

2019
**Oklahoma
Agriculture
Statistics
Pocket Facts**





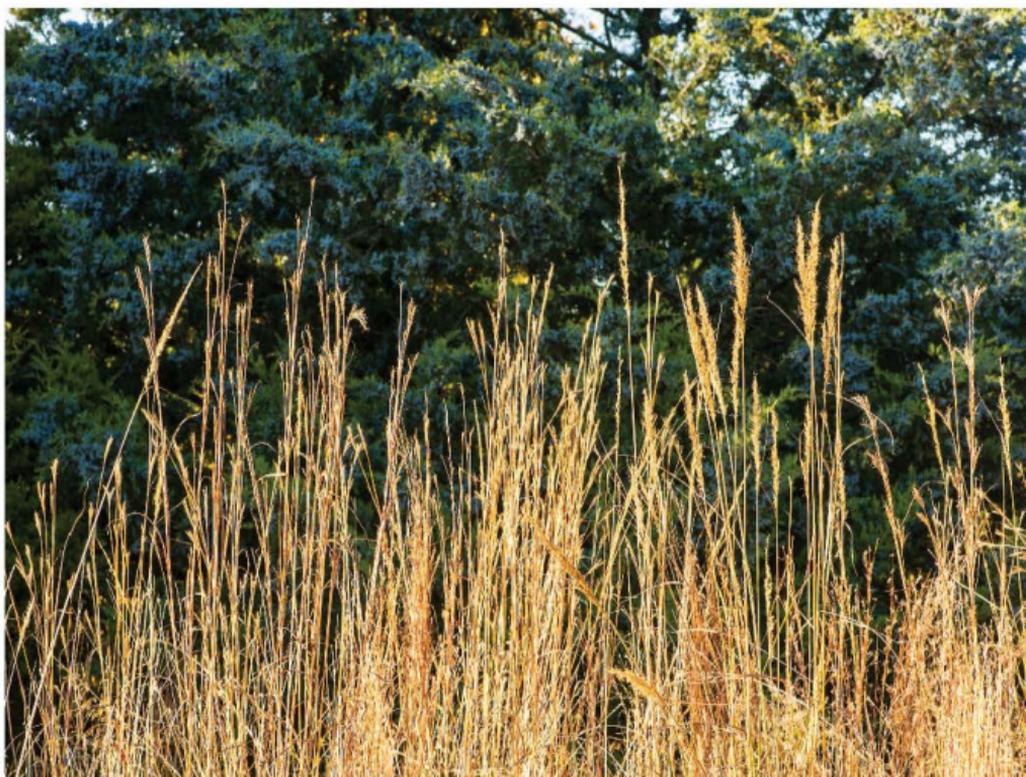
“Thank you to Oklahoma State University and the USDA National Agricultural Statistics Service for their assistance in creating such a useful tool for agriculturalists to keep in our back pockets. We are truly blessed to live in such an agriculturally rich state. While growing more than \$7 billion worth of new crops and livestock each year, there is no denying agriculture is a major economic force in Oklahoma. I hope this information helps you share Oklahoma’s agricultural success story with others.”

**OKLAHOMA DEPARTMENT OF AGRICULTURE,
FOOD AND FORESTRY**
Blayne Arthur, Secretary of Agriculture

“It is our honor to join with the Oklahoma Department of Agriculture, Food and Forestry and the National Agricultural Statistics Service of the USDA to present this overview of Oklahoma food, agriculture and natural resource industries. Year after year these are important drivers in Oklahoma’s economic success, and Oklahoma State University is proud to support the breadth of these industries with timely research findings, translation of those findings in to practical use through Extension, and preparing the workforce of Oklahoma’s agricultural future.”



