RENT	: 76.3	37,592	3,652,447
CASH	: 66.9	21,098	2,049,864
SHARE	: 32.8	16,494	1,602,583
MARKETING & STORAGE EXPENSES	: 74.3	7,356	714,673
INSURANCE	: 98.9	10,542	1,024,224
LEASING 11/	: 17.6	2,495	242,427
MISC. FARM BUSINESS EXPENSES 12/	: 99.7	8,795	854,562
UTILITIES	: 98.8	10,416	1,011,979
ELECTRICITY	: 96.7	9,051	879,404
EXCLUDING IRRIGATION	: 95.6	6,273	609,527
FOR IRRIGATION	: 19.4	2,778	269,876
AG CHEMICALS & SPRAYS: 13/	: 89.2	17,482	1,698,569
CROP PESTICIDES & CHEMICALS	: 80.8	16,362	1,589,739
LIVESTOCK SPRAYS & CHEMICALS	: 31.3	1,120	*108,830
FERTILIZER: 14/	: 89.0	25,973	2,523,504
COMMERCIAL FERTILIZERS	: 88.1	24,419	2,372,594
LIME & SOIL CONDITIONERS	: 31.0	1,553	150,910
INTEREST:	: 86.9	30,460	2,959,498
FARM REAL ESTATE	: 68.8	19,136	1,859,294
OPERATING LOANS	: 65.0	11,324	1,100,204
TAXES: (REAL ESTATE & PROPERTY)	: 97.4	10,377	1,008,252

SEE FOOTNOTES, PAGE 59.

PRODUCTION EXPENDITURES: ECONOMIC CLASS GROSS SALES \$250,000 AND OVER
UNITED STATES, 1988 2/

EXPENDITURE - FARM SHARE	FARMS : REPORTING : 6/	AVERAGE : PER FARM : 6/	TOTAL : EXPENDITURE : 7/
	PERCENT	DOLLARS	1,000 DOLLARS
LABOR EXPENSES:	89.8	68,186	6,624,952
CASH WAGES	87.8	53,491	5,197,157
CONTRACT LABOR	18.8	5,639	* 547,900
INSURANCE & RETIREMENT PLANS	31.6	2,580	250,630
FICA & OTHER COMPENSATION TAXES	71.7	6,477	629,266
FRINGE BENEFITS - CASH VALUE	37.6	2,479	240,874
FUELS & LUBRICANTS:	99.3	14,657	1,424,037
DIESEL	94.2	7,593	737,756
GASOLINE - BULK	78.6	3,008	292,285
GASOLINE - SERVICE STATION	29.7	612	59,448
L.P. GAS	43.1	1,445	140,402
NATURAL GAS	7.6	920	89,345
OTHER (COAL, KEROSENE, WOOD, ETC.)	7.2	179	* 17,351
MOTOR OILS, GREASE & SPECIAL FLUIDS	88.6	900	87,449
FARM SUPPLIES:	89.9	10,626	1,032,434
SUPPLIES USED IN PRODUCTION 16/	89.2	6,235	605,834
CONTAINERS USED FOR MARKETING	10.0	4,391	426,600
BUILDING & FENCING:	58.8	6,866	667,066
NEW CONSTRUCTION & REMODELING	23.4	4,606	447,507
REPAIRS & MAINTENANCE	49.7	2,260	219,559
FARM & LAND IMPROVEMENTS: 26/	34.0	3,732	362,618
NEW CONSTRUCTION	18.5	2,380	231,215
MAINTENANCE & REPAIRS	20.3	1,352	131,403
TOTAL FARM MACHINERY: 17/ 18/	98.9	38,923	3,781,710
TRACTORS	25.7	6,380	619,903
OTHER MACHINERY & EQUIPMENT	59.3	10,533	1,023,430
SELF-PROPELLED MACHINERY	16.2	4,659	452,664
NON SELF-PROPELLED MACHINERY	50.1	5,874	570,766
LIVESTOCK & POULTRY EQUIPMENT 19/	22.6	2,123	206,226
MACHINERY ACCESSORIES & SHOP			
EQUIPMENT	17.6	323	31,369
FARM SHOP POWER EQUIPMENT	34.8	576	55,981
REPAIR & REPLACEMENT PARTS	98.4	18,987	1,844,801
SEEDS & PLANTS: 21/	86.6	14,591	1,417,700
FIELD CROPS & SMALL GRAINS	72.7	8,948	869,409
LEGUMES GRASSES & FORAGES	37.0	855	83,097
SEEDS & PLANTS FOR OTHER CROPS	11.9	4,521	439,287
OTHER SEED RELATED EXPENSES 22/	13.7	267	25,907
TRUCKS & AUTOS: 23/	40.1	4,742	460,725
TRUCKS INCL BEDS, HYDR SYSTEMS, ETC.	35.8	4,202	408,246
AUTOS	10.4	540	52,478
OTHER UNALLOCATED EXPENSES: 27/	25.1	10,101	981,373

SEE FOOTNOTES, PAGE 59.

PRODUCTION EXPENDITURES: ECONOMIC CLASS GROSS SALES \$100,000 - \$249,999
UNITED STATES, 1988 2/

EXPENDITURE - FARM SHARE	: FARMS : REPORTING : 6/	: AVERAGE : PER FARM : 6/	: TOTAL : EXPENDITURE : 7/
	: PERCENT	DOLLARS	1,000 DOLLARS
TOTAL FARM PRODUCTION EXPENDITURES 8/	: 100.0	148,778	29,804,288
LIVESTOCK AND POULTRY:	: 52.9	11,037	2,211,034
CATTLE PURCHASED	: 38.3	8,603	1,723,416
HOGS & PIGS PURCHASED	: 17.9	1,672	334,974
SHEEP & LAMBS PURCHASED	: 1.9	88	*17,593
POULTRY PURCHASED	: 4.0	494	*99,012
OTHER LIVESTOCK & POULTRY EXPENSES 9/	: 4.7	180	*36,039
FEED:	: 71.5	19,343	3,875,034
GRAINS	: 26.3	3,461	693,297
HAYS & FORAGES	: 25.0	1,527	305,880
COMPLETE RATIONS OR FORMULA FEEDS	: 28.7	6,624	1,327,034
PROTEIN MEALS OR CONCENTRATES	: 39.1	5,013	1,004,281
SUPPLEMENTS	: 22.7	1,840	368,638
MINERALS, SALTS & ADDITIVES	: 48.5	878	175,904
FARM SERVICES:	: 100.0	35,669	7,145,553
CROP CUSTOM SERVICES	: 59.0	2,212	443,091
LIVESTOCK CUSTOM SERVICES	: 47.2	613	122,869
FEEDING & GRAZING ON A PER HEAD OR GAIN BASIS 10/	: 1.9	66	*13,219
TRANSPORTATION EXPENSES	: 55.3	1,388	278,081
VET SUPPLIES, SVCS, TESTING & BREEDING	: 68.4	1,630	326,468
RENT	: 79.0	17,885	3,582,804
CASH	: 62.1	7,584	1,519,246
SHARE	: 36.3	10,301	2,063,559
MARKETING & STORAGE EXPENSES	: 76.3	2,514	503,701
INSURANCE	: 98.4	3,318	664,701
LEASING 11/	: 13.2	576	115,354
MISC. FARM BUSINESS EXPENSES 12/	: 99.7	2,035	407,739
UTILITIES	: 98.2	3,498	700,744
ELECTRICITY	: 95.8	3,011	603,270
EXCLUDING IRRIGATION	: 94.0	2,328	466,310
FOR IRRIGATION	: 13.5	684	136,960
AG CHEMICALS & SPRAYS: 13/	: 90.3	6,179	1,237,788
CROP PESTICIDES & CHEMICALS	: 82.3	5,854	1,172,640
LIVESTOCK SPRAYS & CHEMICALS	: 31.3	325	*65,148
FERTILIZER: 14/	: 91.5	10,667	2,136,852
COMMERCIAL FERTILIZERS	: 89.3	10,072	2,017,717
LIME & SOIL CONDITIONERS	: 24.8	595	119,135
INTEREST:	: 84.8	11,280	2,259,609
FARM REAL ESTATE	: 62.5	7,327	1,467,725
OPERATING LOANS	: 63.1	3,953	791,883
TAXES: (REAL ESTATE & PROPERTY)	: 97.8	4,904	982,462

SEE FOOTNOTES, PAGE 59.

PRODUCTION EXPENDITURES: ECONOMIC CLASS GROSS SALES \$100,000 - \$249,999
UNITED STATES, 1988 2/

EXPENDITURE - FARM SHARE	: FARMS : REPORTING : 6/	: AVERAGE : PER FARM : 6/	: TOTAL : EXPENDITURE : 7/
	: PERCENT	DOLLARS	1,000 DOLLAR
LABOR EXPENSES:	: 74.0	9,724	1,947,964
CASH WAGES	: 72.1	7,847	1,571,881
CONTRACT LABOR	: 13.6	888	177,905
INSURANCE & RETIREMENT PLANS	: 9.5	268	53,639
FICA & OTHER COMPENSATION TAXES	: 38.9	722	144,538
FRINGE BENEFITS - CASH VALUE	: 27.4	670	134,199
FUELS & LUBRICANTS:	: 99.4	6,518	1,305,816
DIESEL	: 92.8	3,393	679,774
GASOLINE - BULK	: 75.4	1,385	277,437
GASOLINE - SERVICE STATION	: 35.5	409	81,936
L.P. GAS	: 37.2	552	110,678
NATURAL GAS	: 4.9	316	*63,385
OTHER (COAL, KEROSENE, WOOD, ETC.)	: 4.0	42	*8,344
MOTOR OILS, GREASE & SPECIAL FLUIDS	: 87.5	421	84,263
FARM SUPPLIES:	: 90.2	2,526	505,933
SUPPLIES USED IN PRODUCTION 16/	: 89.4	2,251	451,014
CONTAINERS USED FOR MARKETING	: 6.3	274	54,917
BUILDING & FENCING:	: 53.5	2,244	449,542
NEW CONSTRUCTION & REMODELING	: 18.6	1,479	296,281
REPAIRS & MAINTENANCE	: 45.3	765	153,261
FARM & LAND IMPROVEMENTS: 26/	: 27.1	1,183	236,916
NEW CONSTRUCTION	: 13.1	832	166,646
MAINTENANCE & REPAIRS	: 16.1	351	70,270
TOTAL FARM MACHINERY: 17/ 18/	: 99.1	16,524	3,310,151
TRACTORS	: 18.0	2,690	538,854
OTHER MACHINERY & EQUIPMENT	: 55.8	5,268	1,055,234
SELF-PROPELLED MACHINERY	: 13.0	1,861	372,853
NON SELF-PROPELLED MACHINERY	: 50.2	3,406	682,381
LIVESTOCK & POULTRY EQUIPMENT 19/	: 19.2	597	119,531
MACHINERY ACCESSORIES & SHOP	: 14.0	140	28,093
EQUIPMENT	: 32.0	216	43,229
FARM SHOP POWER EQUIPMENT	: 98.2	7,614	1,525,209
REPAIR & REPLACEMENT PARTS	: 90.6	5,809	1,163,760
SEEDS & PLANTS: 21/	: 81.2	4,172	835,806
FIELD CROPS & SMALL GRAINS	: 34.1	417	83,521
LEGUMES GRASSES & FORAGES	: 5.9	1,032	*206,729
SEEDS & PLANTS FOR OTHER CROPS	: 15.4	188	*37,703
OTHER SEED RELATED EXPENSES 22/	: 33.2	2,663	533,562
TRUCKS & AUTOS: 23/	: 29.6	2,358	472,403
TRUCKS INCL BEDS, HYDR SYSTEMS, ETC.	: 8.7	305	61,159
AUTOS	: 19.9	2,507	502,313
OTHER UNALLOCATED EXPENSES: 27/			

SEE FOOTNOTES, PAGE 59.

PRODUCTION EXPENDITURES: ECONOMIC CLASS GROSS SALES \$40,000 - \$99,999
UNITED STATES, 1988 2/

EXPENDITURE - FARM SHARE	FARMS REPORTING 6/	AVERAGE PER FARM 6/	TOTAL EXPENDITURE 7/
	PERCENT	DOLLARS	1,000 DOLLAR
TOTAL FARM PRODUCTION EXPENDITURES 8/	100.0	75,371	18,745,440
LIVESTOCK AND POULTRY:	49.1	5,734	1,426,106
CATTLE PURCHASED	34.1	3,926	976,446
HOGS & PIGS PURCHASED	13.5	733	*182,185
SHEEP & LAMBS PURCHASED	2.6	71	*17,581
POULTRY PURCHASED	5.9	892	*221,827
OTHER LIVESTOCK & POULTRY EXPENSES 9/	5.4	113	*28,068
FEED:	72.4	12,937	3,217,472
GRAINS	24.7	1,819	452,330
HAYS & FORAGES	25.5	1,425	354,296
COMPLETE RATIONS OR FORMULA FEEDS	26.6	6,405	1,592,956
PROTEIN MEALS OR CONCENTRATES	32.3	1,850	460,070
SUPPLEMENTS	25.2	1,067	265,450
MINERALS, SALTS & ADDITIVES	46.0	371	92,370
FARM SERVICES:	99.9	16,718	4,157,926
CROP CUSTOM SERVICES	52.8	1,273	316,590
LIVESTOCK CUSTOM SERVICES	52.8	281	69,968
FEEDING & GRAZING ON A PER HEAD OR GAIN BASIS 10/	1.9	65	*16,232
TRANSPORTATION EXPENSES	50.8	827	205,577
VET SUPPLIES, SVCS, TESTING & BREEDING	67.8	846	210,447
RENT	65.2	7,297	1,814,911
CASH	48.4	3,207	797,640
SHARE	27.9	4,090	1,017,270
MARKETING & STORAGE EXPENSES	69.3	1,035	257,411
INSURANCE	96.6	1,739	432,461
LEASING 11/	8.9	235	58,339
MISC. FARM BUSINESS EXPENSES 12/	99.2	1,059	263,356
UTILITIES	95.5	2,126	528,866
ELECTRICITY	93.5	1,711	425,511
EXCLUDING IRRIGATION	92.4	1,525	379,241
FOR IRRIGATION	8.7	186	46,270
AG CHEMICALS & SPRAYS: 13/	83.3	2,392	594,805
CROP PESTICIDES & CHEMICALS	74.9	2,292	570,031
LIVESTOCK SPRAYS & CHEMICALS	27.5	100	24,774
FERTILIZER: 14/	84.9	5,122	1,273,934
COMMERCIAL FERTILIZERS	86.0	4,884	1,214,692
LIME & SOIL CONDITIONERS	20.8	238	59,242
INTEREST:	74.8	5,729	1,424,825
FARM REAL ESTATE	52.6	3,937	979,234
OPERATING LOANS	50.7	1,792	445,592
TAXES: (REAL ESTATE & PROPERTY)	97.7	2,924	727,191

SEE FOOTNOTES, PAGE 59.

PRODUCTION EXPENDITURES: ECONOMIC CLASS GROSS SALES \$40,000 - \$99,999
UNITED STATES, 1988 2/

EXPENDITURE - FARM SHARE	: FARMS : REPORTING : 6/	: AVERAGE : PER FARM : 6/	: TOTAL : EXPENDITURE : 7/
	: PERCENT	DOLLARS	1,000 DOLLARS
LABOR EXPENSES:	: 57.5	3,920	974,898
CASH WAGES	: 51.6	3,166	787,315
CONTRACT LABOR	: 8.9	420	104,572
INSURANCE & RETIREMENT PLANS	: 3.4	67	16,551
FICA & OTHER COMPENSATION TAXES	: 20.5	267	66,459
FRINGE BENEFITS - CASH VALUE	: 15.1	265	65,920
FUELS & LUBRICANTS:	: 98.8	3,319	825,531
DIESEL	: 89.6	1,577	392,216
GASOLINE - BULK	: 66.7	815	202,771
GASOLINE - SERVICE STATION	: 38.7	346	86,171
L.P. GAS	: 24.0	214	53,302
NATURAL GAS	: 3.3	99	*24,540
OTHER (COAL, KEROSENE, WOOD, ETC.)	: 5.1	43	*10,725
MOTOR OILS, GREASE & SPECIAL FLUIDS	: 85.2	224	55,806
FARM SUPPLIES:	: 88.7	1,449	360,394
SUPPLIES USED IN PRODUCTION 16/	: 87.8	1,328	330,278
CONTAINERS USED FOR MARKETING	: 4.3	121	*30,116
BUILDING & FENCING:	: 53.9	1,696	421,768
NEW CONSTRUCTION & REMODELING	: 19.2	1,188	295,512
REPAIRS & MAINTENANCE	: 45.2	508	126,256
FARM & LAND IMPROVEMENTS: 26/	: 20.7	570	141,702
NEW CONSTRUCTION	: 9.2	396	98,468
MAINTENANCE & REPAIRS	: 13.3	174	43,234
TOTAL FARM MACHINERY: 17/ 18/	: 98.3	8,082	2,010,184
TRACTORS	: 13.6	1,554	386,476
OTHER MACHINERY & EQUIPMENT	: 44.9	2,256	561,140
SELF-PROPELLED MACHINERY	: 7.5	556	138,390
NON SELF-PROPELLED MACHINERY	: 43.5	1,700	422,750
LIVESTOCK & POULTRY EQUIPMENT 19/	: 16.2	330	82,092
MACHINERY ACCESSORIES & SHOP	:	:	:
EQUIPMENT	: 9.4	43	10,770
FARM SHOP POWER EQUIPMENT	: 25.1	134	33,242
REPAIR & REPLACEMENT PARTS	: 97.6	3,765	936,464
SEEDS & PLANTS: 21/	: 86.4	2,615	650,372
FIELD CROPS & SMALL GRAINS	: 77.1	1,957	486,809
LEGUMES GRASSES & FORAGES	: 35.0	306	76,043
SEEDS & PLANTS FOR OTHER CROPS	: 6.3	282	*70,258
OTHER SEED RELATED EXPENSES 22/	: 11.6	69	*17,262
TRUCKS & AUTOS: 23/	: 22.7	1,379	343,009
TRUCKS INCL BEDS, HYDR SYSTEMS, ETC.	: 16.4	1,197	297,625
AUTOS	: 7.0	182	45,383
OTHER UNALLOCATED EXPENSES: 27/	: 11.2	785	195,323

SEE FOOTNOTES, PAGE 59.

