

Farm Production Expenditures



United States
Department of
Agriculture

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Production Expenditures down 1.3 Percent

U.S. farm production expenditures totaled \$129.8 billion in 1991, down 1.3 percent from \$131.6 billion in 1990. Expenditures were lower for all major categories except for farm services, fertilizer, ag chemicals, seeds, and farm supplies. Farm services, including rent, the largest 1991 expenditure by farms at \$28.7 billion, accounted for 22 percent of the Nation's production expenses. Expenditures for farm services increased 2.6 percent from 1990. Feed expenses in 1991 totaled \$17.3 billion and accounted for 13 percent of the U.S. total.

Average expenditures per U.S. farm in 1991 were \$61,826, an increase of \$294 from a year earlier. On the average, farm operations in 1991 spent \$13,675 for farm services, including rent; \$8,244 for feed; \$8,296 for seeds, fertilizer, and chemicals; \$6,534 for livestock; and \$6,260 for labor.

Large farm (sales of \$100,000 or greater) expenditures averaged \$320,541, and accounted for 71 percent of the U.S. total. Purchases of farm services, feed, labor, and livestock & poultry were major expenses (59 percent of the total) for operations with sales of at least \$100,000. The large farms spent an average of \$71,757 annually for farm services, \$40,649 for feed, \$40,098 for labor, and \$36,220 for livestock and poultry purchased.

Medium-sized farm (sales of \$40,000-\$99,999) expenses averaged \$83,809 for 1991 and accounted for 15 percent of the U.S. total. Leading expenditures were farm services, feed, and farm machinery.

Small farm (sales less than \$40,000) expenditures averaged \$15,705 and accounted for 14 percent of the Nation's production expenses. The three leading expenditure categories for small farms were farm services, feed, and farm machinery.

For information call (202) 720-4214. Office hours are 8:00 a.m. to 4:30 p.m. ET.

Farm Production Expenditures, United States 2/ 1990 and 1991

Expenditure - Farm Share	United States			
	Farms Rptg 3/		Avg per Farm 4/	
	1990	1991	1990	1991
	--- Percent ---		---- Dollars ----	
Total Expenditures <u>6/</u>	100.0	100.0	61,532	61,826
Livestock & Poultry	39.9	38.7	7,016	6,534
Cattle Purchased	28.8	28.8	5,848	5,217
Hogs & Pigs Purchased	8.1	8.6	521	641
Poultry Purchased	4.7	4.1	382	455
Other Livestock & Poultry <u>7/</u>	4.9	4.0	221	148
Feed	72.1	70.6	8,475	8,244
Grains	21.0	19.6	1,735	1,602
Hays & Forages	25.1	27.1	1,101	920
Complete Ration/Formula Feed	28.6	29.0	3,688	3,304
Protein Meals or Conc.	24.4	23.5	1,455	1,492
Supplements	16.1	16.7	585	530
Minerals, Salts & Additives	49.4	49.6	382	396
Farm Services <u>8/ 9/</u>	97.8	97.2	13,091	13,675
Crop Custom Services	37.7	37.1	831	1,017
Livestock Custom Services	9.3	8.3	441	240
Transportation	22.6	22.7	491	581
Vet Supplies, Svcs, Etc.	49.2	48.3	643	622
Rent	39.3	37.9	5,576	5,761
Marketing & Storage <u>10/</u>	63.4	69.6	960	986
Insurance	79.6	78.8	1,361	1,449
Leasing <u>11/</u>	6.9	7.4	285	274
Misc. Farm Business <u>12/</u>	90.3	88.1	1,164	1,240
Utilities	77.3	75.1	1,338	1,361
Electricity	74.6	68.4	1,092	1,106
Ag Chemicals & Sprays <u>13/</u>	64.8	68.3	2,231	2,669
Fertilizer <u>14/</u>	66.7	65.9	3,330	3,547
Commercial Fertilizer	60.5	62.4	2,970	3,320
Interest	54.7	50.8	4,371	4,257
Farm Real Estate	41.1	37.7	2,964	2,663
Operating Loans	29.9	29.9	1,407	1,594
Taxes (Property & Real Estate)	96.5	95.1	2,194	2,145
Labor	43.7	42.5	6,246	6,260
Cash Wages	38.6	36.9	4,635	4,566
Fuels & Lubricants	91.0	89.0	2,418	2,352
Diesel	61.4	61.4	1,172	1,115
Gasoline - Bulk	39.2	38.4	519	469
Gasoline - Service Station	49.2	46.1	292	247
Farm Supplies	76.8	75.9	1,404	1,485
Supplies Used in Prod. <u>15/</u>	76.0	74.6	1,064	1,052
Containers Used for Marketing	4.9	5.3	340	433
Building & Fencing	58.3	55.9	1,243	1,196
New Construction & Remodeling	21.5	19.3	794	781
Farm & Land Improvements	22.9	22.2	519	519
New Construction	9.5	8.9	341	330
Farm Machinery <u>16/ 17/ 18/ 19/</u>	83.2	81.9	6,053	5,796
Seeds & Plants <u>20/ 21/</u>	59.6	58.2	1,840	2,081
Trucks & Autos <u>22/</u>	17.7	16.6	1,024	940
Trucks incl. Beds, Hydraulic systems, etc.	14.6	13.9	919	824

