



MILK PRODUCTION

Milk production in Iowa during September 2017 totaled 420 million pounds, up 4 percent from the previous September according to the latest USDA, National Agricultural Statistics Service – *Milk Production* report. The average number of milk cows during September, at 219,000 head, was the same as last month and 5,000 head more than last year. Monthly production per cow averaged 1,920 pounds, up 40 pounds from last September.

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Milk Cows and Production – Selected States: September 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	197	203	1,815	1,820	358	369	3.1
California	1,758	1,746	1,805	1,755	3,173	3,064	-3.4
Colorado	152	162	2,130	2,150	324	348	7.4
Florida	120	123	1,450	1,400	174	172	-1.1
Idaho	599	603	2,045	2,035	1,225	1,227	0.2
Illinois	94	93	1,560	1,600	147	149	1.4
Indiana	184	187	1,805	1,820	332	340	2.4
Iowa	214	219	1,880	1,920	402	420	4.5
Kansas	147	152	1,835	1,870	270	284	5.2
Michigan	422	428	2,085	2,125	880	910	3.4
Minnesota	461	457	1,670	1,740	770	795	3.2
New Mexico	318	331	1,965	1,965	625	650	4.0
New York	620	624	1,950	1,930	1,209	1,204	-0.4
Ohio	264	264	1,675	1,710	442	451	2.0
Oregon	125	123	1,690	1,665	211	205	-2.8
Pennsylvania	527	525	1,630	1,665	859	874	1.7
South Dakota	115	118	1,800	1,830	207	216	4.3
Texas	485	515	1,790	1,855	868	955	10.0
Utah	91	97	1,900	1,910	173	185	6.9
Vermont	130	128	1,690	1,710	220	219	-0.5
Virginia	89	87	1,520	1,590	135	138	2.2
Washington	275	275	1,985	1,970	546	542	-0.7
Wisconsin	1,277	1,277	1,910	1,925	2,439	2,458	0.8
23-State Total	8,664	8,737	1,845	1,851	15,989	16,175	1.2

¹ Includes dry cows, excludes heifers not yet fresh.

² Excludes milk sucked by calves

CATTLE ON FEED

Cattle and calves on feed for the slaughter market in Iowa feedlots with a capacity of 1,000 or more head totaled 650,000 head on October 1, 2017, according to the latest USDA, National Agricultural Statistics Service – *Cattle on Feed* report. This was up 2 percent from September 1, 2017, and up 14 percent from October 1, 2016. Iowa feedlots with a capacity of less than 1,000 head had 435,000 head on feed, down 1 percent from last month and down 9 percent from last year. Cattle and calves on feed for the slaughter market in all Iowa feedlots totaled 1,085,000 head, up less than 1 percent from last month and up 3 percent from last year.

Placements of cattle and calves in Iowa feedlots with a capacity of 1,000 or more head during September totaled 106,000 head, an increase of 15 percent from last month and up 34 percent from last year. Feedlots with a capacity of less than 1,000 head placed 70,000 head, up 71 percent from last month but down 3 percent from last year. Placements for all feedlots in Iowa totaled 176,000 head, up 32 percent from last month and up 17 percent from last year.

Marketings of fed cattle from Iowa feedlots with a capacity of 1,000 or more head during September totaled 95,000 head, down 6 percent from last month but up 9 percent from last year. Feedlots with a capacity of less than 1,000 head marketed 73,000 head, up 22

percent from last month but down 14 percent from last year. Marketings for all feedlots in Iowa were 168,000 head, up 4 percent from last month but down 2 percent from last year. **Other disappearance** from all feedlots in Iowa totaled 3,000 head.

All Cattle on Feed ¹, Iowa

Item	Feedlots 1,000+ capacity		Feedlots less than 1,000 capacity		All feedlots	
	(1,000 head)		(1,000 head)		(1,000 head)	
Cattle on feed ¹ , September 1, 2017.....	640		440		1,080	
September placements	106		70		176	
September marketings	95		73		168	
September other disappearance ²	1		2		3	
Cattle on feed, October 1, 2017.....	650		435		1,085	

¹ Cattle on feed are steers and heifers being fed a ration of grain, silage, hay and/or protein supplement for slaughter market that are expected to produce a carcass that will grade select or better. It excludes cattle being "backgrounded only" for later sale as feeders or later placement in another feedlot.

² Includes death loss, movement from feedlots to pasture, and shipments to other feedlots for further feeding.