PRODUCTION EXPENDITURES: ECONOMIC CLASS GROSS SALES \$10,000 - \$39,999
UNITED STATES, 1988 2/

EXPENDITURE - FARM SHARE	: FARMS : REPORTING : 6/	: AVERAGE : PER FARM : 6/	: TOTAL : EXPENDITURE : 7/
	: PERCENT	: DOLLARS	: 1,000 DOLLARS
TOTAL FARM PRODUCTION EXPENDITURES 8/	: 100.0	29,633	11,937,862
LIVESTOCK AND POULTRY:	: 42.3	3,915	*1,577,026
CATTLE PURCHASED	: 30.2	3,268	*1,316,544
HOGS & PIGS PURCHASED	: 9.3	287	*115,439
SHEEP & LAMBS PURCHASED	: 2.5	36	*14,512
POULTRY PURCHASED	: 4.0	180	*72,400
OTHER LIVESTOCK & POULTRY EXPENSES 9/	: 5.3	144	58,131
FEED:	: 73.0	3,693	1,487,779
GRAINS	: 23.5	814	*328,117
HAYS & FORAGES	: 26.2	423	170,360
COMPLETE RATIONS OR FORMULA FEEDS	: 25.7	1,643	*661,866
PROTEIN MEALS OR CONCENTRATES	: 31.7	452	181,908
SUPPLEMENTS	: 21.8	198	79,611
MINERALS, SALTS & ADDITIVES	: 52.1	164	65,916
FARM SERVICES:	: 99.9	5,930	2,389,025
CROP CUSTOM SERVICES	: 45.7	569	229,033
LIVESTOCK CUSTOM SERVICES	: 60.5	90	36,191
FEEDING & GRAZING ON A PER HEAD OR GAIN BASIS 10/	: 0.6	10	*4,020
TRANSPORTATION EXPENSES	: 35.4	193	77,730
VET SUPPLIES, SVCS, TESTING & BREEDING	: 63.6	328	132,043
RENT	: 42.7	1,929	777,078
CASH	: 33.2	841	338,648
SHARE	: 15.2	1,088	438,430
MARKETING & STORAGE EXPENSES	: 57.2	309	124,391
INSURANCE	: 92.0	853	343,449
LEASING 11/	: 4.0	59	*23,820
MISC. FARM BUSINESS EXPENSES 12/	: 96.7	540	217,347
UTILITIES	: 89.0	1,062	427,945
ELECTRICITY	: 88.2	843	339,653
EXCLUDING IRRIGATION	: 87.3	782	315,195
FOR IRRIGATION	: 4.5	61	24,458
AG CHEMICALS & SPRAYS: 13/	: 66.2	651	262,157
CROP PESTICIDES & CHEMICALS	: 50.1	610	245,863
LIVESTOCK SPRAYS & CHEMICALS	: 24.4	40	16,294
FERTILIZER: 14/	: 76.2	1,764	710,463
COMMERCIAL FERTILIZERS	: 73.5	1,640	660,767
LIME & SOIL CONDITIONERS	: 17.1	123	49,695
INTEREST:	: 50.5	2,309	930,348
FARM REAL ESTATE	: 36.5	1,714	690,419
OPERATING LOANS	: 27.1	596	239,928
TAXES: (REAL ESTATE & PROPERTY)	: 96.9	1,498	603,503

SEE FOOTNOTES, PAGE 59.

PRODUCTION EXPENDITURES: ECONOMIC CLASS GROSS SALES \$10,000 - \$39,999
UNITED STATES, 1988 2/

EXPENDITURE - FARM SHARE	FARMS : REPORTING : 6/	AVERAGE : PER FARM : 6/	TOTAL : EXPENDITURE : 7/
	PERCENT	DOLLARS	1,000 DOLLARS
LABOR EXPENSES:	44.2	1,264	509,285
CASH WAGES	33.3	913	367,761
CONTRACT LABOR	13.0	250	100,652
INSURANCE & RETIREMENT PLANS	1.3	22	*8,815
FICA & OTHER COMPENSATION TAXES	8.2	80	32,057
FRINGE BENEFITS - CASH VALUE	8.1	85	34,244
FUELS & LUBRICANTS:	97.1	1,475	594,368
DIESEL	72.3	559	225,278
GASOLINE - BULK	43.3	332	133,755
GASOLINE - SERVICE STATION	46.8	286	115,076
L.P. GAS	11.0	147	*59,390
NATURAL GAS	1.4	28	*11,113
OTHER (COAL, KEROSENE, WOOD, ETC.)	2.2	12	*4,754
MOTOR OILS, GREASE & SPECIAL FLUIDS	76.7	112	45,003
FARM SUPPLIES:	72.7	593	238,932
SUPPLIES USED IN PRODUCTION 16/	71.1	499	201,025
CONTAINERS USED FOR MARKETING	6.0	94	*37,908
BUILDING & FENCING:	53.5	843	339,593
NEW CONSTRUCTION & REMODELING	19.5	569	229,294
REPAIRS & MAINTENANCE	43.2	274	110,299
FARM & LAND IMPROVEMENTS: 26/	16.9	257	103,649
NEW CONSTRUCTION	8.1	193	77,938
MAINTENANCE & REPAIRS	9.9	64	25,711
TOTAL FARM MACHINERY: 17/ 18/	93.6	3,660	1,474,454
TRACTORS	9.0	1,019	*410,670
OTHER MACHINERY & EQUIPMENT	29.6	840	338,218
SELF-PROPELLED MACHINERY	4.8	270	*108,660
NON SELF-PROPELLED MACHINERY	25.8	570	229,558
LIVESTOCK & POULTRY EQUIPMENT 19/	10.9	133	53,702
MACHINERY ACCESSORIES & SHOP			
EQUIPMENT	6.3	18	7,180
FARM SHOP POWER EQUIPMENT	23.3	91	36,593
REPAIR & REPLACEMENT PARTS	92.0	1,559	628,091
SEEDS & PLANTS: 21/	68.5	803	323,377
FIELD CROPS & SMALL GRAINS	51.2	543	218,815
LEGUMES GRASSES & FORAGES	25.0	128	51,452
SEEDS & PLANTS FOR OTHER CROPS	6.0	118	47,359
OTHER SEED RELATED EXPENSES 22/	5.3	14	5,751
TRUCKS & AUTOS: 23/	18.9	855	344,477
TRUCKS INCL BEDS, HYDR SYSTEMS, ETC.	12.8	733	295,272
AUTOS	5.4	122	49,205
OTHER UNALLOCATED EXPENSES: 27/	3.7	123	49,427

SEE FOOTNOTES, PAGE 59.

PRODUCTION EXPENDITURES: ECONOMIC CLASS GROSS SALES LESS THAN \$10,000
UNITED STATES, 1988 2/

EXPENDITURE - FARM SHARE	: FARMS : REPORTING : 6/	: AVERAGE : PER FARM : 6/	: TOTAL : EXPENDITURE : 7/
	: PERCENT	DOLLARS	1,000 DOLLARS
TOTAL FARM PRODUCTION EXPENDITURES 8/	: 100.0	8,472	6,916,200
LIVESTOCK AND POULTRY:	: 34.3	627	511,739
CATTLE PURCHASED	: 21.7	479	391,028
HOGS & PIGS PURCHASED	: 6.9	37	30,017
SHEEP & LAMBS PURCHASED	: 2.1	14	*11,376
POULTRY PURCHASED	: 4.5	10	*8,050
OTHER LIVESTOCK & POULTRY EXPENSES 9/	: 6.6	87	*71,268
FEED:	: 75.9	835	681,890
GRAINS	: 23.1	146	119,436
HAYS & FORAGES	: 34.8	244	199,476
COMPLETE RATIONS OR FORMULA FEEDS	: 31.8	309	252,361
PROTEIN MEALS OR CONCENTRATES	: 16.3	48	39,145
SUPPLEMENTS	: 14.4	44	36,024
MINERALS, SALTS & ADDITIVES	: 49.1	43	35,448
FARM SERVICES:	: 97.2	1,779	1,452,136
CROP CUSTOM SERVICES	: 28.1	151	123,587
LIVESTOCK CUSTOM SERVICES	: 67.1	14	11,558
FEEDING & GRAZING ON A PER HEAD OR GAIN BASIS 10/	: 0.2	8	*6,733
TRANSPORTATION EXPENSES	: 21.9	31	24,971
VET SUPPLIES, SVCS, TESTING & BREEDING	: 46.3	101	82,157
RENT	: 18.1	236	192,932
CASH	: 13.9	131	106,623
SHARE	: 4.9	106	86,308
MARKETING & STORAGE EXPENSES	: 42.3	68	55,880
INSURANCE	: 73.9	363	296,621
LEASING 11/	: 2.1	5	4,116
MISC. FARM BUSINESS EXPENSES 12/	: 82.9	220	179,854
UTILITIES	: 73.6	589	480,460
ELECTRICITY	: 77.5	492	401,437
EXCLUDING IRRIGATION	: 76.8	479	391,064
FOR IRRIGATION	: 2.7	13	*10,373
AG CHEMICALS & SPRAYS: 13/	: 44.5	80	65,537
CROP PESTICIDES & CHEMICALS	: 27.1	70	57,016
LIVESTOCK SPRAYS & CHEMICALS	: 24.1	10	8,521
FERTILIZER: 14/	: 54.8	383	312,908
COMMERCIAL FERTILIZERS	: 51.8	342	279,230
LIME & SOIL CONDITIONERS	: 10.8	41	33,677
INTEREST:	: 32.5	969	791,219
FARM REAL ESTATE	: 27.5	888	724,743
OPERATING LOANS	: 8.0	81	66,476
TAXES: (REAL ESTATE & PROPERTY)	: 92.9	743	606,583

SEE FOOTNOTES, PAGE 59.

PRODUCTION EXPENDITURES: ECONOMIC CLASS GROSS SALES LESS THAN \$10,000
UNITED STATES, 1988 2/

EXPENDITURE - FARM SHARE	FARMS REPORTING 6/	AVERAGE PER FARM 6/	TOTAL EXPENDITURE 7/
	PERCENT	DOLLARS	1,000 DOLLARS
LABOR EXPENSES:	21.7	204	166,950
CASH WAGES	15.9	154	125,830
CONTRACT LABOR	5.4	42	*34,413
INSURANCE & RETIREMENT PLANS	0.2	-	*994
FICA & OTHER COMPENSATION TAXES	1.1	7	*5,713
FRINGE BENEFITS - CASH VALUE	3.0	13	*11,009
FUELS & LUBRICANTS:	84.8	368	300,544
DIESEL	40.6	105	85,352
GASOLINE - BULK	17.8	66	53,719
GASOLINE - SERVICE STATION	54.3	134	109,465
L.P. GAS	3.7	23	*18,548
NATURAL GAS	0.6	5	*3,763
OTHER (COAL, KEROSENE, WOOD, ETC.)	2.3	3	2,737
MOTOR OILS, GREASE & SPECIAL FLUIDS	64.3	33	26,959
FARM SUPPLIES:	54.5	142	115,554
SUPPLIES USED IN PRODUCTION 16/	52.8	133	108,380
CONTAINERS USED FOR MARKETING	3.8	9	*7,174
BUILDING & FENCING:	49.0	427	348,202
NEW CONSTRUCTION & REMODELING	18.6	287	234,419
REPAIRS & MAINTENANCE	37.2	139	113,783
FARM & LAND IMPROVEMENTS: 26/	11.7	120	98,174
NEW CONSTRUCTION	5.7	81	65,784
MAINTENANCE & REPAIRS	6.7	40	32,390
TOTAL FARM MACHINERY: 17/ 18/	73.5	1,133	924,769
TRACTORS	6.4	321	262,403
OTHER MACHINERY & EQUIPMENT	17.8	287	234,075
SELF-PROPELLED MACHINERY	1.3	25	*20,656
NON SELF-PROPELLED MACHINERY	17.9	261	213,419
LIVESTOCK & POULTRY EQUIPMENT 19/	5.0	62	*50,339
MACHINERY ACCESSORIES & SHOP			
EQUIPMENT	2.5	6	*5,103
FARM SHOP POWER EQUIPMENT	14.3	41	33,690
REPAIR & REPLACEMENT PARTS	68.1	415	339,159
SEEDS & PLANTS: 21/	45.5	168	136,955
FIELD CROPS & SMALL GRAINS	28.3	83	67,526
LEGUMES GRASSES & FORAGES	18.4	50	40,658
SEEDS & PLANTS FOR OTHER CROPS	5.4	33	*27,343
OTHER SEED RELATED EXPENSES 22/	2.1	2	*1,429
TRUCKS & AUTOS: 23/	11.9	461	376,724
TRUCKS INCL BEDS, HYDR SYSTEMS, ETC.	9.6	407	332,087
AUTOS	3.4	55	*44,638
OTHER UNALLOCATED EXPENSES: 27/	2.0	32	*26,315

SEE FOOTNOTES, PAGE 59.

PRODUCTION EXPENDITURES: CAPITAL IMPROVEMENTS - BUILDING CONSTRUCTION
AND REMODELING (FARM SHARE), UNITED STATES, 1987 AND 1988 2/

ITEM	NUMBER OF BUILDINGS				TOTAL EXPENDITURE 7/8/			
	: C.V.:		: C.V.:		: C.V.:		: C.V.:	
	: 1987 :	5/ :	1988 :	5/ :	: 1987 :	5/ :	: 1988 :	5/ :
	: 1,000	PCT	1,000	PCT	: MIL DOLS	PCT	MIL DOLS	PCT
NEW BUILDINGS BY TYPE	: 180.8	7.9	159.3	8.5	: 1,478.1	12.7	1,228.1	9.8
MACHINE, IMPLEMENT	:	:	:	:	:	:	:	:
& WORKSHOP	: 34.9	11.6	26.8	14.9	: 307.4	16.5	229.9	18.0
GRAIN STORAGE	: 17.7	20.1	17.4	20.4	: 114.1	23.2	122.6	27.2
OTHER CROPS	: 9.3	22.9	6.6	23.4	: 47.1	24.3	52.5	34.2
BEEF CATTLE PROD.	: 25.8	27.8	11.8	20.6	: 191.6	61.9	40.0	29.4
DAIRY CATTLE PROD.	: 16.8	23.8	8.6	31.5	: 161.4	25.4	90.3	26.3
HOG PRODUCTION	: 13.6	28.0	20.5	27.3	: 114.2	41.5	141.5	33.3
POULTRY PRODUCTION	: 5.1	32.5	7.6	34.9	: 232.2	41.6	113.5	51.3
MULTI-PURPOSE	: 16.1	18.9	16.4	19.3	: 81.9	36.5	74.1	22.6
DWELLINGS FOR	:	:	:	:	:	:	:	:
WORKERS	: 1.6	47.4	1.5	46.4	: 44.0	64.5	48.5	46.5
OTHER 25/	: 39.9	21.9	42.1	17.9	: 184.2	26.4	315.2	18.2
REMODELED BUILDINGS	:	:	:	:	:	:	:	:
BY TYPE:	: 82.5	11.2	73.4	10.0	: 221.8	13.6	334.1	17.2
MACHINE, IMPLEMENT	:	:	:	:	:	:	:	:
& WORKSHOP	: 19.8	27.8	11.8	20.3	: 43.2	31.9	23.3	26.9
GRAIN STORAGE	: 10.9	18.4	4.9	47.5	: 18.6	25.2	55.7	60.0
OTHER CROPS	: 1.9	34.4	4.5	31.8	: 12.7	42.0	14.5	37.6
BEEF CATTLE PROD.	: 13.4	23.2	8.1	27.5	: 35.8	42.8	12.0	35.4
DAIRY CATTLE PROD.	: 6.2	26.3	5.1	33.7	: 32.4	39.0	51.9	50.7
HOG PRODUCTION	: 7.7	21.4	9.5	26.4	: 24.2	28.7	61.8	47.6
POULTRY PRODUCTION	: 1.2	49.1	1.6	55.4	: 5.5	53.0	12.8	57.5
MULTI-PURPOSE	: 8.9	37.8	11.2	27.9	: 13.7	41.6	16.6	30.2
DWELLINGS FOR	:	:	:	:	:	:	:	:
WORKERS	: 3.2	27.3	5.4	24.3	: 13.5	27.9	58.1	34.1
OTHER 25/	: 9.4	28.4	11.2	24.9	: 22.2	32.4	37.5	42.2

MATERIALS USED IN NEW CONSTRUCTION	PERCENT OF TOTAL NEW BUILDINGS	
	1987	1988
FRAMING - WOOD	82.4	84.4
METAL	12.8	11.9
MASONRY	3.4	1.7
OTHER	1.4	2.0
	100.0	100.0
SIDING - WOOD	29.3	36.3
METAL	49.8	45.3
MASONRY	8.7	6.7
OTHER	12.2	11.7
	100.0	100.0
ROOFING - WOOD	4.7	10.9
METAL	73.6	62.8
MASONRY	0.5	1.3
OTHER	21.2	25.0
	100.0	100.0

SEE FOOTNOTES, PAGE 59.

PRODUCTION EXPENDITURES: EXPENDITURES (FARM SHARE) AND RELATED COEFFICIENTS
OF VARIATION, BY REGION, 1988

REGION	TOTAL FARM EXPENDITURES		LIVESTOCK	
	EXPENDITURES 7/	C.V. 5/	EXPENDITURES 7/	C.V. 5/
	1,000 DOLLARS	PERCENT	1,000 DOLLARS	PERCENT
NORTHEAST	7,860,986	6.0	589,998	25.6
LAKE STATES	13,015,735	4.4	1,176,737	24.5
CORNBELT	24,946,178	3.3	2,463,247	10.4
NORTHERN PLAINS	14,980,609	5.3	2,626,785	13.0
APPALACHIAN	8,932,089	6.3	853,340	16.1
SOUTHEAST	7,756,268	9.2	677,210	20.1
DELTA STATES	5,883,468	10.1	552,705	28.4
SOUTHERN PLAINS	12,693,827	7.8	2,619,787	18.8
MOUNTAIN	9,858,902	9.9	1,451,826	25.4
PACIFIC	12,433,689	6.3	595,592	24.1
	FEED		FARM SERVICES	
	EXPENDITURES 7/	C.V. 5/	EXPENDITURES 7/	C.V. 5/
	1,000 DOLLARS	PERCENT	1,000 DOLLARS	PERCENT
NORTHEAST	1,552,994	9.1	1,237,478	5.2
LAKE STATES	1,915,259	5.8	2,416,708	5.8
CORNBELT	3,454,515	5.3	5,686,993	3.4
NORTHERN PLAINS	1,586,573	12.2	3,594,611	5.3
APPALACHIAN	1,654,798	13.3	1,706,521	5.8
SOUTHEAST	1,451,368	21.4	1,255,436	9.0
DELTA STATES	1,247,511	29.6	1,167,136	6.2
SOUTHERN PLAINS	1,711,486	17.3	2,479,178	6.1
MOUNTAIN	1,815,325	27.0	2,158,787	11.7
PACIFIC	1,524,704	15.4	2,959,610	6.7
	INTEREST		LABOR	
	EXPENDITURES 7/	C.V. 5/	EXPENDITURES 7/	C.V. 5/
	1,000 DOLLARS	PERCENT	1,000 DOLLARS	PERCENT
NORTHEAST	453,459	7.8	1,077,330	14.2
LAKE STATES	1,143,152	5.9	861,940	6.9
CORNBELT	1,895,375	4.9	905,264	6.6
NORTHERN PLAINS	1,108,218	5.5	473,637	8.7
APPALACHIAN	571,946	13.9	797,319	10.6
SOUTHEAST	395,902	9.4	1,221,383	17.6
DELTA STATES	309,616	9.8	411,759	9.3
SOUTHERN PLAINS	806,566	8.2	956,066	13.8
MOUNTAIN	785,312	7.5	873,611	10.8
PACIFIC	895,950	7.4	2,645,740	10.9
	FUELS & LUBRICANTS		TOTAL FARM MACHINERY	
	EXPENDITURES 7/	C.V. 5/	EXPENDITURES 7/	C.V. 5/
	1,000 DOLLARS	PERCENT	1,000 DOLLARS	PERCENT
NORTHEAST	266,889	5.3	904,259	6.7
LAKE STATES	471,249	4.2	1,523,691	4.7
CORNBELT	845,422	3.0	2,505,382	4.0
NORTHERN PLAINS	742,597	5.0	1,648,195	5.6
APPALACHIAN	365,618	6.9	903,584	6.0
SOUTHEAST	290,687	8.8	552,921	7.8
DELTA STATES	255,745	7.5	625,916	6.1
SOUTHERN PLAINS	544,216	7.1	1,207,902	17.4
MOUNTAIN	341,372	5.0	756,142	6.5
PACIFIC	326,499	7.3	873,277	8.6

SEE FOOTNOTES, PAGE 59.

