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CROP VALUES

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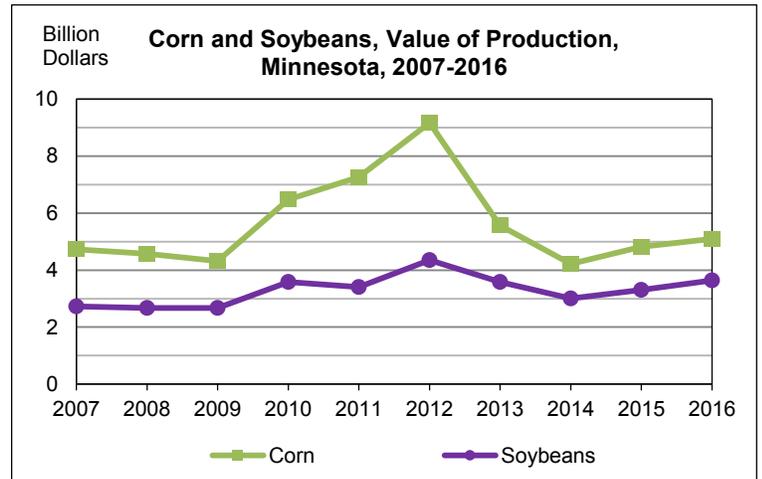
Crop Values
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Estimates

The production of Minnesota's **field and miscellaneous crops** was valued at \$10.3 billion in 2016. This was a 5 percent increase from 2015.

The value of **corn for grain** production totaled \$5.10 billion, up 6 percent from the previous year, and production was up 8 percent. Minnesota's corn price averaged \$3.30 per bushel, a decrease of \$0.07 from the last marketing year.

Up 10 percent from 2015, the value of **soybean** production was \$3.64 billion, and production was up 4 percent. The average price increased \$0.50 from the previous year to \$9.25 per bushel.

Value of production increased in 2016 from 2015 for canola and potatoes. Oats, barley, spring and winter wheat, all sunflowers, alfalfa hay, other hay, all forage, and dry edible bean value of production decreased from last year. Sugarbeet value of production increased in 2015 from 2014.



Crop Values Summary – Minnesota and United States: 2015-2016

	Minnesota				United States			
	Market Year Average Price per Unit		Value of Production		Market Year Average Price per Unit		Value of Production	
	2015	2016	2015	2016	2015	2016	2015	2016
	(dollars)		(1,000 dollars)		(dollars)		(1,000 dollars)	
Field and Misc. Crops ¹	(NA)	(NA)	9,866,268	10,347,055	(NA)	(NA)	136,484,289	143,395,800
Barley.....bu	5.34	4.15	49,342	21,638	5.52	4.95	1,149,831	942,180
Canola.....cwt	18.30	17.60	7,397	8,228	15.60	16.40	448,552	493,833
Corn.....bu	3.37	3.30	4,815,056	5,095,200	3.61	3.40	49,339,261	51,703,698
Dry Edible Beans.....cwt	30.50	29.60	118,828	97,058	27.30	30.20	866,222	871,407
Forage, All ²ton	(NA)	(NA)	490,913	443,945	(NA)	(NA)	18,790,498	17,596,499
Hay, All.....ton	89.50	69.00	360,148	331,700	145.00	132.00	16,548,834	15,625,517
Hay, Alfalfa.....ton	100.00	81.50	283,500	277,100	158.00	138.00	8,471,797	7,472,392
Hay, Other.....ton	67.00	52.50	76,648	54,600	121.00	117.00	8,077,037	8,153,125
Oats.....bu	2.01	2.05	25,085	16,728	2.12	2.00	214,575	151,335
Potatoes, Fall.....cwt	10.00	11.80	162,000	197,886	8.26	8.26	3,346,715	3,354,159
Soybeans.....bu	8.75	9.25	3,303,125	3,642,188	8.95	9.50	35,192,058	40,943,775
Sugarbeets ³ton	46.40	(NA)	565,152	(NA)	47.20	(NA)	1,667,874	(NA)
Sunflowers, All.....cwt	21.00	19.40	36,223	23,119	19.60	17.40	574,156	470,120
Sunflowers, Non-Oil.....cwt	28.00	27.80	11,844	4,879	26.60	21.50	139,361	64,525
Sunflowers, Oil.....cwt	19.70	19.00	24,379	18,240	18.20	17.00	434,795	405,595
Wheat, All.....bu	4.69	4.40	413,934	328,560	4.89	3.85	10,018,323	9,104,215
Wheat, Winter.....bu	4.28	3.00	10,674	1,464	4.80	3.60	6,555,216	6,109,342
Wheat, Other Spring.....bu	4.70	4.40	403,260	327,096	4.78	4.45	2,847,947	2,373,606