**OSU DIVISION OF AGRICULTURAL SCIENCES &
NATURAL RESOURCES**
Thomas G. Coon, Vice President



Oklahoma Quick Facts

Geography	
Land area (square miles)	68,595
Water area (square miles)	1,304
People	
Population, 2019 estimate*	3,956,971
Population, 2010 Census	3,751,351
U.S. rank based on population, 2019	28
Male persons, percent, 2019	49.5%
Female persons, percent, 2019	50.5%
Households, 2014-2018 average	1,474,620
Median household income, 2014-2018	\$51,424

*Source: U.S. Bureau of the Census Population Estimates Program (PEP)

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Agriculture Overview

Oklahoma Farm Operations	
Number of Farms, 2019	77,300
U.S. Rank	5
Land in Farms, 2019 (Acres)	34,400,000
U.S. Rank	8
Average Farm Size, 2019 (Acres)	445
U.S. Rank	15
Total Operators by Sex, 2017:	
Male	79,858
Female	49,761
Average Age of Total Operators, 2017 (Years)	57.0
Farming is Primary Occupation, 2017	48,874
Farm Organization, 2017	
Family or Individual	71,811
Partnerships	3,146
Corporations	2,023
Other Organizations	1,551



**In 2019, record harvest yields were set for
Winter Wheat, Oats, and Rye.**

Livestock Inventory

Item	2019	2020
	1,000 Head	1,000 Head
All Cattle¹	5,300	5,200
Beef Cows	2,150	2,140
Milk Cows	40	41
Beef Cow Replacement Heifers	400	370
Milk Cow Replacement Heifers	20	20
Other Heifers	520	540
Steers 500 lbs and over	1,050	1,020
Bulls 500 lbs and over	180	170
Calves under 500 lbs	940	940
All Hogs and Pigs²	2,200	2,270
Breeding Hogs	445	450
Market Hogs under 50 lbs	755	775
Market Hogs 50-119 lbs	390	475
Market Hogs 120-179 lbs	280	250
Market Hogs over 180 lbs	330	320
All Sheep and Lambs¹	50	52
Breeding Sheep	39	42
Market Sheep	11.0	10.0
Market Lambs	10.0	9.0
Milk Goats¹	8.0	7.0
Meat Goats¹	80	84

¹Inventory on hand January 1. ² Inventory on hand December 1, previous year.

Select Oklahoma Livestock Totals and Rank

Commodity	Unit	Total	U.S. Rank
Beef Cows ¹	Head	2,099,000	2
Calf Crop ²	Head	1,920,000	3
All Cows ¹	Head	2,140,000	4
Meat Goats ¹	Head	84,000	4
All Cattle and Calves ¹	Head	5,200,000	5
Hogs ⁴	Head	2,270,000	9
Cattle on Feed ¹	Head	340,000	9
Broiler Production ³	Pounds	1,318,600,000	13
Red Meat Production ³	Pounds	1,203,200,000	15
Milk Goats ¹	Head	7,000	21
All Chickens ^{5 6}	Head	4,476,000	25
Sheep and Lambs ¹	Head	52,000	29
Eggs ³	Eggs	697,100,000	29
Wool Production ²	Pounds	95,000	29
Milk Cows ¹	Head	41,000	29
Milk Production ³	Pounds	725,000,000	30

¹ Inventory on hand January 1, 2020. ² 2019 data. ³ 2018 data. ⁴ Inventory on hand December 1, 2019. ⁵ Excludes commercial broilers. ⁶ Inventory on hand December 1, 2018.



