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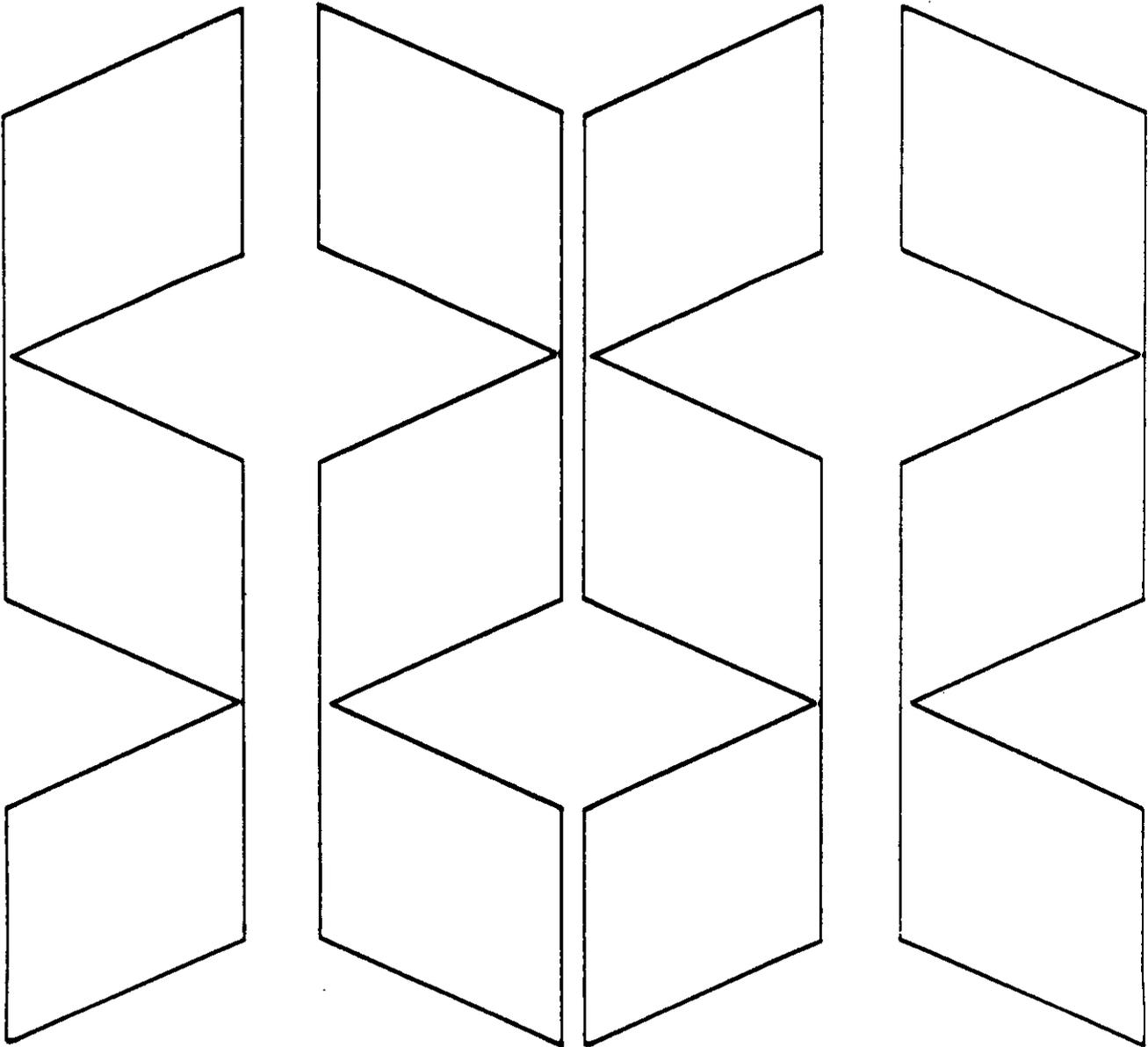
Washington, D.C.



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Farm Production Expenditures

1990 Summary



Production Expenditures Up 6.0 Percent

U.S. farm production expenditures totaled \$131.6 billion in 1990, up 6.0 percent from \$124.1 billion in 1989. Expenditures were higher for all major categories except feed and fertilizer which decreased 0.6 percent and 1.0 percent, respectively. Farm services including rent, the largest 1990 expenditure by farmers at \$28.0 billion, accounted for 21 percent of the Nation's production expenses. This level was 4.7 percent above 1989. Feed expenses totaled \$18.1 billion and accounted for 14 percent of the U.S. total. Average expenditures per farm were \$61,532, an increase of \$4,271 from last year.

Large farm (sales of \$100,000 or greater) expenditures averaged \$315,260 and accounted for 71 percent of the U.S. total. Purchases of farm services, feed, livestock & poultry, and labor were major expenses (60 percent of the total) for operations with sales of at least \$100,000.

Medium-sized farm (sales of \$40,000-\$99,999) expenses averaged \$77,831 for 1990 and contributed 14 percent of the U.S. total. Leading expenditures were farm services, feed, and farm machinery.

Small farm (sales less than \$40,000) expenditures averaged \$15,814 and accounted for 15 percent of the Nation's production expenses. The three leading expenditure categories for small farms were farm services, feed, and farm machinery.

Major Farm Production Expenditures

Expenditure - Farm Share	1989		1990	
	1,000 Dollars	Percent	1,000 Dollars	Percent
Total Farm Production Expenditures <u>7/ 8/</u>	124,123,721	100.0	131,553,710	100.0
Livestock, Poultry & Related Expenses <u>9/</u>	14,019,495	11.3	15,000,324	11.4
Feed	18,225,017	14.7	18,119,397	13.8
Farm Services excluding Rent <u>10/ 11/ 28/</u>	15,386,684	12.4	16,066,619	12.2
Rent	11,352,601	9.1	11,921,802	9.1
Agricultural Chemicals <u>13/</u>	4,548,318	3.7	4,769,064	3.6
Fertilizer, Lime & Soil Conditioners <u>14/</u>	7,190,920	5.8	7,119,073	5.4
Interest	8,408,597	6.8	9,345,014	7.1
Taxes (Real Estate & Property)	4,183,392	3.4	4,690,150	3.6
Labor	11,340,182	9.1	13,353,594	10.2
Fuels & Lubricants	4,449,270	3.6	5,169,105	3.9
Farm Supplies <u>16/</u>	2,351,251	1.9	3,002,210	2.3
Building & Fencing	2,297,420	1.9	2,657,176	2.0
Farm & Land Improvements	883,450	0.7	1,110,028	0.8
Farm Machinery <u>17/ 18/ 19/ 20/</u>	12,869,156	10.4	12,940,710	9.9
Seeds & Plants <u>21/ 22/</u>	3,855,168	3.1	3,933,047	3.0
Trucks & Autos <u>23/</u>	2,129,107	1.7	2,190,257	1.7

See footnotes, page 56.

Production Expenditures: Expenditures and Related
Coefficients of Variation, United States 2/, 1990

Expenditure -- Farm Share	Farms Reporting 3/ Percent	Total Expenditure: 7/ 1,000 Dollars	C.V. 5/ Percent
Total Farm Production Expenditures 7/ 8/	100.0	131,553,710	2.9
Livestock, Poultry & Other Related Expenses 9/	39.9	15,000,324	7.3
Cattle Purchased	28.8	12,503,379	8.7
Hogs & Pigs Purchased	8.1	1,113,710	9.9
Poultry Purchased	4.7	816,768	13.1
Feed	72.1	18,119,397	4.3
Grains	21.0	3,514,889	13.0
Protein Meal or Conc.	24.4	2,946,516	6.9
Complete Rations & Formula Feeds	28.6	7,468,739	10.6
Farm Services 10/ 11/ 28/	97.8	27,988,421	2.3
Crop Custom Services	37.7	1,777,559	4.4
Livestock Custom Services	9.3	942,453	14.7
Transportation	22.6	1,050,304	7.4
Rent	39.3	11,921,802	3.0
Marketing & Storage	63.4	2,052,846	6.4
Insurance	79.6	2,910,308	2.1
Utilities	77.3	2,860,929	2.5
Agricultural Chemicals 13/	64.8	4,769,064	3.2
Fertilizer 14/	66.7	7,119,073	2.4
Interest	54.7	9,345,014	2.4
Farm Real Estate	41.1	6,337,845	3.0
Operating Loans	29.9	3,007,169	3.1
Taxes (Property & Real Estate)	96.5	4,690,150	4.0
Labor	43.7	13,353,594	5.5
Cash Wages	38.6	9,910,084	5.5
Contract	9.2	1,332,503	18.8
Fuels & Lubricants	91.0	5,169,105	2.0
Diesel Fuel	61.4	2,418,025	2.9
Gasoline - Bulk	39.2	1,071,978	3.2
Gasoline - Service Station	49.2	581,577	5.1
Farm Supplies	76.8	3,002,210	5.1
Supplies used in Production 16/	76.0	2,275,332	2.9
Containers used for Marketing	4.9	726,878	17.4
Building & Fencing	58.3	2,657,176	4.7
New Construction & Remodeling	21.5	1,698,167	6.3
Farm & Land Improvements	22.9	1,110,028	6.2
New Construction	9.5	728,458	8.8
Total Farm Machinery 17/ 18/ 19/ 20/	83.2	12,940,710	2.2
Tractors	10.4	2,513,833	4.7
Other Machinery & Equipment	82.3	10,426,877	2.1
Self-Propelled Machinery	7.1	1,337,922	9.3
Non Self-Propelled Machinery	29.8	2,817,518	4.9
Repair & Replacement Parts	79.3	5,471,274	2.7
Seeds & Plants 21/ 22/	59.6	3,933,047	3.0
Field Crops & Small Grains	45.4	2,671,276	3.3
Trucks & Autos 23/	17.7	2,190,257	3.7
Trucks incl Beds, Hydr Systems, etc.	14.6	1,964,793	4.0
Other Unallocated Expenses 27/	2.5	166,140	10.7

See footnotes, page 56.

Production Expenditures: United States 2/, 1990

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	61,532	131,553,710
Livestock & Poultry:	39.9	7,016	15,000,324
Cattle Purchased	28.8	5,848	12,503,379
Beef Breeding	15.3	824	1,762,618
Milk Production	3.8	545	1,166,172
Meat Production	12.4	4,478	9,574,590
Hogs & Pigs Purchased	8.1	521	1,113,710
Breeding Herds	4.2	101	216,306
Meat Production	4.4	420	897,404
Sheep & Lambs Purchased	2.5	44	94,935
Poultry Purchased	4.7	382	816,768
Broiler	2.6	226	483,357
Egg Type	2.0	56	119,507
Turkeys	0.8	100	213,904
Other Livestock & Poultry Expenses 9/	4.9	221	471,531
Feed:	72.1	8,475	18,119,397
Grains	21.0	1,644	3,514,889
Hays & Forages	25.1	1,043	2,230,031
Complete Rations or Formula Feeds	28.6	3,493	7,468,739
Protein Meals or Concentrates	24.4	1,378	2,946,516
Supplements	16.1	554	1,184,854
Minerals, Salts & Additives	49.4	362	774,368
Farm Services:	97.8	13,091	27,988,421
Crop Custom Services	37.7	831	1,777,559
Land Tillage & Cultivation	3.1	42	88,803
Planting & Seeding	4.2	33	70,054
Harvesting	28.9	497	1,062,770
Hay, Forage & Straw	17.5	181	387,546
Small Grain	6.2	87	185,643
Corn	6.4	67	143,345
Soybeans & Grain Sorghum	5.0	53	112,345
Cotton	0.4	30	63,521
Other Field Crops, Vegetables, Fruits & Nuts	2.2	80	170,370
Other Custom Services for Crops	14.5	260	555,932
Livestock Custom Services	9.3	441	942,453
Feeding & Grazing on a Per Head or Gain Basis 10/	1.5	279	597,173
Pasturing Livestock on Private Land	2.5	106	226,640
Feed Grinding & Mixing	6.1	55	118,640
Transportation	22.6	491	1,050,304
Vet Supplies, Svcs, Testing & Breeding	49.2	643	1,374,017
Rent	39.3	5,576	11,921,802
Cash	30.5	2,383	5,094,730
Share	15.6	3,193	6,827,072
Marketing & Storage	63.4	960	2,052,846
Crops Including Horticultural	27.2	474	1,012,535
Milk & Dairy Products	7.2	247	527,021
Livestock & Poultry	46.6	240	513,290

See Footnotes, Page 56.

Production Expenditures: United States 2/, 1990 (Continued)

Expenditure - Farm Share	Farms Reporting 3/	Average Per Farm 4/	Total Expenditure 7/
	Percent	Dollars	1,000 Dollars
Insurance	79.6	1,361	2,910,308
Blanket Policy <u>29/</u>	79.0	1,130	2,416,811
Federal Crop	15.0	231	493,497
Leasing <u>11/</u>	6.9	285	609,089
Tractors	2.5	110	235,155
Trucks & Autos	0.8	32	68,283
Irrigation Equipment	0.4	19	*39,967
Farm Service & Storage Structures	0.7	17	*37,412
Other Equipment	3.8	107	228,271
Misc. Farm Business Expenses <u>12/</u>	90.3	1,164	2,489,115
General Farm Business	75.6	797	1,702,992
Irrigation	6.7	165	352,914
Registration & License Fees	80.8	144	308,535
Farm Office Equipment Purchases	6.5	58	124,674
Utilities	77.3	1,338	2,860,929
Telephone	59.1	204	436,457
Water (Excluding Irrigation)	13.0	59	126,898
Electricity	74.6	1,075	2,297,575
Excluding Irrigation	72.5	771	1,648,420
For Irrigation	7.0	304	649,154
Ag Chemicals & Sprays: <u>13/</u>	64.8	2,231	4,769,064
Crop Pesticides & Chemicals	49.5	2,100	4,489,172
Livestock Sprays & Chemicals	30.5	131	279,892
Fertilizer: <u>14/</u>	66.7	3,330	7,119,073
Commercial Fertilizers	60.5	2,970	6,349,641
Lime & Soil Conditioners	20.6	360	769,432
Interest:	54.7	4,371	9,345,014
Farm Real Estate	41.1	2,964	6,337,845
Operating Loans	29.9	1,407	3,007,169
Taxes: (Real Estate & Property)	96.5	2,194	4,690,150
Real Estate	92.0	1,950	4,169,345
Labor:	43.7	6,246	13,353,594
Cash Wages	38.6	4,635	9,910,084
Contract Labor	9.2	623	1,332,503
Insurance & Retirement Plans	3.8	217	463,188
FICA & Other Compensation Taxes	13.2	530	1,133,324
Fringe Benefits - Cash Value	9.9	241	514,495
Board, Housing, etc.	4.1	156	333,692
Trans, Food, Fuels & Utilities	8.3	85	180,802
Fuels & Lubricants:	91.0	2,418	5,169,105
Diesel	61.4	1,131	2,418,025
Gasoline - Bulk	39.2	501	1,071,978
Gasoline - Service Station	49.2	272	581,577
L.P. Gas	17.2	247	528,722
Natural Gas	1.8	92	195,626
Other (Coal, Kerosene, Wood, etc.)	4.2	25	54,077
Motor Oils, Grease & Special Fluids	72.7	149	319,101

See Footnotes, Page 56.

Production Expenditures: United States 2/, 1990 (Continued)

Expenditure - Farm Share	Farms Reporting 3/	Average Per Farm 4/	Total Expenditure 7/
	Percent	Dollars	1,000 Dollars
Farm Supplies:	76.8	1,404	3,002,210
Supplies Used in Production 16/	76.0	1,064	2,275,332
Containers Used for Marketing	4.9	340	726,878
Building & Fencing:	58.3	1,243	2,657,176
New Construction & Remodeling	21.5	794	1,698,167
Building Construction & Remodeling	11.4	695	1,485,139
Fencing	14.8	100	213,028
Repairs & Maintenance	48.3	449	959,009
Buildings	25.3	345	738,518
Fencings	32.9	103	220,490
Farm & Land Improvements: 26/	22.9	519	1,110,028
New Construction	9.5	341	728,458
Land Improve (Drainage, Roads, etc.)	3.1	119	*254,641
Irrigation (Wells, Pumping & Distr)	1.3	111	237,409
Other Farm Improve (Feedlots, etc.)	5.6	111	*236,407
Maintenance & Repairs	15.5	178	381,570
Land Improve (Drainage, Roads, etc.)	2.7	57	122,888
Irrigation (Wells, Pumping & Distr)	1.4	35	74,537
Other Farm Improve (Feedlots, etc.)	9.5	86	184,145
Total Farm Machinery: 17/	83.2	6,053	12,940,710
Tractors	10.4	1,176	2,513,833
New	1.9	544	1,162,878
Used	8.6	632	1,350,955
Other Machinery & Equipment 20/	82.3	4,877	10,426,877
Self-Propelled Machinery	7.1	626	1,337,922
Planting, Fertilizing, & Chemical	1.0	29	61,203
Harvesting	2.5	430	918,334
Haying	2.5	96	204,814
Misc. Self Propelled Machinery & Equipment	1.9	72	153,571
Non Self-Propelled Machinery	29.8	1,318	2,817,518
Tillage	10.0	247	527,327
Planting, Fertilizing & Chemical	5.8	189	403,752
Harvesting	2.6	233	498,670
Haying	8.8	276	589,606
Misc. Non Self-Propelled Machinery & Equipment 18/	14.5	373	798,162
Livestock & Poultry Equipment 19/	11.5	351	750,274
Machinery Accessories & Shop Equipment	3.9	23	49,889
Repairs & Replacement Parts	79.3	2,559	5,471,274
Seeds & Plants: 21/	59.6	1,840	3,933,047
Field Crops & Small Grains	45.4	1,249	2,671,276
Legumes Grasses & Forages	22.0	155	330,764
Seeds & Plants for Other Crops	5.7	411	878,439
Other Seed Related Expenses 22/	4.5	25	*52,568
Trucks & Autos: 23/	17.7	1,024	2,190,257
Trucks incl Beds, Hydr Systems, etc.	14.6	919	1,964,793
Autos	4.0	105	225,464
Other Unallocated Expenses: 27/	2.5	78	166,140

See Footnotes, Page 56.