(NA) Not available. 1. Includes barley, canola, corn for grain, dry edible beans, hay, oats, potatoes, soybeans, sugarbeets, sunflowers, wheat, and miscellaneous crops. 2. Dry all hay price used to calculate haylage/greenchop portion of total value of production. 3. State prices and values for 2016 will be published in *Crop Values* released February 2018.

ROW CROPS COUNTY ESTIMATES

In 2016, five counties produced over 10 million bushels of soybeans, led by Polk with 13.2 million bushels. Redwood (11.4 million), Renville (11.1 million), Marshall (10.6 million), and Faribault (10.4 million) also topped 10 million bushels.

Three districts averaged over 55 bushels per acre, led by the South Central District, where yields averaged 59.8 bushels per acre. Following close behind was the Southeast District (59.7) and the Southwest District (58.1). Statewide, 9 counties averaged over 60 bushels per acre, with Faribault County recording the highest yield in the State, at 64.1 bushels per acre. Rock and Olmsted (61.9), and Nicollet and Wabasha (61.7) rounded out the top five yields of the published counties.

Soybeans for Beans: Area Planted, Harvested, Yield and Production, Minnesota by County, 2016

[Some county/district data does not meet publication standards. However, this unpublished data is included in "other counties/other districts".]

County and District	Area Planted	Area Harvested	Yield	Production	County and District	Area Planted	Area Harvested	Yield	Production
	<i>(acres)</i>		<i>(bushels)</i>			<i>(acres)</i>		<i>(bushels)</i>	
Becker	75,100	74,800	45.3	3,386,000	Cottonwood	156,500	155,800	59.9	9,329,000
Clay	173,000	171,700	44.4	7,632,000	Jackson	164,500	164,000	57.4	9,421,000
Clearwater	20,400	20,300	43.2	876,000	Lincoln	100,000	99,700	58.8	5,858,000
Kittson	147,500	146,100	34.2	5,000,000	Lyon	151,500	150,900	59.5	8,973,000
Mahnomen	66,000	65,700	44.9	2,951,000	Murray	171,000	170,400	58.2	9,913,000
Marshall	295,000	293,500	36.2	10,629,000	Nobles	178,500	177,900	54.8	9,757,000
Norman	187,000	184,500	41.8	7,716,000	Pipestone	90,000	89,600	58.3	5,222,000
Pennington	140,000	139,300	40.1	5,592,000	Redwood	204,500	201,500	56.7	11,419,000
Polk	302,000	299,500	44.0	13,171,000	Rock	108,500	108,200	61.9	6,698,000
Red Lake	87,500	86,900	44.9	3,902,000	Southwest	1,325,000	1,318,000	58.1	76,590,000
Roseau	164,500	163,700	35.6	5,834,000	Blue Earth	168,000	167,100	59.3	9,913,000