See footnotes on page 9.

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Farm Production Expenditures, United States 2/ 1990 and 1991 (continued)

Expenditure - Farm Share	United States	
	Total Expenditures <u>5/</u>	
	1990	1991
	1,000 Dollars	
Total Expenditures <u>6/</u>	131,553,710	129,798,213
Livestock & Poultry	15,000,324	13,716,536
Cattle Purchased	12,503,379	10,951,860
Hogs & Pigs Purchased	1,113,710	1,345,179
Poultry Purchased	816,768	955,555
Other Livestock & Poultry <u>7/</u>	471,531	310,753
Feed	18,119,397	17,307,005
Grains	3,514,889	3,362,368
Hays & Forages	2,230,031	1,931,957
Complete Ration/Formula Feed	7,468,739	6,935,625
Protein Meals or Conc.	2,946,516	3,133,321
Supplements	1,184,854	1,113,054
Minerals, Salts & Additives	774,368	830,678
Farm Services <u>8/ 9/</u>	27,988,421	28,709,038
Crop Custom Services	1,777,559	2,135,137
Livestock Custom Services	942,453	503,876
Transportation	1,050,304	1,220,255
Vet Supplies, Svcs, Etc.	1,374,017	1,305,130
Rent	11,921,802	12,095,654
Marketing & Storage <u>10/</u>	2,052,846	2,070,514
Insurance	2,910,308	3,041,262
Leasing <u>11/</u>	609,089	576,207
Misc. Farm Business <u>12/</u>	2,486,115	2,603,383
Utilities	2,860,929	2,857,619
Electricity	2,297,575	2,322,677
Ag Chemicals & Sprays <u>13/</u>	4,769,064	5,603,976
Fertilizer <u>14/</u>	7,119,073	7,445,525
Commercial Fertilizer	6,349,641	6,969,428
Interest	9,345,014	8,937,731
Farm Real Estate	6,337,845	5,591,243
Operating Loans	3,007,169	3,346,488
Taxes (Property & Real Estate)	4,690,150	4,502,396
Labor	13,353,594	13,141,271
Cash Wages	9,910,084	9,585,281
Fuels & Lubricants	5,169,105	4,936,787
Diesel	2,418,025	2,339,926
Gasoline - Bulk	1,071,977	984,141
Gasoline - Service Station	581,577	519,575
Farm Supplies	3,002,210	3,117,589
Supplies Used in Prod. <u>15/</u>	2,275,332	2,208,310
Containers Used for Marketing	726,878	909,279
Building & Fencing	2,657,176	2,510,856
New Construction & Remodeling	1,698,167	1,638,639
Farm & Land Improvements	1,110,028	1,088,986
New Construction	728,458	692,984
Farm Machinery <u>16/ 17/ 18/ 19/</u>	12,940,710	12,167,325
Seeds & Plants <u>20/ 21/</u>	3,933,047	4,368,228
Trucks & Autos <u>22/</u>	2,190,257	1,973,394
Trucks incl. Beds, Hydraulic systems, etc.	1,964,793	1,730,335

See footnotes on page 9.

