



USDA
National Agricultural Statistics Service
Upper Midwest Region – Iowa Field Office
nassrfoumr@nass.usda.gov
www.nass.usda.gov

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CROP PRODUCTION 2016

Corn for grain production in Iowa for 2016 is estimated at 2.74 billion bushels, according to the USDA, National Agricultural Statistics Service *Crop Production 2016 Summary* report. This record high production is 9 percent above the previous record of 2.51 billion bushels set in 2015. Iowa has led the Nation in corn production for the last 23 consecutive years and 38 of the last 39 years. Iowa's corn for grain yield is estimated at 203 bushels per acre. This is the first time Iowa's average corn for grain yield has been over 200 bushels per acre. Area harvested for grain is estimated at 13.5 million acres, equal to the November 1 forecast but 450,000 acres above 2015. Corn planted for all purposes in 2016 is estimated at 13.9 million acres, equal to the November 1 estimate and the most planted acres since 2012.

Corn for silage production is estimated at 7.92 million tons, down 3 percent from 2015. The silage yield estimate of 24.0 tons per acre tied the record high, set in 2015. Producers harvested 330,000 acres of corn for silage, down 10,000 acres from 2015.

Soybean production is estimated at 572 million bushels in 2016. This is a record high production, topping the previous record of 554 million bushels set in 2015 by 3 percent. The Iowa soybean crop yielded 60.5 bushels per acre in 2016. This yield is also a new record high, 7 percent above the previous record of 56.5 bushels per acre set in 2015. The harvested acreage of 9.45 million is down 50,000 acres from the November 1 estimate, and 350,000 acres below 2015. Soybean planted acreage, at 9.50 million, is down 50,000 acres from November 1, and 350,000 acres below 2015.

All hay production for the state is estimated at 3.21 million tons, down 19 percent from the 3.94 million tons produced in 2015. Producers averaged 3.53 tons per acre, up from 3.40 tons in 2015. All hay harvested acres are estimated at 910,000, down 250,000 acres from 2015.

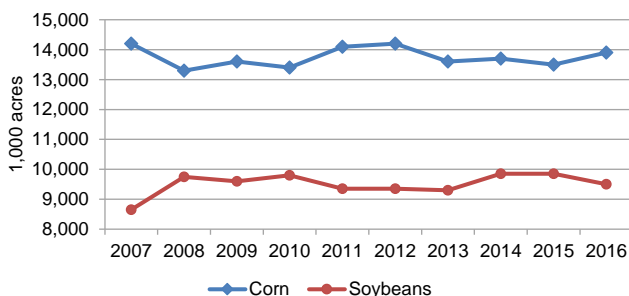
Alfalfa and alfalfa mixtures production is estimated at 2.31 million tons, down 23 percent from 2015. Producers averaged 4.2 tons per acre, up 0.3 tons from 2015. This ties the record high yield previously set in 2004. Harvested acres are down 220,000 from last year, to 550,000. Iowa producers seeded 80,000 acres of alfalfa in 2016, down 10,000 acres from 2015.

Other hay production is estimated at 900,000 tons, down 4 percent from 2015. Producers averaged 2.5 tons per acre, 0.1 ton per acre above the 2015 yield. Harvested acres of other hay, at 360,000, are 8 percent below 2015.

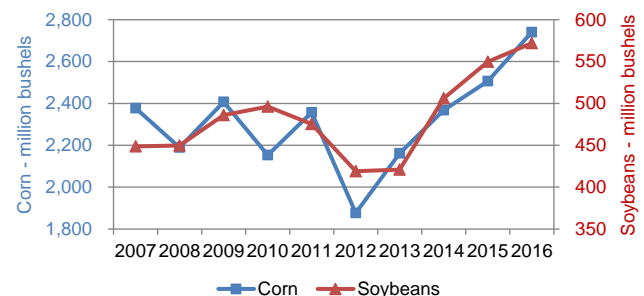
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Iowa: 2007-2016**



**Corn and Soybean Production
Iowa: 2007-2016**



The complete reports can be found under **Publications** on the USDA NASS website at www.nass.usda.gov.

Crop Production Summary - Iowa and United States: 2015-2016

Crop	Acres planted		Acres harvested		Yield per acre		Production	
	2015	2016	2015	2016	2015	2016	2015	2016
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)			(1,000)	(1,000)
IOWA								
Corn for grain ¹ bushels	13,500	13,900	13,050	13,500	192.0	203.0	2,505,600	2,740,500
Corn for silage..... tons	(NA)	(NA)	340	330	24.0	24.0	8,160	7,920
Hay, all..... tons	(NA)	(NA)	1,160	910	3.40	3.53	3,939	3,210
Hay, alfalfa..... tons	(NA)	(NA)	770	550	3.90	4.20	3,003	2,310
Hay, other..... tons	(NA)	(NA)	390	360	2.40	2.50	936	900
Oats..... bushels	125	120	57	43	73.0	76.0	4,161	3,268
Soybeans..... bushels	9,850	9,500	9,800	9,450	56.5	60.5	553,700	571,725
Wheat, winter..... bushels	20	25	15	17	52.0	63.0	780	1,071
UNITED STATES								
Corn for grain ¹ bushels	88,019	94,004	80,753	86,748	168.4	174.6	13,601,964	15,148,038
Corn for silage..... tons	(NA)	(NA)	6,237	6,186	20.4	20.3	127,311	125,670
Hay, all..... tons	(NA)	(NA)	54,447	53,461	2.47	2.52	134,502	134,781
Hay, alfalfa..... tons	(NA)	(NA)	17,778	16,885	3.32	3.45	58,974	58,263
Hay, other..... tons	(NA)	(NA)	36,669	36,576	2.06	2.09	75,528	76,518
Oats for grain..... bushels	3,088	2,828	1,276	981	70.2	66.0	89,535	64,770
Soybeans..... bushels	82,650	83,433	81,732	82,736	48.0	52.1	3,926,339	4,306,671
Wheat, winter..... bushels	39,681	36,137	32,346	30,222	42.5	55.3	1,374,690	1,671,532