Northwest	1,658,000	1,646,000	40.5	66,689,000	Brown	122,500	121,300	53.7	6,512,000
Big Stone	112,500	111,900	51.8	5,799,000	Faribault	163,500	162,800	64.1	10,429,000
Chippewa	106,000	105,400	52.8	5,563,000	Freeborn	136,000	135,200	59.8	8,081,000
Douglas	68,900	68,500	52.5	3,594,000	Le Sueur	89,300	88,800	57.5	5,104,000
Grant	111,000	110,400	50.8	5,607,000	Martin	150,000	149,100	61.4	9,152,000
Lac Qui Parle	177,500	176,200	56.5	9,958,000	Nicollet	74,700	74,200	61.7	4,577,000
Otter Tail	154,000	153,200	48.3	7,403,000	Rice	65,500	65,100	58.4	3,804,000
Pope	83,100	82,400	52.2	4,303,000	Steele	75,100	74,200	59.8	4,436,000
Stevens	107,000	106,400	52.7	5,607,000	Waseca	79,200	78,800	61.6	4,854,000
Swift	124,500	123,800	56.0	6,935,000	Watsonwan	98,200	97,400	59.1	5,752,000
Traverse	142,000	141,200	50.8	7,170,000	South Central ..	1,222,000	1,214,000	59.8	72,614,000
Wilkin	165,500	164,600	44.5	7,332,000	Dakota	48,300	48,100	58.8	2,829,000
Yellow Medicine	168,000	167,000	56.3	9,401,000	Dodge	82,700	82,300	59.3	4,881,000
West Central ...	1,520,000	1,511,000	52.1	78,672,000	Fillmore	86,800	86,500	58.4	5,051,000
Benton	34,700	33,500	49.9	1,670,000	Goodhue	94,800	94,400	61.0	5,756,000
Carver	42,500	42,300	58.6	2,479,000	Houston	29,200	29,000	56.8	1,647,000
Kandiyohi	105,500	105,000	53.5	5,621,000	Mower	146,000	145,400	58.7	8,540,000
McLeod	83,000	82,600	51.9	4,291,000	Olmsted	76,300	76,000	61.9	4,708,000
Meeker	90,700	89,900	48.7	4,380,000	Wabasha	37,000	36,600	61.7	2,260,000
Morrison	33,600	33,300	50.8	1,693,000	Winona	29,900	29,700	60.3	1,792,000
Renville	202,000	200,000	55.4	11,072,000	Southeast	631,000	628,000	59.7	37,464,000
Scott	30,500	30,400	59.3	1,802,000	Other Districts.	72,000	70,200	36.8	2,586,000
Sibley	107,000	106,500	58.0	6,172,000	Minnesota	7,550,000	7,500,000	52.5	393,750,000
Stearns	96,600	96,000	55.1	5,293,000					
Todd	50,000	49,500	49.0	2,426,000					
Wright	73,600	72,900	54.8	3,994,000					
Other counties ..	26,300	26,100	50.3	1,312,000					
Central	976,000	968,000	53.9	52,205,000					
Anoka	3,800	3,800	50.5	192,000					
Chisago	26,100	25,900	46.1	1,193,000					
Hennepin	13,300	13,200	55.8	737,000					
Isanti	28,500	28,200	43.7	1,232,000					
Kanabec	12,800	12,700	49.4	628,000					
Mille Lacs	18,200	18,000	49.9	898,000					
Washington	14,000	13,900	59.2	823,000					
Other counties ..	29,300	29,100	42.2	1,227,000					
East Central ...	146,000	144,800	47.9	6,930,000					