Farm Production Expenditures, By Region 1/, 1991

Expenditure - Farm Share <u>5/</u>	Total Expenditures by Region		
	Northeast	Lake States	Corn Belt
	1,000 Dollars		
Total Farm Production Expend <u>6/</u>	9,138,651	13,812,462	25,745,809
Livestock & Poultry	682,993	830,371	2,212,861
Cattle Purchased	528,628	618,814	1,505,730
Hogs & Pigs Purchased	23,627	132,801	618,330
Poultry Purchased	91,287	62,890	47,239
Other Livestock & Poultry <u>7/</u>	36,061	11,196	18,597
Feed	1,804,310	1,543,759	3,046,475
Grains	101,545	145,033	518,235
Hays & Forages	96,027	62,447	127,057
Complete Ration/Formula Feed	1,201,049	469,584	890,123
Protein Meals or Concentrates	258,256	595,617	1,004,357
Supplements	70,919	118,888	400,199
Minerals, Salts & Additives	76,512	152,190	106,503
Farm Services <u>8/ 9/</u>	1,440,219	2,845,255	6,841,342
Crop Custom Services	59,063	144,556	244,261
Livestock Custom Services	25,321	15,662	31,025
Transportation	135,348	172,738	108,373
Vet Supplies, Svcs, Etc.	165,211	216,687	240,129
Rent	267,229	1,092,710	4,663,396
Marketing & Storage <u>10/</u>	130,091	217,142	177,956
Insurance	210,939	366,808	603,581
Leasing <u>11/</u>	43,424	74,550	97,363
Misc. Farm Business <u>12/</u>	168,147	227,432	275,784
Utilities	235,445	316,971	399,494
Electricity	193,749	265,205	312,265
Ag Chemicals & Sprays <u>13/</u>	295,167	636,965	1,355,614
Fertilizer <u>14/</u>	452,792	841,721	2,167,876
Commercial Fertilizer	377,174	806,039	2,062,261
Interest	478,717	1,220,760	1,664,100
Farm Real Estate	340,303	738,132	994,100
Operating Loans	138,414	482,628	670,000
Taxes (Property & Real Estate)	405,303	812,002	1,045,791
Labor	1,217,116	1,151,915	1,141,159
Cash Wages	963,394	922,252	896,147
Fuels & Lubricants	314,334	543,307	895,552
Diesel	127,061	264,567	475,523
Gasoline - Bulk	94,896	131,760	205,877
Gasoline - Service Station	23,889	33,170	57,685
Farm Supplies	460,918	437,215	433,602
Supplies Used in Prod. <u>15/</u>	206,922	356,992	385,457
Containers Used for Marketing	253,996	80,222	48,145
Building & Fencing	270,249	272,278	488,953
New Construction & Remodeling	175,334	150,670	313,685
Farm & Land Improvements	53,648	85,470	218,833
New Construction	37,216	48,251	139,048
Farm Machinery <u>16/ 17/ 18/ 19/</u>	842,732	1,690,635	2,678,910
Seeds & Plants <u>20/ 21/</u>	317,885	629,600	1,191,910
Trucks & Autos <u>22/</u>	86,495	222,868	314,608
Trucks incl Beds, Hydraulic Systems. Etc.	81,296	180,065	265,439

See footnotes on page 9.