Cattle on Feed, Placements, Marketings, and Other Disappearance by Month, 1,000+ Capacity Feedlots – Selected States and United States: 2016-2017

State	Cattle on feed ¹ October 1			Placements during September			Marketings during September			September disappearance other than slaughter ²		
	2016	2017	'17 as % of '16	2016	2017	'17 as % of '16	2016	2017	'17 as % of '16	2016	2017	'17 as % of '16
	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)	(1,000 head)	(1,000 head)	(percent)
Arizona.....	263	248	94	14	20	143	21	15	71	1	1	100
California.....	415	430	104	52	56	108	40	44	110	2	2	100
Colorado.....	850	940	111	225	250	111	170	165	97	5	5	100
Idaho.....	240	245	102	58	55	95	41	48	117	2	2	100
Iowa.....	570	650	114	79	106	134	87	95	109	2	1	50
Kansas.....	2,220	2,250	101	420	435	104	360	390	108	10	15	150
Minnesota.....	118	120	102	22	26	118	22	25	114	1	1	100
Nebraska.....	2,160	2,290	106	470	570	121	405	420	104	5	10	200
Oklahoma.....	290	320	110	48	63	131	57	56	98	1	2	200
South Dakota....	210	220	105	43	48	112	47	42	89	1	1	100
Texas.....	2,450	2,600	106	385	440	114	415	415	100	10	15	150
Washington.....	185	200	108	40	34	85	34	33	97	1	1	100
Other States.....	285	300	105	39	47	121	33	35	106	1	2	200
United States....	10,256	10,813	105	1,895	2,150	113	1,732	1,783	103	42	58	138

¹ Cattle on feed are steers and heifers being fed a ration of grain, silage, hay and/or protein supplement for slaughter market that are expected to produce a carcass that will grade select or better. It excludes cattle being "backgrounded only" for later sale as feeders or later placement in another feedlot.

² Includes death loss, movement from feedlots to pasture, and shipments to other feedlots for further feeding.

Cattle on Feed, Number on Feed by Class on 1,000+ Capacity Feedlots by Quarter – States and United States: 2016-2017

State	Steers & Steer Calves			Heifers & Heifer Calves		
	October 1, 2016	July 1, 2017	October 1, 2017	October 1, 2016	July 1, 2017	October 1, 2017
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Arizona.....	258	239	241	5	7	7
California.....	385	410	400	30	30	30
Colorado.....	565	575	560	285	355	380
Idaho.....	155	180	165	85	80	80
Iowa.....	410	510	480	160	160	170
Kansas.....	1,200	1,120	1,160	1,020	1,070	1,090
Minnesota.....	101	120	98	17	20	22
Nebraska.....	1,410	1,440	1,490	750	790	800
Oklahoma.....	185	190	185	105	135	135
South Dakota..	125	135	135	85	90	85
Texas.....	1,730	1,730	1,700	720	940	900
Washington.....	115	125	130	70	80	70
Other States.....	185	190	190	100	100	110
United States....	6,824	6,964	6,934	3,432	3,857	3,879

CROP PRODUCTION

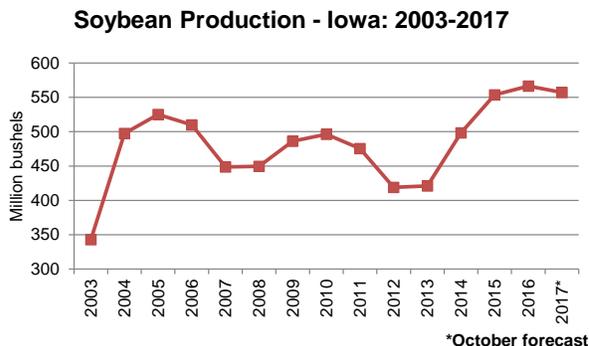
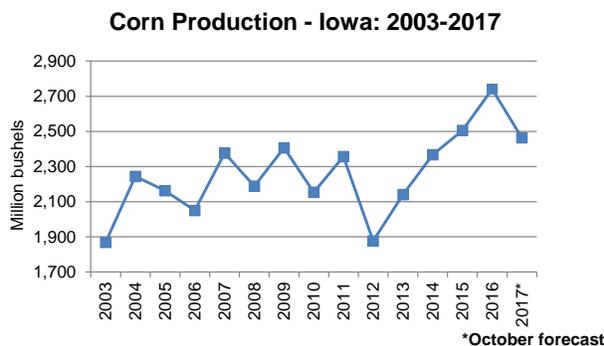
Iowa **corn** production is forecast at 2.46 billion bushels according to the latest USDA, National Agricultural Statistics Service – *Crop Production* report. Based on conditions as of October 1, yields are expected to average 191 bushels per acre, up 4 bushels per acre from the September 1 forecast but down 12 bushels per acre from last year. If realized, this will be the third highest yield and production on record behind 2016 and 2015, respectively. Acres to be harvested for grain remain unchanged at 12.9 million acres.

Soybean production is forecast at 557 million bushels. If realized, this will be the second highest production on record behind last year's 566 million bushels. The yield is forecast at 56.0 bushels per acre, down 1.0 bushel per acre from the September 1 forecast, and down 4.0 bushels per acre from 2016. If realized, this will be the third highest yield on record, behind 2016 and 2015. Area to be harvested remained unchanged at 9.95 million acres.

Production of **alfalfa and alfalfa mixtures for hay** is forecast at 2.52 million tons, an increase of 9 percent from the previous year. Yield is expected to average 3.40 tons per acre, down 0.80 ton from last year. Production of **other hay** is forecast at 740,000 tons, down 18 percent from last year. Yield for other hay is expected to average 2.00 tons per acre, down 0.50 ton from last year.