PRODUCTION EXPENDITURES: NORTHEAST
(CT, DE, ME, MD, MA, NH, NJ, NY, PA, RI, VT), 1988 2/

EXPENDITURE - FARM SHARE	: FARMS : REPORTING : 3/	: AVERAGE : PER FARM : 4/	: TOTAL : EXPENDITURE : 7/ 8/
	: PERCENT	DOLLARS	1,000 DOLLARS
TOTAL FARM PRODUCTION EXPENDITURES 8/	: 100.0	52,008	7,860,986
LIVESTOCK AND POULTRY:	: 42.0	3,903	*589,998
CATTLE PURCHASED	: 26.6	2,713	*410,032
HOGS & PIGS PURCHASED	: 9.4	519	*78,415
SHEEP & LAMBS PURCHASED	: 2.2	8	*1,238
POULTRY PURCHASED	: 9.0	460	*69,512
OTHER LIVESTOCK & POULTRY EXPENSES 9/	: 7.9	204	*30,800
FEED:	: 74.0	10,275	1,552,994
GRAINS	: 17.8	1,095	*165,522
HAYS & FORAGES	: 27.4	614	92,775
COMPLETE RATIONS OR FORMULA FEEDS	: 53.1	6,089	920,381
PROTEIN MEALS OR CONCENTRATES	: 14.3	1,749	264,374
SUPPLEMENTS	: 13.4	400	60,416
MINERALS, SALTS & ADDITIVES	: 37.6	328	49,526
FARM SERVICES:	: 97.0	8,187	1,237,478
CROP CUSTOM SERVICES	: 36.9	432	65,280
LIVESTOCK CUSTOM SERVICES	: 22.0	42	6,309
FEEDING & GRAZING ON A PER HEAD OR GAIN BASIS 10/	: -	-	-
TRANSPORTATION EXPENSES	: 39.3	933	140,989
VET SUPPLIES, SVCS, TESTING & BREEDING	: 59.8	906	136,955
RENT	: 31.2	1,516	229,125
CASH	: 29.4	1,286	194,320
SHARE	: 3.2	230	*34,805
MARKETING & STORAGE EXPENSES	: 33.3	656	99,221
INSURANCE	: 79.9	1,168	176,495
LEASING 11/	: 5.7	142	21,410
MISC. FARM BUSINESS EXPENSES 12/	: 86.3	792	119,690
UTILITIES	: 81.0	1,601	242,004
ELECTRICITY	: 80.5	1,392	210,336
EXCLUDING IRRIGATION	: 80.5	1,379	208,474
FOR IRRIGATION	: 0.9	12	*1,861
AG CHEMICALS & SPRAYS: 13/	: 56.8	1,240	187,436
CROP PESTICIDES & CHEMICALS	: 43.0	1,013	153,121
LIVESTOCK SPRAYS & CHEMICALS	: 26.2	227	*34,315
FERTILIZER: 14/	: 64.5	2,466	372,703
COMMERCIAL FERTILIZERS	: 58.0	2,133	322,445
LIME & SOIL CONDITIONERS	: 29.5	333	50,258
INTEREST:	: 48.5	3,000	453,459
FARM REAL ESTATE	: 39.1	2,309	349,024
OPERATING LOANS	: 21.9	691	104,436
TAXES: (REAL ESTATE & PROPERTY)	: 92.8	1,998	302,020

SEE FOOTNOTES, PAGE 59.

PRODUCTION EXPENDITURES: NORTHEAST
(CT, DE, ME, MD, MA, NH, NJ, NY, PA, RI, VT), 1988 2/

EXPENDITURE - FARM SHARE	: FARMS : REPORTING : 3/	: AVERAGE : PER FARM : 4/	: TOTAL : EXPENDITURE : 7/ 8/
	: PERCENT	DOLLARS	1,000 DOLLARS
LABOR EXPENSES:	: 38.2	7,128	1,077,330
CASH WAGES	: 33.8	5,674	857,685
CONTRACT LABOR	: 6.5	543	*82,007
INSURANCE & RETIREMENT PLANS	: 6.1	323	*48,788
FICA & OTHER COMPENSATION TAXES	: 14.0	588	88,849
FRINGE BENEFITS - CASH VALUE	: 10.4	316	47,745
FUELS & LUBRICANTS:	: 91.3	1,766	266,889
DIESEL	: 55.7	788	119,076
GASOLINE - BULK	: 48.2	430	64,954
GASOLINE - SERVICE STATION	: 33.5	138	20,861
L.P. GAS	: 8.9	158	*23,880
NATURAL GAS	: 0.9	30	*4,526
OTHER (COAL, KEROSENE, WOOD, ETC.)	: 7.6	120	*18,101
MOTOR OILS, GREASE & SPECIAL FLUIDS	: 58.7	102	15,491
FARM SUPPLIES:	: 80.6	1,690	255,480
SUPPLIES USED IN PRODUCTION 16/	: 78.0	1,163	175,820
CONTAINERS USED FOR MARKETING	: 11.0	527	*79,660
BUILDING & FENCING:	: 59.4	1,687	254,988
NEW CONSTRUCTION & REMODELING	: 22.1	1,189	179,765
REPAIRS & MAINTENANCE	: 49.0	498	75,223
FARM & LAND IMPROVEMENTS: 26/	: 12.8	444	67,111
NEW CONSTRUCTION	: 7.6	338	51,037
MAINTENANCE & REPAIRS	: 5.8	106	16,075
TOTAL FARM MACHINERY: 17/ 18/	: 85.9	5,983	904,259
TRACTORS	: 12.3	1,045	157,970
OTHER MACHINERY & EQUIPMENT	: 40.9	2,011	303,967
SELF-PROPELLED MACHINERY	: 4.2	732	*110,643
NON SELF-PROPELLED MACHINERY	: 38.4	1,279	193,324
LIVESTOCK & POULTRY EQUIPMENT 19/	: 10.4	402	60,804
MACHINERY ACCESSORIES & SHOP	:	:	:
EQUIPMENT	: 6.9	50	7,556
FARM SHOP POWER EQUIPMENT	: 19.0	99	14,950
REPAIR & REPLACEMENT PARTS	: 81.0	2,375	359,012
SEEDS & PLANTS: 21/	: 59.3	1,382	208,816
FIELD CROPS & SMALL GRAINS	: 44.9	698	105,481
LEGUMES GRASSES & FORAGES	: 24.7	218	33,008
SEEDS & PLANTS FOR OTHER CROPS	: 11.6	449	67,828
OTHER SEED RELATED EXPENSES 22/	: 4.1	17	*2,499
TRUCKS & AUTOS: 23/	: 15.4	666	100,695
TRUCKS INCL BEDS, HYDR SYSTEMS, ETC.	: 11.4	618	93,359
AUTOS	: 3.3	49	*7,336
OTHER UNALLOCATED EXPENSES: 27/	: 4.2	194	29,329

SEE FOOTNOTES, PAGE 59.

PRODUCTION EXPENDITURES: LAKE STATES
(MI, MN, WI), 1988 2/

EXPENDITURE - FARM SHARE	: FARMS : REPORTING : 3/	: AVERAGE : PER FARM : 4/	: TOTAL : EXPENDITURE : 7/ 8/
	: PERCENT	DOLLARS	1,000 DOLLARS
TOTAL FARM PRODUCTION EXPENDITURES 8/	: 100.0	55,623	13,015,735
LIVESTOCK AND POULTRY:	: 41.1	5,029	1,176,737
CATTLE PURCHASED	: 26.7	4,197	*982,193
HOGS & PIGS PURCHASED	: 12.3	640	149,731
SHEEP & LAMBS PURCHASED	: 2.0	17	*3,924
POULTRY PURCHASED	: 5.3	66	*15,372
OTHER LIVESTOCK & POULTRY EXPENSES 9/	: 5.8	109	*25,518
FEED:	: 69.1	8,185	1,915,259
GRAINS	: 35.4	2,083	487,356
HAYS & FORAGES	: 27.2	674	157,820
COMPLETE RATIONS OR FORMULA FEEDS	: 27.8	1,274	298,127
PROTEIN MEALS OR CONCENTRATES	: 39.8	3,054	714,734
SUPPLEMENTS	: 17.6	639	*149,562
MINERALS, SALTS & ADDITIVES	: 45.1	460	107,660
FARM SERVICES:	: 99.1	10,328	2,416,708
CROP CUSTOM SERVICES	: 48.1	633	148,169
LIVESTOCK CUSTOM SERVICES	: 50.0	158	36,874
FEEDING & GRAZING ON A PER HEAD OR GAIN BASIS 10/	: -	-	-
TRANSPORTATION EXPENSES	: 53.7	581	136,024
VET SUPPLIES, SVCS, TESTING & BREEDING	: 61.9	944	220,987
RENT	: 47.9	3,550	830,650
CASH	: 44.2	2,947	689,542
SHARE	: 8.3	603	141,108
MARKETING & STORAGE EXPENSES	: 63.3	631	147,743
INSURANCE	: 91.6	1,298	303,835
LEASING 11/	: 9.5	178	41,701
MISC. FARM BUSINESS EXPENSES 12/	: 94.7	730	170,822
UTILITIES	: 92.7	1,624	379,903
ELECTRICITY	: 91.7	1,378	322,343
EXCLUDING IRRIGATION	: 91.7	1,365	319,474
FOR IRRIGATION	: 0.9	12	*2,870
AG CHEMICALS & SPRAYS: 13/	: 75.5	1,813	424,324
CROP PESTICIDES & CHEMICALS	: 66.8	1,719	402,362
LIVESTOCK SPRAYS & CHEMICALS	: 25.4	94	21,962
FERTILIZER: 14/	: 79.1	3,448	806,833
COMMERCIAL FERTILIZERS	: 75.2	3,223	754,284
LIME & SOIL CONDITIONERS	: 18.3	225	52,549
INTEREST:	: 67.0	4,885	1,143,152
FARM REAL ESTATE	: 52.5	3,461	809,891
OPERATING LOANS	: 37.8	1,424	333,261
TAXES: (REAL ESTATE & PROPERTY)	: 97.0	2,788	652,496

SEE FOOTNOTES, PAGE 59.

PRODUCTION EXPENDITURES: LAKE STATES
(MI, MN, WI), 1988 2/

EXPENDITURE - FARM SHARE	: FARMS : REPORTING : 3/	: AVERAGE : PER FARM : 4/	: TOTAL : EXPENDITURE : 7/ 8/
	: PERCENT	DOLLARS	1,000 DOLLARS
LABOR EXPENSES:	: 45.3	3,684	861,940
CASH WAGES	: 42.8	3,217	752,842
CONTRACT LABOR	: 1.6	65	*15,278
INSURANCE & RETIREMENT PLANS	: 5.6	123	28,820
FICA & OTHER COMPENSATION TAXES	: 13.8	278	65,001
FRINGE BENEFITS - CASH VALUE	: 16.3	209	48,988
FUELS & LUBRICANTS:	: 94.9	2,014	471,249
DIESEL	: 68.2	1,021	238,808
GASOLINE - BULK	: 65.5	568	132,871
GASOLINE - SERVICE STATION	: 35.2	115	26,850
L.P. GAS	: 15.9	143	33,454
NATURAL GAS	: 1.5	20	*4,693
OTHER (COAL, KEROSENE, WOOD, ETC.)	: 4.1	11	*2,620
MOTOR OILS, GREASE & SPECIAL FLUIDS	: 75.0	137	31,953
FARM SUPPLIES:	: 81.8	1,282	311,643
SUPPLIES USED IN PRODUCTION 16/	: 80.5	1,070	259,967
CONTAINERS USED FOR MARKETING	: 6.1	213	51,676
BUILDING & FENCING:	: 50.8	1,068	249,815
NEW CONSTRUCTION & REMODELING	: 15.8	644	150,622
REPAIRS & MAINTENANCE	: 43.7	424	99,193
FARM & LAND IMPROVEMENTS: 26/	: 16.5	373	87,185
NEW CONSTRUCTION	: 6.7	283	66,210
MAINTENANCE & REPAIRS	: 11.7	90	20,975
TOTAL FARM MACHINERY: 17/ 18/	: 93.2	6,511	1,523,691
TRACTORS	: 14.6	1,073	251,096
OTHER MACHINERY & EQUIPMENT	: 45.2	1,934	452,640
SELF-PROPELLED MACHINERY	: 6.2	458	*107,253
NON SELF-PROPELLED MACHINERY	: 42.2	1,476	345,387
LIVESTOCK & POULTRY EQUIPMENT 19/	: 15.4	402	94,144
MACHINERY ACCESSORIES & SHOP	: 7.2	34	8,003
EQUIPMENT	: 25.3	96	22,501
FARM SHOP POWER EQUIPMENT	: 89.6	2,971	695,307
REPAIR & REPLACEMENT PARTS	: 81.3	2,097	490,638
SEEDS & PLANTS: 21/	: 66.3	1,527	357,372
FIELD CROPS & SMALL GRAINS	: 43.4	334	78,073
LEGUMES GRASSES & FORAGES	: 8.8	212	*49,520
SEEDS & PLANTS FOR OTHER CROPS	: 8.1	24	*5,673
OTHER SEED RELATED EXPENSES 22/	: 22.4	834	195,108
TRUCKS & AUTOS: 23/	: 14.0	638	149,247
TRUCKS INCL BEDS, HYDR SYSTEMS, ETC.	: 8.7	196	*45,861
AUTOS	: 9.4	1,235	288,956
OTHER UNALLOCATED EXPENSES: 27/			

SEE FOOTNOTES, PAGE 59.

PRODUCTION EXPENDITURES: CORN BELT
(IL, IN, IA, MO, OH), 1988 2/

EXPENDITURE - FARM SHARE	: FARMS : AVERAGE : TOTAL : REPORTING : PER FARM : EXPENDITURE : 3/ : 4/ : 7/ 8/
	: PERCENT DOLLARS 1,000 DOLLARS
TOTAL FARM PRODUCTION EXPENDITURES 8/	: 100.0 54,349 24,946,178
LIVESTOCK AND POULTRY:	: 46.0 5,367 2,463,247
CATTLE PURCHASED	: 27.8 3,978 1,826,094
HOGS & PIGS PURCHASED	: 20.4 1,285 589,888
SHEEP & LAMBS PURCHASED	: 2.9 20 *9,212
POULTRY PURCHASED	: 3.8 40 *18,363
OTHER LIVESTOCK & POULTRY EXPENSES 9/	: 3.6 43 *19,690
FEED:	: 72.8 7,526 3,454,515
GRAINS	: 26.1 1,543 708,434
HAYS & FORAGES	: 26.7 446 204,776
COMPLETE RATIONS OR FORMULA FEEDS	: 24.2 1,623 744,862
PROTEIN MEALS OR CONCENTRATES	: 31.0 2,478 1,137,430
SUPPLEMENTS	: 29.2 1,155 529,931
MINERALS, SALTS & ADDITIVES	: 45.5 281 129,081
FARM SERVICES:	: 99.8 12,390 5,686,993
CROP CUSTOM SERVICES	: 46.8 586 269,090
LIVESTOCK CUSTOM SERVICES	: 62.0 26 12,062
FEEDING & GRAZING ON A PER HEAD OR GAIN BASIS 10/	: - - -
TRANSPORTATION EXPENSES	: 42.0 303 139,183
VET SUPPLIES, SVCS, TESTING & BREEDING	: 63.6 550 252,622
RENT	: 47.5 7,591 3,484,172
CASH	: 31.4 2,970 1,363,354
SHARE	: 28.7 4,621 2,120,819
MARKETING & STORAGE EXPENSES	: 66.7 379 174,095
INSURANCE	: 92.0 1,128 517,653
LEASING 14/	: 5.7 197 90,277
MISC. FARM BUSINESS EXPENSES 12/	: 93.5 521 238,971
UTILITIES	: 91.0 1,109 508,868
ELECTRICITY	: 91.0 905 415,412
EXCLUDING IRRIGATION	: 91.0 883 405,073
FOR IRRIGATION	: 0.8 23 *10,339
AG CHEMICALS & SPRAYS: 13/	: 69.3 2,379 1,092,061
CROP PESTICIDES & CHEMICALS	: 62.0 2,286 1,049,458
LIVESTOCK SPRAYS & CHEMICALS	: 18.7 93 *42,603
FERTILIZER: 14/	: 78.5 4,596 2,109,388
COMMERCIAL FERTILIZERS	: 76.9 4,347 1,995,063
LIME & SOIL CONDITIONERS	: 18.7 249 114,325
INTEREST:	: 61.4 4,129 1,895,375
FARM REAL ESTATE	: 45.7 2,897 1,329,628
OPERATING LOANS	: 37.5 1,233 565,747
TAXES: (REAL ESTATE & PROPERTY)	: 97.7 2,144 983,948

SEE FOOTNOTES, PAGE 59.

PRODUCTION EXPENDITURES: CORN BELT
(IL, IN, IA, MO, OH), 1988 2/

EXPENDITURE - FARM SHARE	: FARMS : REPORTING : 3/	: AVERAGE : PER FARM : 4/	: TOTAL : EXPENDITURE : 7/ 8/
	: PERCENT	DOLLARS	1,000 DOLLARS
LABOR EXPENSES:	: 38.6	1,972	905,264
CASH WAGES	: 34.9	1,669	766,283
CONTRACT LABOR	: 5.2	95	*43,556
INSURANCE & RETIREMENT PLANS	: 3.2	80	36,949
FICA & OTHER COMPENSATION TAXES	: 13.5	127	58,476
FRINGE BENEFITS - CASH VALUE	: 10.1	115	52,734
FUELS & LUBRICANTS:	: 95.3	1,842	845,422
DIESEL	: 64.9	921	422,925
GASOLINE - BULK	: 59.8	443	203,360
GASOLINE - SERVICE STATION	: 35.7	127	58,416
L.P. GAS	: 22.5	178	81,747
NATURAL GAS	: 2.7	46	*21,045
OTHER (COAL, KEROSENE, WOOD, ETC.)	: 3.5	9	*4,037
MOTOR OILS, GREASE & SPECIAL FLUIDS	: 79.5	117	53,892
FARM SUPPLIES:	: 75.9	637	292,538
SUPPLIES USED IN PRODUCTION 16/	: 75.1	597	273,967
CONTAINERS USED FOR MARKETING	: 2.6	40	*18,571
BUILDING & FENCING:	: 52.1	861	395,226
NEW CONSTRUCTION & REMODELING	: 18.0	543	249,423
REPAIRS & MAINTENANCE	: 42.9	318	145,803
FARM & LAND IMPROVEMENTS: 26/	: 17.9	324	148,782
NEW CONSTRUCTION	: 8.3	215	98,625
MAINTENANCE & REPAIRS	: 11.0	109	*50,157
TOTAL FARM MACHINERY: 17/ 18/	: 91.8	5,458	2,505,382
TRACTORS	: 11.8	870	399,557
OTHER MACHINERY & EQUIPMENT	: 39.5	1,754	804,898
SELF-PROPELLED MACHINERY	: 7.9	642	294,542
NON SELF-PROPELLED MACHINERY	: 36.2	1,112	510,356
LIVESTOCK & POULTRY EQUIPMENT 19/	: 14.7	284	130,491
MACHINERY ACCESSORIES & SHOP	:	:	:
EQUIPMENT	: 6.7	28	12,822
FARM SHOP POWER EQUIPMENT	: 21.8	86	*39,310
REPAIR & REPLACEMENT PARTS	: 90.2	2,436	1,118,304
SEEDS & PLANTS: 21/	: 75.9	2,139	981,773
FIELD CROPS & SMALL GRAINS	: 64.4	1,899	871,523
LEGUMES GRASSES & FORAGES	: 32.2	127	58,479
SEEDS & PLANTS FOR OTHER CROPS	: 2.8	82	*37,678
OTHER SEED RELATED EXPENSES 22/	: 4.8	31	*14,093
TRUCKS & AUTOS: 23/	: 20.5	822	377,489
TRUCKS INCL BEDS, HYDR SYSTEMS, ETC.	: 15.9	712	326,760
AUTOS	: 7.3	111	50,729
OTHER UNALLOCATED EXPENSES: 27/	: 14.9	1,762	808,776

SEE FOOTNOTES, PAGE 59.

