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CROP PRODUCTION

Iowa **corn** production is forecast at 2.46 billion bushels according to the latest USDA, National Agricultural Statistics Service – *Crop Production* report. Based on conditions as of August 1, yields are expected to average 188 bushels per acre, a decrease of 15 bushels per acre from last year. If realized, this will be the third highest yield and production on record behind 2016 and 2015, respectively. Corn planted acreage is estimated at 13.5 million acres. An estimated 13.1 million of the acres planted will be harvested for grain.

Soybean production is forecast at 557 million bushels. If realized, this will be the second highest on record behind last year's 572 million bushels. The yield is forecast at 56.0 bushels per acre, 4.5 bushels less than 2016. If realized, this will be the third highest yield on record behind 2016 and 2015, respectively. Soybean planted acreage is estimated at 10.0 million acres with 9.95 million acres to be harvested.

Oat production for grain is forecast at 3.46 million bushels. The expected yield is 72.0 bushels per acre, down 4.0 bushels from 2016 but up 3.0 bushels from the July forecast. An estimated 48,000 acres will be harvested for grain.

Iowa hay yield for **alfalfa and alfalfa mixtures** is expected to be 3.60 tons per acre with a total production of 2.66 million tons, up 15 percent from the previous year. The projected yield for **other hay** is 2.00 tons per acre, with production at 740,000 tons, down 18 percent from 2016.

The forecasts in this report are based on August 1 conditions and do not reflect weather effects since that time. The next corn and soybean production forecasts, based on conditions as of September 1, will be released on September 12.

Area Harvested, Yield, and Production Summary – Iowa and United States: 2016 and Forecasted August 1, 2017

Crop	Area harvested		Yield per acre		Production	
	2016	2017	2016	2017	2016	2017
	(1,000 acres)	(1,000 acres)			(1,000)	(1,000)
IOWA						
Corn.....bushels	13,500	13,100	203.0	188.0	2,740,500	2,462,800
Hay, alfalfa..... tons	550	740	4.20	3.60	2,310	2,664
Hay, other..... tons	360	370	2.50	2.00	900	740
Oats.....bushels	43	48	76.0	72.0	3,268	3,456
Soybeans.....bushels	9,450	9,950	60.5	56.0	571,725	557,200
UNITED STATES						
Corn.....bushels	86,748	83,496	174.6	169.5	15,148,038	14,152,966
Hay, alfalfa..... tons	16,885	17,111	3.45	3.28	58,263	56,177
Hay, other..... tons	36,576	36,407	2.09	2.10	76,518	76,417
Oats.....bushels	981	880	66.0	61.0	64,770	53,719
Soybeans.....bushels	82,736	88,731	52.1	49.4	4,306,671	4,381,053

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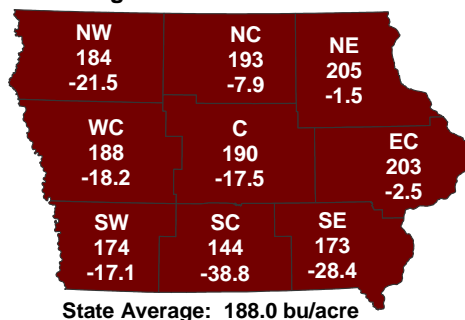
DISTRICT CROP PRODUCTION

Corn forecasted production and yield are down in all 9 Iowa districts. Northeast Iowa is anticipated to have the highest yield in the State, with 205.0 bushels per acre. The largest decrease in production is expected in Central Iowa, down 51.2 million bushels from 2016.

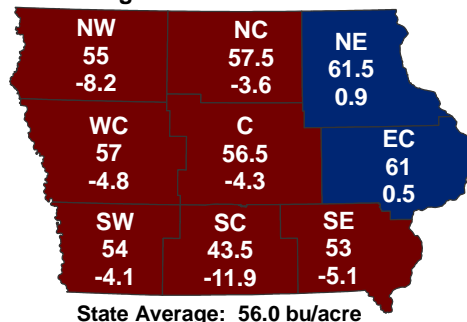
Soybean production and yield are forecast to be up in 2 Iowa districts. Northeast Iowa is expected to have the highest yield in the State, with 61.5 bushels per acre. North Central and Southwest Iowa are expected to have more production than the previous year, even though their yields decreased from 2016. The largest increase in production is expected in Northeast Iowa, up 3.68 million bushels from 2016.

All crop forecasts in this report are based on conditions on August 1 and do not reflect weather effects since that time. The next district corn and soybean production forecasts, based on conditions as of September 1, will be released on September 12.