**In 2018, all poultry production in Oklahoma
had a cash receipt of \$844.5 million.**

400

OKLAHOMA AGRITOURISM VENUES



2019 Crop Summary

Commodity	Planted Acres	Acres for Harvest	Yield per Acre	Unit	Production
	<i>1,000</i>	<i>1,000</i>			<i>1,000</i>
Winter Wheat	4,200	2,750	40	Bu	110,000
Oats	100	25	50	Bu	1,250
Rye	260	55	27	Bu	1,485
Canola	35	21	1,410	Lbs	29,610
Corn, Grain ¹	370	330	137	Bu	45,210
Corn, Silage	-	20	13	Tn	260
Sorghum, Grain ¹	300	260	51	Bu	13,260
Sorghum, Silage	-	16	10	Tn	160
Soybeans	465	440	29	Bu	12,760
Peanuts	15	14	4,100	Lbs	57,400
Cotton	640	480	640	(2)	640
All Hay	-	3,005	2.0	Tn	5,935
Alfalfa Hay	-	205	3.0	Tn	615
All Other Hay	-	2,800	1.9	Tn	5,320
Total Harvested Acres of Principal Crops		7,416			

¹ Planted for all purposes. ² Yield per acre in pounds, production in 480 pound bales.

Select Oklahoma Crop Totals and US Rank

Commodity	Unit	Total	U.S. Rank
Native Pecans ¹	Pounds	6,030,000	1
Rye	Bushels	1,485,000	2
All Other Hay	Tons	5,320,000	3
Winter Wheat	Bushels	110,000,000	3
Sorghum, Grain	Bushels	13,260,000	4
All Pecans ¹	Pounds	9,000,000	5
All Wheat	Bushels	110,000,000	5
Canola	Pounds	29,610,000	5
Sorghum, Silage	Tons	160,000	6
All Hay	Tons	5,935,000	7
All Cotton	Bales	640,000	10
Cottonseed	Tons	191,000	10
Peanuts	Pounds	57,400,000	10
Oats	Bushels	1,250,000	12
Soybeans	Bushels	12,760,000	22
Alfalfa Hay	Tons	615,000	26
Corn, Grain	Bushels	45,210,000	26
Corn, Silage	Tons	260,000	37

¹ 2018 data



Oklahoma exported more than \$1.8 billion of agricultural products in 2017.

Record Highs and Lows

		Record Highs ¹		Record Lows ¹	
Commodity	Unit	Year	Quantity	Year	Quantity
Winter Wheat					
Harvested (1,000)	Acres	1982	6,900	1909	1,169
Yield per Acre	Bushels	2019	40	1955	8
Production (1,000)	Bushels	1982	227,700	1911	9,440
Oats					
Harvested (1,000)	Acres	1921	1,705	2011	5
Yield per Acre	Bushels	2019	50	1911	10
Production (1,000)	Bushels	1920	45,780	2011	200
Rye					
Harvested (1,000)	Acres	1939	123	1910	4
Yield per Acre	Bushels	2019	27	1951	5
Production (1,000)	Bushels	2015	2,040	1911	28
Corn, Grain					
Harvested (1,000)	Acres	1909	5,939	1967	30
Yield per Acre	Bushels	2004	150	1934	6.4
Production (1,000)	Bushels	1906	131,010	1966	814
Sorghum, Grain					
Harvested (1,000)	Acres	1955	1,179	2011	80
Yield per Acre	Bushels	2004	60	1936	6
Production (1,000)	Bushels	1996	28,910	2011	1,680
Cotton					
Harvested (1,000)	Acres	1925	5,288	2011	70
Yield per Acre	Pounds	2016	1,021	1934	58
Production (1,000)	Bales	1926	1,773	1895	83
Soybeans					
Harvested (1,000)	Acres	2017	640	1936	1
Yield per Acre	Bushels	1994	32	1934	3
Production (1,000)	Bushels	2017	18,560	1936	4