PRODUCTION EXPENDITURES: NORTH PLAINS
(KS, NE, ND, SD), 1988 2/

EXPENDITURE - FARM SHARE	: FARMS : : REPORTING : : 3/ :	: AVERAGE : : PER FARM : : 4/ :	: TOTAL : : EXPENDITURE : : 7/ 8/ :
	: PERCENT	: DOLLARS	: 1,000 DOLLARS
TOTAL FARM PRODUCTION EXPENDITURES 8/	: 100.0	78,433	14,980,609
LIVESTOCK AND POULTRY:	: 53.0	13,753	2,626,785
CATTLE PURCHASED	: 39.1	12,711	2,427,739
HOGS & PIGS PURCHASED	: 15.8	770	147,119
SHEEP & LAMBS PURCHASED	: 3.6	84	*16,004
POULTRY PURCHASED	: 5.4	97	*18,551
OTHER LIVESTOCK & POULTRY EXPENSES 9/	: 5.4	91	*17,373
FEED:	: 76.4	8,307	1,586,573
GRAINS	: 28.1	2,243	428,418
HAYS & FORAGES	: 24.6	658	125,653
COMPLETE RATIONS OR FORMULA FEEDS	: 18.0	1,758	*335,692
PROTEIN MEALS OR CONCENTRATES	: 34.4	2,478	*473,377
SUPPLEMENTS	: 19.2	682	*130,242
MINERALS, SALTS & ADDITIVES	: 55.2	488	93,190
FARM SERVICES:	: 99.6	18,820	3,594,611
CROP CUSTOM SERVICES	: 52.2	1,461	279,046
LIVESTOCK CUSTOM SERVICES	: 51.8	1,400	267,465
FEEDING & GRAZING ON A PER HEAD	:		
OR GAIN BASIS 10/	: 0.9	651	*124,292
TRANSPORTATION EXPENSES	: 40.5	370	70,645
VET SUPPLIES, SVCS, TESTING & BREEDING	: 70.0	733	140,006
RENT	: 65.7	9,923	1,895,333
CASH	: 45.4	3,850	735,306
SHARE	: 41.0	6,073	1,160,027
MARKETING & STORAGE EXPENSES	: 59.5	408	77,837
INSURANCE	: 95.6	1,676	320,041
LEASING 11/	: 9.3	307	58,564
MISC. FARM BUSINESS EXPENSES 12/	: 97.5	878	167,685
UTILITIES	: 91.9	1,665	317,989
ELECTRICITY	: 89.5	1,265	241,689
EXCLUDING IRRIGATION	: 89.1	1,058	202,124
FOR IRRIGATION	: 6.3	207	39,565
AG CHEMICALS & SPRAYS: 13/	: 70.0	1,874	358,022
CROP PESTICIDES & CHEMICALS	: 62.4	1,836	350,598
LIVESTOCK SPRAYS & CHEMICALS	: 22.5	39	7,424
FERTILIZER: 14/	: 72.9	3,824	730,391
COMMERCIAL FERTILIZERS	: 72.4	3,746	715,542
LIME & SOIL CONDITIONERS	: 4.7	78	*14,849
INTEREST:	: 71.7	5,802	1,108,218
FARM REAL ESTATE	: 53.7	3,401	649,603
OPERATING LOANS	: 50.9	2,401	458,615
TAXES: (REAL ESTATE & PROPERTY)	: 98.6	3,228	616,511

SEE FOOTNOTES, PAGE 59.

PRODUCTION EXPENDITURES: NORTHERN PLAINS
(KS, NE, ND, SD), 1988 2/

EXPENDITURE - FARM SHARE	: FARMS : REPORTING : 3/	: AVERAGE : PER FARM : 4/	: TOTAL : EXPENDITURE : 7/ 8/
	PERCENT	DOLLARS	1,000 DOLLARS
LABOR EXPENSES:	43.2	2,480	473,637
CASH WAGES	42.6	2,202	420,656
CONTRACT LABOR	5.2	86	*16,405
INSURANCE & RETIREMENT PLANS	1.7	37	*87,102
FICA & OTHER COMPENSATION TAXES	17.2	154	29,474
FRINGE BENEFITS - CASH VALUE	16.5	217	41,398
FUELS & LUBRICANTS:	95.6	3,888	742,597
DIESEL	76.3	2,000	382,051
GASOLINE - BULK	73.0	960	183,312
GASOLINE - SERVICE STATION	37.0	224	42,809
L.P. GAS	20.7	185	35,321
NATURAL GAS	3.8	257	*49,042
OTHER (COAL, KEROSENE, WOOD, ETC.)	3.7	12	*2,216
MOTOR OILS, GREASE & SPECIAL FLUIDS	82.6	250	47,845
FARM SUPPLIES:	78.6	872	166,585
SUPPLIES USED IN PRODUCTION 16/	78.6	865	165,283
CONTAINERS USED FOR MARKETING	0.7	7	*1,301
BUILDING & FENCING:	52.0	850	162,434
NEW CONSTRUCTION & REMODELING	15.5	493	94,090
REPAIRS & MAINTENANCE	44.2	358	68,344
FARM & LAND IMPROVEMENTS: 26/	22.5	558	106,651
NEW CONSTRUCTION	12.0	410	78,238
MAINTENANCE & REPAIRS	13.7	149	28,413
TOTAL FARM MACHINERY: 17/ 18/	94.2	8,629	1,648,195
TRACTORS	14.0	1,772	338,394
OTHER MACHINERY & EQUIPMENT	42.6	2,568	490,430
SELF-PROPELLED MACHINERY	7.4	582	111,214
NON SELF-PROPELLED MACHINERY	38.3	1,985	379,216
LIVESTOCK & POULTRY EQUIPMENT 19/	15.7	211	40,206
MACHINERY ACCESSORIES & SHOP			
EQUIPMENT	11.0	73	13,885
FARM SHOP POWER EQUIPMENT	24.6	93	17,697
REPAIR & REPLACEMENT PARTS	93.6	3,914	747,583
SEEDS & PLANTS: 21/	78.6	2,378	454,199
FIELD CROPS & SMALL GRAINS	73.9	2,051	391,678
LEGUMES GRASSES & FORAGES	21.7	226	43,121
SEEDS & PLANTS FOR OTHER CROPS	0.7	8	*1,551
OTHER SEED RELATED EXPENSES 22/	21.9	93	*17,849
TRUCKS & AUTOS: 23/	31.3	1,504	287,218
TRUCKS INCL BEDS, HYDR SYSTEMS, ETC.	23.1	1,256	239,877
AUTOS	9.4	248	47,342
OTHER UNALLOCATED EXPENSES: 27/	13.4	1,665	317,980

SEE FOOTNOTES, PAGE 59.

PRODUCTION EXPENDITURES: APPALACHIAN
(KY, NC, TN, VA, WV), 1988 2/

EXPENDITURE - FARM SHARE	: FARMS : : REPORTING : : 3/ :	AVERAGE : PER FARM : 4/ :	: TOTAL : EXPENDITURE : 7/ 8/ :
	PERCENT	DOLLARS	1,000 DOLLARS
TOTAL FARM PRODUCTION EXPENDITURES 8/	100.0	26,863	8,932,089
LIVESTOCK AND POULTRY:	39.7	2,566	853,340
CATTLE PURCHASED	27.4	1,171	389,394
HOGS & PIGS PURCHASED	6.9	550	*182,936
SHEEP & LAMBS PURCHASED	1.3	7	*2,356
POULTRY PURCHASED	4.0	545	*181,071
OTHER LIVESTOCK & POULTRY EXPENSES 9/	5.3	293	*97,582
FEED:	75.2	4,977	1,654,798
GRAINS	31.5	585	194,351
HAYS & FORAGES	26.4	260	86,452
COMPLETE RATIONS OR FORMULA FEEDS	24.7	3,317	*1,102,936
PROTEIN MEALS OR CONCENTRATES	11.2	376	124,971
SUPPLEMENTS	19.6	282	93,880
MINERALS, SALTS & ADDITIVES	53.4	157	52,208
FARM SERVICES:	98.3	5,132	1,706,521
CROP CUSTOM SERVICES	34.8	310	102,910
LIVESTOCK CUSTOM SERVICES	66.7	59	19,706
FEEDING & GRAZING ON A PER HEAD OR GAIN BASIS 10/	-	-	-
TRANSPORTATION EXPENSES	29.2	274	91,065
VET SUPPLIES, SVCS, TESTING & BREEDING	49.6	306	101,626
RENT	31.7	1,552	516,139
CASH	21.6	726	241,554
SHARE	12.8	826	274,585
MARKETING & STORAGE EXPENSES	60.6	673	223,678
INSURANCE	85.5	685	227,630
LEASING 11/	2.7	68	*22,560
MISC. FARM BUSINESS EXPENSES 12/	89.8	395	131,503
UTILITIES	77.1	811	269,704
ELECTRICITY	77.2	680	226,152
EXCLUDING IRRIGATION	77.1	675	224,326
FOR IRRIGATION	0.5	5	*1,826
AG CHEMICALS & SPRAYS: 13/	65.9	802	266,821
CROP PESTICIDES & CHEMICALS	48.2	756	251,375
LIVESTOCK SPRAYS & CHEMICALS	30.4	46	15,446
FERTILIZER: 14/	78.3	1,806	600,414
COMMERCIAL FERTILIZERS	74.8	1,656	550,676
LIME & SOIL CONDITIONERS	24.4	150	49,738
INTEREST:	35.4	1,720	571,946
FARM REAL ESTATE	28.2	1,354	450,054
OPERATING LOANS	14.7	367	121,892
TAXES: (REAL ESTATE & PROPERTY)	95.8	599	199,230

SEE FOOTNOTES, PAGE 59.

PRODUCTION EXPENDITURES: APPALACHIAN
(KY, NC, TN, VA, WV), 1988 2/

EXPENDITURE - FARM SHARE	: FARMS : REPORTING : 3/	: AVERAGE : PER FARM : 4/	: TOTAL : EXPENDITURE : 7/ 8/
	: PERCENT	DOLLARS	1,000 DOLLARS
LABOR EXPENSES:	: 48.1	2,398	797,319
CASH WAGES	: 40.4	1,874	623,247
CONTRACT LABOR	: 9.2	320	*106,350
INSURANCE & RETIREMENT PLANS	: 2.3	60	*19,919
FICA & OTHER COMPENSATION TAXES	: 7.6	144	47,803
FRINGE BENEFITS - CASH VALUE	: 12.5	138	45,910
FUELS & LUBRICANTS:	: 92.4	1,100	365,618
DIESEL	: 60.7	407	135,293
GASOLINE - BULK	: 16.3	137	45,673
GASOLINE - SERVICE STATION	: 60.7	201	66,930
L.P. GAS	: 7.0	227	*75,393
NATURAL GAS	: 0.4	11	*3,504
OTHER (COAL, KEROSENE, WOOD, ETC.)	: 3.1	40	*13,283
MOTOR OILS, GREASE & SPECIAL FLUIDS	: 73.3	77	25,542
FARM SUPPLIES:	: 69.7	547	182,041
SUPPLIES USED IN PRODUCTION 16/	: 68.8	466	154,785
CONTAINERS USED FOR MARKETING	: 4.0	82	*27,256
BUILDING & FENCING:	: 53.3	758	252,167
NEW CONSTRUCTION & REMODELING	: 20.6	521	*173,215
REPAIRS & MAINTENANCE	: 42.8	237	78,952
FARM & LAND IMPROVEMENTS: 26/	: 16.5	180	59,856
NEW CONSTRUCTION	: 8.4	127	42,127
MAINTENANCE & REPAIRS	: 9.2	53	17,729
TOTAL FARM MACHINERY: 17/ 18/	: 82.6	2,718	903,584
TRACTORS	: 9.4	578	192,136
OTHER MACHINERY & EQUIPMENT	: 25.2	780	259,383
SELF-PROPELLED MACHINERY	: 2.6	110	*36,456
NON SELF-PROPELLED MACHINERY	: 24.4	670	222,927
LIVESTOCK & POULTRY EQUIPMENT 19/	: 6.6	119	39,652
MACHINERY ACCESSORIES & SHOP	: 5.5	19	6,450
EQUIPMENT	: 20.1	59	19,763
FARM SHOP POWER EQUIPMENT	: 79.0	1,162	386,200
REPAIR & REPLACEMENT PARTS	: 67.3	674	224,012
SEEDS & PLANTS: 21/	: 46.7	448	149,076
FIELD CROPS & SMALL GRAINS	: 28.7	116	38,727
LEGUMES GRASSES & FORAGES	: 5.1	99	*33,048
SEEDS & PLANTS FOR OTHER CROPS	: 3.4	10	*3,160
OTHER SEED RELATED EXPENSES 22/	: 14.4	724	240,598
TRUCKS & AUTOS: 23/	: 12.8	687	228,331
TRUCKS INCL BEDS, HYDR SYSTEMS, ETC.	: 2.4	37	*12,268
AUTOS	: 2.6	162	*53,824
OTHER UNALLOCATED EXPENSES: 27/			

SEE FOOTNOTES, PAGE 59.

PRODUCTION EXPENDITURES: SOUTHEAST
(AL, FL, GA, SC), 1988 2/

EXPENDITURE - FARM SHARE	: FARMS : REPORTING : : 3/ :	: AVERAGE : PER FARM : : 4/ :	: TOTAL : EXPENDITURE : : 7/ 8/ :
	: PERCENT	DOLLARS	1,000 DOLLARS
TOTAL FARM PRODUCTION EXPENDITURES 8/	: 100.0	47,151	7,756,268
LIVESTOCK AND POULTRY:	: 31.3	4,117	677,210
CATTLE PURCHASED	: 20.1	2,575	*423,578
HOGS & PIGS PURCHASED	: 7.6	179	29,420
SHEEP & LAMBS PURCHASED	: 0.3	-	*141
POULTRY PURCHASED	: 4.1	1,158	*190,527
OTHER LIVESTOCK & POULTRY EXPENSES 9/	: 3.2	204	*33,544
FEED:	: 74.0	8,823	1,451,368
GRAINS	: 17.5	1,104	181,558
HAYS & FORAGES	: 30.3	546	89,764
COMPLETE RATIONS OR FORMULA FEEDS	: 29.8	5,139	845,349
PROTEIN MEALS OR CONCENTRATES	: 15.8	613	*100,782
SUPPLEMENTS	: 23.3	888	*146,072
MINERALS, SALTS & ADDITIVES	: 46.5	534	*87,844
FARM SERVICES:	: 97.5	7,632	1,255,436
CROP CUSTOM SERVICES	: 26.0	530	87,259
LIVESTOCK CUSTOM SERVICES	: 64.1	19	3,071
FEEDING & GRAZING ON A PER HEAD OR GAIN BASIS 10/	: -	-	-
TRANSPORTATION EXPENSES	: 23.8	831	136,651
VET SUPPLIES, SVCS, TESTING & BREEDING	: 42.5	344	56,634
RENT	: 22.1	1,482	243,839
CASH	: 20.4	1,047	172,258
SHARE	: 2.5	435	*71,581
MARKETING & STORAGE EXPENSES	: 43.8	1,037	170,602
INSURANCE	: 73.9	992	163,240
LEASING 11/	: 1.6	69	11,337
MISC. FARM BUSINESS EXPENSES 12/	: 85.8	816	134,188
UTILITIES	: 80.1	1,511	248,615
ELECTRICITY	: 86.1	1,315	216,322
EXCLUDING IRRIGATION	: 84.8	1,171	192,614
FOR IRRIGATION	: 6.4	144	23,709
AG CHEMICALS & SPRAYS: 13/	: 55.8	2,075	341,362
CROP PESTICIDES & CHEMICALS	: 33.1	1,940	319,191
LIVESTOCK SPRAYS & CHEMICALS	: 31.2	135	22,170
FERTILIZER: 14/	: 72.2	3,203	526,893
COMMERCIAL FERTILIZERS	: 69.6	2,856	469,877
LIME & SOIL CONDITIONERS	: 23.7	347	57,016
INTEREST:	: 33.0	2,407	395,902
FARM REAL ESTATE	: 27.1	1,773	291,622
OPERATING LOANS	: 12.8	634	104,280
TAXES: (REAL ESTATE & PROPERTY)	: 93.5	1,087	178,890

SEE FOOTNOTES, PAGE 59.