Corn Yield: August 1, 2017
Bushels per Acre and
Change from Previous Year



Soybean Yield: August 1, 2017
Bushels per Acre and
Change from Previous Year



Corn – Iowa Districts: 2016 and Forecasted August 1, 2017

District	Harvested for Grain		Yield/acre		Production	
	2016	2017	2016	2017 ¹	2016	2017
	(1,000 acres)	(1,000 acres)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)
NW	1,905	1,897	205.5	184.0	391,500	348,533
NC	1,992	1,893	200.9	193.0	400,156	365,121
NE	1,645	1,579	206.5	205.0	339,758	323,775
WC	2,031	1,992	206.2	188.0	418,735	374,162
C	2,000	1,910	207.5	190.0	414,981	363,793
EC	1,393	1,343	205.5	203.0	286,278	272,465
SW	1,080	1,063	191.1	174.0	206,341	185,187
SC	542	549	182.8	144.0	99,051	78,911
SE	912	874	201.4	173.0	183,700	150,853
State	13,500	13,100	203.0	188.0	2,740,500	2,462,800

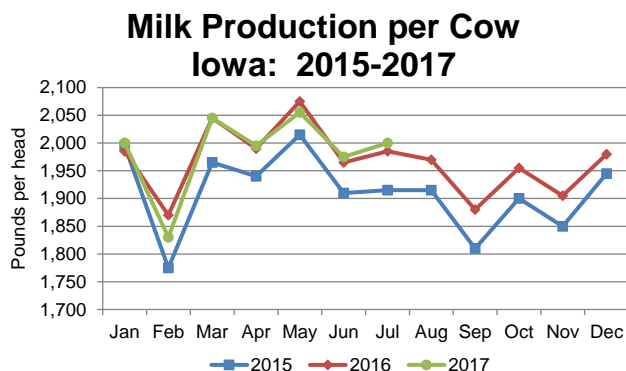
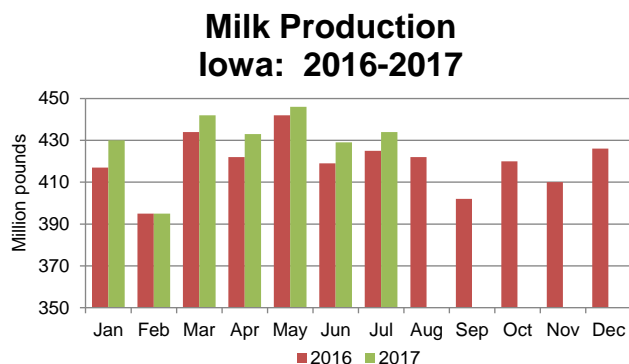
¹ Yield rounded

Soybeans – Iowa Districts: 2016 and Forecasted August 1, 2017

District	Harvested for Grain		Yield/acre		Production	
	2016	2017	2016	2017 ¹	2016	2017
	(1,000 acres)	(1,000 acres)	(bushels)	(bushels)	(1,000 bushels)	(1,000 bushels)
NW	1,511	1,555	63.2	55.0	95,565	85,555
NC	1,144	1,244	61.1	57.5	69,912	71,560
NE	754	802	60.6	61.5	45,672	49,348
WC	1,438	1,554	61.8	57.0	88,806	88,608
C	1,331	1,397	60.8	56.5	80,962	78,956
EC	933	965	60.5	61.0	56,473	58,890
SW	953	1,031	58.1	54.0	55,396	55,694
SC	602	606	55.4	43.5	33,360	26,376
SE	784	796	58.1	53.0	45,579	42,213
State	9,450	9,950	60.5	56.0	571,725	557,200

MILK PRODUCTION

Milk production in Iowa during July 2017 totaled 434 million pounds, up 2 percent from the previous July according to the latest USDA, National Agricultural Statistics Service – *Milk Production* report. The average number of milk cows during July, at 217,000 head, was the same as last month and 3,000 more than last year. Monthly production per cow averaged 2,000 pounds, up 15 pounds from last July.