Selected Agricultural Commodities

Commodity	Unit	Record Highs ¹		Record Lows ¹	
		Year	Quantity	Year	Quantity
Peanuts					
Harvested (1,000)	Acres	1947	325	1913	1
Yield per Acre	Pounds	2019	4,100	1943	260
Production (1,000)	Pounds	1977	267,600	1909	450
All Hay					
Harvested (1,000)	Acres	2014	3,590	1928	855
Yield per Acre	Tons	1985	2.26	1936	0.75
Production (1,000)	Tons	2007	6,858	1911	730
Alfalfa Hay					
Harvested (1,000)	Acres	1954	604	1928	175
Yield per Acre	Tons	1989	4.00	1956	1.15
Production (1,000)	Tons	1989	1,800	2011	260
All Cattle and Calves² (1,000)					
	Head	1975	6,500	1867	82
Milk Cows² (1,000)					
	Head	1944	912	1885	1
All Hogs and Pigs³ (1,000)					
	Head	2001	2,480	1882	1
All Sheep and Lambs³ (1,000)					
	Head	1942	399	2016	46
Chickens^{3 4} (1,000)					
	Birds	2002	5,740	1974	2,800

¹ Latest year that records were achieved. Some records were equaled in earlier years. ² Inventory on January 1. ³ Inventory changed from January 1 to December 1 – Hogs in 1967, Chickens in 1969. ⁴ Excludes broilers.

Oklahoma Select Commodities: 5 Year Average

Commodity	Five Year Average		
	Years	Average	US Rank
LIVESTOCK INVENTORY AND CASH RECEIPTS			
Cattle			
Cattle Inventory ¹ (Head)	2016-20	5,080,000	5
Beef Cow Inventory ¹ (Head)	2016-20	2,070,600	2
Cash Receipts (Dollars)	2014-18	\$2,911,406,540	
Hogs			
Hog Inventory ² (Head)	2015-19	2,188,000	9
Cash Receipts (Dollars)	2014-18	\$915,572,600	
Dairy			
Milk Production (Pounds)	2014-18	720,200,000	31
Cash Receipts (Dollars)	2014-18	\$152,068,400	
Poultry			
Broiler Production (Pounds)	2014-18	1,364,360,000	13
Egg Production (Number)	2014-18	698,100,000	29
All Poultry Cash Receipts (Dollars)	2014-18	\$868,939,400	
CROP PRODUCTION AND CASH RECEIPTS			
Winter Wheat			
Production (Bushels)	2015-19	102,780,000	3
Cash Receipts (Dollars)	2014-18	\$410,910,800	

¹ Inventory on hand January 1. ² Inventory on hand December 1.

Oklahoma Select Commodities: 5 Year Average

Commodity	Five Year Average		
	Years	Average	US Rank
CROP PRODUCTION AND CASH RECEIPTS, CONTINUED			
All Hay			
Production (Tons)	2015-19	5,643,800	6
Cash Receipts (Dollars)	2014-18	\$118,009,200	
Corn for Grain			
Production (Bushels)	2015-19	39,658,000	27
Cash Receipts (Dollars)	2014-18	\$143,928,800	
Cotton			
Production (Bales)	2015-19	666,600	8
Cash Receipts (Dollars)	2014-18	\$197,470,400	
Soybeans			
Production (Bushels)	2015-19	14,675,000	23
Cash Receipts (Dollars)	2014-18	\$123,146,000	
Sorghum for Grain			
Production (Bushels)	2015-19	16,513,000	5
Cash Receipts (Dollars)	2014-18	\$57,622,600	
Peanuts			
Production (Pounds)	2015-19	51,576,000	10
Cash Receipts (Dollars)	2014-18	\$12,006,000	
Pecans			
Production (Pounds)	2014-18	12,000,000	5
Cash Receipts (Dollars)	2014-18	\$19,689,600	

Total Farm Production Expenses¹

Item	2017 Million Dollars	2018 Million Dollars
Feed Purchased	1,160.3	1,022.2
Livestock and Poultry Purchased	1,041.4	1,059.1
Seed Purchased	171.5	168.1
Electricity	97.4	96.4
Fertilizer, Lime and Soil Conditioners	321.2	359.1
Pesticides	200.3	189.4
Petroleum Fuel and Oils	316.6	364.2
Machine Hire and Customwork	87.2	62.2
Marketing, Storage and Transportation	132.6	170.0
Repairs and Maintenance	379.8	350.5
Miscellaneous	608.2	555.9
Hired Labor and Compensation	251.4	225.2
Contract Labor	36.2	36.5
Capital Consumption	868.7	785.3
Interest Expenses	259.1	462.7
Motor Vehicle Licenses	34.2	33.7
Property Taxes	299.1	251.8
Net Rent to Non-Operator Landlords ³	-26.6	-10.2
Total Production Expenses²	6,397.8	6,164.0

¹ Excluding operator dwelling expenses. ² Categories may not add to total.