PRODUCTION EXPENDITURES: SOUTHEAST
(AL, FL, GA, SC), 1988 2/

EXPENDITURE - FARM SHARE	: FARMS : REPORTING : 3/	: AVERAGE : PER FARM : 4/	: TOTAL : EXPENDITURE : 7/ 8/
	: PERCENT	DOLLARS	1,000 DOLLARS
LABOR EXPENSES:	: 29.7	7,425	1,221,383
CASH WAGES	: 22.4	5,962	980,749
CONTRACT LABOR	: 9.1	785	*129,205
INSURANCE & RETIREMENT PLANS	: 3.2	160	*26,351
FICA & OTHER COMPENSATION TAXES	: 9.5	517	85,080
FRINGE BENEFITS - CASH VALUE	: 5.5	157	25,769
FUELS & LUBRICANTS:	: 86.5	1,767	290,687
DIESEL	: 58.9	806	132,661
GASOLINE - BULK	: 17.5	216	35,508
GASOLINE - SERVICE STATION	: 55.1	244	40,067
L.P. GAS	: 9.9	329	*54,054
NATURAL GAS	: 1.3	57	*9,310
OTHER (COAL, KEROSENE, WOOD, ETC.)	: 0.9	3	*465
MOTOR OILS, GREASE & SPECIAL FLUIDS	: 71.6	113	18,622
FARM SUPPLIES:	: 51.1	1,148	188,773
SUPPLIES USED IN PRODUCTION 16/	: 48.8	591	97,280
CONTAINERS USED FOR MARKETING	: 7.0	556	*91,491
BUILDING & FENCING:	: 47.6	965	158,773
NEW CONSTRUCTION & REMODELING	: 18.0	584	96,048
REPAIRS & MAINTENANCE	: 36.9	381	62,725
FARM & LAND IMPROVEMENTS: 26/	: 9.5	413	*67,867
NEW CONSTRUCTION	: 5.9	298	*49,033
MAINTENANCE & REPAIRS	: 4.0	114	*18,834
TOTAL FARM MACHINERY: 17/ 18/	: 73.8	3,361	552,921
TRACTORS	: 8.5	733	120,628
OTHER MACHINERY & EQUIPMENT	: 20.2	641	105,462
SELF-PROPELLED MACHINERY	: 2.1	175	28,744
NON SELF-PROPELLED MACHINERY	: 18.9	466	76,718
LIVESTOCK & POULTRY EQUIPMENT 19/	: 7.4	192	*31,549
MACHINERY ACCESSORIES & SHOP	: 3.7	34	5,541
EQUIPMENT	: 14.8	63	10,373
FARM SHOP POWER EQUIPMENT	: 69.0	1,698	279,369
REPAIR & REPLACEMENT PARTS	: 52.1	1,626	267,427
SEEDS & PLANTS: 21/	: 35.2	781	128,406
FIELD CROPS & SMALL GRAINS	: 11.1	55	8,992
LEGUMES GRASSES & FORAGES	: 9.2	772	*126,914
SEEDS & PLANTS FOR OTHER CROPS	: 3.2	19	*3,117
OTHER SEED RELATED EXPENSES 22/	: 12.8	737	121,173
TRUCKS & AUTOS: 23/	: 11.9	661	108,726
TRUCKS INCL BEDS, HYDR SYSTEMS, ETC.	: 2.3	76	*12,447
AUTOS	: 4.5	366	60,201
OTHER UNALLOCATED EXPENSES: 27/			

SEE FOOTNOTES, PAGE 59.

PRODUCTION EXPENDITURES: DELTA STATES
(AR, IA, MS), 1988 2/

EXPENDITURE - FARM SHARE	: FARMS : REPORTING : 3/	: AVERAGE : PER FARM : 4/	: TOTAL : EXPENDITURE : 7/ 8/
	: PERCENT	DOLLARS	1,000 DOLLARS
TOTAL FARM PRODUCTION EXPENDITURES 8/	: 100.0	47,068	5,883,468
LIVESTOCK AND POULTRY:	: 35.5	4,422	*552,705
CATTLE PURCHASED	: 23.5	2,485	*310,601
HOGS & PIGS PURCHASED	: 5.2	829	*103,669
SHEEP & LAMBS PURCHASED	: 0.4	2	*217
POULTRY PURCHASED	: 5.4	996	*124,514
OTHER LIVESTOCK & POULTRY EXPENSES 9/	: 4.7	110	*13,703
FEED:	: 80.0	9,980	*1,247,511
GRAINS	: 14.3	273	*34,158
HAYS & FORAGES	: 35.1	442	55,193
COMPLETE RATIONS OR FORMULA FEEDS	: 40.0	8,555	*1,069,379
PROTEIN MEALS OR CONCENTRATES	: 36.0	344	42,940
SUPPLEMENTS	: 18.4	225	*28,121
MINERALS, SALTS & ADDITIVES	: 60.9	142	17,720
FARM SERVICES:	: 96.9	9,337	1,167,136
CROP CUSTOM SERVICES	: 37.4	1,157	144,646
LIVESTOCK CUSTOM SERVICES	: 58.9	30	3,708
FEEDING & GRAZING ON A PER HEAD OR GAIN BASIS 10/	: -	-	-
TRANSPORTATION EXPENSES	: 24.6	453	56,640
VET SUPPLIES, SVCS, TESTING & BREEDING	: 49.2	221	27,666
RENT	: 34.7	3,855	481,835
CASH	: 28.8	1,629	203,591
SHARE	: 11.1	2,226	278,244
MARKETING & STORAGE EXPENSES	: 66.8	881	110,115
INSURANCE	: 78.0	975	121,894
LEASING 11/	: 2.8	326	40,734
MISC. FARM BUSINESS EXPENSES 12/	: 86.0	438	54,805
UTILITIES	: 69.7	1,001	125,094
ELECTRICITY	: 69.5	880	110,058
EXCLUDING IRRIGATION	: 68.9	770	96,231
FOR IRRIGATION	: 2.9	111	*13,827
AG CHEMICALS & SPRAYS: 13/	: 57.5	2,898	362,283
CROP PESTICIDES & CHEMICALS	: 29.4	2,847	355,838
LIVESTOCK SPRAYS & CHEMICALS	: 33.9	52	6,444
FERTILIZER: 14/	: 71.2	2,707	338,421
COMMERCIAL FERTILIZERS	: 71.1	2,497	312,131
LIME & SOIL CONDITIONERS	: 16.8	210	26,289
INTEREST:	: 43.2	2,477	309,616
FARM REAL ESTATE	: 32.6	1,629	203,578
OPERATING LOANS	: 19.0	848	106,038
TAXES: (REAL ESTATE & PROPERTY)	: 78.8	711	88,845

SEE FOOTNOTES, PAGE 59.

PRODUCTION EXPENDITURES: DELTA STATES
(AR, LA, MS), 1988 2/

EXPENDITURE - FARM SHARE	: FARMS : REPORTING : 3/	: AVERAGE : PER FARM : 4/	: TOTAL : EXPENDITURE : 7/ 8/
	: PERCENT	DOLLARS	1,000 DOLLARS
LABOR EXPENSES:	: 35.5	3,294	411,759
CASH WAGES	: 33.2	2,596	324,442
CONTRACT LABOR	: 9.0	200	*25,045
INSURANCE & RETIREMENT PLANS	: 1.2	71	*8,916
FICA & OTHER COMPENSATION TAXES	: 12.2	427	53,356
FRINGE BENEFITS - CASH VALUE	: 6.0	136	17,003
FUELS & LUBRICANTS:	: 92.5	2,046	255,745
DIESEL	: 65.0	1,206	150,765
GASOLINE - BULK	: 10.8	131	16,368
GASOLINE - SERVICE STATION	: 60.9	276	34,534
L.P. GAS	: 13.3	150	*18,694
NATURAL GAS	: 2.3	119	*14,880
OTHER (COAL, KEROSENE, WOOD, ETC.)	: 2.6	-	*132
MOTOR OILS, GREASE & SPECIAL FLUIDS	: 78.7	163	20,372
FARM SUPPLIES:	: 57.1	395	49,411
SUPPLIES USED IN PRODUCTION 16/	: 55.3	348	43,532
CONTAINERS USED FOR MARKETING	: 2.9	47	*5,879
BUILDING & FENCING:	: 56.0	1,272	*159,027
NEW CONSTRUCTION & REMODELING	: 22.0	1,077	*134,577
REPAIRS & MAINTENANCE	: 43.1	196	24,449
FARM & LAND IMPROVEMENTS: 26/	: 13.0	352	44,034
NEW CONSTRUCTION	: 9.3	293	36,659
MAINTENANCE & REPAIRS	: 4.8	59	7,375
TOTAL FARM MACHINERY: 17/ 18/	: 82.5	5,007	625,916
TRACTORS	: 8.3	1,037	129,596
OTHER MACHINERY & EQUIPMENT	: 24.5	1,298	162,311
SELF-PROPELLED MACHINERY	: 1.8	369	*46,113
NON SELF-PROPELLED MACHINERY	: 23.7	930	*116,199
LIVESTOCK & POULTRY EQUIPMENT 19/	: 7.5	178	*22,245
MACHINERY ACCESSORIES & SHOP	: 8.2	50	6,300
EQUIPMENT	: 17.9	70	8,788
FARM SHOP POWER EQUIPMENT	: 79.0	2,373	296,675
REPAIR & REPLACEMENT PARTS	: 56.4	1,302	162,707
SEEDS & PLANTS: 21/	: 24.0	801	100,099
FIELD CROPS & SMALL GRAINS	: 26.7	95	11,890
LEGUMES GRASSES & FORAGES	: 8.6	399	*49,859
SEEDS & PLANTS FOR OTHER CROPS	: 2.1	7	*860
OTHER SEED RELATED EXPENSES 22/	: 15.2	711	88,860
TRUCKS & AUTOS: 23/	: 11.8	685	*85,605
TRUCKS INCL BEDS, HYDR SYSTEMS, ETC.	: 2.7	26	*3,256
AUTOS	: 2.9	156	*19,494
OTHER UNALLOCATED EXPENSES: 27/			

SEE FOOTNOTES, PAGE 59.

PRODUCTION EXPENDITURES: SOUTHERN PLAINS
(OK, TX), 1988 2/

EXPENDITURE - FARM SHARE	: FARMS : : REPORTING : : 3/ :	: AVERAGE : : PER FARM : : 4/ :	: TOTAL : : EXPENDITURE : : 7/ 8/ :
	: PERCENT	DOLLARS	1,000 DOLLARS
TOTAL FARM PRODUCTION EXPENDITURES 8/	: 100.0	56,417	12,693,827
LIVESTOCK AND POULTRY:	: 40.8	11,643	2,619,787
CATTLE PURCHASED	: 33.6	11,226	2,525,851
HOGS & PIGS PURCHASED	: 2.9	41	*9,309
SHEEP & LAMBS PURCHASED	: 2.4	239	*53,779
POULTRY PURCHASED	: 3.0	29	* 6,468
OTHER LIVESTOCK & POULTRY EXPENSES 9/	: 6.2	108	*24,380
FEED:	: 84.6	7,607	1,711,486
GRAINS	: 12.9	2,858	*642,970
HAYS & FORAGES	: 40.4	1,260	283,567
COMPLETE RATIONS OR FORMULA FEEDS	: 40.6	1,896	426,662
PROTEIN MEALS OR CONCENTRATES	: 40.4	921	207,179
SUPPLEMENTS	: 13.4	310	*69,826
MINERALS, SALTS & ADDITIVES	: 54.4	361	81,282
FARM SERVICES:	: 98.3	11,019	2,479,178
CROP CUSTOM SERVICES	: 37.8	941	211,830
LIVESTOCK CUSTOM SERVICES	: 62.6	330	74,230
FEEDING & GRAZING ON A PER HEAD	:	:	:
OR GAIN BASIS 10/	: 0.4	133	*29,947
TRANSPORTATION EXPENSES	: 25.3	411	92,396
VET SUPPLIES, SVCS, TESTING & BREEDING	: 62.0	519	116,737
RENT	: 45.6	3,876	872,121
CASH	: 39.3	1,919	431,877
SHARE	: 11.4	1,957	440,244
MARKETING & STORAGE EXPENSES	: 54.6	1,150	258,772
INSURANCE	: 79.6	1,075	241,886
LEASING 11/	: 4.0	277	*62,297
MISC. FARM BUSINESS EXPENSES 12/	: 89.8	953	214,353
UTILITIES	: 81.5	1,487	334,555
ELECTRICITY	: 86.8	1,174	264,130
EXCLUDING IRRIGATION	: 85.8	966	217,351
FOR IRRIGATION	: 4.5	208	*46,779
AG CHEMICALS & SPRAYS: 13/	: 49.2	1,003	225,615
CROP PESTICIDES & CHEMICALS	: 27.2	896	201,562
LIVESTOCK SPRAYS & CHEMICALS	: 30.8	107	24,054
FERTILIZER: 14/	: 58.4	2,639	593,823
COMMERCIAL FERTILIZERS	: 56.2	2,572	578,643
LIME & SOIL CONDITIONERS	: 6.5	67	*15,180
INTEREST:	: 43.1	3,585	806,566
FARM REAL ESTATE	: 29.0	1,999	449,870
OPERATING LOANS	: 25.2	1,585	356,696
TAXES: (REAL ESTATE & PROPERTY)	: 98.2	1,384	311,362

SEE FOOTNOTES, PAGE 59.

PRODUCTION EXPENDITURES: SOUTHERN PLAINS
(OK, TX), 1988 2/

EXPENDITURE - FARM SHARE	: FARMS : REPORTING : 3/	: AVERAGE : PER FARM : 4/	: TOTAL : EXPENDITURE : 7/ 8/
	: PERCENT	DOLLARS	1,000 DOLLARS
LABOR EXPENSES:	: 37.7	4,249	956,066
CASH WAGES	: 22.7	3,264	734,391
CONTRACT LABOR	: 22.0	559	125,881
INSURANCE & RETIREMENT PLANS	: 1.9	88	19,795
FICA & OTHER COMPENSATION TAXES	: 9.8	338	75,998
FRINGE BENEFITS - CASH VALUE	: 6.2	315	70,831
FUELS & LUBRICANTS:	: 89.2	2,419	544,216
DIESEL	: 66.2	1,098	247,058
GASOLINE - BULK	: 16.6	283	63,670
GASOLINE - SERVICE STATION	: 58.5	464	104,315
L.P. GAS	: 13.6	137	30,905
NATURAL GAS	: 3.2	276	*62,147
OTHER (COAL, KEROSENE, WOOD, ETC.)	: 1.0	2	*355
MOTOR OILS, GREASE & SPECIAL FLUIDS	: 72.4	159	35,767
FARM SUPPLIES:	: 44.0	807	181,511
SUPPLIES USED IN PRODUCTION 16/	: 41.2	764	171,833
CONTAINERS USED FOR MARKETING	: 5.2	43	*9,679
BUILDING & FENCING:	: 54.4	1,061	238,621
NEW CONSTRUCTION & REMODELING	: 22.3	762	171,402
REPAIRS & MAINTENANCE	: 39.2	299	67,218
FARM & LAND IMPROVEMENTS: 26/	: 16.3	438	98,611
NEW CONSTRUCTION	: 6.1	273	61,318
MAINTENANCE & REPAIRS	: 11.0	166	37,293
TOTAL FARM MACHINERY: 17/ 18/	: 82.0	5,368	1,207,902
TRACTORS	: 8.0	1,806	*406,329
OTHER MACHINERY & EQUIPMENT	: 18.3	1,061	238,721
SELF-PROPELLED MACHINERY	: 2.2	402	*90,530
NON SELF-PROPELLED MACHINERY	: 17.7	659	148,192
LIVESTOCK & POULTRY EQUIPMENT 19/	: 10.0	142	31,997
MACHINERY ACCESSORIES & SHOP	: 4.5	28	6,249
EQUIPMENT	: 22.6	151	34,057
FARM SHOP POWER EQUIPMENT	: 79.5	2,180	490,549
REPAIR & REPLACEMENT PARTS	: 53.4	1,656	*372,596
SEEDS & PLANTS: 21/	: 37.9	822	184,978
FIELD CROPS & SMALL GRAINS	: 15.7	86	19,330
LEGUMES GRASSES & FORAGES	: 2.0	644	*144,932
SEEDS & PLANTS FOR OTHER CROPS	: 6.1	104	*23,356
OTHER SEED RELATED EXPENSES 22/	: 19.8	1,426	320,863
TRUCKS & AUTOS: 23/	: 16.1	1,266	284,932
TRUCKS INCL BEDS, HYDR SYSTEMS, ETC.	: 5.0	160	*35,932
AUTOS	: 2.3	114	25,625
OTHER UNALLOCATED EXPENSES: 27/			

SEE FOOTNOTES, PAGE 59.

PRODUCTION EXPENDITURES: MOUNTAIN
(AZ, CO, ID, MT, NV, NM, UT, WY), 1988 2/

EXPENDITURE - FARM SHARE	: FARMS : REPORTING : 3/	: AVERAGE : PER FARM : 4/	: TOTAL : EXPENDITURE : 7/ 8/
	: PERCENT	DOLLARS	1,000 DOLLARS
TOTAL FARM PRODUCTION EXPENDITURES 8/	: 100.0	82,778	9,858,902
LIVESTOCK AND POULTRY:	: 46.8	12,190	*1,451,826
CATTLE PURCHASED	: 36.2	11,544	*1,374,922
HOGS & PIGS PURCHASED	: 9.4	122	*14,479
SHEEP & LAMBS PURCHASED	: 5.0	239	*28,512
POULTRY PURCHASED	: 3.2	4	*509
OTHER LIVESTOCK & POULTRY EXPENSES 9/	: 9.9	280	*33,404
FEED:	: 70.1	15,242	*1,815,325
GRAINS	: 34.0	4,772	*568,395
HAYS & FORAGES	: 31.3	3,206	381,781
COMPLETE RATIONS OR FORMULA FEEDS	: 14.4	3,077	*366,484
PROTEIN MEALS OR CONCENTRATES	: 20.8	2,119	*252,418
SUPPLEMENTS	: 14.5	970	*115,503
MINERALS, SALTS & ADDITIVES	: 52.6	1,098	*130,744
FARM SERVICES:	: 98.6	18,126	2,158,787
CROP CUSTOM SERVICES	: 43.0	1,170	139,338
LIVESTOCK CUSTOM SERVICES	: 57.0	773	92,022
FEEDING & GRAZING ON A PER HEAD	:		
OR GAIN BASIS 10/	: 11.0	314	37,436
TRANSPORTATION EXPENSES	: 32.3	781	92,979
VET SUPPLIES, SVCS, TESTING & BREEDING	: 59.1	947	112,812
RENT	: 43.6	5,133	611,286
CASH	: 36.9	2,238	266,558
SHARE	: 13.3	2,894	344,727
MARKETING & STORAGE EXPENSES	: 45.3	711	84,658
INSURANCE	: 83.5	3,622	*431,338
LEASING 11/	: 7.9	291	34,635
MISC. FARM BUSINESS EXPENSES 12/	: 94.7	2,126	253,153
UTILITIES	: 83.7	2,574	306,566
ELECTRICITY	: 83.0	2,282	271,767
EXCLUDING IRRIGATION	: 80.8	984	117,212
FOR IRRIGATION	: 23.8	1,298	154,554
AG CHEMICALS & SPRAYS: 13/	: 54.5	1,492	177,649
CROP PESTICIDES & CHEMICALS	: 39.9	1,306	155,539
LIVESTOCK SPRAYS & CHEMICALS	: 26.1	186	22,110
FERTILIZER: 14/	: 44.6	2,875	342,362
COMMERCIAL FERTILIZERS	: 45.4	2,834	337,543
LIME & SOIL CONDITIONERS	: 1.6	40	*4,819
INTEREST:	: 60.9	6,594	785,312
FARM REAL ESTATE	: 45.3	4,366	519,964
OPERATING LOANS	: 35.0	2,228	265,349
TAXES: (REAL ESTATE & PROPERTY)	: 95.8	2,124	252,959

SEE FOOTNOTES, PAGE 59.