Milk Cows and Production – Selected States: July 2016 and 2017

State	Milk Cows ¹		Milk Per Cow ²		Milk Production ²		
	2016	2017	2016	2017	2016	2017	Change from 2016
	(1,000 head)	(1,000 head)	(pounds)	(pounds)	(million pounds)	(million pounds)	(percent)
Arizona	196	203	1,940	1,990	380	404	6.3
California	1,760	1,747	1,920	1,930	3,379	3,372	-0.2
Colorado	152	160	2,225	2,255	338	361	6.8
Florida	121	124	1,645	1,635	199	203	2.0
Idaho	599	601	2,165	2,155	1,297	1,295	-0.2
Illinois	94	93	1,660	1,700	156	158	1.3
Indiana	184	186	1,870	1,870	344	348	1.2
Iowa	214	217	1,985	2,000	425	434	2.1
Kansas	145	151	1,880	1,880	273	284	4.0
Michigan	420	427	2,220	2,245	932	959	2.9
Minnesota	462	458	1,765	1,835	815	840	3.1
New Mexico	313	332	2,080	2,125	651	706	8.4
New York	620	624	2,050	2,035	1,271	1,270	-0.1
Ohio	266	262	1,770	1,790	471	469	-0.4
Oregon	125	124	1,785	1,745	223	216	-3.1
Pennsylvania	530	525	1,720	1,730	912	908	-0.4
South Dakota	115	118	1,870	1,895	215	224	4.2
Texas	480	515	1,860	1,990	893	1,025	14.8
Utah	90	96	1,970	2,020	177	194	9.6
Vermont	130	129	1,770	1,800	230	232	0.9
Virginia	89	87	1,585	1,600	141	139	-1.4
Washington	275	273	2,080	2,050	572	560	-2.1
Wisconsin	1,278	1,278	2,010	2,025	2,569	2,588	0.7
23-State Total	8,658	8,730	1,948	1,969	16,863	17,189	1.9

¹ Includes dry cows, excludes heifers not yet fresh.

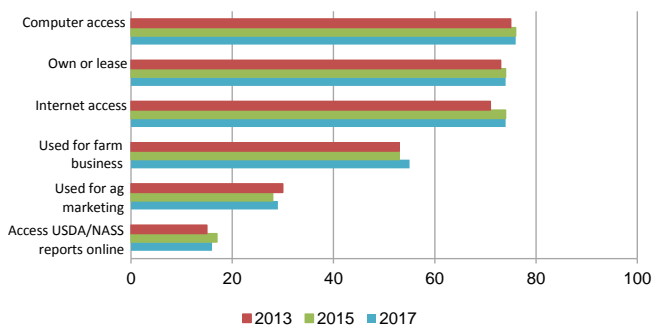
² Excludes milk sucked by calves

FARM COMPUTER USE

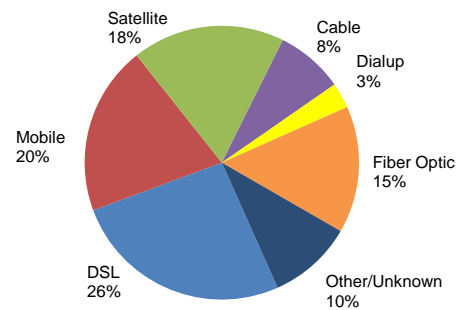
Seventy-four percent of Iowa farms own or lease a computer, 2 percentage points higher than the U.S. percentage, according to the latest USDA, National Agricultural Statistics Service *Farm Computer Use* report. Seventy-six percent of Iowa farms report having access to a computer, unchanged from 2015. Farms using computers for their farm business increased to 55 percent, up 2 percentage points from 2015 and still well above the national percentage, which rose to 47 percent.

Seventy-four percent of Iowa farms have Internet access, unchanged from 2015. DSL (Digital Subscriber Line) connection is now the most common method of accessing the Internet, with 26 percent of farms in Iowa with access to the Internet utilizing DSL. In 2017, dialup service declined to 3 percent, down from 5 percent in 2015. The proportion of Iowa farms using satellite service decreased to 18 percent and cable modem service increased to 8 percent.

Farm Computer Usage and Ownership by Percent - Iowa



Primary Method of Internet Access - Iowa: 2017



Farm Computer Usage – Iowa and United States: 2013, 2015, and 2017

Farms	Iowa			United States		
	2013 (percent)	2015 (percent)	2017 (percent)	2013 (percent)	2015 (percent)	2017 (percent)
With computer access.....	75	76	76	70	73	73
Own or lease computers.....	73	74	74	68	71	72
Use computers for farm business.....	53	53	55	40	43	47
With Internet access.....	71	74	74	67	70	71
Purchase agricultural inputs over Internet.....	19	22	22	16	19	23
Conduct agricultural marketing activities over Internet.....	30	28	29	14	16	18
Access USDA/NASS reports over Internet.....	15	17	16	8	10	11
Access other USDA reports over Internet.....	23	25	23	14	17	18
Access other federal government websites over Internet.....	15	18	16	14	17	18
Conduct business with any USDA website.....	9	11	12	6	9	10
Conduct business with any other federal government website.....	6	8	9	5	7	8
Conduct business with any non-agricultural website.....	46	46	44	40	44	44
Primary method of Internet access						
Dialup.....	6	5	3	5	3	2
DSL.....	34	26	26	35	30	29
Cable.....	10	6	8	13	12	15
Fiber optic.....	(NA)	(NA)	15	(NA)	(NA)	8
Mobile.....	(NA)	(NA)	20	(NA)	(NA)	17
Satellite.....	14	19	18	17	21	21
Other/Unknown.....	7	8	10	6	5	8