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Farm Production Expenditures, By Region 1/, 1991 (continued)

Expenditure - Farm Share <u>5</u> /	Total Expenditures by Region	
	Northern Plains	Appalachian
	1,000 Dollars	
Total Farm Production Expend <u>6</u> /	17,598,986	9,861,182
Livestock & Poultry	4,204,565	1,081,018
Cattle Purchased	3,910,015	512,496
Hogs & Pigs Purchased	218,722	269,261
Poultry Purchased	28,834	197,899
Other Livestock & Poultry <u>7</u> /	17,313	77,982
Feed	2,095,043	1,328,625
Grains	890,816	133,498
Hays & Forages	175,296	55,911
Complete Ration/Formula Feed	245,794	879,460
Protein Meals or Concentrates	480,517	132,049
Supplements	153,300	74,121
Minerals, Salts & Additives	149,322	53,586
Farm Services <u>8</u> / <u>9</u> /	3,871,599	1,882,876
Crop Custom Services	236,298	105,022
Livestock Custom Services	334,056	35,193
Transportation	84,190	51,356
Vet Supplies, Svcs, Etc.	143,432	91,663
Rent	1,929,730	737,186
Marketing & Storage <u>10</u> /	102,213	309,119
Insurance	427,644	238,617
Leasing <u>11</u> /	95,032	15,756
Misc. Farm Business <u>12</u> /	185,042	119,659
Utilities	333,963	179,307
Electricity	262,410	142,698
Ag Chemicals & Sprays <u>13</u> /	554,911	410,947
Fertilizer <u>14</u> /	779,850	625,228
Commercial Fertilizer	763,174	561,301
Interest	1,198,698	591,259
Farm Real Estate	657,061	406,296
Operating Loans	541,637	184,964
Taxes (Property & Real Estate)	627,754	241,563
Labor	634,083	1,142,412
Cash Wages	492,107	880,167
Fuels & Lubricants	718,622	405,026
Diesel	379,175	151,728
Gasoline - Bulk	159,406	50,746
Gasoline - Service Station	47,548	66,867
Farm Supplies	239,287	230,319
Supplies Used in Prod. <u>15</u> /	237,997	190,716
Containers Used for Marketing	1,290	39,604
Building & Fencing	188,362	283,612
New Construction & Remodeling	105,983	193,569
Farm & Land Improvements	87,900	72,467
New Construction	49,209	52,098
Farm Machinery <u>16</u> / <u>17</u> / <u>18</u> / <u>19</u> /	1,666,378	1,068,961
Seeds & Plants <u>20</u> / <u>21</u> /	469,341	298,576
Trucks & Autos <u>22</u> /	250,748	186,415
Trucks incl Beds, Hydraulic Systems. Etc.	212,776	172,691

See footnotes on page 9.

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Farm Production Expenditures, By Region 1/, 1991