Farm Production Expenditures - 1989 and 1990
United States 2/

Expenditure - Farm Share	Farms Reporting 3/		Average per Farm 4/		Total Expenditures 7/	
	1989	1990	1989	1990	1989	1990
	Percent		Dollars		Million Dollars	
Total Expenditures 8/	100.0	100.0	57,261	61,532	124,124	131,554
Livestock & Poultry:	40.2	39.9	6,468	7,016	14,019	15,000
Cattle Purchased	28.0	28.8	5,392	5,848	11,689	12,503
Hogs & Pigs Purchased	8.7	8.1	405	521	879	1,114
Poultry Purchased	4.9	4.7	471	382	1,021	817
Other Livestock & Poultry Expenses 9/	5.4	4.9	117	221	254	472
Feed:	72.4	72.1	8,408	8,475	18,225	18,119
Grains	23.8	21.0	1,581	1,644	3,427	3,515
Hays & Forages	29.0	25.1	966	1,043	2,093	2,230
Complete Ration or Formula Feed	30.0	28.6	3,596	3,493	7,795	7,469
Protein Meal or Concentrates	24.4	24.4	1,420	1,378	3,079	2,947
Supplements	16.0	16.1	455	554	985	1,185
Minerals, Salts & Additives	48.7	49.4	391	362	846	774
Farm Services: 10/ 28/	97.9	97.8	12,335	13,091	26,739	27,988
Crop Custom Services	40.8	37.7	905	831	1,961	1,778
Livestock Custom Services	9.1	9.3	274	441	593	942
Transportation	28.4	22.6	613	491	1,329	1,050
Vet Supplies, Svcs, Etc.	56.1	49.2	626	643	1,357	1,374
Cash Rent	30.5	30.5	2,097	2,383	4,546	5,095
Share Rent	14.8	15.6	3,140	3,193	6,807	6,827
Marketing & Storage	60.8	63.4	917	960	1,988	2,053
Insurance	82.8	79.6	1,298	1,361	2,814	2,910
Leasing 11/	6.5	6.9	217	285	469	609
Misc. Farm Business 12/	88.5	90.3	951	1,164	2,061	2,489
Utilities	78.8	77.3	1,299	1,338	2,815	2,861
Electricity	74.7	74.6	1,076	1,075	2,333	2,298
Ag Chemicals & Sprays: 13/	61.9	64.8	2,098	2,231	4,548	4,769
Fertilizer: 14/	68.5	66.7	3,317	3,330	7,191	7,119
Commercial Fertilizers	65.9	60.5	3,124	2,970	6,772	6,350
Interest:	50.8	54.7	3,879	4,371	8,409	9,345
Farm Real Estate	39.8	41.1	2,622	2,964	5,684	6,338
Operating Loan	26.2	29.9	1,257	1,407	2,725	3,007
Taxes (Property & Real Estate)	94.5	96.5	1,930	2,194	4,183	4,690
Labor:	44.5	43.7	5,232	6,246	11,340	13,354
Cash Wages	39.1	38.6	4,167	4,635	9,032	9,910
Fuels & Lubricants:	91.0	91.0	2,053	2,418	4,449	5,169
Diesel	63.6	61.4	979	1,131	2,122	2,418
Gasoline - Bulk	39.7	39.2	432	501	936	1,072
Gasoline - Service Station	48.0	49.2	234	272	507	582
Farm Supplies:	69.8	76.8	1,085	1,404	2,351	3,002
Supplies used in Production 16/	68.6	76.0	835	1,064	1,810	2,275
Containers used in Marketing	4.5	4.9	250	340	541	727
Building & Fencing:	54.0	58.3	1,060	1,243	2,297	2,657
New Construction & Remodeling	19.2	21.5	699	794	1,514	1,698
Farm & Land Improvements:	17.4	22.9	408	519	883	1,110
New Construction	7.8	9.5	279	341	606	728
Farm Machinery: 17/ 18/ 19/ 20/	84.3	83.2	5,937	6,053	12,869	12,941
Seeds & Plants: 21/ 22/	61.7	59.6	1,778	1,840	3,855	3,933
Trucks & Autos: 23/	16.8	17.7	982	1,024	2,129	2,190
Trucks incl Beds, Hydr Systems, Etc.	14.7	14.6	903	919	1,957	1,965

See footnotes, page 56.

Expenditures by Farm Type - Crop, 1989 and 1990
United States 2/

Expenditure - Farm Share	Farms Reporting 3/		Average per Farm 4/		Total Expenditures 7/	
	1989	1990	1989	1990	1989	1990
	Percent		Dollars		Million Dollars	
Total Expenditures 8/	100.0	100.0	83,886	85,494	57,453	58,609
Livestock & Poultry:	22.2	19.6	1,987	1,729	1,361	1,185
Cattle Purchased	14.5	12.2	1,549	1,220	1,061	836
Hogs & Pigs Purchased	5.2	4.9	267	345	183	236
Poultry Purchased	2.5	2.1	100	52	68	36
Other Livestock & Poultry Expenses 9/	3.1	2.2	52	104	36	71
Feed:	36.2	34.4	1,634	1,350	1,119	925
Grains	9.8	8.3	271	185	185	127
Hays & Forages	8.8	7.0	150	132	103	91
Complete Ration or Formula Feed	10.6	10.4	541	442	370	303
Protein Meal or Concentrates	11.7	9.9	450	399	308	274
Supplements	10.0	7.8	148	122	101	84
Minerals, Salts & Additives	22.1	21.5	74	70	51	48
Farm Services: 10/ 28/	97.8	97.1	23,461	23,303	16,069	15,975
Crop Custom Services	46.2	42.1	1,923	1,718	1,317	1,178
Livestock Custom Services	5.7	4.3	72	86	50	59
Transportation	20.3	19.5	545	505	373	346
Vet Supplies, Svcs, Etc.	26.8	19.5	162	130	111	89
Cash Rent	31.3	29.0	4,146	4,809	2,839	3,297
Share Rent	27.4	26.1	8,408	7,634	5,759	5,233
Marketing & Storage	50.9	55.0	1,512	1,464	1,036	1,003
Insurance	86.0	81.1	2,360	2,338	1,616	1,603
Leasing 11/	9.7	9.7	491	681	336	467
Misc. Farm Business 12/	90.2	90.7	1,904	2,061	1,304	1,413
Utilities	79.8	77.0	1,939	1,879	1,328	1,288
Electricity	74.8	71.3	1,624	1,509	1,112	1,035
Ag Chemicals & Sprays: 13/	74.5	73.8	5,176	5,335	3,545	3,658
Fertilizer: 14/	81.4	79.8	7,250	6,975	4,966	4,781
Commercial Fertilizers	80.6	71.3	6,884	6,245	4,715	4,281
Interest:	56.2	58.5	6,120	6,546	4,191	4,488
Farm Real Estate	42.5	43.7	4,137	4,473	2,834	3,066
Operating Loan	32.8	33.2	1,982	2,073	1,357	1,421
Taxes (Property & Real Estate)	95.2	96.9	3,348	3,442	2,293	2,360
Labor:	51.2	49.7	10,770	12,848	7,376	8,808
Cash Wages	44.9	43.4	8,403	9,477	5,755	6,497
Fuels & Lubricants:	92.9	90.3	3,741	4,247	2,562	2,911
Diesel	74.1	65.4	1,968	2,200	1,348	1,508
Gasoline - Bulk	47.7	43.6	693	743	474	510
Gasoline - Service Station	43.4	42.4	297	352	204	241
Farm Supplies:	69.4	76.4	1,809	2,443	1,239	1,675
Supplies used in Production 16/	67.5	74.8	1,166	1,431	798	981
Containers used in Marketing	7.1	9.1	643	1,012	441	694
Building & Fencing:	38.4	42.5	1,134	1,207	777	828
New Construction & Remodeling	12.6	14.5	761	744	521	510
Farm & Land Improvements:	15.2	21.1	629	766	431	525
New Construction	7.2	7.7	465	500	319	343
Farm Machinery: 17/ 18/ 19/ 20/	87.4	84.4	10,443	9,570	7,153	6,561
Seeds & Plants: 21/ 22/	78.5	76.8	4,198	4,244	2,875	2,909
Trucks & Autos: 23/	18.0	18.3	1,477	1,329	1,012	911
Trucks incl Beds, Hydr Systems, Etc.	14.4	15.1	1,355	1,191	928	816

See footnotes, page 56.

Expenditures by Farm Type - Livestock, 1989 and 1990
United States 2/

Expenditure -- Farm Share	Farms Reporting 3/		Average per Farm 4/		Total Expenditures 7/	
	1989	1990	1989	1990	1989	1990
	Percent	Percent	Dollars	Dollars	Million Dollars	Million Dollars
Total Expenditures 8/	100.0	100.0	63,501	68,494	66,671	72,945
Livestock & Poultry:	51.9	52.9	12,057	12,972	12,658	13,815
Cattle Purchased	36.8	39.5	10,122	10,955	10,628	11,667
Hogs & Pigs Purchased	11.0	10.2	663	824	696	877
Poultry Purchased	6.4	6.4	907	733	952	781
Other Livestock & Poultry Expenses 9/	6.9	6.6	208	376	218	401
Feed:	96.1	96.4	16,293	16,145	17,106	17,194
Grains	33.1	29.3	3,088	3,183	3,242	3,390
Hays & Forages	42.5	36.9	1,897	2,010	1,991	2,140
Complete Ration or Formula Feed	42.8	40.5	7,075	6,731	7,428	7,168
Protein Meal or Concentrates	32.8	33.8	2,634	2,507	2,765	2,670
Supplements	20.0	21.5	840	1,033	882	1,101
Minerals, Salts & Additives	66.4	67.6	758	682	796	726
Farm Services: 10/ 28/	98.0	98.2	10,163	11,280	10,671	12,013
Crop Custom Services	37.2	34.8	613	563	644	600
Livestock Custom Services	11.3	12.5	518	830	544	884
Transportation	33.8	24.5	910	661	956	704
Vet Supplies, Svcs, Etc.	75.2	68.4	1,187	1,207	1,246	1,285
Cash Rent	30.0	31.4	1,625	1,688	1,706	1,798
Share Rent	6.6	8.8	998	1,497	1,048	1,594
Marketing & Storage	67.2	68.8	907	985	952	1,050
Insurance	80.7	78.7	1,140	1,227	1,197	1,307
Leasing 11/	4.3	5.1	127	134	133	142
Misc. Farm Business 12/	87.4	90.1	721	1,011	757	1,076
Utilities	78.2	77.6	1,417	1,477	1,487	1,573
Electricity	74.6	76.7	1,163	1,186	1,221	1,263
Ag Chemicals & Sprays: 13/	53.7	59.0	956	1,044	1,003	1,111
Fertilizer: 14/	60.2	58.3	2,119	2,195	2,225	2,338
Commercial Fertilizers	56.0	53.5	1,960	1,943	2,057	2,069
Interest:	47.3	52.2	4,017	4,561	4,217	4,857
Farm Real Estate	38.0	39.4	2,714	3,072	2,850	3,272
Operating Loan	22.8	27.7	1,302	1,489	1,368	1,586
Taxes (Property & Real Estate)	93.9	96.3	1,801	2,188	1,890	2,331
Labor:	40.2	39.8	3,775	4,268	3,964	4,546
Cash	35.3	35.5	3,112	3,205	3,267	3,413
Fuels & Lubricants:	89.7	91.5	1,798	2,120	1,887	2,258
Diesel	56.6	58.8	739	863	776	919
Gasoline - Bulk	34.4	36.3	438	522	460	556
Gasoline - Service Station	51.0	53.6	288	314	302	335
Farm Supplies:	70.1	77.0	1,059	1,246	1,112	1,327
Supplies used in Production 16/	70.0	76.7	948	1,215	996	1,294
Containers used in Marketing	2.3	2.3	111	31	117	33
Building & Fencing:	64.2	68.4	1,448	1,718	1,521	1,830
New Construction & Remodeling	23.5	26.0	946	1,116	993	1,188
Farm & Land Improvements:	18.8	24.1	431	549	453	585
New Construction	8.2	10.6	274	362	287	386
Farm Machinery: 17/ 18/ 19/ 20/	82.3	82.4	5,445	5,991	5,717	6,380
Seeds & Plants: 21/ 22/	50.8	48.6	933	961	980	1,024
Trucks & Autos: 23/	16.1	17.3	1,064	1,201	1,117	1,279
Trucks incl Beds, Hydr Systems, Etc.	14.9	14.3	980	1,079	1,029	1,149

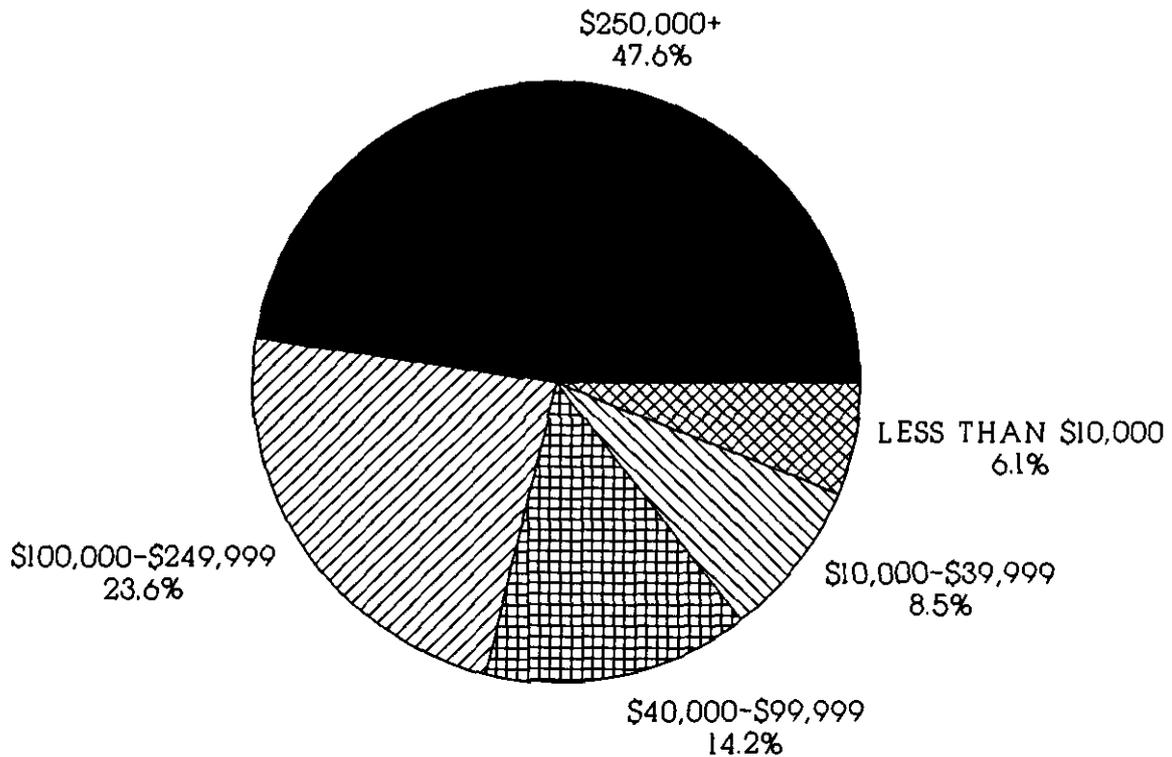
See footnotes, page 56.

Production Expenditures: Expenditures (Farm Share) and Related Coefficients of Variation, by Economic Class, United States, 1990

Gross Value of Sales	Total Farm Expenditures		Livestock & Poultry	
	Expenditures <u>7/</u>	C.V. <u>5/</u>	Expenditures <u>7/</u>	C.V. <u>5/</u>
	1,000 Dollars	Percent	1,000 Dollars	Percent
\$250,000+	62,613,340	4.1	9,475,599	11.0
\$100,000-\$249,999	31,054,369	3.2	2,254,385	8.5
\$40,000-\$99,999	18,701,873	4.3	1,639,119	15.5
\$10,000-\$39,999	11,217,491	5.2	1,087,905	14.2
less than \$10,000	7,966,635	4.7	543,316	9.5
	Feed		Farm Services	
	Expenditures <u>7/</u>	C.V. <u>5/</u>	Expenditures <u>7/</u>	C.V. <u>5/</u>
	1,000 Dollars	Percent	1,000 Dollars	Percent
\$250,000+	9,742,655	6.7	12,144,825	4.3
\$100,000-\$249,999	3,750,194	5.9	7,793,604	3.8
\$40,000-\$99,999	2,535,517	12.4	4,297,955	3.9
\$10,000-\$39,999	1,334,070	12.8	2,327,215	4.7
less than \$10,000	756,960	8.0	1,424,822	5.9
	Agricultural Chemicals		Fertilizer	
	Expenditures <u>7/</u>	C.V. <u>5/</u>	Expenditures <u>7/</u>	C.V. <u>5/</u>
	1,000 Dollars	Percent	1,000 Dollars	Percent
\$250,000+	2,295,116	5.9	2,962,258	4.8
\$100,000-\$249,999	1,385,736	4.3	2,081,855	3.9
\$40,000-\$99,999	707,646	5.8	1,132,804	4.4
\$10,000-\$39,999	292,196	5.5	635,077	4.2
less than \$10,000	88,369	5.9	307,079	5.7
	Interest		Labor	
	Expenditures <u>7/</u>	C.V. <u>5/</u>	Expenditures <u>7/</u>	C.V. <u>5/</u>
	1,000 Dollars	Percent	1,000 Dollars	Percent
\$250,000+	3,416,701	4.8	9,203,006	7.6
\$100,000-\$249,999	2,320,640	4.6	2,204,898	6.7
\$40,000-\$99,999	1,484,362	4.9	1,041,898	7.6
\$10,000-\$39,999	997,505	7.6	636,785	20.7
less than \$10,000	1,125,806	6.9	267,007	19.2
	Fuels & Lubricant		Farm Machinery	
	Expenditures <u>7/</u>	C.V. <u>5/</u>	Expenditures <u>7/</u>	C.V. <u>5/</u>
	1,000 Dollars	Percent	1,000 Dollars	Percent
\$250,000+	1,992,083	4.3	4,848,905	4.1
\$100,000-\$249,999	1,385,120	3.4	3,704,817	3.9
\$40,000-\$99,999	900,718	4.0	2,185,411	5.2
\$10,000-\$39,999	544,718	3.7	1,322,038	6.4
less than \$10,000	346,467	4.3	879,540	6.1

See footnotes, page 56.

PERCENT OF EXPENDITURES BY ECONOMIC CLASS, UNITED STATES, 1990



Production Expenditures: Percent of Farms by Economic Class,
United States, 1990 2/

Gross Value of Sales	:	Percent of Farms	:	Total Expenditures
	:	Percent	:	1,000 Dollars
\$250,000 and over	:	6.0	:	62,613,340
\$100,000 - \$249,999	:	11.0	:	31,054,369
\$40,000 - \$99,999	:	13.7	:	18,701,873
\$10,000 - \$39,999	:	21.7	:	11,217,471
Less than \$10,000	:	47.6	:	7,966,635

See footnotes, page 56.

Major Farm Production Expenditures: Percent by Economic Class,
United States, 1990

Expenditure - Farm Share <u>8/</u>	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 <u>9/</u>	6.8	9.7	8.8	7.2	15.1	11.4
Feed	9.5	11.9	13.6	12.1	15.6	13.8
Farm Services excluding Rent <u>10/ 11/ 28/</u>	14.8	13.4	12.1	11.9	11.8	12.2
Rent	3.1	7.3	10.8	13.2	7.6	9.1
Agricultural Chemicals <u>13/</u>	1.1	2.6	3.8	4.5	3.7	3.6
Fertilizer <u>14/</u>	3.9	5.7	6.1	6.7	4.7	5.4
Interest	14.1	8.9	7.9	7.5	5.5	7.1
Taxes	11.8	5.5	4.1	3.6	2.0	3.6
Labor	3.4	5.7	5.6	7.1	14.7	10.2
Fuels & Lubricants	4.4	4.9	4.8	4.5	3.2	3.9
Farm Supplies <u>16/</u>	2.5	2.5	2.3	2.1	2.3	2.3
Building & Fencing	6.0	3.0	2.1	1.8	1.4	2.0
Farm & Land Improvements	1.3	1.0	0.8	0.7	0.8	0.8
Farm Machinery <u>17/ 18/ 19/ 20/</u>	11.0	11.8	11.7	11.9	7.7	9.8
Seeds & Plants <u>21/ 22/</u>	1.6	2.6	3.2	3.7	2.8	3.0
Truck & Autos <u>23/</u>	4.6	3.4	2.2	1.4	1.0	1.7
Other Unallocated Expenses <u>27/</u>	0.1	0.1	0.1	0.1	0.1	0.1
Total Percent	100.0	100.0	100.0	100.0	100.0	100.0

See footnotes, page 56.