(NA) Not available.

¹ Area planted for all purposes.

GRAIN STOCKS

Iowa corn stocks in all positions on December 1, 2016, totaled 2.41 billion bushels, up 10 percent from December 1, 2015, according to the latest USDA, National Agricultural Statistics Service – *Grain Stocks* report. This is the highest total corn stocks on record, surpassing the previous record set in 1988. Of the total stocks, 61 percent were stored on-farm. The September 2016 - November 2016 indicated disappearance totaled 753 million bushels, 9 percent above the 689 million bushels from the same period last year.

Iowa soybeans stored in all positions on December 1, 2016, totaled 458 million bushels, slightly above the 456 million bushels on hand December 1, 2015. Of the total stocks, 40 percent were stored on-farm. Indicated disappearance for September 2016 - November 2016 is 151 million bushels, 11 percent more than the 135 million bushels from the same quarter last year.

Iowa oats stocks stored on-farm on December 1, 2016, totaled 1.30 million bushels, down 19 percent from December 1, 2015.

Grain Stocks by Position – Iowa and United States: December 1, 2015 and 2016

Position and Grain	Iowa			United States		
	December 1, 2015	December 1, 2016	'16 as % of '15	December 1, 2015	December 1, 2016	'16 as % of '15
	(1,000 bushels)	(1,000 bushels)	(percent)	(1,000 bushels)	(1,000 bushels)	(percent)
On-Farm						
Corn	1,370,000	1,470,000	107	6,829,000	7,611,000	111
Oats	1,600	1,300	81	36,750	30,430	83
Soybeans	195,000	185,000	95	1,308,500	1,335,000	102
Wheat	(D)	(D)	(X)	503,450	571,280	113
Off-Farm¹						
Corn	819,120	936,418	114	4,406,178	4,772,797	108
Oats	(D)	(D)	(X)	45,981	45,102	98
Soybeans	260,673	272,832	105	1,405,577	1,560,050	111
Wheat	2,517	2,577	102	1,242,457	1,501,411	121
Total all positions						
Corn	2,189,120	2,406,418	110	11,235,178	12,383,797	110
Oats	(D)	(D)	(X)	82,731	75,532	91
Soybeans	455,673	457,832	100	2,714,077	2,895,050	107
Wheat	(D)	(D)	(X)	1,745,907	2,072,691	119

(D) Withheld to avoid disclosing data for individual operations.

(X) Not Applicable.

¹ Includes stocks at mills, elevators, warehouses, terminals, and processors.

HAY STOCKS

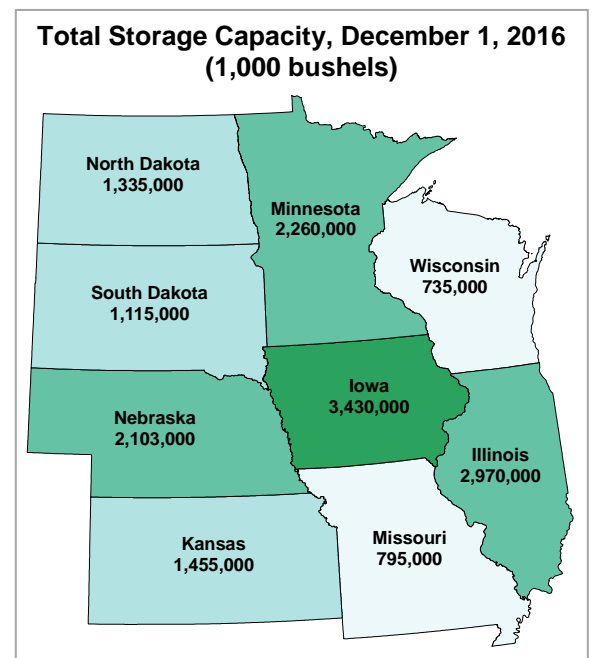
Dry hay stored on Iowa farms as of December 1, 2016, is estimated at 2.65 million tons, a decrease of 19 percent from December 1, 2015, according to the latest USDA, National Agricultural Statistics Service – *Crop Production* report. Disappearance from May 1, 2016, through December 1, 2016, totaled 1.18 million tons, compared with 1.36 million tons for the same period in 2015.