³ Including landlord capital consumption.



Oklahoma crop and livestock cash receipts totaled over \$6.7 billion dollars in 2018.



Oklahoma livestock cash receipts in 2018 totaled roughly \$5.3 billion.

Cash Receipts

Commodity	2017 1,000 Dollars	2018 ¹ 1,000 Dollars
Winter Wheat	404,872	366,906
Cotton Lint	276,143	328,384
All Hay	93,012	110,179
Corn, Grain	122,153	131,794
Soybeans	143,477	153,007
Sorghum, Grain	44,386	42,955
Cottonseed	33,474	31,386
Pecans	24,230	14,884
Canola	17,278	15,373
Rye	8,650	6,764
Peanuts	16,167	15,284
Mushrooms	8,572	8,624
Oats	1,167	901
Other Crops	219,504	220,792
Total Crops	1,413,085	1,447,233
Cattle and Calves	3,446,857	3,308,434
Hogs	911,986	938,522
Broilers	745,389	737,097
Dairy Products: Milk	138,432	127,804
Chicken Eggs	80,090	92,177
Chickens (Excluding Broilers)	1,488	1,397
Wool	80	74
Other Livestock	85,188	82,810
Total Livestock	5,409,511	5,288,315
Total Crops and Livestock	6,822,596	6,735,548

¹ Totals are preliminary as of August 2019.



Livestock and feed purchases are Oklahoma's largest expense items based on the 2018 Farm Production Expenses.

Value Added to the Economy¹

Item (Million Dollars)	2017	2018
Cotton	309.6	359.8
Feed Crops	260.7	285.8
Food Grains	413.5	373.7
Fruits and Nuts	24.2	14.9
Oil Crops	176.9	183.7
All Other Crops	228.1	229.4
Home Consumption	0.8	0.9
Value of Inventory Adjustment	-78.6	-215.1
Value of Crop Production	1,335.4	1,233.0
Dairy Products, Milk	138.4	127.8
Meat Animals	4,358.8	4,247.0
Miscellaneous Livestock	69.1	69.1
Poultry and Eggs	843.1	844.5
Home Consumption	16.4	14.0
Value of Inventory Adjustment	116.8	210.1
Value of Livestock Production	5,542.7	5,512.5
Revenue from Svcs and Forestry	765.8	915.8
Value of Ag Sector Production	7,643.8	7,661.2
Less: Purchased Inputs	4,542.4	4,403.6
Less: Contract Labor	36.2	36.5
Plus: Net Government Transactions	-55.7	38.3
Gross Value Added	3,009.5	3,259.3
Less: Capital Consumption	875.9	788.4
Net Value Added	2,133.6	2,470.9
Less: Payments to Stakeholders	667.3	704.8
Net Farm Income	1,466.3	1,766.1

¹ For complete explanation, see pg 74 of 2019 Annual Statistics Bulletin.



Oklahoma Cotton yielded \$359.8 million of cash receipts in 2018 making it the 5th largest commodity based on value.

