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GRAIN STOCKS

Corn stored in all positions in Minnesota on December 1, 2018, totaled 1.29 billion bushels, down 15 percent from December 1, 2017. Of the total stocks, 74 percent were stored on-farm. The September - November indicated disappearance totaled 309 million bushels, 36 percent more than the 228 million bushels from the same period last year.

Soybeans stored in all positions in Minnesota on December 1, 2018, totaled 339 million bushels, 10 percent above the 309 million bushels on hand December 1, 2017. Of the total stocks, 59 percent were stored on-farm. Indicated disappearance for September - November was 92.2 million bushels, 15 percent less than the 108 million bushels from the same quarter last year.

All wheat stored in all positions in Minnesota on December 1, 2018, totaled 93.8 million bushels, 16 percent more than December 1, 2017. Of the total stocks, 61 percent were stored on-farm. Indicated disappearance for September - November was 9.51 million bushels, 51 percent below the 19.5 million bushels from the same quarter last year.

Barley stored in all positions in Minnesota on December 1, 2018, totaled 8.71 million bushels, 21 percent less than the stocks on December 1, 2017. Of the total stocks, 37 percent were stored on-farm.

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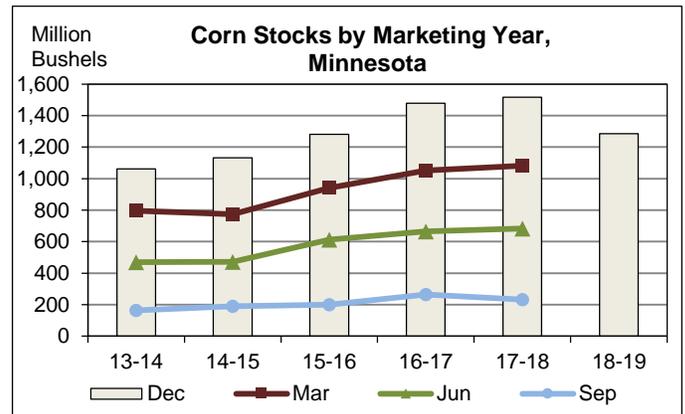
Grain Storage

Capacity

Hay Stocks

2018 Crop

Production



Grain Stocks by Position – Minnesota and United States: December 1, 2017 and 2018

Position and Grain	Minnesota			United States		
	December 1, 2017	December 1, 2018	'18 as % of '17	December 1, 2017	December 1, 2018	'18 as % of '17
	(1,000 bushels)	(1,000 bushels)	(percent)	(1,000 bushels)	(1,000 bushels)	(percent)
On-Farm						
Barley	2,600	3,200	123	74,340	71,960	97
Corn	1,120,000	950,000	85	7,739,000	7,451,000	96
Oats	3,800	3,200	84	23,300	25,410	109
Soybeans	170,000	200,000	118	1,485,000	1,935,000	130
Wheat	45,500	57,000	125	394,180	503,980	128
Off-Farm ¹						
Barley	8,416	5,508	65	84,528	80,761	96
Corn	397,499	335,562	84	4,827,501	4,501,444	93
Oats	(D)	(D)	(X)	43,166	41,824	97
Soybeans	138,794	139,097	100	1,675,679	1,801,212	107
Wheat	35,293	36,763	104	1,479,335	1,465,304	101
Total all positions						
Barley	11,016	8,708	79	158,868	152,721	96
Corn	1,517,499	1,285,562	85	12,566,501	11,952,444	95
Oats	(D)	(D)	(X)	66,466	67,234	101
Soybeans	308,794	339,097	110	3,160,679	3,736,212	118
Wheat	80,793	93,763	116	1,873,515	1,999,284	107

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

(X) Not Applicable.

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

Nationally, corn stored in all positions on December 1, 2018 totaled 12.0 billion bushels, down 5 percent from December 1, 2017. Of the total stocks, 7.45 billion bushels are stored on farms, down 4 percent from a year earlier. Off-farm stocks, at 4.50 billion bushels, are down 7 percent from a year ago. The September - November 2018 indicated disappearance is 4.61 billion bushels, compared with 4.34 billion bushels during the same period last year.

Soybeans stored in all positions on December 1, 2018 totaled 3.74 billion bushels, up 18 percent from December 1, 2017. Soybean stocks stored on farms totaled 1.94 billion bushels, up 30 percent from a year ago. Off-farm stocks, at 1.80 billion bushels, are up 7 percent from last December. Indicated disappearance for September - November 2018 totaled 1.25 billion bushels, down 20 percent from the same period a year earlier.

All wheat stored in all positions on December 1, 2018 totaled 2.00 billion bushels, up 7 percent from a year ago. On-farm stocks are estimated at 504 million bushels, up 28 percent from last December. Off-farm stocks, at 1.50 billion bushels, are up 1 percent from a year ago. The September - November 2018 indicated disappearance is 390 million bushels, 1 percent below the same period a year earlier.

Barley stored in all positions on December 1, 2018 totaled 153 million bushels, down 4 percent from December 1, 2017. On-farm stocks are estimated at 72.0 million bushels, 3 percent below a year ago. Off-farm stocks, at 80.8 million bushels, are 4 percent below December 2017. The September - November 2018 indicated disappearance is 22.1 million bushels, up 6 percent from the same period a year earlier.