Hay Stocks on Farms – Iowa and United States: May 1 and December 1, 2015-2016

	May 1		December 1	
	2015	2016	2015	2016
	(1,000 tons)	(1,000 tons)	(1,000 tons)	(1,000 tons)
Iowa	700	620	3,280	2,650
United States	24,517	25,140	94,993	95,837

GRAIN STORAGE CAPACITY

Iowa on-farm storage capacity on December 1, 2016, was 2.00 billion bushels, unchanged from December 1, 2015, according to the latest USDA, National Agricultural Statistics Service – *Grain Stocks* report. Iowa's 890 off-farm storage facilities have a storage capacity of 1.43 billion bushels, unchanged from the previous year. As of December 1, 2016, Iowa had a total of 3.43 billion bushels of storage capacity, the largest total storage capacity of any State.



Grain Stocks Storage Capacity – Iowa and Selected States: December 1, 2015 and 2016

Position and Grain	On-Farm Storage Capacity		Off-Farm Storage Capacity		Total Storage Capacity	
	2015	2016	2015	2016	2015	2016
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Illinois	1,470,000	1,470,000	1,480,000	1,500,000	2,950,000	2,970,000
Iowa	2,000,000	2,000,000	1,430,000	1,430,000	3,430,000	3,430,000
Kansas	380,000	380,000	1,050,000	1,075,000	1,430,000	1,455,000
Minnesota	1,500,000	1,500,000	750,000	760,000	2,250,000	2,260,000
Missouri	530,000	530,000	250,000	265,000	780,000	795,000
Nebraska	1,180,000	1,180,000	915,000	923,000	2,095,000	2,103,000
North Dakota	880,000	880,000	424,000	455,000	1,304,000	1,335,000
South Dakota	710,000	710,000	394,000	405,000	1,104,000	1,115,000
Wisconsin	375,000	375,000	355,000	360,000	730,000	735,000
United States	13,235,000	13,251,000	10,897,670	11,065,905	24,132,670	24,316,905

COST OF POLLINATION

The total value for pollination of all crops in Region 1 for 2016 was 18.5 million dollars, down 2 percent from a year ago, according to the latest USDA, National Agricultural Statistics Service – Cost of Pollination report. Region 1 includes Connecticut, Illinois, Indiana, Iowa, Kansas, Massachusetts, Maine, Michigan, Nebraska, New Hampshire, New Jersey, New York, Ohio, Pennsylvania, Rhode Island, Vermont, and Wisconsin.

Blueberries had the highest total value of pollination of crops reported in Region 1 during in 2016. The price per colony for blueberries decreased 7 percent to \$88.20 per colony in 2016. The price per acre decreased 12 percent to \$147.00 per acre. The total value of pollination for blueberries in Region 1 for 2016 was 5.73 million dollars.

The price per colony for apples in Region 1 increased 8 percent to \$69.90 per colony in 2016. The price per acre increased 17 percent to \$33.00 dollars per acre in 2016. The total value of pollination for apples in Region 1 for 2016 was 3.22 million dollars.

Paid Pollinated Acres, Price per Acre, Colonies Used, Price per Colony, and Total Value of Pollination - Region 1: 2015-2016

Crop	Paid pollinated acres		Price per acre		Colonies used		Price per colony		Total value of pollination	
	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016
	(acres)	(acres)	(dollars)	(dollars)	(colonies)	(colonies)	(dollars)	(dollars)	(1,000 dollars)	(1,000 dollars)
Tree fruit										
Apple	78,300	83,400	28.30	33.00	35,000	46,000	64.60	69.90	2,261	3,215
Cherry	28,700	26,600	30.70	21.90	19,000	15,000	47.70	55.00	906	825
Peach	(NA)	2,150	(NA)	33.90	(NA)	2,200	(NA)	58.50	(NA)	129
Other tree fruit ¹	3,300	(NA)	29.70	(NA)	2,400	(NA)	55.00	(NA)	132	(NA)
Melons										
Watermelon	4,850	5,600	51.20	40.40	3,900	3,700	73.00	78.10	285	289
Berries										
Blueberry	44,900	37,500	167.00	147.00	85,000	65,000	94.70	88.20	8,050	5,733
Cranberry	30,800	30,300	166.00	167.00	72,000	66,000	70.50	77.90	5,076	5,141
Vegetables										
Cucumber	28,800	29,100	28.30	29.40	12,000	15,000	63.60	62.70	763	941
Pumpkin	11,500	11,200	35.40	32.40	7,500	11,000	76.70	76.80	575	845
Squash	8,500	9,400	27.00	32.30	4,600	7,500	57.50	74.10	265	556
Other vegetables ²	2,050	(NA)	25.40	(NA)	2,500	(NA)	49.90	(NA)	125	(NA)
All other ³	4,150	7,100	46.80	31.00	7,000	17,500	65.80	49.90	461	873

(NA) Not available.

¹ Includes other tree fruit not listed above. In 2015, this includes Peach. In 2016, this is included in the 'All Other' category.

² Includes other vegetables not listed above. In 2016, this is included in the 'All Other' category.

³ Includes any crops not categorized above.