



Farm Production Expenditures

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Cooperating with the Oklahoma Department of Agriculture, Food and Forestry and Texas Department of Agriculture

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This report contains the results from the 2020 Agricultural Resource Management Survey (ARMS Phase 3) conducted January through April of 2021. Estimates for the Southern Plains region were made possible by data provided by respondents in Oklahoma and Texas. Our thanks to all who responded to ARMS Phase 3.

Texas farm production expenditures totaled \$22.8 billion in 2020, down 265 million dollars from 2019. Livestock and poultry purchase expenses, which made up the highest portion, increased 4.5 percent from the year earlier to 4.67 billion dollars. Feed expense was the second highest expense category at 4.00 billion dollars, down 730 million dollars from 2019. Farm services made up 11.8 percent of the total, and labor expenses were 6.4 percent. The average total production expenditures for a Texas farm was \$92,186, down 1.2 percent from 2019.

Total production expenses for the **Plains Region** (ND, SD, NE, KS, OK, and TX) totaled \$85.3 billion in 2020, down 2.59 billion dollars from 2019. Livestock and poultry purchase expenses made up the largest portion of the total at 17.1 billion dollars, down 14.7 percent from the year earlier. Tractors and self-propelled farm machinery expense increased 1.55 billion dollars in 2020 to 4.49 billion dollars. The average total production expenditure per farm in the Plains Region was \$176,432, down 2.8 percent from 2019.

1 Farm Production Expenditures by Farms Reporting, Average per Farm, & Total – Texas: 2019 and 2020

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2019	2020	2019	2020	2019	2020
	<i>percent</i>	<i>percent</i>	<i>dollars</i>	<i>dollars</i>	<i>million dollars</i>	<i>million dollars</i>
Livestock, poultry, & related expenses	18.7	23.1	18,097	18,907	4,470	4,670
Feed	70.1	74.2	19,150	16,194	4,730	4,000
Farm services	89.1	89.7	11,457	10,891	2,830	2,690
Rent	20.6	20.1	3,441	3,441	850	850
Agricultural chemicals	31.7	37.9	2,551	2,632	630	650
Fertilizer, lime, & soil conditioners	34.6	45.3	3,927	4,534	970	1,120
Interest	16.8	14.3	2,308	1,619	570	400
Taxes	99.9	100.0	4,211	3,765	1,040	930
Labor	24.9	23.1	6,235	5,911	1,540	1,460
Fuel	75.6	84.8	3,320	3,158	820	780
Farm supplies & repairs	70.6	81.5	3,603	4,008	890	990
Farm improvements & construction	34.1	42.1	3,927	3,846	970	950
Tractors & self-propelled machinery	10.2	13.8	4,332	5,830	1,070	1,440
Other farm machinery	5.9	10.1	972	1,296	240	320
Seeds & plants	17.8	24.8	3,482	3,684	860	910
Trucks & autos	6.9	9.4	2,024	2,105	500	520
Miscellaneous capital expenses	2.7	3.7	223	364	55	90
Total farm production expenditures	100.0	100.0	93,259	92,186	23,035	22,770

Source: USDA National Agricultural Statistics Service - *Farm Production Expenditures 2020 Summary*, July 2021

2 Farm Production Expenditures by Farms Reporting, Average per Farm, & Total – Plains Region: 2019 and 2020

Expenditure	Farms reporting		Average per farm		Total expenditures	
	2019	2020	2019	2020	2019	2020
	<i>percent</i>	<i>percent</i>	<i>dollars</i>	<i>dollars</i>	<i>million dollars</i>	<i>million dollars</i>
Livestock, poultry, & related expenses	22.7	25.1	41,326	35,270	20,010	17,060
Feed	62.7	61.9	25,299	22,721	12,250	10,990
Farm services	90.1	86.6	18,691	17,966	9,050	8,690
Rent	31.8	30.6	15,861	14,968	7,680	7,240
Agricultural chemicals	41.2	44.7	7,476	7,567	3,620	3,660
Fertilizer, lime, & soil conditioners	41.0	48.7	11,194	11,515	5,420	5,570
Interest	30.5	25.5	5,163	4,734	2,500	2,290
Taxes	100.0	100.0	8,158	7,835	3,950	3,790
Labor	24.3	23.9	8,385	7,546	4,060	3,650
Fuel	77.5	81.7	5,741	5,561	2,780	2,690
Farm supplies & repairs	73.1	79.2	7,827	8,125	3,790	3,930
Farm improvements & construction	40.5	40.3	5,163	5,355	2,500	2,590
Tractors & self-propelled machinery	10.6	14.1	6,072	9,283	2,940	4,490
Other farm machinery	9.3	12.0	2,396	3,556	1,160	1,720
Seeds & plants	29.7	34.0	9,707	10,337	4,700	5,000
Trucks & autos	10.9	12.5	2,829	3,556	1,370	1,720
Miscellaneous capital expenses	3.7	5.7	310	538	150	260
Total farm production expenditures	100.0	100.0	181,599	176,432	87,930	85,340

Source: USDA National Agricultural Statistics Service - *Farm Production Expenditures 2020 Summary*, July 2021

2020 United States Total Farm Production Expenditure Highlights

Farm production expenditures in the United States are estimated at \$366.2 billion for 2020, up from \$357.8 billion in 2019. The 2020 total farm production expenditures are up 2.3 percent compared with 2019 total farm production expenditures. For the 17-line items, thirteen showed an increase from previous year, while four showed a decrease.

The four largest expenditures at the United States level total \$177.8 billion and account for 48.5 percent of total expenditures in 2020. These include feed, 15.5 percent, farm services, 12.2 percent, livestock, poultry, and related expenses, 10.8 percent, and labor, 10.0 percent.

In 2020, the United States total farm expenditure average per farm is \$182,130, up 2.6 percent from \$177,564 in 2019. On average, United States farm operations spent \$28,250 on feed, \$19,695 on livestock, poultry, and related expenses, \$22,232 on farm services, and \$18,253 on labor. For 2019, United States farms spent an average of \$29,478 on feed, \$21,240 on farm services, \$21,240 on livestock, poultry, and related expenses, and \$17,270 on labor.

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