Production Expenditures: Economic Class Gross Sales \$250,000 and Over
United States, 1990 2/

Expenditure - Farm Share	Farms Reporting <u>6/</u>	Average per Farm <u>6/</u>	Total Expenditure <u>7/</u>
	Percent	Dollars	1,000 Dollars
Total Farm Production Expenditures <u>8/</u>	100.0	600,521	62,613,340
Livestock and Poultry:	53.6	90,880	9,475,599
Cattle Purchased	38.4	81,656	8,513,906
Hogs & Pigs Purchased	16.4	4,480	467,120
Sheep & Lambs Purchased	0.9	301	*31,376
Poultry Purchased	5.3	3,437	358,344
Other Livestock & Poultry Expenses <u>9/</u>	4.8	1,006	*104,854
Feed:	64.1	93,441	9,742,655
Grains	29.8	22,642	2,360,735
Hays & Forages	20.8	12,581	1,311,803
Complete Rations or Formula Feeds	30.5	34,864	3,635,122
Protein Meals or Concentrates	30.8	13,988	1,458,413
Supplements	20.9	5,956	621,036
Minerals, Salts & Additives	38.6	3,410	355,547
Farm Services:	100.0	116,480	12,144,825
Crop Custom Services	51.8	7,032	733,225
Livestock Custom Services	16.9	6,238	650,441
Feeding & Grazing on a Per Head or Gain Basis <u>10/</u>	6.3	4,717	*491,865
Transportation Expenses	43.3	5,845	609,395
Vet Supplies, Svcs, Testing & Breeding	56.6	5,930	618,271
Rent	77.8	45,380	4,731,565
Cash	68.0	23,624	2,463,177
Share	34.1	21,756	2,268,388
Marketing & Storage Expenses	78.3	8,979	936,226
Insurance	96.9	10,167	1,060,080
Leasing <u>11/</u>	24.9	3,670	382,618
Misc. Farm Business Expenses <u>12/</u>	99.8	12,175	1,269,434
Utilities	97.9	11,064	1,153,570
Electricity	97.9	9,381	978,108
Excluding Irrigation	94.8	5,150	536,971
For Irrigation	22.8	4,231	441,137
Ag Chemicals & Sprays: <u>13/</u>	92.0	22,012	2,295,116
Crop Pesticides & Chemicals	84.8	20,797	2,168,417
Livestock Sprays & Chemicals	37.1	1,215	126,699
Fertilizer: <u>14/</u>	88.6	28,411	2,962,258
Commercial Fertilizers	83.0	25,058	2,612,682
Lime & Soil Conditioners	32.6	3,353	*349,576
Interest:	88.7	32,769	3,416,701
Farm Real Estate	67.6	19,530	2,036,267
Operating Loans	66.4	13,240	1,380,434
Taxes: (Real Estate & Property)	97.8	12,011	1,252,313

See Footnotes, Page 56.

Production Expenditures: Economic Class Gross Sales \$250,000 and Over
United States, 1990 2/ (Continued)

Expenditure - Farm Share	Farms Reporting <u>6/</u>	Average per Farm <u>6/</u>	Total Expenditure <u>7/</u>
	Percent	Dollars	1,000 Dollars
Labor Expenses:	91.8	88,265	9,203,006
Cash Wages	88.2	66,019	6,883,477
Contract Labor	20.8	7,513	*783,369
Insurance & Retirement Plans	30.7	3,482	363,052
FICA & Other Compensation Taxes	70.7	8,253	860,548
Fringe Benefits - Cash Value	42.3	2,998	312,560
Fuels & Lubricants:	99.7	19,106	1,992,083
Diesel	92.6	9,716	1,013,055
Gasoline - Bulk	74.6	3,616	377,067
Gasoline - Service Station	33.4	971	101,198
L.P. Gas	51.2	2,100	218,971
Natural Gas	8.1	1,303	*135,869
Other (Coal, Kerosene, Wood, etc.)	7.8	331	*34,402
Motor Oils, Grease & Special Fluids	88.1	1,070	111,521
Farm Supplies:	95.9	13,902	1,449,443
Supplies Used in Production <u>16/</u>	94.3	8,242	859,370
Containers Used for Marketing	11.0	5,659	590,073
Building & Fencing:	65.1	8,457	881,720
New Construction & Remodeling	26.1	5,380	560,961
Repairs & Maintenance	56.9	3,076	320,759
Farm & Land Improvements: <u>26/</u>	41.2	4,803	500,812
New Construction	20.3	3,476	362,425
Maintenance & Repairs	27.7	1,327	138,388
Total Farm Machinery: <u>17/ 18/</u>	98.9	46,506	4,848,905
Tractors	28.3	8,974	935,666
Other Machinery & Equipment <u>20/</u>	98.9	37,532	3,913,238
Self-Propelled Machinery	20.3	5,197	541,829
Non Self-Propelled Machinery	57.8	9,039	942,496
Livestock & Poultry Equipment <u>19/</u>	22.9	2,681	279,530
Machinery Accessories & Shop Equip.	13.0	207	21,483
Repair & Replacement Parts	98.2	20,409	2,127,900
Seeds & Plants: <u>21/</u>	86.4	17,000	1,772,501
Field Crops & Small Grains	72.9	9,567	997,526
Legumes Grasses & Forages	27.1	921	96,028
Seeds & Plants for Other Crops	13.7	6,244	651,017
Other Seed Related Expenses <u>22/</u>	10.9	269	*27,929
Trucks & Autos: <u>23/</u>	43.3	5,680	592,247
Trucks incl Beds, Hydr Systems, etc.	38.8	5,211	543,323
Autos	8.0	469	48,923
Other Unallocated Expenses: <u>27/</u>	6.8	798	83,157

See Footnotes, Page 56.

Production Expenditures: Economic Class Gross Sales \$100,000 - \$249,999
United States, 1990 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	161,030	31,054,369
Livestock and Poultry:	51.9	11,690	2,254,385
Cattle Purchased	38.0	8,563	1,651,343
Hogs & Pigs Purchased	16.5	1,693	326,427
Sheep & Lambs Purchased	1.9	134	*25,911
Poultry Purchased	3.1	784	*151,274
Other Livestock & Poultry Expenses 9/	4.5	516	*99,429
Feed:	72.3	19,446	3,750,194
Grains	28.4	3,420	659,452
Hays & Forages	22.4	1,765	340,276
Complete Rations or Formula Feeds	28.3	6,145	1,185,004
Protein Meals or Concentrates	41.7	5,254	1,013,101
Supplements	20.9	1,875	361,564
Minerals, Salts & Additives	49.3	989	190,797
Farm Services:	100.0	40,413	7,793,604
Crop Custom Services	53.8	2,093	403,634
Livestock Custom Services	15.9	772	148,833
Feeding & Grazing on a Per Head or Gain Basis 10/	3.5	375	72,288
Transportation Expenses	45.6	1,221	235,451
Vet Supplies, Svcs, Testing & Breeding	62.6	1,809	348,874
Rent	77.5	21,256	4,099,267
Cash	60.7	7,553	1,456,500
Share	37.1	13,704	2,642,767
Marketing & Storage Expenses	88.1	3,145	606,601
Insurance	97.4	3,799	732,631
Leasing 11/	14.6	646	124,533
Misc. Farm Business Expenses 12/	98.7	2,339	450,979
Utilities	97.0	3,333	642,803
Electricity	94.6	2,719	524,385
Excluding Irrigation	92.7	2,060	397,285
For Irrigation	12.9	659	127,100
Ag Chemicals & Sprays: 13/	93.6	7,186	1,385,736
Crop Pesticides & Chemicals	87.1	6,836	1,318,343
Livestock Sprays & Chemicals	44.8	349	67,393
Fertilizer: 14/	91.6	10,795	2,081,855
Commercial Fertilizers	88.0	9,852	1,899,685
Lime & Soil Conditioners	29.7	945	182,170
Interest:	85.5	12,034	2,320,640
Farm Real Estate	62.8	7,643	1,473,884
Operating Loans	61.6	4,391	846,756
Taxes: (Real Estate & Property)	98.3	5,788	1,116,203

See Footnotes, Page 56.

Production Expenditures: Economic Class Gross Sales \$100,000 - \$249,999
United States, 1990 2/ (Continued)

Expenditure - Farm Share	Farms Reporting 6/	Average per Farm 6/	Total Expenditure 7/
	Percent	Dollars	1,000 Dollars
Labor Expenses:	73.9	11,433	2,204,898
Cash Wages	69.5	8,348	1,609,829
Contract Labor	13.9	1,466	282,635
Insurance & Retirement Plans	9.5	293	56,600
FICA & Other Compensation Taxes	35.8	791	152,512
Fringe Benefits - Cash Value	24.7	536	103,322
Fuels & Lubricants:	99.5	7,182	1,385,120
Diesel	96.0	3,585	691,285
Gasoline - Bulk	73.3	1,495	288,198
Gasoline - Service Station	39.0	571	110,154
L.P. Gas	44.6	847	163,399
Natural Gas	5.8	219	*42,253
Other (Coal, Kerosene, Wood, etc.)	7.0	37	7,125
Motor Oils, Grease & Special Fluids	88.0	429	82,705
Farm Supplies:	95.4	3,339	643,883
Supplies Used in Production <u>16/</u>	95.0	2,911	561,427
Containers Used for Marketing	5.9	428	82,456
Building & Fencing:	63.8	2,923	563,676
New Construction & Remodeling	23.5	1,879	362,322
Repairs & Maintenance	56.0	1,044	201,354
Farm & Land Improvements: <u>26/</u>	36.3	1,208	232,883
New Construction	14.2	714	137,751
Maintenance & Repairs	26.1	493	95,133
Total Farm Machinery: <u>17/</u> <u>18/</u>	99.1	19,211	3,704,817
Tractors	20.5	3,592	692,695
Other Machinery & Equipment <u>20/</u>	99.0	15,621	3,012,122
Self-Propelled Machinery	17.6	2,333	449,935
Non Self-Propelled Machinery	58.3	4,422	852,697
Livestock & Poultry Equipment <u>19/</u>	24.5	1,050	202,430
Machinery Accessories & Shop Equip.	10.7	90	17,305
Repair & Replacement Parts	98.1	7,726	1,489,755
Seeds & Plants: <u>21/</u>	91.9	5,895	1,136,799
Field Crops & Small Grains	84.2	4,591	885,207
Legumes Grasses & Forages	37.9	476	91,704
Seeds & Plants for Other Crops	5.6	772	*148,911
Other Seed Related Expenses <u>22/</u>	10.6	57	10,977
Trucks & Autos: <u>23/</u>	30.8	2,279	439,458
Trucks incl Beds, Hydr Systems, etc.	23.6	1,899	366,259
Autos	9.7	380	73,199
Other Unallocated Expenses: <u>27/</u>	6.0	209	40,218

See Footnotes, Page 56.

Production Expenditures: Economic Class Gross Sales \$40,000 - \$99,999
United States, 1990 2/

Expenditure - Farm Share	Farms Reporting <u>6/</u>	Average per Farm <u>6/</u>	Total Expenditure <u>7/</u>
	Percent	Dollars	1,000 Dollars
Total Farm Production Expenditures <u>8/</u>	100.0	77,837	18,701,873
Livestock and Poultry:	47.8	6,822	1,639,119
Cattle Purchased	35.1	4,726	1,135,632
Hogs & Pigs Purchased	11.2	990	*237,906
Sheep & Lambs Purchased	1.9	37	*8,873
Poultry Purchased	5.4	718	*172,449
Other Livestock & Poultry Expenses <u>9/</u>	5.5	351	*84,260
Feed:	71.4	10,553	2,535,517
Grains	22.2	1,097	263,590
Hays & Forages	20.4	808	194,121
Complete Rations or Formula Feeds	27.1	6,277	*1,508,100
Protein Meals or Concentrates	33.7	1,426	342,684
Supplements	19.2	474	113,564
Minerals, Salts & Additives	50.7	472	113,457
Farm Services:	99.9	17,888	4,297,955
Crop Custom Services	47.3	1,117	268,291
Livestock Custom Services	15.1	334	80,367
Feeding & Grazing on a Per Head or Gain Basis <u>10/</u>	1.6	81	*19,486
Transportation Expenses	35.4	550	132,069
Vet Supplies, Svcs, Testing & Breeding	59.1	842	202,393
Rent	61.7	8,439	2,027,739
Cash	44.9	3,087	741,683
Share	29.0	5,353	1,286,055
Marketing & Storage Expenses	82.0	1,170	281,190
Insurance	94.9	1,983	476,399
Leasing <u>11/</u>	10.6	300	72,042
Misc. Farm Business Expenses <u>12/</u>	98.3	1,249	300,033
Utilities	94.6	1,904	457,433
Electricity	90.0	1,467	352,591
Excluding Irrigation	87.4	1,241	298,225
For Irrigation	7.4	227	54,366
Ag Chemicals & Sprays: <u>13/</u>	87.6	2,945	707,646
Crop Pesticides & Chemicals	76.6	2,765	664,429
Livestock Sprays & Chemicals	39.0	180	43,218
Fertilizer: <u>14/</u>	84.2	4,715	1,132,804
Commercial Fertilizers	77.9	4,318	1,037,521
Lime & Soil Conditioners	23.3	398	95,282
Interest:	72.8	6,178	1,484,362
Farm Real Estate	52.3	4,380	1,052,490
Operating Loans	47.8	1,797	431,872
Taxes: (Real Estate & Property)	97.4	3,175	762,777

See Footnotes, Page 56.

Production Expenditures: Economic Class Gross Sales \$40,000 - \$99,999
United States, 1990 2/ (Continued)

Expenditure - Farm Share	Farms Reporting <u>6/</u>	Average per Farm <u>6/</u>	Total Expenditure <u>7/</u>
	Percent	Dollars	1,000 Dollars
Labor Expenses:	60.6	4,336	1,041,898
Cash Wages	53.6	3,107	746,451
Contract Labor	13.4	624	149,973
Insurance & Retirement Plans	4.4	111	26,709
FICA & Other Compensation Taxes	19.6	270	64,568
Fringe Benefits - Cash Value	14.5	226	54,197
Fuels & Lubricants:	98.5	3,749	900,718
Diesel	87.1	1,706	409,823
Gasoline - Bulk	61.0	908	218,128
Gasoline - Service Station	44.0	458	110,043
L.P. Gas	29.4	359	85,964
Natural Gas	1.9	74	*17,705
Other (Coal, Kerosene, Wood, etc.)	6.3	21	*5,047
Motor Oils, Grease & Special Fluids	80.9	226	54,009
Farm Supplies:	91.7	1,785	428,791
Supplies Used in Production <u>16/</u>	91.2	1,666	400,217
Containers Used for Marketing	4.3	119	28,574
Building & Fencing:	59.0	1,649	396,303
New Construction & Remodeling	21.5	1,029	247,350
Repairs & Maintenance	50.1	620	148,953
Farm & Land Improvements: <u>26/</u>	27.3	650	156,167
New Construction	11.9	424	101,934
Maintenance & Repairs	18.9	226	54,233
Total Farm Machinery: <u>17/ 18/</u>	97.4	9,096	2,185,411
Tractors	10.3	1,366	328,326
Other Machinery & Equipment <u>20/</u>	95.9	7,729	1,857,084
Self-Propelled Machinery	12.7	891	213,995
Non Self-Propelled Machinery	43.6	2,159	518,661
Livestock & Poultry Equipment <u>19/</u>	16.4	713	*171,258
Machinery Accessories & Shop Equip.	4.5	21	*5,020
Repair & Replacement Parts	94.4	3,946	948,150
Seeds & Plants: <u>21/</u>	82.9	2,519	605,338
Field Crops & Small Grains	71.8	2,059	494,657
Legumes Grasses & Forages	29.8	234	55,999
Seeds & Plants for Other Crops	6.3	194	46,471
Other Seed Related Expenses <u>22/</u>	10.3	34	8,212
Trucks & Autos: <u>23/</u>	24.2	1,683	404,417
Trucks incl Beds, Hydr Systems, etc.	20.0	1,518	364,642
Autos	5.1	166	39,776
Other Unallocated Expenses: <u>27/</u>	3.6	94	22,650

See Footnotes, Page 56.

Production Expenditures: Economic Class Gross Sales \$10,000 - \$39,999
United States, 1990 2/

Expenditure - Farm Share	Farms Reporting 6/	Average per Farm 6/	Total Expenditure 7/
	Percent	Dollars	1,000 Dollars
Total Farm Production Expenditures <u>8/</u>	100.0	29,513	11,217,491
Livestock and Poultry:	39.9	2,862	1,087,905
Cattle Purchased	31.2	1,996	758,706
Hogs & Pigs Purchased	6.6	145	54,933
Sheep & Lambs Purchased	2.6	50	*18,925
Poultry Purchased	4.7	301	*114,272
Other Livestock & Poultry Expenses <u>9/</u>	5.6	371	*141,069
Feed:	69.4	3,510	1,334,070
Grains	18.4	453	172,191
Hays & Forages	21.9	458	174,204
Complete Rations or Formula Feeds	24.8	1,919	*729,472
Protein Meals or Concentrates	24.5	304	115,523
Supplements	18.2	185	70,323
Minerals, Salts & Additives	52.5	190	72,359
Farm Services:	99.4	6,123	2,327,215
Crop Custom Services	43.4	598	227,327
Livestock Custom Services	10.3	104	39,421
Feeding & Grazing on a Per Head or Gain Basis <u>10/</u>	1.8	27	*10,330
Transportation Expenses	23.6	140	53,269
Vet Supplies, Svcs, Testing & Breeding	51.3	261	99,067
Rent	40.7	2,158	820,233
Cash	29.9	770	292,838
Share	16.1	1,388	527,395
Marketing & Storage Expenses	72.2	442	168,143
Insurance	88.0	884	336,118
Leasing <u>11/</u>	4.9	38	14,431
Misc. Farm Business Expenses <u>12/</u>	96.0	633	240,664
Utilities	83.9	864	328,542
Electricity	81.1	651	247,529
Excluding Irrigation	79.3	602	228,826
For Irrigation	5.7	50	18,703
Ag Chemicals & Sprays: <u>13/</u>	72.3	769	292,196
Crop Pesticides & Chemicals	55.0	703	267,359
Livestock Sprays & Chemicals	31.1	65	24,837
Fertilizer: <u>14/</u>	71.8	1,671	635,077
Commercial Fertilizers	65.9	1,454	552,548
Lime & Soil Conditioners	20.9	217	82,529
Interest:	55.7	2,624	997,505
Farm Real Estate	39.2	2,061	783,302
Operating Loans	29.5	564	214,203
Taxes: (Real Estate & Property)	97.8	1,626	618,174

See Footnotes, Page 56.

Production Expenditures: Economic Class Gross Sales \$10,000 - \$39,999
United States, 1990 2/ (Continued)

Expenditure - Farm Share	Farms Reporting <u>6/</u>	Average per Farm <u>6/</u>	Total Expenditure <u>7/</u>
	Percent	Dollars	1,000 Dollars
Labor Expenses:	45.4	1,675	636,785
Cash Wages	39.2	1,260	479,049
Contract Labor	9.4	186	70,519
Insurance & Retirement Plans	1.2	41	*15,486
FICA & Other Compensation Taxes	7.6	115	43,565
Fringe Benefits - Cash Value	7.0	74	*28,166
Fuels & Lubricants:	95.0	1,453	544,718
Diesel	68.5	549	208,684
Gasoline - Bulk	40.3	328	124,757
Gasoline - Service Station	52.7	303	115,243
L.P. Gas	12.8	124	46,950
Natural Gas	1.4	10	*3,700
Other (Coal, Kerosene, Wood, etc.)	4.8	15	*5,745
Motor Oils, Grease & Special Fluids	77.4	104	39,640
Farm Supplies:	81.3	735	279,294
Supplies Used in Production <u>16/</u>	80.7	688	261,613
Containers Used for Marketing	5.7	47	17,681
Building & Fencing:	60.6	894	339,787
New Construction & Remodeling	21.5	513	194,882
Repairs & Maintenance	50.9	381	144,906
Farm & Land Improvements: <u>26/</u>	23.1	307	116,653
New Construction	8.9	186	*70,535
Maintenance & Repairs	15.8	121	46,119
Total Farm Machinery: <u>17/ 18/</u>	90.6	3,478	1,322,038
Tractors	10.2	890	338,226
Other Machinery & Equipment <u>20/</u>	88.2	2,588	983,812
Self-Propelled Machinery	5.0	225	85,666
Non Self-Propelled Machinery	26.2	784	298,096
Livestock & Poultry Equipment <u>19/</u>	9.6	122	46,520
Machinery Accessories & Shop Equip.	2.9	9	3,245
Repair & Replacement Parts	86.1	1,448	550,284
Seeds & Plants: <u>21/</u>	65.4	767	291,431
Field Crops & Small Grains	50.5	597	226,988
Legumes Grasses & Forages	20.6	103	39,112
Seeds & Plants for Other Crops	3.6	57	21,112
Other Seed Related Expenses <u>22/</u>	3.8	11	4,219
Trucks & Autos: <u>23/</u>	17.2	1,009	383,372
Trucks incl Beds, Hydr Systems, etc.	14.0	912	346,681
Autos	4.1	97	36,691
Other Unallocated Expenses: <u>27/</u>	2.5	30	11,270

See Footnotes, Page 56.