The South Central District in Minnesota was the largest corn producing district in Minnesota in 2016 with 331 million bushels. Renville County was the largest corn producing county with 56.8 million bushels. Martin, Redwood, Faribault, and Mower rounded out the top five.

Four of the top five yielding counties came out of the South Central District. Nicollet led all counties with a county average yield of 209.4 bushels per acre. Faribault (208.5), Martin (207.6), Stevens (205.2), and Waseca (204.6) Counties rounded out the top five. Fourteen of the published counties surpassed the 200 bushel per acre yield mark.

Corn: Area Planted For All Purposes, Area Harvested for Grain, Yield and Production, Minnesota by County, 2016

[Some county/district data does not meet publication standards. However, this unpublished data is included in "other counties/other districts".]

County and District	Area Planted for all Purposes	Area Harvested for Grain	Yield	Production	County and District	Area Planted for all Purposes	Area Harvested for Grain	Yield	Production
	<i>(acres)</i>		<i>(bushels)</i>			<i>(acres)</i>		<i>(bushels)</i>	
Becker	64,400	54,700	165.6	9,056,000	Aitkin	1,400	650	113.5	73,800
Clay	140,500	135,000	181.7	24,536,000	Anoka	6,900	6,730	166.7	1,122,000
Kittson	17,300	15,900	144.3	2,295,000	Carlton.....	500	120	126.7	15,200
Mahnomen	41,200	39,900	165.6	6,606,000	Chisago	27,900	24,400	144.6	3,529,000
Marshall	49,000	47,200	141.2	6,666,000	Crow Wing.....	10,200	7,600	129.5	984,000
Norman	109,500	106,100	167.2	17,736,000	Hennepin	15,000	14,300	186.6	2,669,000
Polk	90,800	85,300	166.2	14,181,000	Kanabec	17,400	16,000	165.4	2,647,000
Red Lake.....	20,900	18,000	171.4	3,086,000	Mille Lacs	23,700	19,200	173.4	3,329,000
Other counties .	34,400	23,900	146.2	3,495,000	Washington	19,600	18,600	189.2	3,520,000
Northwest	568,000	526,000	166.6	87,657,000	Other counties .	53,400	47,400	148.9	7,056,000
Beltrami	4,600	1,870	150.3	281,000	East Central ...	176,000	155,000	160.9	24,945,000
Cass	7,800	4,870	150.3	732,000	Cottonwood	180,000	177,200	200.3	35,500,000
Hubbard	9,800	8,350	180.4	1,506,000	Jackson	192,500	189,400	194.1	36,767,000
Other counties .	2,300	1,710	148.5	254,000	Lincoln	115,500	111,100	203.6	22,623,000
North Central ..	24,500	16,800	165.1	2,773,000	Lyon	191,000	184,200	203.5	37,477,000
St. Louis	500	200	155.0	31,000	Murray	180,000	164,900	200.4	33,054,000
Other counties .	(NA)	(NA)	(NA)	(NA)	Nobles	209,500	200,500	187.4	37,572,000
Northeast	500	200	155.0	31,000	Pipestone	111,500	103,600	199.5	20,673,000
Big Stone	97,900	95,000	188.1	17,872,000	Redwood	238,500	232,500	202.8	47,156,000
Chippewa	153,000	149,400	199.6	29,824,000	Rock	142,500	134,600	201.2	27,082,000
Douglas	63,600	59,600	188.7	11,244,000	Southwest	1,561,000	1,498,000	198.9	297,904,000
Grant	136,000	132,400	197.8	26,191,000	Blue Earth	193,000	189,900	190.7	36,219,000
Lac Qui Parle ...	178,000	173,800	196.4	34,130,000	Brown	160,500	154,200	191.2	29,478,000
Otter Tail	174,000	160,200	185.8	29,769,000	Faribault	216,500	213,000	208.5	44,400,000
Pope	115,500	110,800	194.4	21,535,000	Freeborn	210,000	206,000	193.7	39,912,000
Stevens	154,500	139,900	205.2	28,712,000	Le Sueur	98,700	95,900	196.2	18,820,000
Swift	191,500	183,700	199.9	36,727,000	Martin	239,500	236,000	207.6	49,000,000
Traverse	142,000	138,700	194.7	27,010,000	Nicollet	123,500	120,000	209.4	25,127,000
Wilkin	120,000	117,300	183.9	21,568,000	Rice	87,800	85,100	188.3	16,028,000
Yellow Medicine	199,000	194,200	200.0	38,846,000	Steele	118,000	115,200	201.4	23,199,000
West Central ...	1,725,000	1,655,000	195.4	323,428,000	Waseca	119,000	117,600	204.6	24,062,000
Benton	58,800	51,400	169.3	8,702,000	Watonwan	134,500	131,100	187.4	24,570,000
Carver	63,400	60,100	193.5	11,631,000	South Central .	1,701,000	1,664,000	198.8	330,815,000
Kandiyohi	174,000	161,000	196.4	31,617,000	Dakota	92,300	89,100	195.9	17,454,000
Mcleod	116,500	113,400	187.3	21,239,000	Dodge	128,000	123,300	203.0	25,033,000
Meeker	124,500	119,400	183.3	21,885,000	Fillmore	186,000	172,700	198.2	34,236,000
Morrison	102,500	89,000	163.0	14,510,000	Goodhue	159,500	148,600	192.7	28,629,000
Renville	290,000	285,500	198.8	56,755,000	Houston	61,200	55,600	190.2	10,575,000
Scott	34,500	29,600	195.2	5,778,000	Mower	213,000	206,500	197.7	40,825,000
Sherburne	29,300	27,200	166.5	4,529,000	Olmsted	125,000	116,400	195.4	22,739,000
Sibley	162,000	156,000	201.4	31,417,000	Wabasha	94,600	87,100	193.5	16,858,000
Stearns	215,000	172,200	186.0	32,031,000	Winona	83,400	68,700	199.3	13,695,000
Todd	80,000	60,800	167.5	10,183,000	Southeast	1,143,000	1,068,000	196.7	210,044,000
Wadena	20,600	17,500	148.3	2,595,000	Minnesota	8,450,000	8,000,000	193.0	1,544,000,000
Wright	79,900	73,900	183.1	13,531,000					
Central	1,551,000	1,417,000	188.0	266,403,000					

(NA) Not applicable.