Expenditure - Farm Share <u>5/</u>	Total Expenditures by Region		
	Southeast	Delta States	Southern Plains
	1,000 Dollars		
Total Farm Production Expend <u>6/</u>	7,742,883	6,435,776	12,636,519
Livestock & Poultry	427,452	601,448	2,099,586
Cattle Purchased	271,097	176,529	1,975,346
Hogs & Pigs Purchased	56,410	4,379	4,432
Poultry Purchased	96,608	375,886	87,830
Other Livestock & Poultry <u>7/</u>	2,977	44,654	6,129
Feed	1,197,625	1,363,204	2,294,871
Grains	66,169	260,079	943,036
Hays & Forages	66,458	27,967	212,810
Complete Ration/Formula Feed	899,117	905,797	765,506
Protein Meals or Concentrates	70,698	106,669	199,485
Supplements	47,865	24,053	103,122
Minerals, Salts & Additives	47,317	38,641	70,913
Farm Services <u>8/ 9/</u>	1,359,693	1,429,114	2,688,983
Crop Custom Services	167,833	160,471	488,451
Livestock Custom Services	3,778	51,683	70,821
Transportation	79,167	185,289	198,061
Vet Supplies, Svcs, Etc.	47,154	47,817	150,021
Rent	449,069	554,707	860,552
Marketing & Storage <u>10/</u>	147,828	97,076	135,269
Insurance	183,232	129,067	276,868
Leasing <u>11/</u>	25,111	46,497	53,737
Misc. Farm Business <u>12/</u>	126,691	62,382	177,246
Utilities	129,830	94,125	277,957
Electricity	98,231	71,510	220,725
Ag Chemicals & Sprays <u>13/</u>	553,312	459,582	351,084
Fertilizer <u>14/</u>	576,560	333,219	598,186
Commercial Fertilizer	521,753	315,675	562,704
Interest	382,288	295,840	776,638
Farm Real Estate	257,933	163,045	486,547
Operating Loans	124,355	132,793	290,090
Taxes (Property & Real Estate)	175,643	89,746	293,693
Labor	1,196,999	487,679	889,605
Cash Wages	859,296	392,907	638,809
Fuels & Lubricants	307,040	265,691	566,182
Diesel	149,532	149,405	229,658
Gasoline - Bulk	29,519	30,540	65,733
Gasoline - Service Station	55,744	30,561	96,177
Farm Supplies	195,347	96,803	179,347
Supplies Used in Prod. <u>15/</u>	108,780	81,182	172,942
Containers Used for Marketing	86,567	15,621	6,405
Building & Fencing	169,839	89,178	208,315
New Construction & Remodeling	111,129	55,480	135,447
Farm & Land Improvements	62,651	34,640	126,811
New Construction	28,879	23,108	81,311
Farm Machinery <u>16/ 17/ 18/ 19/</u>	607,943	633,858	1,026,212
Seeds & Plants <u>20/ 21/</u>	342,349	136,671	227,222
Trucks & Autos <u>22/</u>	132,050	104,090	289,583
Trucks incl Beds, Hydraulic Systems. Etc.	126,835	97,885	267,058

See footnotes on page 9.

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Farm Production Expenditures, By Region 1/, 1991 (continued)