Agricultural Exports

Commodity	2016 Million Dollars	2017 Million Dollars
Beef and Veal	307.7	351.4
Pork	258.1	282.4
Poultry Products	85.2	92.0
Hides and Skins	90.7	89.2
Dairy Products	16.5	19.6
Wheat	268.5	286.4
Cotton	115.6	256.2
Soybeans	70.0	80.0
Grain Products	50.5	45.7
Feeds and Fodder	48.1	41.7
Other Oilseeds and products ¹	22.1	26.8
Corn	27.5	24.3
Tree Nuts	22.4	22.7
Soybean Meal	12.5	14.6
Vegetable Oils	10.3	13.2
Other Products ²	160.3	166.6
Total Agricultural Exports	1566.0	1812.8

¹Includes peanuts (oil stock), other oil crops, corn meal, other oil cake and meal, protein substances, bran and residues. ² May include live animals, other meats, animal parts, eggs, wine, beer, other beverages, coffee, cocoa, hops, nursery crops, inedible materials, and prepared foods.



In 2017, Oklahoma exported more than \$1.8 billion of agriculture products.

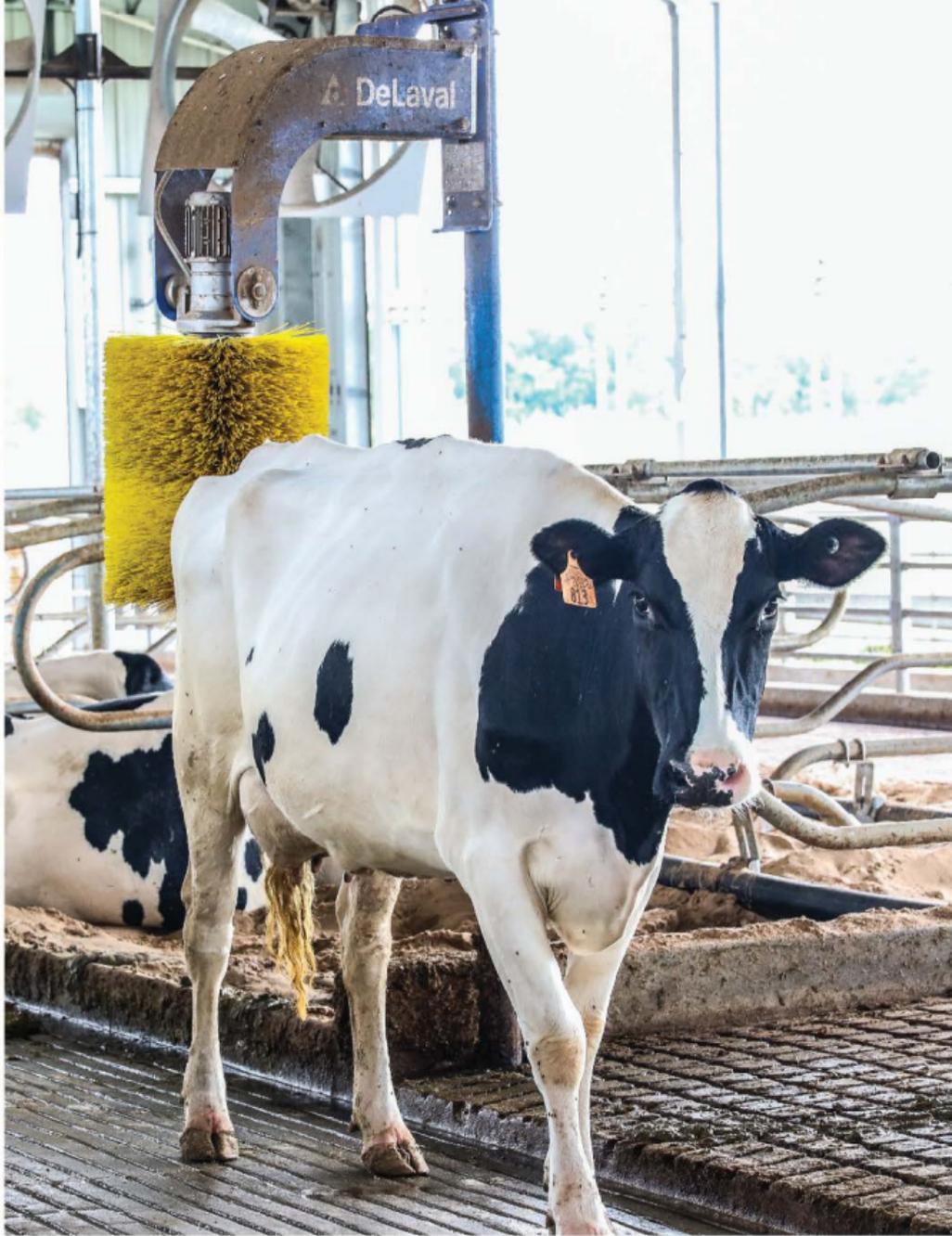
2015 Agricultural Contributions

Direct Contributions	Total Jobs	Total Value-Added*
Production		
Crops	22,608	\$843
Livestock	116,966	\$2,862
Forestry	1,147	\$59
Processing		
Crops	11,994	\$994
Livestock	11,157	\$880
Forestry	7,160	\$892
Ag-Related Services	4,627	\$205
Total Contributions		
Total Employment		321,454
Total Output*		\$42,500
Total Value-Added*		\$18,242

*Millions. Output is the market value of goods and services produced. Value-added is the residual value after purchased inputs are subtracted from the market value of goods sold. For more details see Contributions of Agriculture in Oklahoma's Economy, 2015.



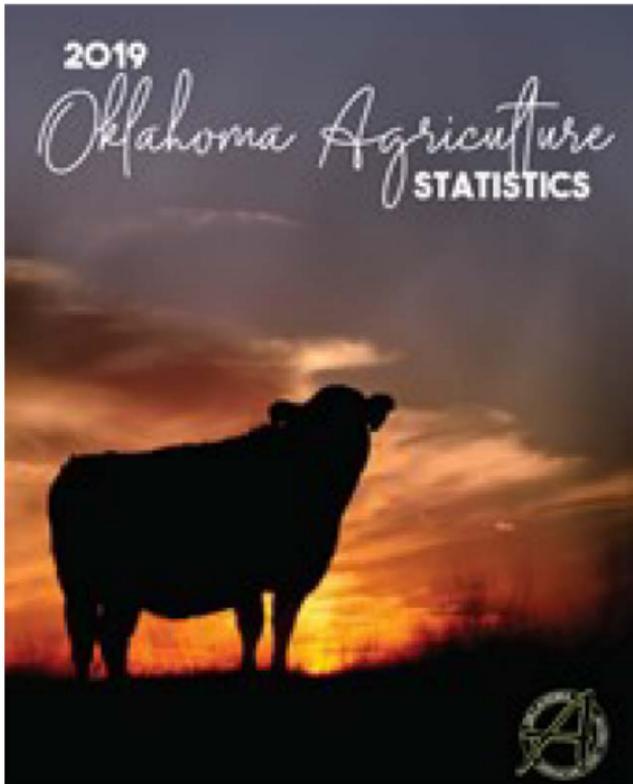
**Oklahoma ranks 1st in utilized production of Native Pecan
and Seedling production.**



In 2018, Oklahoma Dairy Producers generated more than \$127.8 million in cash receipts.