Production Expenditures: Economic Class Gross Sales less than \$10,000
United States, 1990 2/

Expenditure - Farm Share	Farms Reporting <u>6/</u>	Average per Farm <u>6/</u>	Total Expenditure <u>7/</u>
	Percent	Dollars	1,000 Dollars
Total Farm Production Expenditures <u>8/</u>	100.0	9,563	7,966,635
Livestock and Poultry:	33.1	652	543,316
Cattle Purchased	22.6	533	443,792
Hogs & Pigs Purchased	5.0	33	27,324
Sheep & Lambs Purchased	2.9	12	9,851
Poultry Purchased	4.8	25	*20,430
Other Livestock & Poultry Expenses <u>9/</u>	4.4	50	41,920
Feed:	74.5	909	756,960
Grains	19.2	98	81,354
Hays & Forages	29.2	236	196,820
Complete Rations or Formula Feeds	30.7	425	*353,833
Protein Meals or Concentrates	16.8	61	51,669
Supplements	12.6	37	31,007
Minerals, Salts & Additives	48.9	50	42,277
Farm Services:	95.6	1,710	1,424,822
Crop Custom Services	26.8	174	145,082
Livestock Custom Services	4.6	28	*23,392
Feeding & Grazing on a Per Head or Gain Basis <u>10/</u>	0.3	4	*3,203
Transportation Expenses	10.5	24	20,120
Vet Supplies, Svcs, Testing & Breeding	41.4	127	105,412
Rent	18.5	292	242,998
Cash	14.9	169	140,532
Share	4.2	123	102,466
Marketing & Storage Expenses	46.5	73	60,686
Insurance	65.1	366	305,080
Leasing <u>11/</u>	2.7	19	*15,466
Misc. Farm Business Expenses <u>12/</u>	82.3	274	228,006
Utilities	62.2	334	278,582
Electricity	59.4	237	197,257
Excluding Irrigation	57.4	219	182,298
For Irrigation	4.1	18	14,959
Ag Chemicals & Sprays: <u>13/</u>	44.7	106	88,369
Crop Pesticides & Chemicals	26.0	85	70,624
Livestock Sprays & Chemicals	23.6	21	17,745
Fertilizer: <u>14/</u>	50.9	369	307,079
Commercial Fertilizers	43.7	293	244,191
Lime & Soil Conditioners	16.0	74	62,888
Interest:	37.6	1,351	1,125,806
Farm Real Estate	30.4	1,191	991,903
Operating Loans	13.0	161	133,903
Taxes: (Real Estate & Property)	95.1	1,129	940,683

See Footnotes, Page 56.

Production Expenditures: Economic Class Gross Sales Less than \$10,000
United States, 1990 2/ (Continued)

Expenditure - Farm Share	Farms Reporting 6/	Average per Farm 6/	Total Expenditure 7/
	Percent	Dollars	1,000 Dollars
Labor Expenses:	25.0	321	267,007
Cash Wages	20.6	230	191,277
Contract Labor	5.2	55	*46,008
Insurance & Retirement Plans	0.2	2	*1,445
FICA & Other Compensation Taxes	1.6	14	*12,025
Fringe Benefits - Cash Value	2.3	20	*16,249
Fuels & Lubricants:	84.0	416	346,467
Diesel	38.5	124	102,967
Gasoline - Bulk	19.9	72	60,539
Gasoline - Service Station	53.3	160	133,384
L.P. Gas	5.1	18	14,975
Natural Gas	0.2	2	*1,534
Other (Coal, Kerosene, Wood, etc.)	2.1	3	*2,918
Motor Oils, Grease & Special Fluids	62.5	36	30,151
Farm Supplies:	63.7	241	200,799
Supplies Used in Production <u>16/</u>	62.7	231	192,704
Containers Used for Marketing	3.8	10	8,094
Building & Fencing:	54.8	571	475,689
New Construction & Remodeling	20.4	399	332,652
Repairs & Maintenance	43.7	172	143,038
Farm & Land Improvements: <u>26/</u>	16.2	124	103,512
New Construction	6.6	67	55,814
Maintenance & Repairs	10.4	57	47,698
Total Farm Machinery: <u>17/ 18/</u>	70.0	1,056	879,540
Tractors	6.0	264	220,260
Other Machinery & Equipment <u>20/</u>	69.5	791	659,280
Self-Propelled Machinery	2.3	54	*45,984
Non Self-Propelled Machinery	17.4	246	205,156
Livestock & Poultry Equipment <u>19/</u>	6.6	59	49,567
Machinery Accessories & Shop Equip.	1.6	3	*2,783
Repair & Replacement Parts	65.0	427	355,791
Seeds & Plants: <u>21/</u>	39.5	152	126,979
Field Crops & Small Grains	22.7	76	63,842
Legumes Grasses & Forages	16.1	53	*44,749
Seeds & Plants for Other Crops	5.5	20	*17,052
Other Seed Related Expenses <u>22/</u>	0.9	2	*1,335
Trucks & Autos: <u>23/</u>	9.9	445	370,762
Trucks incl Beds, Hydr Systems, etc.	8.3	413	343,888
Autos	1.7	32	26,874
Other Unallocated Expenses: <u>27/</u>	0.9	11	*8,846

See Footnotes, Page 56.

Production Expenditures: Capital Improvements - Building Construction
and Remodeling (Farm Share), United States, 1989 and 1990 2/

Item	Number of Buildings				Total Expenditure 7/ 8/			
	1989	C.V. 5/	1990	C.V. 5/	1989	C.V. 5/	1990	C.V. 5/
	1,000	Pct	1,000	Pct	Mil Dols	Pct	Mil Dols	Pct
New Buildings by Type:	139.7	8.3	166.1	9.0	1,054.4	12.9	1,247.4	8.7
Machine, Implement & Workshop	32.6	15.7	40.2	16.7	260.8	27.9	287.4	20.3
Grain Storage	6.3	27.5	12.2	20.8	54.2	37.9	90.6	25.4
Other Crops	6.3	32.6	9.9	23.8	69.3	40.5	77.9	27.3
Beef Cattle Prod.	18.6	20.1	26.2	19.3	60.4	27.2	86.4	23.4
Dairy Cattle Prod.	7.6	26.1	10.6	24.5	104.5	27.9	194.3	25.2
Hog Production	11.9	31.8	9.1	26.2	84.6	30.1	151.9	30.7
Poultry Production	5.7	37.7	3.2	45.7	19.8	59.6	35.0	44.7
Multi-Purpose	23.6	16.8	17.7	32.3	104.1	25.6	124.9	23.9
Dwellings for Workers	3.2	81.4	5.3	51.8	53.3	66.1	52.0	33.4
Other 25/	23.8	15.6	31.5	29.1	243.5	24.1	147.2	19.6
Remodeled Buildings by Type:	90.1	19.5	66.3	11.9	267.5	16.1	239.3	13.4
Machine, Implement & Workshop	5.7	23.0	10.8	26.3	29.0	50.5	31.8	30.8
Grain Storage	7.1	28.1	5.9	23.1	20.1	37.3	16.9	35.8
Other Crops	6.2	29.2	7.5	57.2	14.4	37.2	21.8	41.1
Beef Cattle Prod.	12.9	24.9	9.4	30.7	23.0	26.5	13.0	27.1
Dairy Cattle Prod.	5.7	33.1	9.4	27.6	19.1	36.9	59.2	30.1
Hog Production	3.2	27.6	7.1	28.1	26.2	44.6	31.9	37.4
Poultry Production	9.0	60.1	2.6	51.9	47.8	52.0	15.4	59.5
Multi-Purpose	7.8	28.5	3.6	39.3	26.1	40.0	5.7	34.4
Dwellings for Workers	3.5	31.4	2.2	35.5	20.7	33.7	17.3	37.0
Other 25/	29.0	40.9	7.7	38.7	41.0	34.7	26.3	52.7
Materials Used in New Construction	Percent of Total New Buildings							
	1989				1990			
Framing - Wood	81.3				79.3			
Metal	14.6				16.3			
Masonry	3.2				2.3			
Other	0.9				2.1			
	100.0				100.0			
Siding - Wood	37.2				30.8			
Metal	50.9				52.4			
Masonry	4.2				3.5			
Other	7.7				13.3			
	100.0				100.0			
Roofing - Wood	11.3				7.5			
Metal	69.6				64.3			
Masonry	0.8				0.3			
Other	18.3				27.9			
	100.0				100.0			

See footnotes, page 56.

Production Expenditures: Expenditures (Farm Share) and Related Coefficient of Variation, by Region, 1990

Region 1/	Total Farm Expenditures :		Livestock	
	Expenditures 7/ : C.V. 5/ :		Expenditures 7/ : C.V. 5/	
	1,000 Dollars	Percent	1,000 Dollars	Percent
Northeast	9,394,171	7.3	593,811	21.8
Lake States	15,281,851	5.1	977,158	15.2
Cornbelt	25,916,429	3.6	2,125,026	9.2
Northern Plains	18,693,464	7.6	4,946,868	17.8
Appalachian	9,367,146	5.9	902,146	13.9
Southeast	8,000,296	8.8	535,597	18.6
Delta States	6,564,654	8.8	488,853	18.3
Southern Plains	10,852,793	7.3	2,168,250	18.8
Mountain	10,114,233	6.0	1,217,915	13.8
Pacific	17,368,671	8.3	1,044,700	35.3
	Feed :		Farm Services	
	Expenditures 7/ : C.V. 5/ :		Expenditures 7/ : C.V. 5/	
	1,000 Dollars	Percent	1,000 Dollars	Percent
Northeast	1,927,841	13.2	1,376,375	8.1
Lake States	2,046,144	8.1	3,045,301	6.1
Cornbelt	2,980,780	6.9	6,874,775	4.0
Northern Plains	2,215,383	16.2	3,651,193	4.6
Appalachian	1,529,879	13.7	1,806,843	6.7
Southeast	1,319,075	17.9	1,120,320	7.7
Delta States	1,333,269	23.0	1,513,169	9.5
Southern Plains	1,187,360	12.5	2,269,447	8.1
Mountain	1,373,374	14.7	2,343,992	6.9
Pacific	2,206,293	13.0	3,987,006	9.6
	Interest :		Labor	
	Expenditures 7/ : C.V. 5/ :		Expenditures 7/ : C.V. 5/	
	1,000 Dollars	Percent	1,000 Dollars	Percent
Northeast	564,388	7.5	1,342,586	18.8
Lake States	1,309,313	6.2	1,172,112	13.4
Cornbelt	1,851,737	4.9	1,354,382	20.6
Northern Plains	1,347,680	5.9	642,224	8.2
Appalachian	600,151	7.2	961,035	12.7
Southeast	435,411	13.2	1,411,628	15.2
Delta States	343,366	7.9	520,237	10.9
Southern Plains	808,715	8.3	824,967	9.2
Mountain	872,073	5.9	1,097,294	10.4
Pacific	1,212,181	10.5	4,027,127	13.3
	Fuels & Lubricants :		Total Farm Machinery	
	Expenditures 7/ : C.V. 5/ :		Expenditures 7/ : C.V. 5/	
	1,000 Dollars	Percent	1,000 Dollars	Percent
Northeast	317,177	7.8	939,407	6.0
Lake States	627,917	4.4	1,950,289	5.3
Cornbelt	971,123	3.7	2,876,794	4.7
Northern Plains	794,618	4.4	1,785,487	5.1
Appalachian	415,830	7.2	982,978	7.2
Southeast	297,694	9.3	634,170	9.0
Delta States	265,409	6.2	737,865	11.5
Southern Plains	531,279	5.9	1,018,032	8.6
Mountain	423,997	6.0	969,166	7.0
Pacific	524,060	10.8	1,046,523	9.9

See footnotes, page 56.

Production Expenditures: Northeast
(CT, DE, ME, MD, MA, NH, NJ, NY, PA, RI, VT), 1990

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	64,093	9,394,171
Livestock and Poultry:	38.9	4,051	593,811
Cattle Purchased	26.9	2,468	*361,801
Hogs & Pigs Purchased	6.5	197	*28,908
Sheep & Lambs Purchased	1.7	2	*338
Poultry Purchased	7.7	1,207	*176,860
Other Livestock & Poultry Expenses 9/	5.6	177	*25,904
Feed:	72.7	13,153	1,927,841
Grains	16.4	860	*126,060
Hays & Forages	19.3	565	82,832
Complete Rations or Formula Feeds	43.8	8,709	1,276,544
Protein Meals or Concentrates	16.5	1,848	270,807
Supplements	9.5	558	81,855
Minerals, Salts & Additives	41.7	612	89,743
Farm Services:	97.5	9,391	1,376,375
Crop Custom Services	29.3	505	73,976
Livestock Custom Services	7.1	91	13,384
Feeding & Grazing on a Per Head or Gain Basis 10/	-	10	*1,525
Transportation Expenses	28.4	738	108,177
Vet Supplies, Svcs, Testing & Breeding	56.2	1,197	175,458
Rent	31.5	1,398	204,898
Cash	30.3	1,200	175,869
Share	2.4	198	*29,029
Marketing & Storage Expenses	42.7	1,435	*210,357
Insurance	76.7	1,273	186,570
Leasing 11/	9.0	307	*44,934
Misc. Farm Business Expenses 12/	85.2	941	137,880
Utilities	76.9	1,506	220,741
Electricity	75.5	1,252	183,514
Excluding Irrigation	75.1	1,238	181,506
For Irrigation	1.0	14	*2,009
Ag Chemicals & Sprays: 13/	63.1	1,308	191,748
Crop Pesticides & Chemicals	50.5	1,119	164,067
Livestock Sprays & Chemicals	29.1	189	27,680
Fertilizer: 14/	65.7	2,766	405,393
Commercial Fertilizers	52.4	2,105	308,589
Lime & Soil Conditioners	35.7	660	96,804
Interest:	54.5	3,851	564,388
Farm Real Estate	43.7	2,813	412,250
Operating Loans	25.7	1,038	152,138
Taxes: (Real Estate & Property)	95.0	3,904	*572,182

See Footnotes, Page 56.

Production Expenditures: Northeast
(CT, DE, ME, MD, MA, NH, NJ, NY, PA, RI, VT), 1990 (Continued)

Expenditure - Farm Share	Farms Reporting 3/	Average Per Farm 4/	Total Expenditure 7/ 8/
	Percent	Dollars	1,000 Dollars
Labor Expenses:	38.2	9,160	1,342,586
Cash Wages	35.7	7,243	1,061,600
Contract Labor	4.7	297	*43,572
Insurance & Retirement Plans	5.3	378	55,451
FICA & Other Compensation Taxes	18.3	823	*120,697
Fringe Benefits - Cash Value	9.6	418	61,266
Fuels & Lubricants:	93.0	2,164	317,177
Diesel	62.0	831	121,799
Gasoline - Bulk	42.7	516	75,596
Gasoline - Service Station	39.0	162	23,724
L.P. Gas	12.3	265	*38,877
Natural Gas	2.4	76	*11,149
Other (Coal, Kerosene, Wood, etc.)	11.3	179	*26,183
Motor Oils, Grease & Special Fluids	72.1	135	19,849
Farm Supplies:	84.0	2,012	294,904
Supplies Used in Production <u>16/</u>	81.4	1,511	221,415
Containers Used for Marketing	10.5	501	*73,489
Building & Fencing:	64.2	2,567	376,256
New Construction & Remodeling	24.6	1,912	280,278
Repairs & Maintenance	54.5	655	95,979
Farm & Land Improvements: <u>26/</u>	22.2	534	78,327
New Construction	8.8	382	*55,919
Maintenance & Repairs	15.6	153	22,408
Total Farm Machinery: <u>17/ 18/</u>	83.7	6,409	939,407
Tractors	14.0	1,011	148,110
Other Machinery & Equipment <u>20/</u>	84.5	5,399	791,297
Self-Propelled Machinery	7.6	505	73,950
Non Self-Propelled Machinery	38.3	1,637	240,001
Livestock & Poultry Equipment <u>19/</u>	10.9	441	64,709
Machinery Accessories & Shop Equip.	2.7	13	*1,893
Repair & Replacement Parts	81.0	2,802	410,744
Seeds & Plants: <u>21/</u>	64.2	1,784	261,504
Field Crops & Small Grains	45.3	644	94,355
Legumes Grasses & Forages	28.7	230	33,659
Seeds & Plants for Other Crops	11.4	893	*130,864
Other Seed Related Expenses <u>22/</u>	2.4	18	*2,626
Trucks & Autos: <u>23/</u>	17.1	905	132,622
Trucks incl Beds, Hydr Systems, etc.	12.8	753	110,431
Autos	4.7	151	*22,191
Other Unallocated Expenses: <u>27/</u>	4.1	134	*19,651

See Footnotes, Page 56.

Production Expenditures: Lake States
(MI, MN, WI), 1990

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	68,528	15,281,851
Livestock and Poultry:	41.5	4,382	977,158
Cattle Purchased	26.3	3,080	686,879
Hogs & Pigs Purchased	10.0	451	*100,563
Sheep & Lambs Purchased	2.8	34	*7,680
Poultry Purchased	6.2	227	*50,655
Other Livestock & Poultry Expenses 9/	6.0	589	*131,383
Feed:	66.5	9,176	2,046,144
Grains	24.6	1,847	411,853
Hays & Forages	20.9	473	105,567
Complete Rations or Formula Feeds	21.4	2,269	506,046
Protein Meals or Concentrates	36.8	3,388	755,622
Supplements	11.7	580	*129,413
Minerals, Salts & Additives	42.5	617	137,644
Farm Services:	94.2	13,656	3,045,301
Crop Custom Services	44.6	676	150,805
Livestock Custom Services	16.6	257	*57,339
Feeding & Grazing on a Per Head or Gain Basis 10/	0.5	131	*29,260
Transportation Expenses	39.5	627	139,827
Vet Supplies, Svcs, Testing & Breeding	53.8	1,167	260,251
Rent	44.6	5,173	1,153,621
Cash	39.5	3,739	833,721
Share	10.4	1,435	319,900
Marketing & Storage Expenses	63.7	920	205,166
Insurance	86.8	1,807	403,065
Leasing 11/	10.9	399	*89,066
Misc. Farm Business Expenses 12/	88.7	1,042	232,268
Utilities	85.7	1,587	353,893
Electricity	80.6	1,318	293,956
Excluding Irrigation	80.5	1,289	287,338
For Irrigation	1.2	30	*6,618
Ag Chemicals & Sprays: 13/	71.8	2,706	603,476
Crop Pesticides & Chemicals	63.7	2,513	560,328
Livestock Sprays & Chemicals	34.8	193	43,148
Fertilizer: 14/	71.4	4,133	921,557
Commercial Fertilizers	66.7	3,884	866,026
Lime & Soil Conditioners	21.0	249	55,531
Interest:	67.1	5,871	1,309,312
Farm Real Estate	53.8	4,140	923,194
Operating Loans	38.3	1,731	386,118
Taxes: (Real Estate & Property)	99.4	3,859	860,654

See Footnotes, Page 56.