PRODUCTION EXPENDITURES: MOUNTAIN
(AZ, CO, ID, MT, NV, NM, UT, WY), 1988 2/

EXPENDITURE - FARM SHARE	: FARMS : REPORTING : 3/	: AVERAGE : PER FARM : 4/	: TOTAL : EXPENDITURE : 7/ 8/
	: PERCENT	DOLLARS	1,000 DOLLARS
LABOR EXPENSES:	: 46.7	7,335	873,611
CASH WAGES	: 33.5	5,912	704,078
CONTRACT LABOR	: 15.1	510	*60,731
INSURANCE & RETIREMENT PLANS	: 6.4	284	33,833
FICA & OTHER COMPENSATION TAXES	: 18.1	629	*74,969
FRINGE BENEFITS - CASH VALUE	: 11.1	549	65,434
FUELS & LUBRICANTS:	: 90.9	2,866	341,372
DIESEL	: 63.0	1,304	155,280
GASOLINE - BULK	: 55.4	922	109,776
GASOLINE - SERVICE STATION	: 42.3	228	27,172
L.P. GAS	: 16.1	106	12,599
NATURAL GAS	: 2.2	65	*7,694
OTHER (COAL, KEROSENE, WOOD, ETC.)	: 2.6	14	*1,694
MOTOR OILS, GREASE & SPECIAL FLUIDS	: 75.9	228	27,157
FARM SUPPLIES:	: 79.3	1,415	168,539
SUPPLIES USED IN PRODUCTION 16/	: 78.3	1,217	144,897
CONTAINERS USED FOR MARKETING	: 4.0	199	*23,643
BUILDING & FENCING:	: 45.8	1,276	152,030
NEW CONSTRUCTION & REMODELING	: 18.6	896	*106,677
REPAIRS & MAINTENANCE	: 35.5	381	45,354
FARM & LAND IMPROVEMENTS: 26/	: 22.7	1,044	124,393
NEW CONSTRUCTION	: 9.9	585	*69,698
MAINTENANCE & REPAIRS	: 15.1	459	*54,695
TOTAL FARM MACHINERY: 17/ 18/	: 85.9	6,349	756,142
TRACTORS	: 7.9	904	107,655
OTHER MACHINERY & EQUIPMENT	: 22.6	1,631	194,299
SELF-PROPELLED MACHINERY	: 9.6	755	*89,881
NON SELF-PROPELLED MACHINERY	: 18.4	877	104,418
LIVESTOCK & POULTRY EQUIPMENT 19/	: 7.2	248	29,543
MACHINERY ACCESSORIES & SHOP	: 7.2	57	*6,744
EQUIPMENT	: 17.3	118	14,015
FARM SHOP POWER EQUIPMENT	: 84.1	3,391	403,886
REPAIR & REPLACEMENT PARTS	: 47.7	1,592	189,562
SEEDS & PLANTS: 21/	: 41.7	811	96,579
FIELD CROPS & SMALL GRAINS	: 21.1	275	32,751
LEGUMES GRASSES & FORAGES	: 3.4	438	*52,194
SEEDS & PLANTS FOR OTHER CROPS	: 9.3	67	*8,038
OTHER SEED RELATED EXPENSES 22/	: 23.3	1,468	174,878
TRUCKS & AUTOS: 23/	: 20.1	1,285	153,064
TRUCKS INCL BEDS, HYDR SYSTEMS, ETC.	: 8.4	183	21,814
AUTOS	: 5.1	791	*94,153
OTHER UNALLOCATED EXPENSES: 27/			

SEE FOOTNOTES, PAGE 59.

PRODUCTION EXPENDITURES: PACIFIC
(CA, OR, WA), 1988 2/

EXPENDITURE - FARM SHARE	: FARMS : REPORTING : : 3/ :	: AVERAGE : PER FARM : : 4/ :	: TOTAL : EXPENDITURE : : 7/ 8/ :
	: PERCENT	DOLLARS	1,000 DOLLARS
TOTAL FARM PRODUCTION EXPENDITURES 8/	: 100.0	81,532	12,433,689
LIVESTOCK AND POULTRY:	: 33.4	3,906	595,592
CATTLE PURCHASED	: 20.2	3,065	*467,365
HOGS & PIGS PURCHASED	: 3.8	20	*3,099
SHEEP & LAMBS PURCHASED	: 2.7	472	*71,991
POULTRY PURCHASED	: 4.7	108	*16,466
OTHER LIVESTOCK & POULTRY EXPENSES 9/	: 11.3	240	*36,671
FEED:	: 56.1	9,998	1,524,704
GRAINS	: 15.0	1,807	*275,512
HAYS & FORAGES	: 36.3	2,868	437,387
COMPLETE RATIONS OR FORMULA FEEDS	: 26.3	4,285	*653,520
PROTEIN MEALS OR CONCENTRATES	: 5.8	427	*65,193
SUPPLEMENTS	: 8.4	263	*40,143
MINERALS, SALTS & ADDITIVES	: 42.2	347	*52,951
FARM SERVICES:	: 99.4	19,407	2,959,610
CROP CUSTOM SERVICES	: 42.4	1,808	275,697
LIVESTOCK CUSTOM SERVICES	: 60.9	779	118,727
FEEDING & GRAZING ON A PER HEAD OR GAIN BASIS 10/	: 2.6	105	*16,088
TRANSPORTATION EXPENSES	: 26.4	993	151,365
VET SUPPLIES, SVCS, TESTING & BREEDING	: 40.6	501	76,443
RENT	: 23.8	5,611	855,671
CASH	: 18.6	3,368	513,661
SHARE	: 7.4	2,243	342,010
MARKETING & STORAGE EXPENSES	: 30.0	2,028	309,336
INSURANCE	: 82.3	1,688	257,446
LEASING 11/	: 9.6	397	60,540
MISC. FARM BUSINESS EXPENSES 12/	: 90.1	2,870	437,689
UTILITIES	: 87.4	2,732	416,696
ELECTRICITY	: 88.7	2,419	368,824
EXCLUDING IRRIGATION	: 81.1	1,218	185,722
FOR IRRIGATION	: 37.0	1,201	183,102
AG CHEMICALS & SPRAYS: 13/	: 57.0	2,776	423,282
CROP PESTICIDES & CHEMICALS	: 45.8	2,626	400,456
LIVESTOCK SPRAYS & CHEMICALS	: 17.9	150	22,827
FERTILIZER: 14/	: 54.6	3,518	536,434
COMMERCIAL FERTILIZERS	: 53.0	3,275	499,380
LIME & SOIL CONDITIONERS	: 9.1	243	37,054
INTEREST:	: 52.2	5,875	895,950
FARM REAL ESTATE	: 43.5	4,382	668,182
OPERATING LOANS	: 18.0	1,494	227,768
TAXES: (REAL ESTATE & PROPERTY)	: 94.1	2,241	341,729

SEE

FOOTNOTES, PAGE 59.

PRODUCTION EXPENDITURES: PACIFIC
(CA, OR, WA), 1988 2/

EXPENDITURE - FARM SHARE	: FARMS : REPORTING : 3/	: AVERAGE : PER FARM : 4/	: TOTAL : EXPENDITURE : 7/ 8/
	: PERCENT	DOLLARS	1,000 DOLLARS
LABOR EXPENSES:	: 51.8	17,349	2,645,740
CASH WAGES	: 43.6	12,446	1,897,962
CONTRACT LABOR	: 13.3	2,330	*355,368
INSURANCE & RETIREMENT PLANS	: 8.2	615	93,753
FICA & OTHER COMPENSATION TAXES	: 30.1	1,958	298,658
FRINGE BENEFITS - CASH VALUE	: 8.7	462	70,434
FUELS & LUBRICANTS:	: 87.1	2,141	326,499
DIESEL	: 49.4	909	138,641
GASOLINE - BULK	: 31.0	631	96,269
GASOLINE - SERVICE STATION	: 55.1	242	36,829
L.P. GAS	: 6.7	86	*13,105
NATURAL GAS	: 1.4	110	*16,761
OTHER (COAL, KEROSENE, WOOD, ETC.)	: 2.6	8	*1,225
MOTOR OILS, GREASE & SPECIAL FLUIDS	: 64.5	155	23,668
FARM SUPPLIES:	: 76.2	2,759	420,752
SUPPLIES USED IN PRODUCTION 16/	: 74.6	1,281	195,394
CONTAINERS USED FOR MARKETING	: 11.6	1,478	225,358
BUILDING & FENCING:	: 42.4	1,332	203,092
NEW CONSTRUCTION & REMODELING	: 19.4	965	147,195
REPAIRS & MAINTENANCE	: 31.2	367	55,897
FARM & LAND IMPROVEMENTS: 26/	: 24.2	909	138,567
NEW CONSTRUCTION	: 11.0	571	87,106
MAINTENANCE & REPAIRS	: 14.4	337	51,461
TOTAL FARM MACHINERY: 17/ 18/	: 79.9	5,726	873,277
TRACTORS	: 6.2	754	114,946
OTHER MACHINERY & EQUIPMENT	: 21.5	1,311	199,986
SELF-PROPELLED MACHINERY	: 7.1	849	*129,510
NON SELF-PROPELLED MACHINERY	: 17.7	462	70,476
LIVESTOCK & POULTRY EQUIPMENT 19/	: 3.8	205	31,260
MACHINERY ACCESSORIES & SHOP	: 5.6	59	8,965
EQUIPMENT	: 21.9	140	21,281
FARM SHOP POWER EQUIPMENT	: 74.5	3,258	496,840
REPAIR & REPLACEMENT PARTS	: 37.3	2,232	340,433
SEEDS & PLANTS: 21/	: 15.6	699	106,617
FIELD CROPS & SMALL GRAINS	: 8.4	107	16,321
LEGUMES GRASSES & FORAGES	: 17.5	1,375	*209,662
SEEDS & PLANTS FOR OTHER CROPS	: 1.6	51	*7,833
OTHER SEED RELATED EXPENSES 22/	: 14.7	994	151,613
TRUCKS & AUTOS: 23/	: 12.1	865	131,882
TRUCKS INCL BEDS, HYDR SYSTEMS, ETC.	: 2.5	129	*19,731
AUTOS	: 3.1	370	*56,414
OTHER UNALLOCATED EXPENSES: 27/			

SEE FOOTNOTES, PAGE 59.

NORTHEAST 1/
EXPENDITURES BY VALUE OF SALES, 1988

EXPENDITURE - FARM SHARE	: LESS	: \$40,000	: \$100,000
	: THAN	: TO	: AND
	: \$40,000	: \$99,999	: OVER
	1,000 DOLLARS		
TOTAL EXPENDITURES 8/	1,153,478	1,066,363	5,641,145
LIVESTOCK & POULTRY	46,203	62,343	*481,451
CATTLE PURCHASED	*33,173	52,896	*323,963
HOGS & PIGS PURCHASED	*3,950	*1,863	*72,602
POULTRY PURCHASED	*1,127	*1,772	*66,613
OTHER LIVESTOCK & POULTRY EXPENSES 9/	*6,762	*5,781	*18,257
FEED	125,596	269,460	1,157,938
GRAINS	*15,921	*8,319	*137,579
HAYS & FORAGES	19,102	*29,781	*45,086
COMPLETE RATIONS OR FORMULA FEEDS	*71,861	*191,313	662,814
PROTEIN MEALS OR CONCENTRATES	*10,164	*25,900	226,013
SUPPLEMENTS	5,328	*8,928	*45,854
MINERALS, SALTS & ADDITIVES	3,220	*5,219	40,591
FARM SERVICES 10/ 28/	206,517	177,219	853,838
CROP CUSTOM SERVICES	16,159	7,997	41,124
LIVESTOCK CUSTOM SERVICES	1,640	3,895	3,124
TRANSPORTATION	8,701	24,130	108,158
VET SUPPLIES, SVCS, TESTING & BREEDING	21,141	22,533	93,281
RENT	*18,613	33,767	176,744
MARKETING & STORAGE	*6,687	14,019	78,515
INSURANCE	43,468	24,469	108,557
LEASING 11/	*1,195	*793	19,422
MISC. FARM BUSINESS EXPENSE 12/	29,282	14,338	76,070
UTILITIES	59,635	33,525	148,844
ELECTRICITY	51,808	28,260	130,200
AG CHEMICALS & SPRAYS 13/	15,035	22,234	150,167
FERTILIZER 14/	44,169	48,345	280,189
COMMERCIAL FERTILIZERS	37,204	42,631	242,843
LIME & SOIL CONDITIONERS	6,965	5,713	37,346
INTEREST	105,472	82,817	265,171
FARM REAL ESTATE	96,312	*60,057	192,655
TAXES (REAL ESTATE & PROPERTY)	143,590	36,015	122,415
LABOR	51,314	61,527	964,488
CASH WAGES	*39,893	*52,648	766,579
FUELS & LUBRICANTS	55,017	38,424	173,448
DIESEL	16,185	*20,599	83,170
GASOLINE - BULK	18,558	7,686	38,244
GASOLINE - SERVICE STATION	9,596	*4,594	*6,735
FARM SUPPLIES	37,407	34,711	181,016
SUPPLIES USED IN PRODUCTION 16/	30,478	32,870	111,526
BUILDING & FENCING	65,094	*9,567	160,328
NEW CONSTRUCTION & REMODELING	38,718	*19,987	121,060
FARM & LAND IMPROVEMENTS 26/	*15,265	*7,765	*44,082
NEW CONSTRUCTION	*12,490	*3,892	*34,655
MAINTENANCE & REPAIRS	*2,775	*3,873	9,427
TOTAL FARM MACHINERY 17/ 18/ 19/ 20/	168,574	145,297	590,388
TRACTORS	*49,392	*32,835	75,743
OTHER MACHINERY & EQUIPMENT	42,234	49,005	212,728
SELF-PROPELLED MACHINERY	*3,635	*9,284	*96,320
NON SELF-PROPELLED MACHINERY	38,599	*39,722	116,408
SEEDS & PLANTS 21/ 22/	31,956	30,341	146,519
TRUCKS & AUTOS 23/	31,248	16,311	53,136
TRUCKS INCL BEDS, HYDR SYSTEMS, ETC.	*27,312	*15,524	50,223

SEE FOOTNOTES, PAGE 59.

LAKE STATES 1/
EXPENDITURES BY VALUE OF SALES, 1988

EXPENDITURE - FARM SHARE	: : LESS : THAN : \$40,000	: : \$40,000 : TO : \$99,999	: : \$100,000 : AND : OVER
		1,000 DOLLARS	
TOTAL EXPENDITURES 8/	: 1,939,457	2,453,838	8,622,440
LIVESTOCK & POULTRY	: *352,122	130,969	693,646
CATTLE PURCHASED	: *292,903	*97,685	*591,605
HOGS & PIGS PURCHASED	: *40,842	*25,984	82,905
POULTRY PURCHASED	: *411	*4,865	*20,095
OTHER LIVESTOCK & POULTRY EXPENSES 9/	: *16,815	*468	*8,235
FEED	: 221,386	451,316	1,242,557
GRAINS	: 78,878	*95,513	*314,877
HAYS & FORAGES	: 33,394*	*62,811	59,193
COMPLETE RATIONS OR FORMULA FEEDS	: 41,949*	*69,927	*186,301
PROTEIN MEALS OR CONCENTRATES	: 48,833	143,362	524,861
SUPPLEMENTS	: 8,156*	*60,256	*78,726
MINERALS, SALTS & ADDITIVES	: 10,176	19,447	78,599
FARM SERVICES 10/ 28/	: 342,490	475,746	1,598,668
CROP CUSTOM SERVICES	: 28,933	25,930	93,306
LIVESTOCK CUSTOM SERVICES	: 1,793	1,848	25,410
TRANSPORTATION	: 15,201	34,477	86,346
VET SUPPLIES, SVCS, TESTING & BREEDING	: 22,407	49,588	148,991
RENT	: 81,361	148,939	600,350
MARKETING & STORAGE	: 12,948	32,712	102,083
INSURANCE	: 59,094	63,323	181,418
LEASING 11/	: *5,295	*4,069	32,337
MISC. FARM BUSINESS EXPENSE 12/	: 31,035	28,098	111,689
UTILITIES	: 84,424	86,762	208,717
ELECTRICITY	: 68,623	72,945	181,259
AG CHEMICALS & SPRAYS 13/	: 45,774	74,252	304,297
FERTILIZER 14/	: 88,399	151,343	567,091
COMMERCIAL FERTILIZERS	: 83,589	142,363	528,119
LIME & SOIL CONDITIONERS	: *4,810	*8,980	*38,972
INTEREST	: 143,555	225,006	774,591
FARM REAL ESTATE	: 111,398	157,055	541,437
TAXES (REAL ESTATE & PROPERTY)	: 171,291	126,925	354,279
LABOR	: 34,457	124,655	702,829
CASH WAGES	: *29,032	115,130	609,268
FUELS & LUBRICANTS	: 74,879	99,707	296,664
DIESEL	: 29,388	42,773	169,042
GASOLINE - BULK	: 24,529	35,216	71,488
GASOLINE - SERVICE STATION	: 10,635	*9,519	5,243
FARM SUPPLIES	: 36,756	81,936	192,754
SUPPLIES USED IN PRODUCTION 16/	: 33,569	77,193	150,039
BUILDING & FENCING	: 70,036	68,562	111,217
NEW CONSTRUCTION & REMODELING	: *52,158	*41,519	56,945
FARM & LAND IMPROVEMENTS 26/	: *15,862	*9,125	*62,198
NEW CONSTRUCTION	: *11,749	*5,108	*49,353
MAINTENANCE & REPAIRS	: *4,113	*4,017	12,845
TOTAL FARM MACHINERY 17/ 18/ 19/ 20/	: 225,489	287,076	1,011,126
TRACTORS	: *41,487	*34,529	175,080
OTHER MACHINERY & EQUIPMENT	: 65,125	79,018	308,496
SELF-PROPELLED MACHINERY	: *23,757	*4,866	*85,629
NON SELF-PROPELLED MACHINERY	: 41,368	74,152	222,867
SEEDS & PLANTS 21/ 22/	: 63,877	92,241	334,521
TRUCKS & AUTOS 23/	: 49,502	41,413	104,193
TRUCKS INCL BEDS, HYDR SYSTEMS, ETC.	: *42,045	*29,614	*78,585

SEE FOOTNOTES, PAGE 59.