The forecasts in this report are based on October 1 conditions and do not reflect weather effects since that time. The next corn and soybean production forecasts, based on conditions as of November 1, will be released on November 9.

NOTE: Following a thorough review of all data, 2016 soybean acreage, yield and production have been revised. Harvested acreage has been revised to 9.44 million acres, down 10,000 acres from the previous estimate. The 2016 yield, at 60.0 bushels per acre, is down 0.5 bushel from the previous estimate. Production has been revised to 566 million bushels, down 5 million bushels from the previous estimate. Updated 2016 district and county estimates will be available in February 2018.



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

Crop	Area harvested		Yield per acre		Production	
	2016 (1,000 acres)	2017 (1,000 acres)	2016	2017	2016 (1,000)	2017 (1,000)
IOWA						
Corn..... (bu)	13,500	12,900	203.0	191.0	2,740,500	2,463,900
Hay, alfalfa.....(tons)	550	740	4.20	3.40	2,310	2,516
Hay, other.....(tons)	360	370	2.50	2.00	900	740
Soybeans..... (bu)	9,440	9,950	60.0	56.0	566,400	557,200
UNITED STATES						
Corn..... (bu)	86,748	83,119	174.6	171.8	15,148,038	14,280,112
Hay, alfalfa.....(tons)	16,885	17,111	3.45	3.27	58,263	56,022
Hay, other.....(tons)	36,576	36,407	2.09	2.08	76,518	75,886
Soybeans..... (bu)	82,696	89,471	52.0	49.5	4,296,086	4,430,621

CROP PRODUCTION DISTRICT ESTIMATES

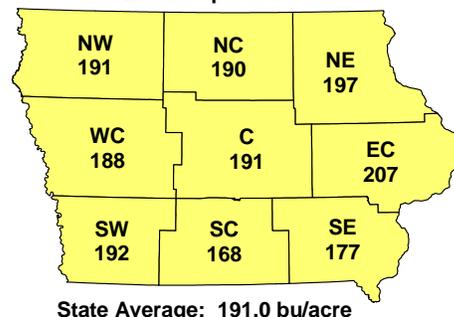
Corn forecasted yield is up in 8 Iowa districts from the September 1 forecast. East Central Iowa is anticipated to have the highest yield in the State, with 207.0 bushels per acre. The largest production is expected in Northwest Iowa, at 367 million bushels.

Soybean forecasted yields are down in 6 Iowa districts from the September 1 forecast. East Central Iowa is expected to have the highest yield in the State, with 60.5 bushels per acre. The largest production is expected in West Central Iowa, at 87.8 million bushels, just 3,000 bushels above the Northwest.

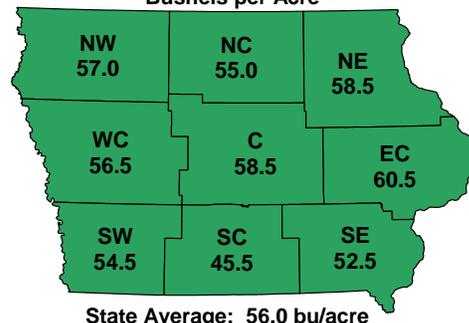
All crop forecasts in this report are based on conditions on October 1 and do not reflect weather effects since that time. The next district corn and soybean production forecasts, based on conditions as of November 1, will be released on November 9.

NOTE: Following a thorough review of all data, 2016 soybean acreage, yield and production have been revised. Harvested acreage has been revised to 9,440,000 acres, down 10,000 acres from the previous estimate. The 2016 yield, at 60.0 bushels per acre, is down 0.5 bushel from the previous estimate. Production has been revised to 566 million bushels, down 5.33 million bushels from the previous estimate. Updated 2016 district and county estimates will be available in February 2018.

Corn Yield: October 1, 2017
Bushels per Acre



Soybean Yield: October 1, 2017
Bushels per Acre



Corn – Iowa Districts: Forecasted October 1, 2017

District	Harvested for Grain (1,000 acres)	Yield/acre ¹ (bushels)	Production (1,000 bushels)
NW	1,922	191.0	367,169
NC	1,821	190.0	345,308
NE	1,587	197.0	312,257
WC	1,922	188.0	361,733
C	1,892	191.0	360,475
EC	1,357	207.0	281,461
SW	1,019	192.0	195,228
SC	490	168.0	82,332
SE	890	177.0	157,937
State	12,900	191.0	2,463,900

¹ Yield rounded

Soybeans – Iowa Districts: Forecasted October 1, 2017

District	Harvested for Grain (1,000 acres)	Yield/acre ¹ (bushels)	Production (1,000 bushels)
NW	1,543	57.0	87,834
NC	1,278	55.0	70,227
NE	806	58.5	47,111
WC	1,556	56.5	87,837
C	1,406	58.5	82,153
EC	969	60.5	58,582
SW	1,013	54.5	55,158
SC	576	45.5	26,180
SE	803	52.5	42,118
State	9,950	56.0	557,200

¹ Yield rounded