Production Expenditures: Lake States
(MI, MN, WI), 1990 (Continued)

Expenditure - Farm Share	Farms Reporting 3/	Average Per Farm 4/	Total Expenditure 7/ 8/
	Percent	Dollars	1,000 Dollars
Labor Expenses:	48.6	5,256	1,172,112
Cash Wages	46.5	4,181	932,335
Contract Labor	4.4	132	29,485
Insurance & Retirement Plans	8.7	316	70,372
FICA & Other Compensation Taxes	17.7	428	95,409
Fringe Benefits - Cash Value	12.0	200	44,512
Fuels & Lubricants:	93.4	2,816	627,917
Diesel	66.6	1,234	275,120
Gasoline - Bulk	63.1	736	164,042
Gasoline - Service Station	34.6	199	44,399
L.P. Gas	20.0	348	77,697
Natural Gas	1.3	114	*25,396
Other (Coal, Kerosene, Wood, etc.)	4.4	12	*2,598
Motor Oils, Grease & Special Fluids	71.5	173	38,666
Farm Supplies:	83.3	1,697	378,333
Supplies Used in Production <u>16/</u>	82.2	1,531	341,424
Containers Used for Marketing	4.9	166	*36,910
Building & Fencing:	61.3	1,913	426,573
New Construction & Remodeling	21.1	1,311	292,421
Repairs & Maintenance	52.0	602	134,153
Farm & Land Improvements: <u>26/</u>	27.5	451	100,656
New Construction	10.5	282	62,812
Maintenance & Repairs	19.9	170	37,844
Total Farm Machinery: <u>17/ 18/</u>	88.6	8,746	1,950,289
Tractors	13.7	1,453	324,055
Other Machinery & Equipment <u>20/</u>	84.6	7,293	1,626,235
Self-Propelled Machinery	14.6	992	221,277
Non Self-Propelled Machinery	44.5	2,326	518,646
Livestock & Poultry Equipment <u>19/</u>	19.4	551	122,767
Machinery Accessories & Shop Equip.	4.7	20	*4,448
Repair & Replacement Parts	83.0	3,404	759,096
Seeds & Plants: <u>21/</u>	73.1	2,623	584,845
Field Crops & Small Grains	63.8	1,639	365,452
Legumes Grasses & Forages	39.8	322	71,719
Seeds & Plants for Other Crops	4.7	653	*145,543
Other Seed Related Expenses <u>22/</u>	5.5	10	2,131
Trucks & Autos: <u>23/</u>	22.3	1,198	267,098
Trucks incl Beds, Hydr Systems, etc.	15.7	1,010	225,247
Autos	8.1	188	41,851
Other Unallocated Expenses: <u>27/</u>	1.4	47	*10,424

See Footnotes, Page 56.

Production Expenditures: Corn Belt
(IL, IN, IA, MO, OH), 1990

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	57,979	25,916,429
Livestock and Poultry:	44.8	4,754	2,125,026
Cattle Purchased	29.8	3,460	1,546,599
Hogs & Pigs Purchased	16.0	1,049	468,735
Sheep & Lambs Purchased	2.4	31	*13,977
Poultry Purchased	5.6	169	*75,449
Other Livestock & Poultry Expenses 9/	3.4	45	*20,266
Feed:	70.1	6,668	2,980,780
Grains	24.5	1,109	495,920
Hays & Forages	15.9	457	*204,149
Complete Rations or Formula Feeds	27.8	2,330	1,041,686
Protein Meals or Concentrates	28.4	1,710	764,388
Supplements	23.9	860	384,447
Minerals, Salts & Additives	43.5	202	90,189
Farm Services:	98.4	15,380	6,874,775
Crop Custom Services	43.0	538	240,443
Livestock Custom Services	6.9	102	*45,796
Feeding & Grazing on a Per Head or Gain Basis 10/	-	19	*8,375
Transportation Expenses	26.2	291	130,185
Vet Supplies, Svcs, Testing & Breeding	50.5	486	217,085
Rent	46.3	10,508	4,696,896
Cash	30.0	3,047	1,361,903
Share	27.5	7,461	3,334,992
Marketing & Storage Expenses	69.9	435	194,346
Insurance	87.3	1,223	546,479
Leasing 11/	7.2	202	90,389
Misc. Farm Business Expenses 12/	92.0	668	298,565
Utilities	82.9	927	414,591
Electricity	83.0	708	316,533
Excluding Irrigation	82.8	698	311,948
For Irrigation	1.0	10	*4,585
Ag Chemicals & Sprays: 13/	73.2	2,834	1,266,618
Crop Pesticides & Chemicals	60.5	2,731	1,220,855
Livestock Sprays & Chemicals	31.4	102	45,763
Fertilizer: 14/	73.3	4,398	1,965,852
Commercial Fertilizers	67.2	4,116	1,839,710
Lime & Soil Conditioners	22.6	282	126,142
Interest:	61.0	4,143	1,851,737
Farm Real Estate	44.0	2,824	1,262,240
Operating Loans	36.6	1,319	589,497
Taxes: (Real Estate & Property)	98.7	2,242	1,002,174

See Footnotes, Page 56.

Production Expenditures: Corn Belt
(IL, IN, IA, MO, OH), 1990 (Continued)

Expenditure - Farm Share	Farms Reporting 3/	Average Per Farm 4/	Total Expenditure 7/ 8/
	Percent	Dollars	1,000 Dollars
Labor Expenses:	40.9	3,030	1,354,382
Cash Wages	38.4	2,075	927,640
Contract Labor	4.8	550	*246,068
Insurance & Retirement Plans	2.2	114	50,978
FICA & Other Compensation Taxes	9.8	191	85,388
Fringe Benefits - Cash Value	7.9	99	44,307
Fuels & Lubricants:	93.8	2,173	971,123
Diesel	63.0	1,080	482,649
Gasoline - Bulk	54.0	483	215,742
Gasoline - Service Station	38.3	148	66,340
L.P. Gas	27.1	310	138,668
Natural Gas	1.7	24	*10,917
Other (Coal, Kerosene, Wood, etc.)	3.0	12	*5,244
Motor Oils, Grease & Special Fluids	74.6	115	51,564
Farm Supplies:	81.4	981	438,391
Supplies Used in Production <u>16/</u>	81.3	891	398,471
Containers Used for Marketing	2.9	89	*39,920
Building & Fencing:	56.0	1,169	522,710
New Construction & Remodeling	22.8	740	330,863
Repairs & Maintenance	44.1	429	191,847
Farm & Land Improvements: <u>26/</u>	26.0	405	181,013
New Construction	10.7	274	122,417
Maintenance & Repairs	17.0	131	58,596
Total Farm Machinery: <u>17/ 18/</u>	88.7	6,436	2,876,794
Tractors	11.1	1,076	480,812
Other Machinery & Equipment <u>20/</u>	88.4	5,360	2,395,982
Self-Propelled Machinery	7.7	736	328,926
Non Self-Propelled Machinery	38.8	1,530	683,976
Livestock & Poultry Equipment <u>19/</u>	13.1	380	*170,023
Machinery Accessories & Shop Equip.	4.1	25	*11,091
Repair & Replacement Parts	85.5	2,689	1,201,965
Seeds & Plants: <u>21/</u>	69.9	2,504	1,119,154
Field Crops & Small Grains	57.2	2,231	997,280
Legumes Grasses & Forages	23.7	93	41,361
Seeds & Plants for Other Crops	2.8	175	*78,339
Other Seed Related Expenses <u>22/</u>	2.6	5	*2,174
Trucks & Autos: <u>23/</u>	16.7	816	364,540
Trucks incl Beds, Hydr Systems, etc.	13.6	739	330,228
Autos	3.8	77	34,313
Other Unallocated Expenses: <u>27/</u>	3.6	48	21,360

See Footnotes, Page 56.

Production Expenditures: Northern Plains
(KS, NE, ND, SD), 1990

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	95,864	18,693,464
Livestock and Poultry:	44.0	25,369	4,946,868
Cattle Purchased	35.8	24,379	4,753,860
Hogs & Pigs Purchased	9.2	793	154,693
Sheep & Lambs Purchased	4.2	74	*14,471
Poultry Purchased	3.1	74	*14,369
Other Livestock & Poultry Expenses 9/	3.9	49	*9,476
Feed:	68.9	11,361	2,215,383
Grains	30.7	4,961	*967,313
Hays & Forages	21.7	1,010	*196,867
Complete Rations or Formula Feeds	17.7	2,633	*513,384
Protein Meals or Concentrates	27.7	1,256	244,834
Supplements	18.8	930	*181,437
Minerals, Salts & Additives	53.1	572	*111,548
Farm Services:	99.8	18,724	3,651,193
Crop Custom Services	43.7	1,019	198,668
Livestock Custom Services	22.9	1,121	218,514
Feeding & Grazing on a Per Head or Gain Basis 10/	2.5	595	116,070
Transportation Expenses	26.5	320	62,446
Vet Supplies, Svcs, Testing & Breeding	54.0	752	146,600
Rent	65.1	9,901	1,930,713
Cash	47.0	3,873	755,165
Share	39.9	6,028	1,175,548
Marketing & Storage Expenses	79.8	570	111,177
Insurance	91.5	2,135	416,325
Leasing 11/	11.8	364	70,967
Misc. Farm Business Expenses 12/	94.5	954	186,098
Utilities	89.6	1,588	309,686
Electricity	84.4	1,194	232,766
Excluding Irrigation	83.1	873	170,243
For Irrigation	8.3	321	62,524
Ag Chemicals & Sprays: 13/	79.9	2,589	504,929
Crop Pesticides & Chemicals	68.2	2,456	478,963
Livestock Sprays & Chemicals	36.0	133	25,966
Fertilizer: 14/	67.0	3,966	773,317
Commercial Fertilizers	63.1	3,745	730,293
Lime & Soil Conditioners	9.4	221	43,024
Interest:	71.6	6,911	1,347,680
Farm Real Estate	50.0	4,043	788,366
Operating Loans	50.8	2,868	559,313
Taxes: (Real Estate & Property)	96.6	3,564	694,992

See Footnotes, Page 56.

Production Expenditures: Northern Plains
(KS, NE, ND, SD), 1990 (Continued)

Expenditure - Farm Share	Farms Reporting 3/	Average Per Farm 4/	Total Expenditure 7/ 8/
	Percent	Dollars	1,000 Dollars
Labor Expenses:	42.6	3,293	642,224
Cash Wages	37.8	2,538	494,983
Contract Labor	8.1	210	40,889
Insurance & Retirement Plans	2.9	175	34,140
FICA & Other Compensation Taxes	14.6	193	37,606
Fringe Benefits - Cash Value	14.1	177	34,606
Fuels & Lubricants:	95.0	4,075	794,618
Diesel	71.7	2,114	412,309
Gasoline - Bulk	66.7	1,045	203,761
Gasoline - Service Station	42.5	277	54,060
L.P. Gas	24.5	189	36,797
Natural Gas	4.4	187	*36,398
Other (Coal, Kerosene, Wood, etc.)	5.0	12	*2,361
Motor Oils, Grease & Special Fluids	80.7	251	48,934
Farm Supplies:	84.6	1,304	254,217
Supplies Used in Production <u>16/</u>	84.5	1,265	246,603
Containers Used for Marketing	1.5	39	*7,614
Building & Fencing:	59.9	1,082	210,960
New Construction & Remodeling	18.8	595	115,930
Repairs & Maintenance	53.6	487	95,031
Farm & Land Improvements: <u>26/</u>	29.7	621	121,191
New Construction	12.4	378	73,776
Maintenance & Repairs	21.1	243	47,415
Total Farm Machinery: <u>17/ 18/</u>	90.1	9,156	1,785,487
Tractors	13.7	1,980	386,138
Other Machinery & Equipment <u>20/</u>	86.9	7,176	1,399,349
Self-Propelled Machinery	11.3	1,123	218,954
Non Self-Propelled Machinery	34.9	1,844	359,631
Livestock & Poultry Equipment <u>19/</u>	14.3	274	53,393
Machinery Accessories & Shop Equip.	6.3	36	7,062
Repair & Replacement Parts	84.8	3,899	760,310
Seeds & Plants: <u>21/</u>	77.0	2,493	486,090
Field Crops & Small Grains	68.8	2,213	431,494
Legumes Grasses & Forages	19.2	167	32,626
Seeds & Plants for Other Crops	2.5	58	*11,386
Other Seed Related Expenses <u>22/</u>	18.0	54	10,585
Trucks & Autos: <u>23/</u>	27.2	1,310	255,441
Trucks incl Beds, Hydr Systems, etc.	22.2	1,131	220,601
Autos	7.2	179	34,840
Other Unallocated Expenses: <u>27/</u>	1.2	46	*8,873

See Footnotes, Page 56.

Production Expenditures: Appalachian
(KY, NC, TN, VA, WV), 1990

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	30,168	9,367,146
Livestock and Poultry:	34.8	2,905	902,146
Cattle Purchased	26.6	1,211	376,156
Hogs & Pigs Purchased	5.5	941	*292,094
Sheep & Lambs Purchased	0.8	7	*2,241
Poultry Purchased	3.8	524	*162,831
Other Livestock & Poultry Expenses 9/	2.8	222	*68,824
Feed:	75.6	4,927	1,529,879
Grains	19.9	457	*141,943
Hays & Forages	20.5	162	50,210
Complete Rations or Formula Feeds	28.7	2,876	*892,949
Protein Meals or Concentrates	18.7	589	*183,031
Supplements	18.1	638	*198,153
Minerals, Salts & Additives	62.0	205	63,593
Farm Services:	98.9	5,819	1,806,843
Crop Custom Services	31.3	264	82,039
Livestock Custom Services	8.1	29	9,041
Feeding & Grazing on a Per Head or Gain Basis 10/	-	-	*453
Transportation Expenses	14.9	171	52,952
Vet Supplies, Svcs, Testing & Breeding	43.8	351	109,124
Rent	35.3	2,362	733,529
Cash	24.6	731	226,915
Share	14.9	1,632	506,614
Marketing & Storage Expenses	65.0	696	216,069
Insurance	78.3	740	229,884
Leasing 11/	2.4	32	9,797
Misc. Farm Business Expenses 12/	91.7	597	*185,365
Utilities	70.2	577	179,043
Electricity	66.0	468	145,414
Excluding Irrigation	65.9	466	144,778
For Irrigation	0.6	2	*636
Ag Chemicals & Sprays: 13/	64.0	1,032	320,462
Crop Pesticides & Chemicals	49.8	962	298,723
Livestock Sprays & Chemicals	29.0	70	21,740
Fertilizer: 14/	77.8	1,916	594,983
Commercial Fertilizers	69.7	1,618	502,506
Lime & Soil Conditioners	35.1	298	92,477
Interest:	44.0	1,933	600,151
Farm Real Estate	34.9	1,532	475,821
Operating Loans	17.4	400	124,330
Taxes: (Real Estate & Property)	96.8	759	235,544

See Footnotes, Page 56.

Production Expenditures: Appalachian
(KY, NC, TN, VA, WV), 1990 (Continued)

Expenditure - Farm Share	Farms Reporting 3/	Average Per Farm 4/	Total Expenditure 7/ 8/
	Percent	Dollars	1,000 Dollars
Labor Expenses:	50.9	3,095	961,035
Cash Wages	46.8	2,454	762,024
Contract Labor	8.8	215	66,730
Insurance & Retirement Plans	2.0	84	26,207
FICA & Other Compensation Taxes	7.4	193	60,011
Fringe Benefits - Cash Value	12.3	148	46,063
Fuels & Lubricants:	92.2	1,339	415,830
Diesel	60.7	488	151,564
Gasoline - Bulk	19.7	150	46,546
Gasoline - Service Station	66.4	253	78,702
L.P. Gas	9.4	339	*105,337
Natural Gas	-	9	*2,862
Other (Coal, Kerosene, Wood, etc.)	7.1	19	*5,835
Motor Oils, Grease & Special Fluids	76.2	80	24,985
Farm Supplies:	75.9	746	231,602
Supplies Used in Production <u>16/</u>	75.1	586	182,008
Containers Used for Marketing	3.5	160	*49,594
Building & Fencing:	63.9	873	271,175
New Construction & Remodeling	23.7	558	173,411
Repairs & Maintenance	53.5	315	97,764
Farm & Land Improvements: <u>26/</u>	19.6	171	53,135
New Construction	7.1	79	24,640
Maintenance & Repairs	13.7	92	28,495
Total Farm Machinery: <u>17/ 18/</u>	81.1	3,166	982,978
Tractors	10.0	803	249,225
Other Machinery & Equipment <u>20/</u>	78.8	2,363	733,753
Self-Propelled Machinery	3.0	203	*63,094
Non Self-Propelled Machinery	21.8	652	202,486
Livestock & Poultry Equipment <u>19/</u>	9.9	323	*100,428
Machinery Accessories & Shop Equip.	3.5	9	*2,729
Repair & Replacement Parts	74.0	1,176	365,016
Seeds & Plants: <u>21/</u>	62.1	719	223,214
Field Crops & Small Grains	44.7	580	179,959
Legumes Grasses & Forages	22.5	87	27,143
Seeds & Plants for Other Crops	4.8	43	*13,472
Other Seed Related Expenses <u>22/</u>	2.4	9	*2,640
Trucks & Autos: <u>23/</u>	15.4	711	220,619
Trucks incl Beds, Hydr Systems, etc.	13.5	651	202,228
Autos	2.7	59	18,391
Other Unallocated Expenses: <u>27/</u>	1.3	57	*17,548

See Footnotes, Page 56.

Production Expenditures: Southeast
(AL, FL, GA, SC), 1990

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	49,537	8,000,296
Livestock and Poultry:	28.7	3,316	535,597
Cattle Purchased	20.9	2,546	411,247
Hogs & Pigs Purchased	4.2	109	*17,606
Sheep & Lambs Purchased	-	3	*462
Poultry Purchased	2.8	540	*87,234
Other Livestock & Poultry Expenses 9/	3.6	118	*19,047
Feed:	68.2	8,168	1,319,075
Grains	20.7	1,246	*201,190
Hays & Forages	32.0	211	34,139
Complete Rations or Formula Feeds	30.4	4,496	*726,102
Protein Meals or Concentrates	16.9	1,630	*263,263
Supplements	18.5	252	*40,648
Minerals, Salts & Additives	45.4	333	*53,732
Farm Services:	94.2	6,937	1,120,320
Crop Custom Services	19.8	492	79,510
Livestock Custom Services	3.3	273	*44,060
Feeding & Grazing on a Per Head or Gain Basis 10/	-	264	*42,625
Transportation Expenses	11.7	554	89,481
Vet Supplies, Svcs, Testing & Breeding	32.1	268	43,257
Rent	25.0	1,484	239,657
Cash	23.9	1,186	191,482
Share	2.7	298	48,175
Marketing & Storage Expenses	51.6	819	132,269
Insurance	65.5	1,033	166,777
Leasing 11/	2.5	218	*35,272
Misc. Farm Business Expenses 12/	84.6	841	135,870
Utilities	66.6	955	154,167
Electricity	62.1	758	122,367
Excluding Irrigation	59.3	610	98,524
For Irrigation	6.6	148	23,843
Ag Chemicals & Sprays: 13/	53.1	2,920	471,579
Crop Pesticides & Chemicals	39.1	2,728	440,509
Livestock Sprays & Chemicals	22.0	192	31,071
Fertilizer: 14/	72.2	3,663	591,613
Commercial Fertilizers	62.7	3,034	489,981
Lime & Soil Conditioners	25.4	629	101,632
Interest:	38.2	2,696	435,411
Farm Real Estate	27.0	2,156	348,149
Operating Loans	17.5	540	87,262
Taxes: (Real Estate & Property)	95.3	1,165	188,137

See Footnotes, Page 56.