CORN BELT 1/
EXPENDITURES BY VALUE OF SALES, 1988

EXPENDITURE - FARM SHARE	: LESS : THAN : \$40,000	: \$40,000 : TO : \$99,999	: \$100,000 : AND : OVER
	1,000 DOLLARS		
TOTAL EXPENDITURES 8/	: 3,396,221	4,715,712	16,834,246
LIVESTOCK & POULTRY	: 220,633	*293,900	1,948,714
CATTLE PURCHASED	: 160,247	*206,120	1,459,728
HOGS & PIGS PURCHASED	: *54,746	*69,540	465,602
POULTRY PURCHASED	: 684	*10,395	*7,284
OTHER LIVESTOCK & POULTRY EXPENSES 9/	: *3,106	*5,341	*11,243
FEED	: 380,199	642,376	2,431,940
GRAINS	: 80,420	*136,193	491,687
HAYS & FORAGES	: 56,783	*63,535	*83,387
COMPLETE RATIONS OR FORMULA FEEDS	: *149,813	*246,982	344,684
PROTEIN MEALS OR CONCENTRATES	: 32,847	122,961	984,943
SUPPLEMENTS	: 41,616	57,887	431,565
MINERALS, SALTS & ADDITIVES	: 18,721	*14,817	95,674
FARM SERVICES 10/ 28/	: 767,789	1,199,308	3,720,009
CROP CUSTOM SERVICES	: 75,856	69,344	123,890
LIVESTOCK CUSTOM SERVICES	: 3,686	965	7,524
TRANSPORTATION	: 14,321	31,501	93,361
VET SUPPLIES, SVCS, TESTING & BREEDING	: 33,202	46,607	172,813
RENT	: 301,814	727,422	2,454,936
MARKETING & STORAGE	: 21,460	39,197	113,438
INSURANCE	: 114,583	105,697	297,373
LEASING 11/	: *5,303	*27,997	56,977
MISC. FARM BUSINESS EXPENSE 12/	: 52,576	50,311	136,085
UTILITIES	: 144,988	100,269	263,611
ELECTRICITY	: 111,990	79,098	223,944
AG CHEMICALS & SPRAYS 13/	: 103,172	231,400	757,489
FERTILIZER 14/	: 292,000	454,746	1,362,642
COMMERCIAL FERTILIZERS	: 276,971	432,667	1,285,539
LIME & SOIL CONDITIONERS	: *15,029	22,079	77,103
INTEREST	: 351,784	284,493	1,259,098
FARM REAL ESTATE	: 300,051	197,196	832,381
TAXES (REAL ESTATE & PROPERTY)	: 213,186	216,025	554,737
LABOR	: 61,371	135,935	707,958
CASH WAGES	: *44,909	*119,763	601,885
FUELS & LUBRICANTS	: 154,517	178,602	512,303
DIESEL	: 49,157	88,384	281,910
GASOLINE - BULK	: 54,196	48,264	103,102
GASOLINE - SERVICE STATION	: 26,686	15,086	18,666
FARM SUPPLIES	: 57,328	59,652	175,446
SUPPLIES USED IN PRODUCTION 16/	: 46,855	57,718	168,521
BUILDING & FENCING	: 86,826	84,042	224,359
NEW CONSTRUCTION & REMODELING	: 54,912	*54,331	140,181
FARM & LAND IMPROVEMENTS 26/	: 21,977	34,085	92,720
NEW CONSTRUCTION	: *14,260	*22,947	61,418
MAINTENANCE & REPAIRS	: 7,717	*11,138	*31,301
TOTAL FARM MACHINERY 17/ 18/ 19/ 20/	: 402,264	516,555	1,586,563
TRACTORS	: 70,586	69,610	259,360
OTHER MACHINERY & EQUIPMENT	: 112,570	179,223	513,104
SELF-PROPELLED MACHINERY	: *25,784	*51,355	*220,371
NON SELF-PROPELLED MACHINERY	: 86,786	127,868	292,733
SEEDS & PLANTS 21/ 22/	: 127,013	219,024	635,737
TRUCKS & AUTOS 23/	: 123,770	66,092	187,627
TRUCKS INCL BEDS, HYDR SYSTEMS, ETC.	: 97,395	*56,322	171,878

SEE FOOTNOTES, PAGE 59.

NORTHERN PLAINS 1/
EXPENDITURES BY VALUE OF SALES, 1988

EXPENDITURE - FARM SHARE	: LESS	: \$40,000	: \$100,000
	: THAN	: TO	: AND
	: \$40,000	: \$99,999	: OVER
	1,000 DOLLARS		
TOTAL EXPENDITURES 8/	1,324,926	2,961,041	10,694,641
LIVESTOCK & POULTRY	81,729	301,414	2,243,643
CATTLE PURCHASED	*58,678	257,749	2,111,312
HOGS & PIGS PURCHASED	*7,805	28,949	110,364
POULTRY PURCHASED	*6,731	*8,227	3,593
OTHER LIVESTOCK & POULTRY EXPENSES 9/	*2,811	*1,749	*12,814
FEED	108,849	250,366	1,227,357
GRAINS	*20,321	*68,926	*340,355
HAYS & FORAGES	*16,299	*50,478	*61,622
COMPLETE RATIONS OR FORMULA FEEDS	*34,940	*50,208	*248,867
PROTEIN MEALS OR CONCENTRATES	*22,175	*39,073	*409,093
SUPPLEMENTS	*5,541	*23,995	*101,497
MINERALS, SALTS & ADDITIVES	*9,573	17,686	*5,922
FARM SERVICES 10/ 28/	339,458	783,541	2,471,562
CROP CUSTOM SERVICES	30,821	73,205	175,020
LIVESTOCK CUSTOM SERVICES	8,652	35,269	223,494
TRANSPORTATION	3,850	13,805	52,989
VET SUPPLIES, SVCS, TESTING & BREEDING	10,032	25,631	104,344
RENT	149,784	403,866	1,341,684
MARKETING & STORAGE	5,963	20,689	51,185
INSURANCE	46,462	80,121	193,458
LEASING 11/	*5,619	*7,537	45,408
MISC. FARM BUSINESS EXPENSE 12/	24,225	40,661	102,799
UTILITIES	54,051	82,756	181,182
ELECTRICITY	37,678	61,770	142,882
AG CHEMICALS & SPRAYS 13/	26,165	83,036	248,822
FERTILIZER 14/	69,280	166,249	494,863
COMMERCIAL FERTILIZERS	66,380	164,823	484,073
LIME & SOIL CONDITIONERS	*2,900	*1,426	*10,790
INTEREST	119,054	268,124	721,040
FARM REAL ESTATE	82,788	162,296	404,519
TAXES (REAL ESTATE & PROPERTY)	118,368	157,645	340,498
LABOR	13,342	56,635	403,659
CASH WAGES	8,712	*50,619	360,833
FUELS & LUBRICANTS	88,860	181,182	472,555
DIESEL	40,664	96,910	243,411
GASOLINE - BULK	30,489	48,574	104,779
GASOLINE - SERVICE STATION	*10,032	*10,737	22,586
FARM SUPPLIES	25,660	48,723	92,252
SUPPLIES USED IN PRODUCTION 16/	25,427	47,816	92,186
BUILDING & FENCING	22,822	37,206	102,407
NEW CONSTRUCTION & REMODELING	*12,966	*21,077	*60,046
FARM & LAND IMPROVEMENTS 26/	*17,274	25,104	64,273
NEW CONSTRUCTION	*13,207	*19,553	45,478
MAINTENANCE & REPAIRS	*4,067	*5,551	18,795
TOTAL FARM MACHINERY 17/ 18/ 19/ 20/	168,820	404,615	1,074,761
TRACTORS	*39,877	*99,088	199,428
OTHER MACHINERY & EQUIPMENT	29,757	109,934	350,739
SELF-PROPELLED MACHINERY	*7,173	*30,141	*73,121
NON SELF-PROPELLED MACHINERY	*22,584	79,793	*277,618
SEEDS & PLANTS 21/ 22/	43,314	114,387	296,499
TRUCKS & AUTOS 23/	73,313	56,412	157,494
TRUCKS INCL BEDS, HYDR SYSTEMS, ETC.	*57,626	*50,405	131,310

SEE FOOTNOTES, PAGE 59.

APPALACHIAN 1/
EXPENDITURES BY VALUE OF SALES, 1988

EXPENDITURE - FARM SHARE	LESS THAN \$40,000	\$40,000 TO \$99,999	\$100,000 AND OVER
1,000 DOLLARS			
TOTAL EXPENDITURES 8/	2,430,609	1,055,706	5,445,774
LIVESTOCK & POULTRY	201,632	*46,395	605,313
CATTLE PURCHASED	166,872	*31,121	*191,401
HOGS & PIGS PURCHASED	*8,322	*3,946	*170,669
POULTRY PURCHASED	*673	*7,085	*173,313
OTHER LIVESTOCK & POULTRY EXPENSES 9/	*23,613	*4,237	*69,732
FEED	197,357	145,283	1,312,158
GRAINS	64,244	*16,552	108,777
HAYS & FORAGES	46,124	*10,392	*26,320
COMPLETE RATIONS OR FORMULA FEEDS	41,015	*87,240	*983,392
PROTEIN MEALS OR CONCENTRATES	11,533	*10,662	103,108
SUPPLEMENTS	17,196	*14,412	62,637
MINERALS, SALTS & ADDITIVES	17,245	*6,025	27,924
FARM SERVICES 10/ 28/	562,013	237,997	901,901
CROP CUSTOM SERVICES	53,055	7,962	*41,893
LIVESTOCK CUSTOM SERVICES	10,422	485	4,189
TRANSPORTATION	9,974	*12,205	68,886
VET SUPPLIES, SVCS, TESTING & BREEDING	31,804	*18,135	51,688
RENT	118,343	84,521	313,276
MARKETING & STORAGE	42,905	38,704	142,069
INSURANCE	103,481	28,362	95,787
LEASING 11/	*865	*4,615	*17,080
MISC. FARM BUSINESS EXPENSE 12/	46,854	10,358	*74,290
UTILITIES	144,313	32,650	92,741
ELECTRICITY	120,508	25,834	79,797
AG CHEMICALS & SPRAYS 13/	33,101	32,700	201,020
FERTILIZER 14/	162,300	95,263	342,850
COMMERCIAL FERTILIZERS	147,164	89,183	314,362
LIME & SOIL CONDITIONERS	15,136	*6,080	28,489
INTEREST	182,529	65,662	323,755
FARM REAL ESTATE	165,107	*47,032	*237,914
TAXES (REAL ESTATE & PROPERTY)	113,447	20,177	65,606
LABOR	102,891	104,983	589,446
CASH WAGES	86,953	*77,267	457,819
FUELS & LUBRICANTS	125,831	52,426	187,362
DIESEL	36,061	18,672	80,809
GASOLINE - BULK	11,345	*6,356	28,079
GASOLINE - SERVICE STATION	44,523	*8,794	13,020
FARM SUPPLIES	56,746	27,032	102,873
SUPPLIES USED IN PRODUCTION 16/	54,202	24,110	78,247
BUILDING & FENCING	112,556	*19,960	*119,650
NEW CONSTRUCTION & REMODELING	75,686	*9,195	*88,333
FARM & LAND IMPROVEMENTS 26/	29,617	*8,662	21,577
NEW CONSTRUCTION	*19,555	*5,873	*16,699
MAINTENANCE & REPAIRS	*10,062	*2,789	4,878
TOTAL FARM MACHINERY 17/ 18/ 19/ 20/	363,210	118,977	421,396
TRACTORS	86,558	*21,736	83,842
OTHER MACHINERY & EQUIPMENT	125,113	*30,897	103,373
SELF-PROPELLED MACHINERY	*10,915	*2,850	*23,732
NON SELF-PROPELLED MACHINERY	114,198	*28,047	79,641
SEEDS & PLANTS 21/ 22/	48,990	31,159	143,863
TRUCKS & AUTOS 23/	131,918	*22,450	86,231
TRUCKS INCL BEDS, HYDR SYSTEMS, ETC.	125,792	*19,294	*83,280

SEE FOOTNOTES, PAGE 59.

SOUTHEAST 1/
EXPENDITURES BY VALUE OF SALES, 1988

EXPENDITURE - FARM SHARE	LESS THAN \$40,000	\$40,000 TO \$99,999	\$100,000 AND OVER
	1,000 DOLLARS		
TOTAL EXPENDITURES 8/	1,741,771	*1,444,342	4,570,155
LIVESTOCK & POULTRY	*187,998	*146,891	*342,322
CATTLE PURCHASED	*90,336	*35,894	*297,348
HOGS & PIGS PURCHASED	*14,671	*2,917	11,832
POULTRY PURCHASED	*57,995	*107,780	*24,752
OTHER LIVESTOCK & POULTRY EXPENSES 9/	*24,855	*300	*8,389
FEED	*350,521	*482,638	618,209
GRAINS	*30,653	*41,269	*99,525
HAYS & FORAGES	28,596	*6,664	*41,002
COMPLETE RATIONS OR FORMULA FEEDS	*250,540	*333,492	288,486
PROTEIN MEALS OR CONCENTRATES	*8,247	*9,277	*70,398
SUPPLEMENTS	*21,247	*89,109	*59,425
MINERALS, SALTS & ADDITIVES	11,239	*2,828	*59,372
FARM SERVICES 10/ 28/	291,232	223,662	740,522
CROP CUSTOM SERVICES	20,244	*16,202	*50,813
LIVESTOCK CUSTOM SERVICES	976	1,537	539
TRANSPORTATION	*16,144	*39,621	80,886
VET SUPPLIES, SVCS, TESTING & BREEDING	20,104	*11,930	24,600
RENT	*28,714	24,632	190,493
MARKETING & STORAGE	*17,089	*33,248	*120,265
INSURANCE	52,004	24,692	86,544
LEASING 11/	*183	*1,025	10,129
MISC. FARM BUSINESS EXPENSE 12/	*31,882	*26,561	75,745
UTILITIES	103,892	*44,215	100,508
ELECTRICITY	91,932	*40,446	84,323
AG CHEMICALS & SPRAYS 13/	26,085	31,944	283,332
FERTILIZER 14/	117,467	86,484	322,942
COMMERCIAL FERTILIZERS	101,599	74,946	294,069
LIME & SOIL CONDITIONERS	15,868	*11,538	28,873
INTEREST	99,123	*108,653	188,126
FARM REAL ESTATE	88,681	*83,420	119,521
TAXES (REAL ESTATE & PROPERTY)	68,232	*34,083	76,576
LABOR	96,431	*77,118	1,047,835
CASH WAGES	*82,397	*56,637	840,568
FUELS & LUBRICANTS	80,844	55,415	154,429
DIESEL	*31,990	*23,638	76,997
GASOLINE - BULK	4,575	*5,846	25,082
GASOLINE - SERVICE STATION	19,751	*5,966	14,235
FARM SUPPLIES	26,743	13,591	148,458
SUPPLIES USED IN PRODUCTION 16/	19,916	11,183	65,748
BUILDING & FENCING	87,057	*19,780	*51,936
NEW CONSTRUCTION & REMODELING	*58,034	*6,721	*31,293
FARM & LAND IMPROVEMENTS 26/	*10,389	*20,461	*37,017
NEW CONSTRUCTION	*8,263	*19,548	*21,222
MAINTENANCE & REPAIRS	*2,126	*912	*15,796
TOTAL FARM MACHINERY 17/ 18/ 19/ 20/	200,105	74,116	278,700
TRACTORS	*67,189	*8,540	44,898
OTHER MACHINERY & EQUIPMENT	42,175	*13,452	49,835
SELF-PROPELLED MACHINERY	*1,191	*4,005	*21,958
NON SELF-PROPELLED MACHINERY	*40,983	*9,447	27,878
SEEDS & PLANTS 21/ 22/	41,746	34,006	191,675
TRUCKS & AUTOS 23/	53,352	*22,003	45,818
TRUCKS INCL BEDS, HYDR SYSTEMS, ETC.	*51,524	*20,443	36,636

SEE FOOTNOTES, PAGE 59.

DELTA STATES 1/
EXPENDITURES BY VALUE OF SALES, 1988

EXPENDITURE - FARM SHARE	: : LESS : THAN : \$40,000	: : \$40,000 : TO : \$99,999	: : \$100,000 : AND : OVER
		1,000 DOLLARS	
TOTAL EXPENDITURES 8/	: 1,099,394	*1,434,551	3,349,523
LIVESTOCK & POULTRY	: *126,639	*145,084	*280,981
CATTLE PURCHASED	: *106,567	*15,469	*188,566
HOGS & PIGS PURCHASED	: *5,697	*47,600	*50,371
POULTRY PURCHASED	: *12,085	*81,679	*30,750
OTHER LIVESTOCK & POULTRY EXPENSES 9/	: *2,240	*172	*11,292
FEED	: *245,087	*741,047	*261,378
GRAINS	: *13,578	*1,507	*33,096
HAYS & FORAGES	: *23,253	*4,122	*29,382
COMPLETE RATIONS OR FORMULA FEEDS	: *180,932	*714,515	*116,525
PROTEIN MEALS OR CONCENTRATES	: 13,726	*5,046	*61,942
SUPPLEMENTS	: *7,859	*12,375	*3,404
MINERALS, SALTS & ADDITIVES	: 5,738	*3,483	*17,028
FARM SERVICES 10/ 28/	: 177,737	144,327	844,554
CROP CUSTOM SERVICES	: 17,265	19,890	107,491
LIVESTOCK CUSTOM SERVICES	: 1,762	914	514
TRANSPORTATION	: *8,201	*26,562	*21,876
VET SUPPLIES, SVCS, TESTING & BREEDING	: 12,266	*5,145	*10,256
RENT	: 38,019	42,538	401,279
MARKETING & STORAGE	: 16,295	9,786	84,034
INSURANCE	: 29,819	12,329	79,746
LEASING 11/	: *1,848	*663	38,223
MISC. FARM BUSINESS EXPENSE 12/	: 13,262	5,675	35,868
UTILITIES	: 39,001	*20,825	65,269
ELECTRICITY	: 34,742	*17,236	*58,023
AG CHEMICALS & SPRAYS 13/	: 18,282	23,028	320,973
FERTILIZER 14/	: 72,973	29,014	236,433
COMMERCIAL FERTILIZERS	: 63,807	28,793	220,518
LIME & SOIL CONDITIONERS	: *9,166	*221	*15,915
INTEREST	: 83,156	*62,802	163,658
FARM REAL ESTATE	: 64,894	*54,851	83,832
TAXES (REAL ESTATE & PROPERTY)	: 31,206	10,175	47,464
LABOR	: *36,888	*39,111	335,760
CASH WAGES	: *26,831	*28,740	271,145
FUELS & LUBRICANTS	: 51,753	29,825	174,167
DIESEL	: 16,894	17,342	130,078
GASOLINE - BULK	: *2,667	*886	*14,388
GASOLINE - SERVICE STATION	: 15,967	*3,032	*7,663
FARM SUPPLIES	: 12,782	8,774	28,373
SUPPLIES USED IN PRODUCTION 16/	: 11,497	6,066	27,767
BUILDING & FENCING	: 37,563	*106,434	15,030
NEW CONSTRUCTION & REMODELING	: 21,590	*104,528	*8,459
FARM & LAND IMPROVEMENTS 26/	: *9,884	*4,598	29,552
NEW CONSTRUCTION	: *7,894	*4,183	24,582
MAINTENANCE & REPAIRS	: *1,990	*415	4,970
TOTAL FARM MACHINERY 17/ 18/ 19/ 20/	: 141,130	46,349	438,437
TRACTORS	: *39,148	*5,555	84,893
OTHER MACHINERY & EQUIPMENT	: 30,818	*9,698	121,796
SELF-PROPELLED MACHINERY	: *816	*2,692	*46,462
NON SELF-PROPELLED MACHINERY	: *30,002	*7,005	*75,333
SEEDS & PLANTS 21/ 22/	: 19,903	*33,481	109,323
TRUCKS & AUTOS 23/	: *34,357	*4,652	49,852
TRUCKS INCL BEDS, HYDR SYSTEMS, ETC.	: *32,441	*4,652	*49,429

SEE FOOTNOTES, PAGE 59.