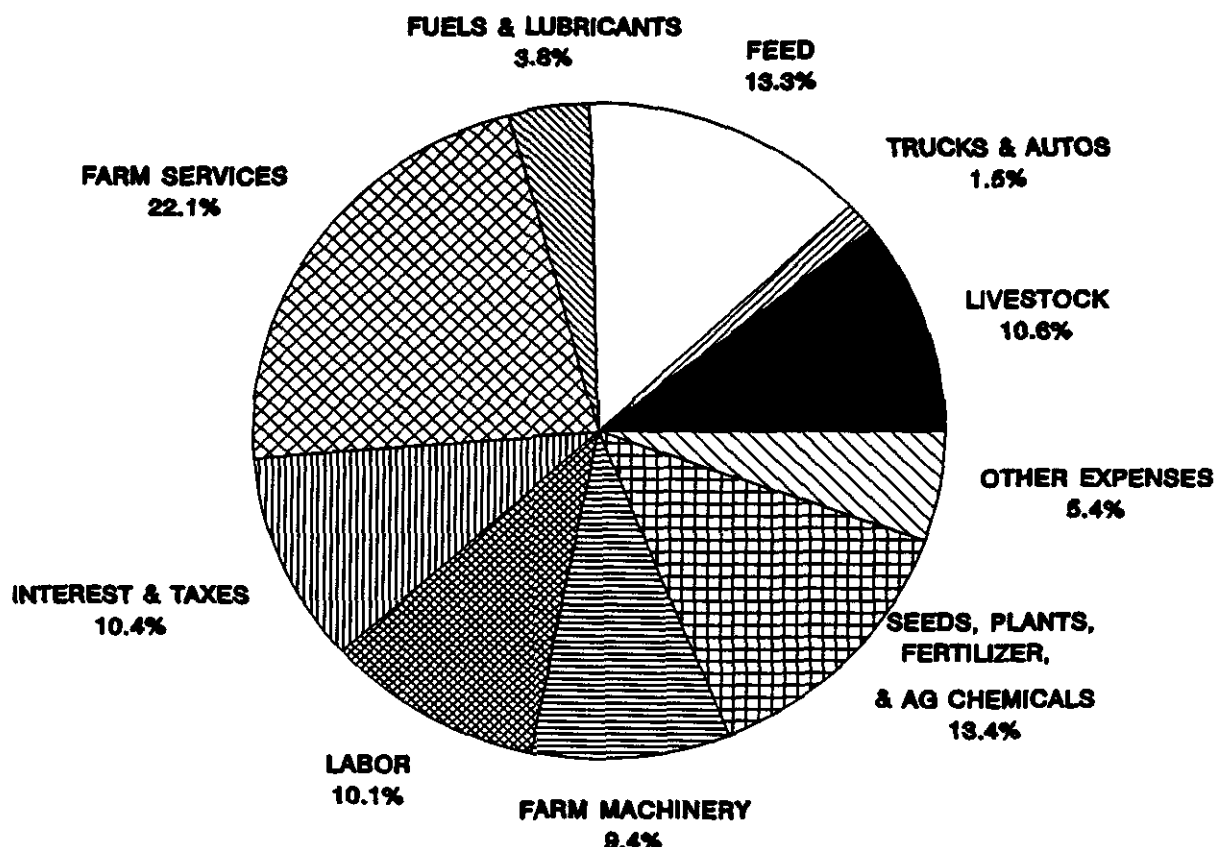
Expenditure - Farm Share <u>5/</u>	Total Expenditures by Region	
	Mountain	Pacific
	1,000 Dollars	
Total Farm Production Expend <u>6/</u>	9,112,156	17,713,788
Livestock & Poultry	1,215,616	360,628
Cattle Purchased	1,151,018	261,615
Hogs & Pigs Purchased	21,958	5,503
Poultry Purchased	486	11,316
Other Livestock & Poultry <u>7/</u>	32,581	55,038
Feed	1,005,228	1,627,864
Grains	236,690	160,625
Hays & Forages	367,512	720,189
Complete Ration/Formula Feed	139,799	568,847
Protein Meals or Concentrates	139,712	81,322
Supplements	58,302	35,543
Minerals, Salts & Additives	63,212	61,339
Farm Services <u>8/ 9/</u>	2,106,267	4,243,691
Crop Custom Services	205,748	323,435
Livestock Custom Services	177,528	58,809
Transportation	89,132	116,602
Vet Supplies, Svcs, Etc.	86,577	116,439
Rent	605,205	935,870
Marketing & Storage <u>10/</u>	108,780	645,040
Insurance	231,671	372,854
Leasing <u>11/</u>	36,142	88,597
Misc. Farm Business <u>12/</u>	288,546	972,455
Utilities	276,939	613,589
Electricity	222,348	539,289
Ag Chemicals & Sprays <u>13/</u>	226,065	760,328
Fertilizer <u>14/</u>	379,040	691,054
Commercial Fertilizer	365,837	624,655
Interest	773,181	1,556,250
Farm Real Estate	487,063	1,088,762
Operating Loans	286,118	467,488
Taxes (Property & Real Estate)	265,908	544,995
Labor	975,892	4,304,407
Cash Wages	706,306	2,833,895
Fuels & Lubricants	390,922	530,111
Diesel	166,194	251,368
Gasoline - Bulk	111,759	114,228
Gasoline - Service Station	45,093	56,695
Farm Supplies	238,526	606,225
Supplies Used in Prod. <u>15/</u>	193,355	273,967
Containers Used for Marketing	45,171	332,257
Building & Fencing	147,054	393,016
New Construction & Remodeling	97,062	300,280
Farm & Land Improvements	97,654	248,912
New Construction	69,089	164,774
Farm Machinery <u>16/ 17/ 18/ 19/</u>	860,288	1,091,408
Seeds & Plants <u>20/ 21/</u>	258,215	496,458
Trucks & Autos <u>22/</u>	157,715	228,822
Trucks incl Beds, Hydraulic Systems. Etc.	138,026	188,263

See footnotes on page 9.