Production Expenditures: Southeast
(AL, FL, GA, SC), 1990 (Continued)

Expenditure - Farm Share	Farms Reporting 3/	Average Per Farm 4/	Total Expenditure 7/ 8/
	Percent	Dollars	1,000 Dollars
Labor Expenses:	38.8	8,741	1,411,628
Cash Wages	32.8	6,436	1,039,365
Contract Labor	10.8	1,380	*222,878
Insurance & Retirement Plans	1.9	123	19,835
FICA & Other Compensation Taxes	12.0	626	101,107
Fringe Benefits - Cash Value	5.4	176	28,443
Fuels & Lubricants:	87.0	1,843	297,694
Diesel	57.8	888	143,429
Gasoline - Bulk	14.7	236	38,104
Gasoline - Service Station	57.5	303	48,911
L.P. Gas	9.6	263	42,540
Natural Gas	1.1	17	*2,791
Other (Coal, Kerosene, Wood, etc.)	1.7	13	*2,026
Motor Oils, Grease & Special Fluids	67.2	123	19,894
Farm Supplies:	61.3	1,385	*223,702
Supplies Used in Production <u>16/</u>	59.9	627	101,276
Containers Used for Marketing	8.8	758	*122,426
Building & Fencing:	54.9	1,305	210,795
New Construction & Remodeling	17.7	726	*117,218
Repairs & Maintenance	46.9	579	93,577
Farm & Land Improvements: <u>26/</u>	11.2	658	*106,195
New Construction	3.6	515	*83,195
Maintenance & Repairs	8.2	142	23,000
Total Farm Machinery: <u>17/ 18/</u>	71.5	3,927	634,170
Tractors	5.0	705	113,868
Other Machinery & Equipment <u>20/</u>	70.1	3,222	520,302
Self-Propelled Machinery	3.5	190	30,699
Non Self-Propelled Machinery	17.2	757	122,332
Livestock & Poultry Equipment <u>19/</u>	4.5	219	*35,342
Machinery Accessories & Shop Equip.	1.1	6	*1,049
Repair & Replacement Parts	67.2	2,049	330,880
Seeds & Plants: <u>21/</u>	54.0	1,726	278,705
Field Crops & Small Grains	28.0	734	118,614
Legumes Grasses & Forages	16.6	71	11,452
Seeds & Plants for Other Crops	14.2	895	*144,609
Other Seed Related Expenses <u>22/</u>	2.1	25	*4,031
Trucks & Autos: <u>23/</u>	12.1	864	139,483
Trucks incl Beds, Hydr Systems, etc.	10.2	809	130,678
Autos	2.3	55	*8,805
Other Unallocated Expenses: <u>27/</u>	3.7	224	*36,190

See Footnotes, Page 56.

Production Expenditures: Delta States
(AR, LA, MS), 1990

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	54,253	6,564,654
Livestock and Poultry:	35.7	4,040	488,853
Cattle Purchased	26.6	2,444	295,678
Hogs & Pigs Purchased	3.2	226	*27,315
Sheep & Lambs Purchased	0.5	2	*257
Poultry Purchased	4.6	1,169	*141,460
Other Livestock & Poultry Expenses 9/	2.9	200	*24,143
Feed:	75.5	11,019	1,333,269
Grains	13.6	1,383	*167,390
Hays & Forages	31.7	241	*29,183
Complete Rations or Formula Feeds	41.5	8,616	*1,042,514
Protein Meals or Concentrates	24.0	246	29,810
Supplements	16.5	265	*32,117
Minerals, Salts & Additives	53.2	267	*32,255
Farm Services:	97.0	12,506	1,513,169
Crop Custom Services	33.9	853	103,236
Livestock Custom Services	1.9	273	*33,041
Feeding & Grazing on a Per Head or Gain Basis 10/	-	263	*31,789
Transportation Expenses	18.1	1,327	*160,513
Vet Supplies, Svcs, Testing & Breeding	49.1	685	*82,853
Rent	31.4	5,051	611,149
Cash	26.0	2,047	247,720
Share	12.4	3,004	363,429
Marketing & Storage Expenses	71.2	1,082	130,901
Insurance	76.9	1,120	135,519
Leasing 11/	5.6	496	59,962
Misc. Farm Business Expenses 12/	92.1	731	88,405
Utilities	68.7	889	107,590
Electricity	64.7	665	80,465
Excluding Irrigation	63.4	487	58,924
For Irrigation	5.1	178	21,541
Ag Chemicals & Sprays: 13/	63.7	3,720	450,079
Crop Pesticides & Chemicals	34.5	3,649	441,524
Livestock Sprays & Chemicals	38.2	71	8,555
Fertilizer: 14/	67.3	2,689	325,370
Commercial Fertilizers	59.8	2,462	297,914
Lime & Soil Conditioners	19.1	227	27,456
Interest:	49.7	2,838	343,366
Farm Real Estate	34.9	1,741	210,705
Operating Loans	27.5	1,096	132,661
Taxes: (Real Estate & Property)	86.7	647	78,288

See Footnotes, Page 56.

Production Expenditures: Delta States
(AR, LA, MS), 1990 (Continued)

Expenditure - Farm Share	Farms Reporting 3/	Average Per Farm 4/	Total Expenditure 7/ 8/
	Percent	Dollars	1,000 Dollars
Labor Expenses:	40.9	4,299	520,237
Cash Wages	36.0	3,473	420,188
Contract Labor	8.0	176	21,241
Insurance & Retirement Plans	3.4	85	10,253
FICA & Other Compensation Taxes	14.0	327	39,617
Fringe Benefits - Cash Value	8.6	239	28,937
Fuels & Lubricants:	89.1	2,193	265,409
Diesel	71.3	1,316	159,193
Gasoline - Bulk	12.2	171	20,665
Gasoline - Service Station	58.5	318	38,480
L.P. Gas	15.9	162	19,603
Natural Gas	1.5	25	*3,060
Other (Coal, Kerosene, Wood, etc.)	0.3	-	*53
Motor Oils, Grease & Special Fluids	70.1	201	24,355
Farm Supplies:	73.2	762	92,179
Supplies Used in Production <u>16/</u>	72.5	665	80,471
Containers Used for Marketing	3.2	97	*11,708
Building & Fencing:	59.5	649	78,541
New Construction & Remodeling	18.4	320	38,740
Repairs & Maintenance	50.6	329	39,801
Farm & Land Improvements: <u>26/</u>	15.7	313	37,918
New Construction	7.6	175	21,220
Maintenance & Repairs	8.9	138	16,698
Total Farm Machinery: <u>17/ 18/</u>	81.2	6,098	737,865
Tractors	12.7	1,428	*172,759
Other Machinery & Equipment <u>20/</u>	80.9	4,670	565,106
Self-Propelled Machinery	7.1	1,048	*126,818
Non Self-Propelled Machinery	23.9	1,036	125,327
Livestock & Poultry Equipment <u>19/</u>	9.4	284	*34,330
Machinery Accessories & Shop Equip.	6.2	25	2,999
Repair & Replacement Parts	78.2	2,278	275,632
Seeds & Plants: <u>21/</u>	53.7	1,242	150,242
Field Crops & Small Grains	28.4	1,016	122,926
Legumes Grasses & Forages	21.8	154	*18,641
Seeds & Plants for Other Crops	3.3	51	*6,212
Other Seed Related Expenses <u>22/</u>	1.6	20	*2,463
Trucks & Autos: <u>23/</u>	18.8	1,018	123,155
Trucks incl Beds, Hydr Systems, etc.	17.7	990	119,832
Autos	1.2	27	*3,323
Other Unallocated Expenses: <u>27/</u>	7.8	221	*26,713

See Footnotes, Page 56.

Production Expenditures: Southern Plains
(OK, TX), 1990

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	42,394	10,852,793
Livestock and Poultry:	41.7	8,470	2,168,250
Cattle Purchased	35.8	7,960	2,037,854
Hogs & Pigs Purchased	3.4	41	*10,617
Sheep & Lambs Purchased	1.4	32	*8,193
Poultry Purchased	4.0	146	*37,273
Other Livestock & Poultry Expenses 9/	4.0	290	*74,312
Feed:	88.1	4,638	1,187,360
Grains	13.5	1,285	*328,993
Hays & Forages	36.5	794	203,365
Complete Rations or Formula Feeds	38.2	1,369	*350,562
Protein Meals or Concentrates	35.0	713	182,571
Supplements	15.5	173	*44,325
Minerals, Salts & Additives	64.1	303	77,546
Farm Services:	98.6	8,865	2,269,447
Crop Custom Services	41.0	1,304	333,919
Livestock Custom Services	2.4	579	*148,149
Feeding & Grazing on a Per Head or Gain Basis 10/	0.3	493	*126,128
Transportation Expenses	15.8	256	65,437
Vet Supplies, Svcs, Testing & Breeding	54.7	351	89,769
Rent	35.9	2,856	731,135
Cash	30.7	1,270	325,221
Share	9.4	1,586	405,914
Marketing & Storage Expenses	66.7	609	155,921
Insurance	72.8	1,022	261,533
Leasing 11/	3.1	118	30,145
Misc. Farm Business Expenses 12/	88.4	699	178,905
Utilities	73.6	1,072	274,534
Electricity	72.7	832	212,959
Excluding Irrigation	69.7	542	138,880
For Irrigation	6.8	289	*74,080
Ag Chemicals & Sprays: 13/	49.9	887	226,980
Crop Pesticides & Chemicals	26.2	785	200,991
Livestock Sprays & Chemicals	31.6	102	25,989
Fertilizer: 14/	58.1	1,964	502,798
Commercial Fertilizers	50.9	1,802	461,388
Lime & Soil Conditioners	9.0	162	41,410
Interest:	45.7	3,159	808,715
Farm Real Estate	32.5	1,888	483,297
Operating Loans	25.2	1,271	325,418
Taxes: (Real Estate & Property)	96.7	1,160	296,887

See Footnotes, Page 56.

Production Expenditures: Southern Plains
(OK, TX), 1990 (Continued)

Expenditure - Farm Share	Farms Reporting 3/	Average Per Farm 4/	Total Expenditure 7/ 8/
	Percent	Dollars	1,000 Dollars
Labor Expenses:	38.5	3,223	824,967
Cash Wages	29.7	2,247	575,138
Contract Labor	14.4	451	115,550
Insurance & Retirement Plans	1.4	80	20,505
FICA & Other Compensation Taxes	8.1	221	56,670
Fringe Benefits - Cash Value	6.9	223	57,104
Fuels & Lubricants:	90.5	2,075	531,279
Diesel	55.2	947	242,549
Gasoline - Bulk	19.8	263	67,215
Gasoline - Service Station	68.4	468	119,720
L.P. Gas	15.3	89	22,863
Natural Gas	2.3	180	*46,039
Other (Coal, Kerosene, Wood, etc.)	1.3	-	*79
Motor Oils, Grease & Special Fluids	73.7	128	32,814
Farm Supplies:	64.6	892	228,444
Supplies Used in Production <u>16/</u>	64.2	745	190,793
Containers Used for Marketing	2.7	147	*37,651
Building & Fencing:	61.5	771	197,364
New Construction & Remodeling	22.9	478	*122,375
Repairs & Maintenance	50.6	293	74,989
Farm & Land Improvements: <u>26/</u>	19.2	386	98,882
New Construction	8.7	240	*61,346
Maintenance & Repairs	12.5	147	37,536
Total Farm Machinery: <u>17/ 18/</u>	80.1	3,977	1,018,032
Tractors	6.3	807	206,505
Other Machinery & Equipment <u>20/</u>	81.1	3,170	811,527
Self-Propelled Machinery	3.6	363	*92,885
Non Self-Propelled Machinery	19.4	785	200,885
Livestock & Poultry Equipment <u>19/</u>	9.7	207	53,075
Machinery Accessories & Shop Equip.	3.2	30	*7,722
Repair & Replacement Parts	79.1	1,785	456,959
Seeds & Plants: <u>21/</u>	44.6	727	186,086
Field Crops & Small Grains	31.4	621	159,055
Legumes Grasses & Forages	12.4	61	15,614
Seeds & Plants for Other Crops	2.0	20	*5,019
Other Seed Related Expenses <u>22/</u>	3.5	25	*6,398
Trucks & Autos: <u>23/</u>	14.8	1,162	297,362
Trucks incl Beds, Hydr Systems, etc.	13.1	1,086	277,890
Autos	2.1	76	*19,472
Other Unallocated Expenses: <u>27/</u>	1.6	39	*9,938

See Footnotes, Page 56.

Production Expenditures: Mountain
(AZ, CO, ID, MT, NV, NM, UT, WY), 1990

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	85,065	10,114,233
Livestock and Poultry:	47.8	10,243	1,217,915
Cattle Purchased	34.6	9,174	1,090,738
Hogs & Pigs Purchased	7.4	98	*11,677
Sheep & Lambs Purchased	7.1	133	*15,822
Poultry Purchased	4.6	453	*53,880
Other Livestock & Poultry Expenses 9/	7.0	385	*45,797
Feed:	70.9	11,551	1,373,374
Grains	31.0	2,838	337,406
Hays & Forages	34.1	3,888	*462,257
Complete Rations or Formula Feeds	20.5	2,534	*301,322
Protein Meals or Concentrates	14.6	1,178	*140,062
Supplements	8.8	401	47,660
Minerals, Salts & Additives	42.8	712	*84,667
Farm Services:	99.2	19,714	2,343,992
Crop Custom Services	39.2	1,625	193,168
Livestock Custom Services	22.0	1,549	184,141
Feeding & Grazing on a Per Head or Gain Basis 10/	15.4	874	103,962
Transportation Expenses	17.0	490	58,245
Vet Supplies, Svcs, Testing & Breeding	51.8	856	101,787
Rent	38.4	5,964	709,107
Cash	30.5	2,699	320,853
Share	12.7	3,265	388,254
Marketing & Storage Expenses	61.6	1,323	*157,329
Insurance	74.4	1,896	225,382
Leasing 11/	8.6	602	*71,613
Misc. Farm Business Expenses 12/	92.7	2,581	306,911
Utilities	74.2	2,829	336,309
Electricity	73.6	2,375	282,375
Excluding Irrigation	67.2	933	110,929
For Irrigation	27.7	1,442	171,446
Ag Chemicals & Sprays: 13/	57.5	2,109	250,719
Crop Pesticides & Chemicals	38.4	1,906	226,610
Livestock Sprays & Chemicals	28.8	203	24,110
Fertilizer: 14/	42.5	3,292	391,386
Commercial Fertilizers	41.9	3,111	369,860
Lime & Soil Conditioners	6.3	181	*21,526
Interest:	61.3	7,335	872,073
Farm Real Estate	46.7	4,865	578,467
Operating Loans	35.4	2,469	293,606
Taxes: (Real Estate & Property)	94.9	1,928	229,214

See Footnotes, Page 56.

Production Expenditures: Mountain
(AZ, CO, ID, MT, NV, NM, UT, WY), 1990 (Continued)

Expenditure - Farm Share	Farms Reporting 3/	Average Per Farm 4/	Total Expenditure 7/ 8/
	Percent	Dollars	1,000 Dollars
Labor Expenses:	45.6	9,229	1,097,294
Cash Wages	38.2	6,705	797,231
Contract Labor	15.0	896	106,567
Insurance & Retirement Plans	6.6	403	47,960
FICA & Other Compensation Taxes	18.3	694	82,477
Fringe Benefits - Cash Value	12.6	530	63,059
Fuels & Lubricants:	89.8	3,566	423,997
Diesel	59.7	1,551	184,463
Gasoline - Bulk	46.2	1,001	119,069
Gasoline - Service Station	45.2	428	*50,892
L.P. Gas	16.0	153	18,149
Natural Gas	2.4	155	*18,374
Other (Coal, Kerosene, Wood, etc.)	6.3	30	*3,512
Motor Oils, Grease & Special Fluids	68.8	248	29,538
Farm Supplies:	75.7	1,996	237,294
Supplies Used in Production <u>16/</u>	75.2	1,684	200,170
Containers Used for Marketing	6.2	312	*37,123
Building & Fencing:	50.2	1,303	154,976
New Construction & Remodeling	20.6	814	96,789
Repairs & Maintenance	40.3	489	58,187
Farm & Land Improvements: <u>26/</u>	25.3	1,063	126,405
New Construction	12.3	750	89,203
Maintenance & Repairs	15.9	313	37,202
Total Farm Machinery: <u>17/ 18/</u>	79.1	8,151	969,166
Tractors	11.6	2,189	260,278
Other Machinery & Equipment <u>20/</u>	84.2	5,962	708,888
Self-Propelled Machinery	7.6	924	109,806
Non Self-Propelled Machinery	28.7	1,355	161,163
Livestock & Poultry Equipment <u>19/</u>	11.8	540	*64,216
Machinery Accessories & Shop Equip.	4.6	29	3,499
Repair & Replacement Parts	80.9	3,114	370,204
Seeds & Plants: <u>21/</u>	47.9	1,937	230,322
Field Crops & Small Grains	41.4	1,109	131,916
Legumes Grasses & Forages	21.0	348	41,341
Seeds & Plants for Other Crops	4.4	336	*39,958
Other Seed Related Expenses <u>22/</u>	6.8	144	*17,106
Trucks & Autos: <u>23/</u>	20.8	1,583	188,175
Trucks incl Beds, Hydr Systems, etc.	17.6	1,413	167,957
Autos	4.4	170	20,217
Other Unallocated Expenses: <u>27/</u>	3.6	67	7,932

See Footnotes, Page 56.

Production Expenditures: Pacific
(CA, OR, WA), 1990

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	109,582	17,368,671
Livestock and Poultry:	34.2	6,591	*1,044,700
Cattle Purchased	20.7	5,947	*942,567
Hogs & Pigs Purchased	5.2	9	*1,503
Sheep & Lambs Purchased	5.5	199	*31,494
Poultry Purchased	3.9	106	*16,757
Other Livestock & Poultry Expenses 9/	12.8	330	*52,380
Feed:	58.3	13,920	2,206,293
Grains	12.0	2,674	*423,881
Hays & Forages	37.9	5,268	835,013
Complete Rations or Formula Feeds	19.3	4,694	*743,964
Protein Meals or Concentrates	4.7	851	*134,846
Supplements	5.4	158	*25,118
Minerals, Salts & Additives	36.7	274	43,470
Farm Services:	98.2	25,155	3,987,006
Crop Custom Services	38.5	2,030	321,795
Livestock Custom Services	5.7	1,192	*188,990
Feeding & Grazing on a Per Head or Gain Basis 10/	3.1	864	*136,985
Transportation Expenses	22.3	1,155	183,041
Vet Supplies, Svcs, Testing & Breeding	43.1	933	147,834
Rent	24.5	5,748	911,096
Cash	20.6	4,138	*655,881
Share	5.8	1,610	255,214
Marketing & Storage Expenses	46.4	3,403	539,310
Insurance	72.2	2,137	338,774
Leasing 11/	11.2	675	106,942
Misc. Farm Business Expenses 12/	91.2	4,662	738,848
Utilities	75.2	3,220	510,376
Electricity	67.6	2,691	426,497
Excluding Irrigation	55.3	892	141,404
For Irrigation	34.5	1,799	285,093
Ag Chemicals & Sprays: 13/	61.7	3,044	482,472
Crop Pesticides & Chemicals	44.9	2,881	456,601
Livestock Sprays & Chemicals	23.0	163	25,871
Fertilizer: 14/	51.9	4,081	646,803
Commercial Fertilizers	50.4	2,965	469,877
Lime & Soil Conditioners	13.2	1,116	*176,927
Interest:	49.7	7,648	1,212,181
Farm Real Estate	41.4	5,397	855,356
Operating Loans	21.3	2,251	356,825
Taxes: (Real Estate & Property)	95.4	3,357	532,077

See Footnotes, Page 56.