SOUTHERN PLAINS 1/
EXPENDITURES BY VALUE OF SALES, 1988

EXPENDITURE - FARM SHARE	: LESS	: \$40,000	: \$100,000
	: THAN	: TO	: AND
	: \$40,000	: \$99,999	: OVER
	1,000 DOLLARS		
TOTAL EXPENDITURES 8/	: 2,944,784	1,799,481	7,949,562
LIVESTOCK & POULTRY	: *393,978	*200,159	2,025,650
CATTLE PURCHASED	: *366,530	*193,113	1,966,208
HOGS & PIGS PURCHASED	: *6,826	*669	*1,814
POULTRY PURCHASED	: *450	*1	*6,017
OTHER LIVESTOCK & POULTRY EXPENSES 9/	: *16,013	*582	*7,786
FEED	: 311,220	127,179	1,273,087
GRAINS	: *22,840	*13,532	*584,621
HAYS & FORAGES	: *88,760	*12,105	*182,470
COMPLETE RATIONS OR FORMULA FEEDS	: *95,633	*62,913	282,097
PROTEIN MEALS OR CONCENTRATES	: *77,550	*23,007	113,200
SUPPLEMENTS	: *7,473	*5,675	*56,404
MINERALS, SALTS & ADDITIVES	: 18,963	*9,947	*54,294
FARM SERVICES 10/ 28/	: 548,665	413,572	1,511,780
CROP CUSTOM SERVICES	: 51,854	37,704	122,272
LIVESTOCK CUSTOM SERVICES	: 5,940	1,450	61,680
TRANSPORTATION	: *14,969	*8,245	69,182
VET SUPPLIES, SVCS, TESTING & BREEDING	: 32,371	*12,500	71,867
RENT	: 132,087	197,218	542,816
MARKETING & STORAGE	: 29,267	35,797	193,708
INSURANCE	: 92,814	37,029	112,042
LEASING 11/	: *970	*6,852	*54,476
MISC. FARM BUSINESS EXPENSE 12/	: 50,313	21,601	142,439
UTILITIES	: 138,080	*55,176	141,299
ELECTRICITY	: 107,178	40,154	115,374
AG CHEMICALS & SPRAYS 13/	: 22,291	*46,485	156,840
FERTILIZER 14/	: 124,035	*164,975	304,813
COMMERCIAL FERTILIZERS	: 116,434	162,818	300,463
LIME & SOIL CONDITIONERS	: *7,601	2,157*	*4,350
INTEREST	: 272,404	124,416	409,747
FARM REAL ESTATE	: 190,716	*58,509	200,646
TAXES (REAL ESTATE & PROPERTY)	: 149,081	51,249	111,031
LABOR	: 96,155	*150,155	709,756
CASH WAGES	: *47,028	118,676	573,000
FUELS & LUBRICANTS	: 156,647	100,771	286,798
DIESEL	: 58,540	51,557	137,100
GASOLINE - BULK	: 16,204	8,587	38,231
GASOLINE - SERVICE STATION	: 57,871	*23,834	25,091
FARM SUPPLIES	: 46,757	28,699	111,215
SUPPLIES USED IN PRODUCTION 16/	: 40,216	28,546	107,302
BUILDING & FENCING	: 134,431	*28,555	75,634
NEW CONSTRUCTION & REMODELING	: 99,888	*21,871	49,644
FARM & LAND IMPROVEMENTS 26/	: *28,781	*9,725	60,105
NEW CONSTRUCTION	: *15,345	*4,601	*41,372
MAINTENANCE & REPAIRS	: *13,436	*5,124	18,733
TOTAL FARM MACHINERY 17/ 18/ 19/ 20/	: *472,529	*229,198	506,175
TRACTORS	: *230,361	*87,746	88,222
OTHER MACHINERY & EQUIPMENT	: *64,518	41,496	132,707
SELF-PROPELLED MACHINERY	: *1,949	*9,575	*69,290
NON SELF-PROPELLED MACHINERY	: *62,568	31,921	63,417
SEEDS & PLANTS 21/ 22/	: 44,324	42,523	*285,748
TRUCKS & AUTOS 23/	: 137,773	*77,356	105,735
TRUCKS INCL BEDS, HYDR SYSTEMS, ETC.	: *115,881	*72,130	97,062

SEE FOOTNOTES, PAGE 59.

MOUNTAIN 1/
EXPENDITURES BY VALUE OF SALES, 1988

EXPENDITURE - FARM SHARE	LESS THAN \$40,000	\$40,000 TO \$99,999	\$100,000 AND OVER
	1,000 DOLLARS		
TOTAL EXPENDITURES 8/	*1,348,374	944,392	7,566,137
LIVESTOCK & POULTRY	*380,605	79,018	992,203
CATTLE PURCHASED	*361,881	*71,214	941,827
HOGS & PIGS PURCHASED	*1,127	*710	*12,641
POULTRY PURCHASED	*146	*18	*344
OTHER LIVESTOCK & POULTRY EXPENSES 9/	*9,980	*5,088	*18,336
FEED	*141,799	*78,133	*1,595,393
GRAINS	*109,213	*13,458	*397,929
HAYS & FORAGES	*19,480	*51,518	304,426
COMPLETE RATIONS OR FORMULA FEEDS	*4,838	*969	*386,125
PROTEIN MEALS OR CONCENTRATES	*4,269	*6,961	*255,317
SUPPLEMENTS	*656	*1,510	*121,556
MINERALS, SALTS & ADDITIVES	*3,343	*3,717	*130,041
FARM SERVICES 10/ 28/	261,173	261,902	1,635,770
CROP CUSTOM SERVICES	22,871	*25,582	90,886
LIVESTOCK CUSTOM SERVICES	7,705	19,935	64,440
TRANSPORTATION	*5,435	6,373	81,171
VET SUPPLIES, SVCS, TESTING & BREEDING	15,750	12,555	84,506
RENT	*59,105	92,023	460,157
MARKETING & STORAGE	*7,483	5,888	71,287
INSURANCE	40,380	26,870	*364,088
LEASING 11/	*1,476	*1,363	31,796
MISC. FARM BUSINESS EXPENSE 12/	53,356	36,201	163,596
UTILITIES	47,611	35,112	223,843
ELECTRICITY	38,910	26,635	205,131
AG CHEMICALS & SPRAYS 13/	9,586	15,200	152,863
FERTILIZER 14/	19,686	40,127	282,550
COMMERCIAL FERTILIZERS	*19,208	*39,890	278,455
LIME & SOIL CONDITIONERS	*477	*238	*4,095
INTEREST	*138,303	91,222	555,787
FARM REAL ESTATE	*108,632	65,590	345,742
TAXES (REAL ESTATE & PROPERTY)	66,395	34,204	152,360
LABOR	*56,395	66,511	750,706
CASH WAGES	*42,920	*49,416	609,826
FUELS & LUBRICANTS	60,608	56,550	224,215
DIESEL	17,661	21,260	114,751
GASOLINE - BULK	19,153	22,167	68,439
GASOLINE - SERVICE STATION	13,801	*4,918	*9,876
FARM SUPPLIES	24,245	21,195	123,042
SUPPLIES USED IN PRODUCTION 16/	22,133	21,143	101,366
BUILDING & FENCING	*23,770	*18,076	*110,184
NEW CONSTRUCTION & REMODELING	*16,853	*12,197	*77,627
FARM & LAND IMPROVEMENTS 26/	*14,263	*15,093	*95,036
NEW CONSTRUCTION	*8,804	*8,643	*52,250
MAINTENANCE & REPAIRS	*5,459	*6,450	*42,786
TOTAL FARM MACHINERY 17/ 18/ 19/ 20/	88,985	112,285	554,872
TRACTORS	*11,400	*18,754	77,501
OTHER MACHINERY & EQUIPMENT	*15,677	*32,127	146,495
SELF-PROPELLED MACHINERY	*12,726	*19,527	*57,798
NON SELF-PROPELLED MACHINERY	*2,951	*12,600	88,696
SEEDS & PLANTS 21/ 22/	12,646	24,320	152,596
TRUCKS & AUTOS 23/	*48,704	27,653	98,521
TRUCKS INCL BEDS, HYDR SYSTEMS, ETC.	*42,925	*21,834	87,674

SEE FOOTNOTES, PAGE 59.

PACIFIC 1/
EXPENDITURES BY VALUE OF SALES, 1988

EXPENDITURE - FARM SHARE	:	LESS	:	\$40,000	:	\$100,000
	:	THAN	:	TO	:	AND
	:	\$40,000	:	\$99,999	:	OVER
	:	1,000 DOLLARS				
TOTAL EXPENDITURES 8/	:	1,475,048	:	870,014	:	10,088,627
LIVESTOCK & POULTRY	:	97,225	:	*19,933	:	*478,434
CATTLE PURCHASED	:	*70,385	:	*15,186	:	*381,794
HOGS & PIGS PURCHASED	:	*1,470	:	*6	:	*1,623
POULTRY PURCHASED	:	*147	:	*5	:	*16,315
OTHER LIVESTOCK & POULTRY EXPENSES 9/	:	*23,206	:	*4,351	:	*9,115
FEED	:	87,654	:	29,676	:	1,407,374
GRAINS	:	*9,048	:	*6,021	:	*259,901
HAYS & FORAGES	:	43,945	:	*13,121	:	382,066
COMPLETE RATIONS OR FORMULA FEEDS	:	*25,578	:	*5,124	:	*621,527
PROTEIN MEALS OR CONCENTRATES	:	*950	:	*2,100	:	*61,941
SUPPLEMENTS	:	*2,380	:	*1,823	:	*35,986
MINERALS, SALTS & ADDITIVES	:	*5,753	:	*1,487	:	*45,954
FARM SERVICES 10/ 28/	:	343,493	:	237,624	:	2,371,948
CROP CUSTOM SERVICES	:	35,561	:	32,774	:	207,362
LIVESTOCK CUSTOM SERVICES	:	4,586	:	2,890	:	71,011
TRANSPORTATION	:	*5,904	:	*8,658	:	136,803
VET SUPPLIES, SVCS, TESTING & BREEDING	:	15,122	:	*5,823	:	55,498
RENT	:	42,171	:	59,984	:	753,516
MARKETING & STORAGE	:	*20,174	:	27,371	:	261,792
INSURANCE	:	57,966	:	29,569	:	169,910
LEASING 11/	:	*5,181	:	*3,426	:	51,932
MISC. FARM BUSINESS EXPENSE 12/	:	64,416	:	29,553	:	343,720
UTILITIES	:	92,411	:	37,576	:	286,709
ELECTRICITY	:	77,807	:	31,532	:	259,760
AG CHEMICALS & SPRAYS 13/	:	28,203	:	34,526	:	360,553
FERTILIZER 14/	:	33,062	:	37,388	:	465,984
COMMERCIAL FERTILIZERS	:	28,508	:	36,421	:	434,266
LIME & SOIL CONDITIONERS	:	*4,554	:	*967	:	31,717
INTEREST	:	226,187	:	111,629	:	558,134
FARM REAL ESTATE	:	206,584	:	93,227	:	368,372
TAXES (REAL ESTATE & PROPERTY)	:	135,288	:	40,693	:	165,749
LABOR	:	126,993	:	158,268	:	2,360,479
CASH WAGES	:	82,563	:	*117,713	:	1,694,889
FUELS & LUBRICANTS	:	45,958	:	32,629	:	247,913
DIESEL	:	13,496	:	10,948	:	114,184
GASOLINE - BULK	:	9,623	:	*14,953	:	70,590
GASOLINE - SERVICE STATION	:	16,900	:	2,929	:	*17,998
FARM SUPPLIES	:	30,655	:	36,861	:	359,780
SUPPLIES USED IN PRODUCTION 16/	:	28,051	:	20,392	:	152,157
BUILDING & FENCING	:	47,641	:	*9,587	:	145,864
NEW CONSTRUCTION & REMODELING	:	*32,907	:	*4,087	:	*110,201
FARM & LAND IMPROVEMENTS 26/	:	38,510	:	*7,085	:	92,972
NEW CONSTRUCTION	:	*32,155	:	*4,120	:	*50,831
MAINTENANCE & REPAIRS	:	6,355	:	*2,965	:	*42,141
TOTAL FARM MACHINERY 17/ 18/ 19/ 20/	:	168,118	:	75,717	:	629,443
TRACTORS	:	*37,073	:	*8,084	:	69,789
OTHER MACHINERY & EQUIPMENT	:	*44,306	:	*16,289	:	*139,392
SELF-PROPELLED MACHINERY	:	*31,969	:	*3,078	:	*94,550
NON SELF-PROPELLED MACHINERY	:	*12,336	:	*13,211	:	44,842
SEEDS & PLANTS 21/ 22/	:	26,565	:	*28,888	:	284,980
TRUCKS & AUTOS 23/	:	37,265	:	*8,668	:	105,680
TRUCKS INCL BEDS, HYDR SYSTEMS, ETC.	:	*31,311	:	*7,753	:	92,517

SEE FOOTNOTES, PAGE 59.

FUEL PURCHASED GALLONS FOR USE ON FARM, BY REGION AND
UNITED STATES, 1987 AND 1988 24/

REGION 1/	:	DIESEL FUEL		GASOLINE DELIVERED BULK		GASOLINE PURCHASED AT STATION	
		1987	1988	1987	1988	1987	1988
	:	1,000 GALLONS					
NORTHEAST	:	140,151	146,035	74,976	70,788	30,548	20,236
LAKE STATES	:	286,802	300,068	153,693	146,178	25,993	27,825
CORN BELT	:	622,852	568,174	277,088	237,065	66,296	70,979
NORTHERN PLAINS	:	513,486	510,477	205,426	202,847	43,392	45,573
APPALACHIAN	:	188,923	161,118	52,633	48,895	51,042	68,374
SOUTHEAST	:	171,010	182,196	25,656	44,108	39,051	47,111
DELTA STATES	:	290,363	171,073	29,237	15,585	34,034	31,235
SOUTHERN PLAINS	:	268,973	341,550	57,365	74,998	97,082	119,297
MOUNTAIN	:	235,594	221,808	120,449	130,927	32,654	31,872
PACIFIC	:	200,134	183,416	87,711	101,585	31,999	38,314
UNITED STATES 7/	:	2,918,287	2,785,916	1,084,234	1,072,976	452,092	500,816

SEE FOOTNOTES, PAGE 59.

FOOTNOTES

- PERCENT OF FARMS REPORTING LESS THAN ONE - TENTH PERCENT OR AVERAGE PER FARM LESS THAN ONE DOLLAR.

- N/A NOT AVAILABLE.

- * ALL EXPENDITURES ARE SUBJECT TO VARIATION BECAUSE THE DATA ARE COLLECTED THROUGH A SAMPLE SURVEY. THE INFREQUENCY OF PURCHASING AND THE WIDE RANGE IN MAGNITUDE OF EXPENDITURES FOR THIS ITEM HAVE RESULTED IN A COEFFICIENT OF VARIATION GREATER THAN 25 PERCENT.

- 1/ NORTHEAST: CT, DE, ME, MD, MA, NH, NJ, NY, PA, RI, VT;
 LAKE STATES: MI, MN, WI;
 CORN BELT: IL, IN, IA, MO, OH;
 NORTHERN PLAINS: KS, NE, ND, SD;
 APPALACHIAN: KY, NC, TN, VA, WV;
 SOUTHEAST: AL, FL, GA, SC;
 DELTA: AR, LA, MS;
 SOUTHERN PLAINS: OK, TX;
 MOUNTAIN: AZ, CO, ID, MT, NV, NM, UT, WY;
 PACIFIC: CA, OR, WA.

- 2/ EXCLUDES ALASKA & HAWAII.

- 3/ SURVEY EXPANDED NUMBER OF FARMS REPORTING ITEM DIVIDED BY SURVEY EXPANDED NUMBER OF FARMS.

- 4/ TOTAL EXPENDITURES DIVIDED BY OFFICIAL NUMBER OF FARMS PUBLISHED BY NASS.

- 5/ COEFFICIENT OF VARIATION PROVIDE A MEANS OF EVALUATING SURVEY RESULTS. THE SMALLER THE C.V. THE GREATER THE RELIABILITY OF THE ESTIMATE. IF THE C.V. OF AN ITEM WAS 5 PERCENT, CHANCES ARE 2 OUT OF 3 THAT THE POPULATION VALUE WOULD BE BETWEEN 95 AND 105 PERCENT OF THE SURVEY VALUE AND 19 OUT OF 20 THAT IT WOULD BE BETWEEN 90 AND 110 PERCENT.

- 6/ EXPANDED NUMBER OF FARMS REPORTING OR TOTAL EXPENDITURE DIVIDED BY EXPANDED NUMBER OF SAMPLE FARMS WITHIN EACH ECONOMIC CLASS.

- 7/ TOTALS MAY NOT ADD DUE TO ROUNDING. SOME DETAILED REGIONAL BREAKDOWNS WILL NOT ADD TO THE U.S. TOTAL BECAUSE OF ALLOCATION PROCEDURES USED TO DISTRIBUTE MAJOR EXPENDITURES.

- 8/ INCLUDES LANDLORD EXPENDITURES.

- 9/ EXCLUDES VETERINARY SUPPLIES; BEDDING, LITTER, STRAW & ETC.; PURCHASE OF CAPITAL EQUIPMENT FOR LIVESTOCK & POULTRY; REPAIR & MAINTENANCE OF LIVESTOCK & POULTRY EQUIPMENT; OTHER NON-CAPITALIZED EQUIPMENT FOR LIVESTOCK & POULTRY; AND CUSTOM FEEDING OF LIVESTOCK ON A PER HEAD OR GAIN BASIS AND GRAZING FEES FOR LIVESTOCK. INCLUDES PURCHASES AND LEASING EXPENSES FOR ALL OTHER LIVESTOCK AND LIVESTOCK PRODUCTS (EGGS, WOOL, MILK & LEASING OF LIVESTOCK).

FOOTNOTES (CONTINUED)

- 10/ INCLUDES CUSTOM FEEDING OF LIVESTOCK ON A PER HEAD OR GAIN BASIS AND GRAZING FEES FOR LIVESTOCK. RENTAL EXPENSES FOR PASTURE ON PUBLIC LANDS WERE EXCLUDED IN 1987 PUBLISHED DATA.
- 11/ INCLUDES: TRACTORS, OTHER FARM MACHINERY, SELF-PROPELLED MACHINERY, FERTILIZER & IRRIGATION EQUIPMENT, TRUCKS, AUTOS & OTHER MOTOR VEHICLES (LEASED OR RENTED), FARM SERVICE AND STORAGE STRUCTURES.
- 12/ EXCLUDES TELEPHONE AND WATER, BUT INCLUDES IRRIGATION WATER COST.
- 13/ EXCLUDES SEED TREATMENT.
- 14/ INCLUDES MATERIALS AND APPLICATIONS.
- 15/ NOT INCLUDED IN TOTAL.
- 16/ INCLUDES BEDDING, LITTER, STRAW & ETC.; OTHER NON-CAPITALIZED EQUIPMENT FOR LIVESTOCK & POULTRY. EXCLUDES POWER FARM SHOP EQUIPMENT AND MOTOR SUPPLIES.
- 17/ INCLUDES REPAIR & MAINTENANCE OF LIVESTOCK & POULTRY EQUIPMENT AND MOTOR SUPPLIES.
- 18/ INCLUDES OTHER MOTOR VEHICLES PURCHASED.
- 19/ INCLUDES PURCHASE OF CAPITAL EQUIPMENT FOR LIVESTOCK & POULTRY.
- 20/ INCLUDES POWER FARM SHOP EQUIPMENT.
- 21/ EXCLUDES BEDDING PLANTS, NURSERY STOCKS AND SEED PURCHASED FOR RESALE.
- 22/ INCLUDES SEED TREATMENT.
- 23/ EXCLUDES OTHER MOTOR VEHICLES PURCHASED.
- 24/ EXCLUDES FUELS USED FOR HOUSEHOLD & PERSONAL BUSINESS.
- 25/ EXCLUDES OPERATOR DWELLINGS.
- 26/ INCLUDES DRAINAGE AND SOIL CONSERVATION.
- 27/ INCLUDES NON-ITEMIZED EXPENSES SUCH AS PURCHASE OF PAYMENT IN KIND (PIK) CERTIFICATES AND OTHER MISCELLANEOUS OPERATION EXPENSES.
- 28/ INCLUDES VETERINARY SUPPLIES.