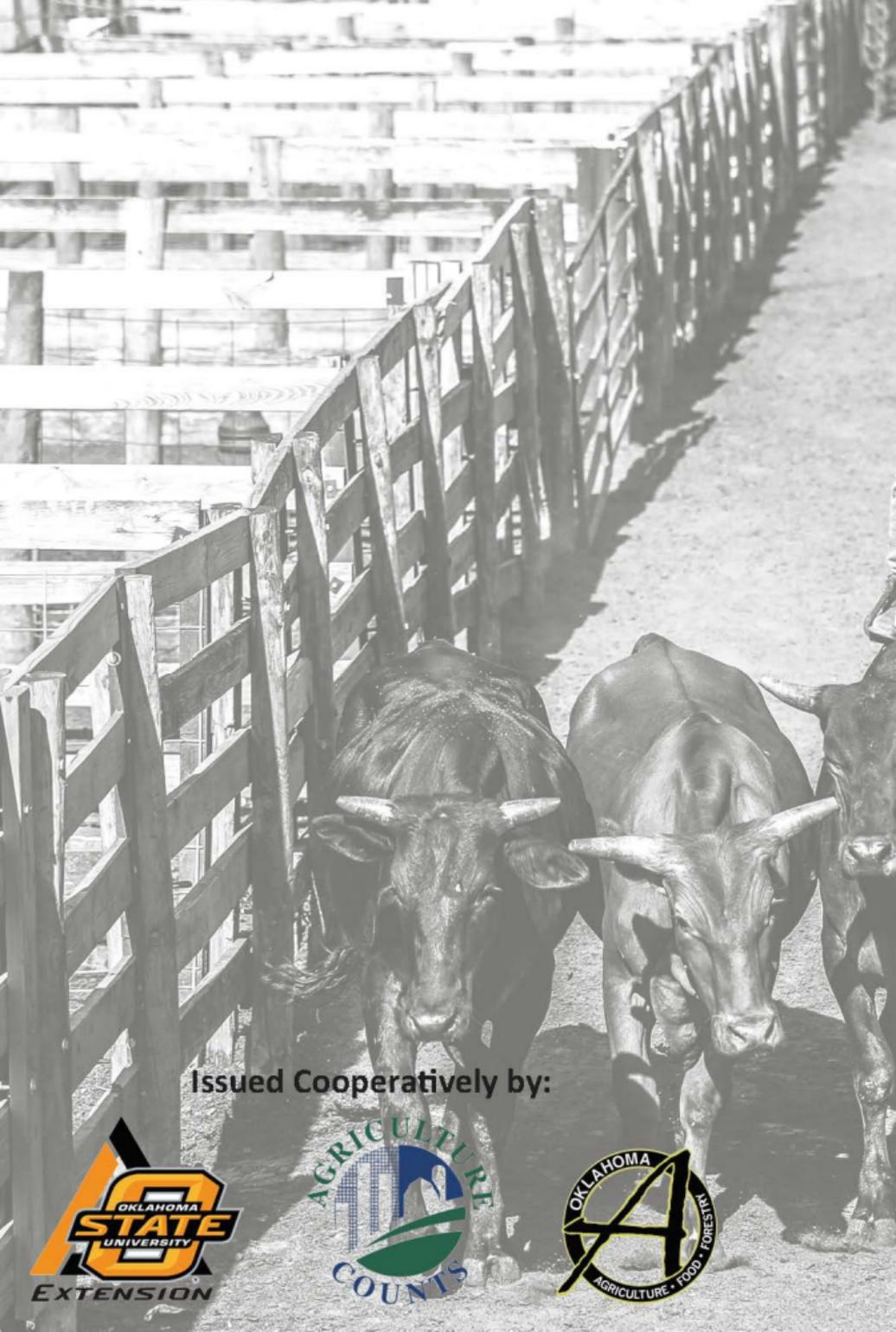


**In 2019, with 77,300 farms, Oklahoma had the
5th most number farms in the nation.**



This pamphlet summarizes information from several sources. The [2019 Oklahoma Ag Statistics Bulletin](http://nass.usda.gov/ok), available at nass.usda.gov/ok, contains detailed statistics about agricultural production, while [Contributions of Agriculture to Oklahoma's Economy: 2015](http://www.agecon.okstate.edu/econimpact), available at www.agecon.okstate.edu/econimpact provides more information about the economic contribution of the industry to the state's economy.

Printed copies of the Oklahoma Agriculture Statistics Bulletin and Oklahoma Agriculture Pocket Facts are available on a limited basis and may be obtained by contacting the USDA-NASS Oklahoma Field Office at 405.415.8850



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