Production Expenditures: Pacific
(CA, OR, WA), 1990 (Continued)

Expenditure - Farm Share	Farms Reporting 3/	Average Per Farm 4/	Total Expenditure 7/ 8/
	Percent	Dollars	1,000 Dollars
Labor Expenses:	49.3	25,408	4,027,127
Cash Wages	37.7	18,294	2,899,580
Contract Labor	18.4	2,773	439,523
Insurance & Retirement Plans	7.6	789	125,015
FICA & Other Compensation Taxes	25.9	2,882	456,812
Fringe Benefits - Cash Value	10.4	670	106,197
Fuels & Lubricants:	79.5	3,306	524,060
Diesel	46.9	1,562	247,628
Gasoline - Bulk	31.5	774	122,678
Gasoline - Service Station	42.5	363	57,580
L.P. Gas	8.0	133	21,060
Natural Gas	1.5	263	*41,736
Other (Coal, Kerosene, Wood, etc.)	1.9	34	*5,360
Motor Oils, Grease & Special Fluids	61.5	177	28,018
Farm Supplies:	79.6	3,932	623,144
Supplies Used in Production <u>16/</u>	78.0	1,973	312,701
Containers Used for Marketing	11.8	1,959	*310,443
Building & Fencing:	45.8	1,311	207,823
New Construction & Remodeling	18.5	821	130,142
Repairs & Maintenance	35.5	490	77,681
Farm & Land Improvements: <u>26/</u>	27.2	1,302	206,307
New Construction	11.9	845	133,931
Maintenance & Repairs	17.9	457	72,376
Total Farm Machinery: <u>17/ 18/</u>	77.5	6,603	1,046,523
Tractors	6.4	1,045	165,654
Other Machinery & Equipment <u>20/</u>	72.8	5,558	880,869
Self-Propelled Machinery	4.9	366	*57,967
Non Self-Propelled Machinery	17.3	1,276	*202,217
Livestock & Poultry Equipment <u>19/</u>	6.3	304	*48,115
Machinery Accessories & Shop Equip.	3.9	46	*7,251
Repair & Replacement Parts	69.4	3,567	565,317
Seeds & Plants: <u>21/</u>	30.4	2,605	412,884
Field Crops & Small Grains	12.9	588	*93,143
Legumes Grasses & Forages	8.7	190	*30,085
Seeds & Plants for Other Crops	16.7	1,808	*286,491
Other Seed Related Expenses <u>22/</u>	2.8	20	*3,165
Trucks & Autos: <u>23/</u>	15.2	1,273	201,761
Trucks incl Beds, Hydr Systems, etc.	13.5	1,134	179,701
Autos	2.4	139	22,060
Other Unallocated Expenses: <u>27/</u>	0.3	47	*7,510

See Footnotes, Page 56.

Expenditures by Value of Sales: Northeast
(CT, DE, ME, MD, MA, NH, NJ, NY, PA, RI, VT), 1990

Expenditure - Farm Share	Less than \$40,000	\$40,000 to \$99,999	\$100,000 and Over
	1,000 Dollars		
Total Farm Production Expenditures 8/	1,657,690	1,653,648	6,082,833
Livestock & Poultry:	*75,404	*153,246	*365,160
Cattle Purchased	*36,916	*75,210	*249,674
Hogs & Pigs Purchased	*1,850	*3,009	*24,049
Poultry Purchased	*29,062	*64,238	*83,560
Other Livestock & Poultry Expenses 9/	*7,298	*10,766	*7,840
Feed:	*205,636	*600,884	1,121,320
Grains	*8,332	*12,646	*106,719
Hays & Forages	*19,416	*20,474	42,572
Complete Rations or Formula Feeds	*165,507	*507,661	596,129
Protein Meals or Concentrates	*6,919	*26,982	241,095
Supplements	*1,987	*14,055	66,791
Minerals, Salts & Additives	3,476	*19,066	*68,013
Farm Services: 10/ 28/	207,284	208,311	960,780
Crop Custom Services	*25,063	*8,890	40,023
Livestock Custom Services	*2,501	*2,064	*8,819
Transportation	*6,134	20,250	81,794
Vet Supplies, Svcs, Testing & Breeding	16,538	23,644	135,276
Rent	*24,273	*32,207	148,419
Marketing & Storage	*7,968	21,005	*181,383
Insurance	49,199	29,596	107,775
Leasing 11/	*5,806	*5,274	*33,854
Misc. Farm Business Expense 12/	28,540	24,885	84,454
Utilities	41,261	40,497	138,983
Electricity	*33,683	33,040	117,221
Ag Chemicals & Sprays: 13/	21,499	30,683	139,565
Fertilizer: 14/	49,296	58,863	297,235
Commercial Fertilizers	32,483	*47,694	228,053
Lime & Soil Conditioners	*16,813	11,168	69,181
Interest:	164,747	114,554	285,088
Farm Real Estate	147,780	81,218	183,253
Taxes: (Real Estate & Property)	*320,346	57,783	*194,054
Labor:	70,628	88,064	1,183,895
Cash Wages	48,331	71,909	941,360
Fuels & Lubricants:	63,542	53,652	199,983
Diesel	18,692	20,530	82,298
Gasoline - Bulk	16,565	*12,421	46,699
Gasoline - Service Station	13,130	*4,470	*6,516
Farm Supplies:	41,224	42,610	211,070
Supplies Used in Production 16/	38,877	38,005	144,533
Building & Fencing:	119,544	*29,318	227,394
New Construction & Remodeling	*87,953	*20,014	*172,311
Farm & Land Improvements: 26/	*35,007	*8,384	34,935
New Construction	*25,097	*4,500	*26,322
Maintenance & Repairs	*9,911	*3,884	8,613
Total Farm Machinery: 17/ 18/ 19/ 20/	193,268	151,036	595,102
Tractors	*36,466	*20,743	92,107
Other Machinery & Equipment	156,802	130,294	502,995
Self-Propelled Machinery	*11,441	*24,935	33,125
Non Self-Propelled Machinery	*56,399	*42,591	139,899
Seeds & Plants: 21/ 22/	35,498	35,915	190,091
Trucks & Autos: 23/	53,592	*19,195	59,835
Trucks Incl Beds, Hydr Systems, etc.	*47,627	*12,703	50,101

See Footnotes, Page 56.

Expenditures by Value of Sales: Lake States
(MI, MN, WI), 1990

Expenditure - Farm Share	Less than \$40,000	\$40,000 to \$99,999	\$100,000 and Over
1,000 Dollars			
Total Farm Production Expenditures 8/	2,161,773	2,548,455	10,571,623
Livestock & Poultry:	*215,436	*167,388	594,335
Cattle Purchased	*106,019	*116,452	464,407
Hogs & Pigs Purchased	*10,423	*27,284	*62,855
Poultry Purchased	*985	*145	*49,525
Other Livestock & Poultry Expenses 9/	*96,086	*23,404	*11,892
Feed:	154,379	315,379	1,576,386
Grains	*37,078	*33,006	348,862
Hays & Forages	*29,775	*26,132	51,231
Complete Rations or Formula Feeds	*36,576	*103,485	360,608
Protein Meals or Concentrates	*29,755	104,930	618,815
Supplements	*8,193	*8,298	*115,005
Minerals, Salts & Additives	*13,002	*39,527	81,865
Farm Services: 10/ 28/	373,208	587,146	2,084,947
Crop Custom Services	23,085	33,396	94,324
Livestock Custom Services	*3,174	*8,214	*45,951
Transportation	8,347	25,190	*106,291
Vet Supplies, Svcs, Testing & Breeding	*23,115	51,973	185,163
Rent	101,879	207,811	843,931
Marketing & Storage	21,036	44,293	139,837
Insurance	77,462	72,416	253,187
Leasing 11/	*3,049	*16,623	*69,394
Misc. Farm Business Expense 12/	46,477	*51,187	134,605
Utilities	65,585	76,043	212,264
Electricity	49,677	63,774	180,044
Ag Chemicals & Sprays: 13/	47,673	99,860	455,944
Fertilizer: 14/	86,405	170,848	664,304
Commercial Fertilizers	75,511	159,577	629,612
Lime & Soil Conditioners	*10,894	*11,271	34,692
Interest:	257,135	181,292	870,885
Farm Real Estate	226,068	131,209	565,918
Taxes: (Real Estate & Property)	248,695	155,606	456,352
Labor:	*155,465	*134,716	881,932
Cash Wages	*127,519	*106,718	698,097
Fuels & Lubricants:	88,514	112,862	426,542
Diesel	31,047	48,696	195,124
Gasoline - Bulk	*37,710	34,289	92,048
Gasoline - Service Station	*11,632	*11,852	*20,625
Farm Supplies:	69,519	77,284	231,530
Supplies Used in Production 16/	64,397	70,391	206,636
Building & Fencing:	72,671	71,790	282,112
New Construction & Remodeling	*47,225	*46,727	198,468
Farm & Land Improvements: 26/	*14,416	*12,967	73,273
New Construction	*8,454	*11,165	*43,193
Maintenance & Repairs	5,962	1,802	30,080
Total Farm Machinery: 17/ 18/ 19/ 20/	235,838	320,022	1,394,429
Tractors	*54,680	*23,213	252,755
Other Machinery & Equipment	181,158	296,810	1,141,674
Self-Propelled Machinery	*29,179	*44,900	145,978
Non Self-Propelled Machinery	*51,433	*107,491	354,825
Seeds & Plants: 21/ 22/	53,222	97,942	433,681
Trucks & Autos: 23/	*88,052	*43,121	135,925
Trucks Incl Beds, Hydr Systems, etc.	*84,062	*36,649	104,535

See Footnotes, Page 56.

Expenditures by Value of Sales: Corn Belt
(IL, IN, IA, MO, OH), 1990

Expenditure - Farm Share	Less than \$40,000	\$40,000 to \$99,999	\$100,000 and Over
	1,000 Dollars		
Total Farm Production Expenditures <u>8/</u>	3,679,318	4,086,297	18,150,815
Livestock & Poultry:	*402,044	195,779	1,527,203
Cattle Purchased	*303,787	128,866	1,113,945
Hogs & Pigs Purchased	*42,726	61,815	364,194
Poultry Purchased	*33,161	*828	*41,461
Other Livestock & Poultry Expenses <u>9/</u>	*12,973	*3,997	*3,296
Feed:	408,231	410,927	2,161,623
Grains	52,212	*80,941	364,598
Hays & Forages	*39,947	*21,007	*141,643
Complete Rations or Formula Feeds	*239,205	*166,680	*618,216
Protein Meals or Concentrates	37,409	*90,798	648,340
Supplements	*25,865	33,841	330,425
Minerals, Salts & Additives	13,592	*17,659	58,401
Farm Services: <u>10/</u> <u>28/</u>	769,138	1,197,975	4,907,662
Crop Custom Services	71,541	55,310	113,593
Livestock Custom Services	*3,257	*2,873	*39,667
Transportation	13,763	20,470	95,951
Vet Supplies, Svcs, Testing & Breeding	26,994	42,903	147,188
Rent	340,359	818,596	3,537,941
Marketing & Storage	33,679	36,876	123,791
Insurance	116,715	95,058	334,706
Leasing <u>11/</u>	*4,947	*8,363	77,079
Misc. Farm Business Expense <u>12/</u>	58,465	44,817	195,283
Utilities	99,419	72,707	242,464
Electricity	77,657	49,853	189,518
Ag Chemicals & Sprays: <u>13/</u>	108,591	223,057	934,971
Fertilizer: <u>14/</u>	227,298	339,248	1,399,306
Commercial Fertilizers	200,533	323,594	1,315,552
Lime & Soil Conditioners	26,765	*15,655	83,754
Interest:	344,009	313,413	1,194,314
Farm Real Estate	265,025	225,931	771,284
Taxes: (Real Estate & Property)	216,541	184,546	601,087
Labor:	62,188	82,869	1,209,325
Cash Wages	53,187	71,546	802,907
Fuels & Lubricants:	158,416	173,885	638,822
Diesel	55,082	78,166	348,160
Gasoline - Bulk	47,988	42,857	125,567
Gasoline - Service Station	23,684	*21,238	22,125
Farm Supplies:	87,377	70,238	280,776
Supplies Used in Production <u>16/</u>	83,406	68,424	246,641
Building & Fencing:	164,787	81,507	276,418
New Construction & Remodeling	120,728	*47,672	162,464
Farm & Land Improvements: <u>26/</u>	33,749	*28,196	119,068
New Construction	*18,374	*18,458	85,585
Maintenance & Repairs	15,375	9,738	33,483
Total Farm Machinery: <u>17/</u> <u>18/</u> <u>19/</u> <u>20/</u>	482,111	497,920	1,896,763
Tractors	*133,447	*49,649	303,555
Other Machinery & Equipment	348,664	448,270	1,593,208
Self-Propelled Machinery	*46,792	*36,508	246,162
Non Self-Propelled Machinery	*113,043	131,230	438,858
Seeds & Plants: <u>21/</u> <u>22/</u>	113,830	200,031	805,293
Trucks & Autos: <u>23/</u>	*97,847	80,546	186,147
Trucks Incl Beds, Hydr Systems, etc.	*87,264	72,916	170,047

See Footnotes, Page 56.

Expenditures by Value of Sales: Northern Plains
(KS, NE, ND, SD), 1990

Expenditure - Farm Share	Less than \$40,000	\$40,000 to \$99,999	\$100,000 and Over
1,000 Dollars			
Total Farm Production Expenditures <u>8/</u>	1,265,644	3,209,172	14,218,649
Livestock & Poultry:	70,838	*403,047	4,472,983
Cattle Purchased	65,507	*384,875	4,303,478
Hogs & Pigs Purchased	*2,529	12,763	139,401
Poultry Purchased	*82	*137	*14,150
Other Livestock & Poultry Expenses <u>9/</u>	*791	*3,361	*5,324
Feed:	86,232	*285,783	1,843,367
Grains	*29,674	34,712	*943,687
Hays & Forages	10,138	*24,430	*162,435
Complete Rations or Formula Feeds	*28,501	*157,015	*286,726
Protein Meals or Concentrates	*7,094	39,931	194,404
Supplements	*5,463	*19,090	*158,980
Minerals, Salts & Additives	5,362	10,604	*97,135
Farm Services: <u>10/ 28/</u>	329,046	808,783	2,513,364
Crop Custom Services	31,125	42,322	125,220
Livestock Custom Services	*7,582	25,486	185,446
Transportation	3,277	12,185	46,984
Vet Supplies, Svcs, Testing & Breeding	8,329	22,038	116,232
Rent	161,088	439,620	1,330,005
Marketing & Storage	9,332	24,914	76,931
Insurance	43,003	103,109	270,214
Leasing <u>11/</u>	*2,946	*20,159	47,862
Misc. Farm Business Expense <u>12/</u>	22,360	45,023	118,715
Utilities	40,003	73,927	195,756
Electricity	26,400	52,969	155,123
Ag Chemicals & Sprays: <u>13/</u>	28,601	120,604	355,724
Fertilizer: <u>14/</u>	51,869	162,660	558,788
Commercial Fertilizers	45,603	153,041	533,463
Lime & Soil Conditioners	*6,265	*9,620	*25,325
Interest:	150,967	305,856	890,857
Farm Real Estate	121,938	205,691	460,737
Taxes: (Real Estate & Property)	113,902	175,602	405,488
Labor:	*38,271	62,758	541,195
Cash Wages	*32,159	44,680	418,144
Fuels & Lubricants:	80,846	208,381	505,391
Diesel	31,164	105,958	277,134
Gasoline - Bulk	23,265	62,365	115,649
Gasoline - Service Station	14,711	17,453	19,889
Farm Supplies:	30,375	71,463	152,379
Supplies Used in Production <u>16/</u>	28,816	71,224	146,563
Building & Fencing:	33,302	32,172	145,487
New Construction & Remodeling	*17,943	15,818	82,169
Farm & Land Improvements: <u>26/</u>	11,621	*16,444	93,126
New Construction	*7,522	*10,909	*55,345
Maintenance & Repairs	*4,099	*5,535	*37,781
Total Farm Machinery: <u>17/ 18/ 19/ 20/</u>	160,277	391,810	1,233,399
Tractors	*53,352	*75,109	254,179
Other Machinery & Equipment	106,926	316,701	979,220
Self-Propelled Machinery	*3,283	*36,467	*184,341
Non Self-Propelled Machinery	*33,535	67,903	259,032
Seeds & Plants: <u>21/ 22/</u>	36,490	97,718	351,882
Trucks & Autos: <u>23/</u>	42,940	65,281	147,219
Trucks Incl Beds, Hydr Systems, etc.	35,018	58,781	126,802

See Footnotes, Page 56.

Expenditures by Value of Sales: Appalachian
(KY, NC, TN, VA, WV), 1990

Expenditure - Farm Share	Less than \$40,000	\$40,000 to \$99,999	\$100,000 and Over
1,000 Dollars			
Total Farm Production Expenditures 8/	2,535,367	1,874,334	4,957,444
Livestock & Poultry:	161,637	302,509	438,001
Cattle Purchased	111,370	*106,489	*158,297
Hogs & Pigs Purchased	*11,101	*121,162	*159,831
Poultry Purchased	*33,933	*69,597	*59,301
Other Livestock & Poultry Expenses 9/	*4,539	*4,047	*60,238
Feed:	270,924	*448,781	810,174
Grains	24,025	*11,503	*106,770
Hays & Forages	*26,661	*5,106	*17,791
Complete Rations or Formula Feeds	*166,715	*402,391	*322,045
Protein Meals or Concentrates	*11,484	*10,060	*162,818
Supplements	*25,323	*14,320	*159,370
Minerals, Salts & Additives	16,715	*5,403	*41,380
Farm Services: 10/ 28/	491,340	298,387	1,017,115
Crop Custom Services	44,184	7,897	29,958
Livestock Custom Services	3,968	*1,827	*3,246
Transportation	*9,606	*20,287	23,059
Vet Supplies, Svcs, Testing & Breeding	24,747	23,300	*61,077
Rent	160,693	129,497	443,340
Marketing & Storage	50,122	34,086	131,861
Insurance	89,394	33,128	107,363
Leasing 11/	*762	*2,473	*6,562
Misc. Farm Business Expense 12/	41,043	17,050	*127,271
Utilities	66,822	28,841	83,379
Electricity	49,468	24,855	70,248
Ag Chemicals & Sprays: 13/	49,560	46,129	224,774
Fertilizer: 14/	179,977	103,021	311,986
Commercial Fertilizers	142,568	88,423	272,505
Lime & Soil Conditioners	37,409	*14,597	39,481
Interest:	286,377	96,162	217,612
Farm Real Estate	254,718	74,546	146,557
Taxes: (Real Estate & Property)	136,812	32,068	66,664
Labor:	133,622	131,565	695,848
Cash Wages	102,426	102,850	556,747
Fuels & Lubricants:	118,602	75,360	221,868
Diesel	42,292	25,747	83,648
Gasoline - Bulk	13,016	*8,187	25,372
Gasoline - Service Station	38,696	*16,156	*22,345
Farm Supplies:	70,988	32,859	127,756
Supplies Used in Production 16/	67,982	30,402	83,624
Building & Fencing:	127,178	*45,486	98,510
New Construction & Remodeling	74,996	*30,350	68,063
Farm & Land Improvements: 26/	26,278	*8,393	*18,464
New Construction	*12,921	*4,808	*6,911
Maintenance & Repairs	13,357	*3,584	*11,553
Total Farm Machinery: 17/ 18/ 19/ 20/	305,470	178,887	498,621
Tractors	*74,023	*61,856	*114,717
Other Machinery & Equipment	231,447	117,031	383,905
Self-Propelled Machinery	*11,507	*12,909	*38,698
Non Self-Propelled Machinery	82,057	*24,118	*95,462
Seeds & Plants: 21/ 22/	45,941	35,347	141,925
Trucks & Autos: 23/	129,660	*35,425	55,534
Trucks Incl Beds, Hydr Systems, etc.	121,824	*33,883	46,520

See Footnotes, Page 56.