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1991 EXPENDITURES

(PERCENT OF TOTAL FARM OUTLAY)



1991 Expenditures by Economic Class and Region

Region 1/	Gross Value of Sales		
	Under \$40,000	\$40,000 to \$99,999	\$100,000+
	1,000 Dollars		
Northeast	1,383,615	1,914,309	5,840,727
Lake States	1,751,334	2,461,210	9,599,919
Corn Belt	3,630,000	3,838,559	18,277,249
Northern Plains	1,379,754	2,596,478	13,622,755
Appalachian	2,770,793	1,336,856	5,753,532
Southeast	1,379,116	1,157,935	5,205,832
Delta States	1,199,139	1,032,350	4,204,287
Southern Plains	2,375,436	2,935,801	7,325,281
Mountain	1,026,650	1,054,217	7,031,289
Pacific	2,116,228	847,071	14,750,490
United States	19,012,067	19,174,784	91,611,361

See footnotes on page 9.

Footnotes

- 1/ Northeast: CT, DE, ME, MD, MA, NH, NJ, NY, PA, RI, VT; Lake States: MI, MN, WI; Corn Belt: IL, IN, IA, MO, OH; Northern Plains: KS, NE, ND, SD; Appalachian: KY, NC, TN, VA, WV; Southeast: AL, FL, GA, SC; Delta: AR, LA, MS; Southern Plains: OK, TX; Mountain: AZ, CO, ID, MT, NV, NM, UT, WY; Pacific: CA, OR, WA.
- 2/ Excludes Alaska & Hawaii.
- 3/ Survey expanded number of farms reporting item divided by survey expanded number of farms.
- 4/ Total expenditures divided by official number of farms published by NASS in "Farm Number and Land in Farms", July 1991.
- 5/ 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.
- 6/ Includes landlord expenditures.
- 7/ 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).
- 8/ Includes custom feeding of livestock on a per head or gain basis and grazing fees for livestock.
- 9/ Includes veterinary supplies.
- 10/ Marketing and storage expenses were collected on questionnaire version one.
- 11/ Includes: tractors, other farm machinery, self-propelled machinery, fertilizer & irrigation equipment, trucks, autos & other motor vehicles (leased or rented).
- 12/ Excludes telephone and water, but includes irrigation water cost.
- 13/ Excludes seed treatment.
- 14/ Includes materials and applications.
- 15/ Includes bedding, litter, straw & etc.; other non-capitalized equipment for livestock & poultry. Includes power farm shop equipment and motor supplies.
- 16/ Includes repair & maintenance of livestock & poultry equipment and motor supplies.
- 17/ Includes other motor vehicles purchased.
- 18/ Includes purchase of capital equipment for livestock & poultry.
- 19/ Excludes power farm shop equipment. In 1989 and earlier years, power shop equipment data were included here.
- 20/ Excludes bedding plants, nursery stocks, and seed purchased for resale.
- 21/ Includes seed treatment.
- 22/ Excludes other motor vehicles purchased.

Special Features: Expenditure data in this report will differ from production expense estimates published 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 farmers are measured in the income accounts since many cancel within the farm sector. In addition, there are some other conceptual and definitional differences.

The Farm Production Expenditure data are the results of sample surveys of over 22,000 farms and ranchers annually. Individuals surveyed in February and March of 1992 were chosen from a list of farm operators supplemented with producers living inside randomly selected geographical areas to ensure representation of all farms and ranches with potential agricultural sales of at least \$1,000 in value during the year. These operations meet the Standard Industrial Code classification for agricultural production of crops and livestock - major group codes 01 and 02, respectively.

The next "Farm Production Expenditures" report will be released at 3:00 p.m. ET on August 4, 1992.

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