Minnesota producers in the Central District chopped 2.73 million tons of corn silage in 2016. This was 32 percent of the State total production. The Southeast District produced 1.58 million tons of silage, representing 19 percent of the State total.

Stearns, Stevens, and Fillmore were the top 3 silage producing counties with 924,000 tons, 325,000 tons, and 276,000 tons, respectively. Becker and Scott also produced over 100,000 tons of silage during the year.

Scott County had the highest average silage yield, at 24.5 tons per acre. Fillmore and Stevens tied for second with yields of 23.5 tons per acre. Seven counties had published yields of 20.0 tons or above.

Corn for Silage, Area Harvested, Yield and Production, Minnesota by County, 2016

[Some county/district data does not meet publication standards. However, this unpublished data is included in "other counties/other districts".]

County and District	Area Harvested for Grain	Yield	Production	County and District	Area Harvested for Grain	Yield	Production
	(acres)	(tons per acre)	(tons)		(acres)	(tons per acre)	(tons)
Becker.....	9,200	21.0	193,000	Atkin.....	650	16.5	10,800
Clay.....	3,400	17.0	58,000	Carlton.....	360	22.5	8,100
Pennington.....	810	18.0	14,600	Crow Wing.....	2,280	15.0	34,000
Red Lake.....	2,770	21.5	60,000	Other counties...	15,710	18.5	291,000
Other counties ...	15,820	16.5	258,400	East Central	19,000	18.0	344,000
Northwest	32,000	18.5	584,000	Other counties...	53,200	23.5	1,246,000
Stevens.....	13,700	23.5	325,000	Southwest	53,200	23.5	1,246,000
Other counties ...	46,300	20.0	933,000	Other counties...	25,000	21.5	535,000
West Central	60,000	21.0	1,258,000	South Central ..	25,000	21.5	535,000
Scott.....	4,300	24.5	105,000	Fillmore.....	11,800	23.5	276,000
Stearns.....	41,700	22.0	924,000	Other counties...	55,200	23.5	1,302,000
Other counties....	81,000	21.0	1,696,000	Southeast	67,000	23.5	1,578,000
Central	127,000	21.5	2,725,000	Other districts .	6,800	17.0	115,000
				Minnesota	390,000	21.5	8,385,000

In 2016, the Northwest District was the largest oil sunflower producing district in Minnesota with 78.8 million pounds, down 26 percent from 2015. The total oil sunflower production for Minnesota was 96.0 million pounds, down 22 percent from last year.

In the Northwest District, the yield decreased 140 pounds from the previous year to 1,500 pounds per acre for oil sunflowers. At the state level, the yield was 1,500 pounds per acre, down 9 percent from 2015.

Minnesota produced 17.6 million pounds of non-oil sunflowers, down 59 percent from 2015. Yield decreased 500 pounds from last year to 1,300 pounds per acre.

Oil Sunflowers: Area Planted, Harvested, Yield and Production, Minnesota, 2016

County and District	Area Planted	Area Harvested	Yield ¹	Production
	(acres)		(pounds)	(1,000 pounds)
Kittson.....	10,200	10,100	1,520	15,375
Norman.....	3,800	3,740	1,050	3,920
Roseau.....	10,100	9,910	1,470	14,550
Other counties....	29,500	28,750	1,560	44,955
Northwest	53,600	52,500	1,500	78,800
Otter Tail.....	1,400	1,300	1,040	1,350
Other counties....	4,800	4,450	1,560	6,920
West Central	6,200	5,750	1,440	8,270
Other Districts ..	6,200	5,750	1,550	8,930
Minnesota	66,000	64,000	1,500	96,000

(D) Not published to avoid disclosure of individual operations. 1. Yield per harvested acre is derived and published to the nearest ten pounds.

Non-Oil Sunflowers: Area Planted, Harvested, Yield and Production, Minnesota, 2016

State	Area Planted	Area Harvested	Yield	Production
	(acres)		(pounds)	(1,000 pounds)
Other Districts ..	14,000	13,500	1,300	17,550
Minnesota	14,000	13,500	1,300	17,550

1. Yield per harvested acre is derived and published to the nearest ten pounds.