Expenditures by Value of Sales: Southeast
(AL, FL, GA, SC), 1990

Expenditure - Farm Share	Less than \$40,000	\$40,000 to \$99,999	\$100,000 and Over
1,000 Dollars			
Total Farm Production Expenditures 8/	1,376,478	834,850	5,788,969
Livestock & Poultry:	109,520	*52,798	*373,279
Cattle Purchased	76,547	*38,346	*296,354
Hogs & Pigs Purchased	*4,122	*8,060	*5,425
Poultry Purchased	*24,921	*6,025	*56,289
Other Livestock & Poultry Expenses 9/	*3,724	*367	*14,956
Feed:	*241,795	*114,354	962,926
Grains	*20,940	*8,661	*171,537
Hays & Forages	33,797	*899	*7,675
Complete Rations or Formula Feeds	*143,846	*97,727	*470,931
Protein Meals or Concentrates	11,483	*3,266	*248,060
Supplements	12,462	*2,800	*27,049
Minerals, Salts & Additives	*19,266	*1,001	*37,674
Farm Services: 10/ 28/	185,826	130,388	804,105
Crop Custom Services	*26,531	*12,143	40,835
Livestock Custom Services	*1,043	*97	*42,919
Transportation	*4,482	*2,804	82,195
Vet Supplies, Svcs, Testing & Breeding	8,046	*4,335	30,876
Rent	30,628	*49,250	159,779
Marketing & Storage	11,125	10,190	110,953
Insurance	43,522	20,654	102,601
Leasing 11/	*1,125	*1,068	*33,079
Misc. Farm Business Expense 12/	18,919	*12,129	104,822
Utilities	40,404	17,717	96,046
Electricity	30,017	*14,550	77,832
Ag Chemicals & Sprays: 13/	38,328	*64,130	*369,122
Fertilizer: 14/	110,153	86,926	394,534
Commercial Fertilizers	91,109	*73,694	325,056
Lime & Soil Conditioners	19,045	*13,232	69,477
Interest:	111,832	72,135	251,444
Farm Real Estate	97,219	*57,484	*193,446
Taxes: (Real Estate & Property)	70,982	*24,894	92,261
Labor:	74,710	60,400	1,276,518
Cash Wages	54,757	37,639	946,969
Fuels & Lubricants:	57,697	44,757	195,240
Diesel	22,933	16,927	106,116
Gasoline - Bulk	4,905	*3,009	31,538
Gasoline - Service Station	19,631	*8,602	16,536
Farm Supplies:	26,994	13,298	*183,410
Supplies Used in Production 16/	22,623	10,646	68,007
Building & Fencing:	*77,360	*19,812	*113,624
New Construction & Remodeling	*46,232	*13,205	*57,782
Farm & Land Improvements: 26/	9,500	*10,049	*86,645
New Construction	*5,222	*7,391	*70,582
Maintenance & Repairs	*4,279	*2,658	*16,063
Total Farm Machinery: 17/ 18/ 19/ 20/	179,413	81,876	372,880
Tractors	*52,127	*11,776	*51,851
Other Machinery & Equipment	127,286	*70,101	321,029
Self-Propelled Machinery	*4,967	*4,277	*21,171
Non Self-Propelled Machinery	*30,135	*24,745	64,624
Seeds & Plants: 21/ 22/	39,188	33,367	206,151
Trucks & Autos: 23/	41,012	*19,588	*78,882
Trucks Incl Beds, Hydr Systems, etc.	*36,780	*18,717	*75,181

See Footnotes, Page 56.

Expenditures by Value of Sales: Delta States
(AR, LA, MS), 1990

Expenditure - Farm Share	Less than \$40,000	\$40,000 to \$99,999	\$100,000 and Over
	1,000 Dollars		
Total Farm Production Expenditures 8/	942,700	765,694	4,856,260
Livestock & Poultry:	95,991	*54,352	*338,509
Cattle Purchased	89,811	*33,973	*171,894
Hogs & Pigs Purchased	*948	*1,539	*24,828
Poultry Purchased	*3,843	*13,614	*124,003
Other Livestock & Poultry Expenses 9/	*1,131	*5,227	*17,785
Feed:	146,952	*135,987	*1,050,330
Grains	*31,164	*60,350	*75,579
Hays & Forages	10,740	*14,569	*1,790
Complete Rations or Formula Feeds	*86,973	*34,609	*924,764
Protein Meals or Concentrates	8,120	*12,503	*8,122
Supplements	*3,688	*10,559	*18,790
Minerals, Salts & Additives	6,267	*3,397	*21,286
Farm Services: 10/ 28/	169,907	149,064	1,194,199
Crop Custom Services	18,592	*11,618	73,026
Livestock Custom Services	*578	-	*32,463
Transportation	*4,325	*8,449	*147,739
Vet Supplies, Svcs, Testing & Breeding	9,992	*6,400	*66,461
Rent	35,230	46,452	529,468
Marketing & Storage	25,914	*29,110	75,877
Insurance	31,104	17,489	86,926
Leasing 11/	*1,325	*816	57,821
Misc. Farm Business Expense 12/	*21,249	*7,688	*59,468
Utilities	21,597	*21,043	64,950
Electricity	*16,376	*14,286	49,396
Ag Chemicals & Sprays: 13/	26,894	31,307	391,878
Fertilizer: 14/	51,794	31,963	241,614
Commercial Fertilizers	45,460	29,591	222,892
Lime & Soil Conditioners	6,334	*2,372	*18,721
Interest:	80,000	42,913	220,454
Farm Real Estate	57,658	27,659	125,388
Taxes: (Real Estate & Property)	30,349	8,410	39,530
Labor:	36,800	*84,735	398,702
Cash Wages	30,334	*69,850	320,005
Fuels & Lubricants:	46,984	30,186	188,240
Diesel	20,282	*13,889	124,363
Gasoline - Bulk	*2,116	*4,093	14,816
Gasoline - Service Station	16,534	5,825	16,222
Farm Supplies:	21,982	*20,423	49,775
Supplies Used in Production 16/	21,260	*15,606	43,605
Building & Fencing:	27,302	*24,395	26,843
New Construction & Remodeling	14,200	*7,613	*16,926
Farm & Land Improvements: 26/	*6,021	*4,957	26,940
New Construction	*4,935	*593	15,691
Maintenance & Repairs	1,086	*4,363	11,249
Total Farm Machinery: 17/ 18/ 19/ 20/	121,196	100,211	516,457
Tractors	*44,041	*11,653	*110,980
Other Machinery & Equipment	77,155	*88,558	405,477
Self-Propelled Machinery	*1,802	*2,411	*121,818
Non Self-Propelled Machinery	20,249	*22,436	84,221
Seeds & Plants: 21/ 22/	23,624	18,630	107,988
Trucks & Autos: 23/	47,411	*25,288	50,456
Trucks Incl Beds, Hydr Systems, etc.	46,035	*25,009	48,788

See Footnotes, Page 56.

Expenditures by Value of Sales: Southern Plains
(OK, TX), 1990

Expenditure - Farm Share	Less than \$40,000	\$40,000 to \$99,999	\$100,000 and Over
1,000 Dollars			
Total Farm Production Expenditures 8/	2,704,723	1,593,582	6,554,487
Livestock & Poultry:	260,281	168,585	1,739,384
Cattle Purchased	220,903	*147,184	1,669,768
Hogs & Pigs Purchased	*4,408	*263	*5,946
Poultry Purchased	*8,316	*17,024	*11,934
Other Livestock & Poultry Expenses 9/	*23,322	*1,672	*49,317
Feed:	319,530	89,738	778,093
Grains	*15,812	*10,247	*297,835
Hays & Forages	72,304	*9,134	*121,749
Complete Rations or Formula Feeds	*144,638	*20,223	*186,863
Protein Meals or Concentrates	44,359	*33,462	*107,393
Supplements	13,067	*6,668	*25,115
Minerals, Salts & Additives	29,351	*10,004	*39,138
Farm Services: 10/ 28/	530,281	389,924	1,349,242
Crop Custom Services	74,081	56,535	203,302
Livestock Custom Services	*4,493	*386	*143,270
Transportation	*10,999	*8,001	*46,436
Vet Supplies, Svcs, Testing & Breeding	31,992	11,816	45,961
Rent	99,871	165,807	465,458
Marketing & Storage	30,827	25,793	99,302
Insurance	95,665	39,923	125,945
Leasing 11/	*2,194	*9,578	*18,373
Misc. Farm Business Expense 12/	68,583	20,895	89,427
Utilities	111,577	*51,189	111,767
Electricity	81,319	36,670	*92,369
Ag Chemicals & Sprays: 13/	24,251	35,790	166,939
Fertilizer: 14/	129,900	91,294	281,605
Commercial Fertilizers	116,508	*79,995	264,279
Lime & Soil Conditioners	*13,391	*11,299	*17,326
Interest:	292,289	149,088	367,339
Farm Real Estate	215,190	93,260	174,847
Taxes: (Real Estate & Property)	159,648	39,806	97,433
Labor:	115,095	119,142	590,729
Cash Wages	74,788	78,038	422,313
Fuels & Lubricants:	158,040	94,271	278,968
Diesel	53,289	48,055	142,540
Gasoline - Bulk	11,512	*13,056	43,204
Gasoline - Service Station	72,914	*16,460	27,905
Farm Supplies:	68,061	43,428	*116,955
Supplies Used in Production 16/	67,386	42,948	80,459
Building & Fencing:	100,575	*54,195	42,594
New Construction & Remodeling	54,310	*46,480	*21,584
Farm & Land Improvements: 26/	36,570	*19,022	*43,290
New Construction	20,085	*9,128	*32,133
Maintenance & Repairs	*16,485	*9,894	*11,158
Total Farm Machinery: 17/ 18/ 19/ 20/	301,168	222,999	493,865
Tractors	*71,738	*50,781	*85,372
Other Machinery & Equipment	229,431	172,218	408,493
Self-Propelled Machinery	*7,997	*26,939	*60,866
Non Self-Propelled Machinery	*71,918	*36,229	89,714
Seeds & Plants: 21/ 22/	41,437	37,377	107,272
Trucks & Autos: 23/	166,489	38,760	92,113
Trucks Incl Beds, Hydr Systems, etc.	154,901	36,541	86,449

See Footnotes, Page 56.

Expenditures by Value of Sales: Mountain
(AZ, CO, ID, MT, NV, NM, UT, WY), 1990

Expenditure - Farm Share	Less than \$40,000	\$40,000 to \$99,999	\$100,000 and Over
1,000 Dollars			
Total Farm Production Expenditures <u>8/</u>	1,074,643	1,185,472	7,854,119
Livestock & Poultry:	*130,218	*103,190	984,507
Cattle Purchased	*116,068	*71,740	902,931
Hogs & Pigs Purchased	*2,985	*2,006	*6,686
Poultry Purchased	*272	*330	*53,278
Other Livestock & Poultry Expenses <u>9/</u>	*7,009	*27,835	*10,953
Feed:	82,272	90,511	1,200,591
Grains	*14,194	*9,376	*315,432
Hays & Forages	30,931	*45,709	*383,227
Complete Rations or Formula Feeds	*20,930	*16,251	*265,172
Protein Meals or Concentrates	*8,264	*13,063	*118,014
Supplements	*2,027	*2,221	43,476
Minerals, Salts & Additives	5,926	*3,890	*75,271
Farm Services: <u>10/ 28/</u>	248,731	292,141	1,803,120
Crop Custom Services	25,347	16,022	151,799
Livestock Custom Services	*21,239	*32,201	130,701
Transportation	3,419	5,224	49,602
Vet Supplies, Svcs, Testing & Breeding	13,196	10,658	77,933
Rent	54,022	101,842	553,243
Marketing & Storage	8,914	11,805	*136,609
Insurance	36,624	33,201	155,557
Leasing <u>11/</u>	*1,562	*2,787	*67,263
Misc. Farm Business Expense <u>12/</u>	44,840	36,149	225,922
Utilities	39,567	42,253	254,489
Electricity	31,275	*32,407	218,531
Ag Chemicals & Sprays: <u>13/</u>	14,997	23,951	211,771
Fertilizer: <u>14/</u>	24,666	49,064	317,656
Commercial Fertilizers	21,620	*47,851	300,979
Lime & Soil Conditioners	*3,046	*1,213	*16,676
Interest:	151,223	121,115	599,735
Farm Real Estate	131,219	92,153	355,095
Taxes: (Real Estate & Property)	53,266	35,437	140,510
Labor:	49,894	*93,815	953,585
Cash Wages	37,190	55,578	704,463
Fuels & Lubricants:	65,773	65,493	292,731
Diesel	21,164	29,459	135,445
Gasoline - Bulk	20,110	*20,894	77,969
Gasoline - Service Station	15,160	*7,074	*27,109
Farm Supplies:	31,795	30,919	174,579
Supplies Used in Production <u>16/</u>	30,845	30,405	138,921
Building & Fencing:	*37,150	12,375	105,451
New Construction & Remodeling	*26,546	6,166	64,077
Farm & Land Improvements: <u>26/</u>	17,880	*23,934	84,591
New Construction	*11,241	*19,398	58,564
Maintenance & Repairs	*6,638	*4,536	26,028
Total Farm Machinery: <u>17/ 18/ 19/ 20/</u>	119,191	163,370	686,605
Tractors	*19,408	*38,679	*201,914
Other Machinery & Equipment	99,783	124,691	484,692
Self-Propelled Machinery	*11,728	*10,239	*85,144
Non Self-Propelled Machinery	*23,429	*37,808	103,231
Seeds & Plants: <u>21/ 22/</u>	15,498	26,496	188,328
Trucks & Autos: <u>23/</u>	31,291	*53,282	103,602
Trucks Incl Beds, Hydr Systems, etc.	23,697	*48,405	95,856

See Footnotes, Page 56.

Expenditures by Value of Sales: Pacific
(CA, OR, WA), 1990

Expenditure - Farm Share	Less than \$40,000	\$40,000 to \$99,999	\$100,000 and Over
1,000 Dollars			
Total Farm Production Expenditures 8/	1,785,789	950,371	14,632,512
Livestock & Poultry:	*109,851	*38,226	*896,623
Cattle Purchased	*75,569	*32,498	*834,500
Hogs & Pigs Purchased	*1,166	*5	*333
Poultry Purchased	*128	*511	*16,118
Other Livestock & Poultry Expenses 9/	*26,115	*3,583	*22,682
Feed:	175,079	*43,174	1,988,040
Grains	*13,019	*1,037	*405,844
Hays & Forages	*137,832	*25,849	*682,817
Complete Rations or Formula Feeds	*14,426	*12,974	*710,053
Protein Meals or Concentrates	*1,245	*407	*131,532
Supplements	*974	*868	*23,189
Minerals, Salts & Additives	*7,583	*2,040	*34,606
Farm Services: 10/ 28/	447,275	235,836	3,303,894
Crop Custom Services	32,860	*24,158	264,777
Livestock Custom Services	*14,979	*7,219	*166,791
Transportation	*9,036	*9,209	164,796
Vet Supplies, Svcs, Testing & Breeding	*41,530	*5,325	100,979
Rent	*55,189	*36,658	819,248
Marketing & Storage	29,910	43,117	466,283
Insurance	58,510	31,825	248,438
Leasing 11/	*6,179	*4,901	95,862
Misc. Farm Business Expense 12/	*118,194	40,209	580,446
Utilities	*80,887	33,215	396,274
Electricity	44,296	28,821	349,714
Ag Chemicals & Sprays: 13/	20,172	32,136	430,164
Fertilizer: 14/	30,799	38,918	577,087
Commercial Fertilizers	*26,476	30,873	412,644
Lime & Soil Conditioners	4,322	*8,045	*164,443
Interest:	284,733	87,835	839,613
Farm Real Estate	258,389	63,340	533,627
Taxes: (Real Estate & Property)	*208,316	48,623	275,138
Labor:	*167,119	183,833	3,676,176
Cash Wages	*109,635	107,644	2,682,301
Fuels & Lubricants:	52,772	41,871	429,418
Diesel	*15,518	*22,287	209,061
Gasoline - Bulk	10,683	13,689	97,477
Gasoline - Service Station	20,502	*2,627	*35,250
Farm Supplies:	31,779	26,269	565,096
Supplies Used in Production 16/	28,726	22,165	261,810
Building & Fencing:	55,606	*25,254	126,963
New Construction & Remodeling	37,396	*13,307	*79,441
Farm & Land Improvements: 26/	29,123	*23,821	153,362
New Construction	*12,498	*15,583	*105,850
Maintenance & Repairs	*16,626	*8,238	47,512
Total Farm Machinery: 17/ 18/ 19/ 20/	103,644	77,279	865,599
Tractors	*14,932	*3,022	*148,239
Other Machinery & Equipment	88,712	*74,257	717,360
Self-Propelled Machinery	*6,139	*7,488	*44,121
Non Self-Propelled Machinery	*21,295	*10,200	*171,555
Seeds & Plants: 21/ 22/	13,682	*22,514	376,688
Trucks & Autos: 23/	55,839	*23,930	121,991
Trucks Incl Beds, Hydr Systems, etc.	*53,360	*21,038	105,303

See Footnotes, Page 56.

Gallons of Fuel Purchased for Use on Farm, By Region and
United States, 1989 and 1990 2/ 24/

Region <u>1/</u>	Diesel Fuel		Gasoline Delivered Bulk		Gasoline Purchased at Station	
	1989	1990	1989	1990	1989	1990
	1,000 Gallons					
Northeast	99,826	126,140	51,620	69,465	23,828	21,723
Lake States	232,480	316,807	125,691	166,023	22,365	41,100
Corn Belt	474,755	549,545	188,306	217,610	48,274	67,322
Northern Plains	507,730	440,971	158,451	171,650	60,052	44,599
Appalachian	165,762	163,771	49,709	42,863	63,206	70,634
Southeast	179,887	125,552	43,390	29,600	36,511	36,375
Delta States	172,657	217,080	22,260	22,261	28,388	39,645
Southern Plains	266,197	297,925	54,899	68,312	104,483	112,783
Mountain	171,959	216,269	105,753	117,594	22,916	48,041
Pacific	188,379	242,868	80,008	101,449	38,065	45,222
United States <u>2/</u>	2,459,631	2,696,928	880,086	1,006,828	448,086	527,444

See footnotes, page 56.

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 purchases 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: AR, FL, GA, SC;
Delta: AK, 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 in Number of Farms & Land in Farms.
- 5/ Coefficient of variation (C.V.): provides 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, changes are 2 out of 3 that the survey value would be between 95 and 105 percent of the population 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, and leasing of livestock).

-- Continued)

Footnotes (Continued)

- 10/ Includes custom feeding of livestock on a per head or gain basis and grazing fees for livestock.
- 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. Includes, beginning in 1990, power farm shop equipment and motor supplies.
- 17/ Includes repair & maintenance of livestock & poultry equipment and motor supplies.
- 18/ Includes other motor vehicles purchased beginning in 1990.
- 19/ Includes purchase of capital equipment for livestock & poultry.
- 20/ Excludes power farm shop equipment beginning in 1990.
- 21/ Excludes bedding plants, nursery stock, 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 dwelling.
- 26/ Includes drainage and soil conservation.
- 27/ Includes non-itemized expenses such as purchases of payment-in-kind (PIK) certificates and other miscellaneous operation expenses.
- 28/ Includes veterinary supplies.
- 29/ Includes other crop and livestock insurance.

Estimating Procedures and Reliability

Survey Procedures: The farm production expenditure information contained in this publication is the result of a sample survey of over 24,000 farms and ranches contacted in February and March of 1991. The 1990 Farm Costs and Returns Survey 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 were followed to assure that an operation is included only once. The area frame represents farms 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.

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.

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 the survey year whether or not payment was made in that year. Any reported interest expenses paid by the landlord is included in other unallocated expenses.

It is not feasible to have a questionnaire that obtains 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. 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 1990 are directly comparable with 1989 data with one exception. Farm shop power equipment expenses in 1990 are summarized with farm supplies rather than other machinery and equipment. The 1990 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 definition is different from 1986 and earlier survey years where the population was "any establishments that produced or sold at least \$1,000 worth of agricultural products or spent at least \$1,000 for producing agricultural products". The change in 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 Sector" 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 several cancel within the farm sector. An example is expenses incurred for custom services performed by a farm establishment such as a feedlot. In addition, there are some other conceptual and definitional differences.

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