Oats stored in all positions on December 1, 2018 totaled 67.2 million bushels, up 1 percent from the stocks on December 1, 2017. Of the total stocks on hand, 25.4 million bushels are stored on farms, up 9 percent from a year ago. Off-farm stocks totaled 41.8 million bushels, down 3 percent from the previous year. Indicated disappearance during September - November 2018 totaled 7.54 million bushels.

GRAIN STORAGE CAPACITY

Minnesota on-farm storage capacity on December 1, 2018, was 1.55 billion bushels, unchanged from 2017,. Minnesota's 565 off-farm storage facilities had a storage capacity of 800 million bushels, up 5 percent from the previous year. As of December 1, 2018, Minnesota had a total of 2.35 billion bushels of storage capacity, up 2 percent from last year.

Grain Storage Capacity – Minnesota and Selected States: December 1, 2017 and 2018

State	On-Farm Storage Capacity		Off-Farm Storage Capacity		Total Storage Capacity	
	2017	2018	2017	2018	2017	2018
	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)	(1,000 bushels)
Illinois	1,470,000	1,480,000	1,500,000	1,500,000	2,970,000	2,980,000
Iowa.....	2,100,000	2,100,000	1,470,000	1,500,000	3,570,000	3,600,000
Kansas	380,000	380,000	1,100,000	1,150,000	1,480,000	1,530,000
Minnesota.....	1,550,000	1,550,000	760,000	800,000	2,310,000	2,350,000
Missouri.....	540,000	540,000	275,000	275,000	815,000	815,000
Nebraska.....	1,180,000	1,200,000	930,000	950,000	2,110,000	2,150,000
North Dakota.....	900,000	915,000	455,000	475,000	1,355,000	1,390,000
South Dakota.....	710,000	730,000	410,000	425,000	1,120,000	1,155,000
Wisconsin	375,000	375,000	360,000	380,000	735,000	755,000
United States.....	13,450,000	13,518,000	11,240,405	11,473,210	24,690,405	24,991,210

HAY STOCKS

All hay stored on Minnesota farms as of December 1, 2018, is estimated at 2.04 million tons, a decrease of 21 percent from December 1, 2017. This is a record low amount of hay stored, continuing the recent downward trend. Disappearance from May 1, 2018, through December 1, 2018, totaled 1.60 million tons, compared with 2.07 million tons for the same period in 2017.

Hay Stocks on Farms – Minnesota and United States: May 1 and December 1, 2017-2018

	May 1		December 1	
	2017	2018	2017	2018
	(1,000 tons)	(1,000 tons)	(1,000 tons)	(1,000 tons)
Minnesota	860	560	2,590	2,040
United States	24,400	15,348	84,422	79,055

All hay stored on United States farms as of December 1, 2018 totaled 79.1 million tons, down 6 percent from the previous December. Disappearance from May 1, 2018 - December 1, 2018 totaled 59.9 million tons, compared with 68.2 million tons for the same period a year earlier. This marks the lowest December 1 hay stocks since the drought of 2012 and second lowest since 1977.

2018 CROP PRODUCTION

Corn for grain production in Minnesota during 2018 is estimated at 1.36 billion bushels. The estimate is down 1 percent from the November 1 forecast and down 8 percent from 2017. Minnesota's corn for grain yield is estimated at 182 bushels per acre, 2 bushels less than the November 1 forecast and 12 bushels below the previous record yield of 194 set in 2017. Area harvested for grain is estimated at 7.49 million acres, up 40,000 acres from the November 1 forecast but 140,000 acres below 2017. Corn planted for all purposes in 2018 is estimated at 7.90 million acres, down 150,000 acres from 2017.

Corn for silage production is estimated at 7.48 million tons, down 3 percent from 2017. The silage yield estimate of 22.0 tons per acre, up 0.5 ton from 2017. Producers harvested 340,000 acres of corn for silage, a decrease of 20,000 acres from 2017.

Soybean production is estimated at 389 million bushels in 2018, up 1 percent from both the November 1 forecast and 2017. Production is the second highest on record, behind 2016. Minnesota soybean growers averaged 50.5 bushels per acre in 2018. This is up 0.5 bushel from the November 1 forecast and up 3 bushels from the 2017 yield. The harvested acreage of 7.71 million is unchanged from the November 1 estimate but 380,000 acres below 2017. Soybean planted acreage, at 7.80 million acres, is down 350,000 acres from 2017.

All hay production for the state is estimated at 3.08 million tons, down 19 percent from the 3.80 million tons produced in 2017. Producers averaged 2.52 tons per acre, down from 2.79 tons in 2017. All hay harvested acres is estimated at 1.22 million acres, down 10 percent from 2017.

Alfalfa and alfalfa mixtures production is estimated at 2.05 million tons, down 30 percent from 2017. Producers averaged 2.85 tons per acre, 0.5 ton below the 2017 yield. Harvested acres, at 720,000, are down 150,000 acres from 2017. Minnesota producers seeded 130,000 acres of new seedings of alfalfa and alfalfa mixtures in 2018, down 30,000 from the previous year.

Other hay production is estimated at 1.03 million tons, 16 percent above 2017. Producers averaged 2.05 tons per acre, up 0.25 ton per acre from 2017. Harvested acres of other hay, at 500,000, is up 10,000 from the previous year.

Sugarbeet production is estimated at 10.5 million tons, down 16 percent from the record set in 2017. Yield averaged 25.7 tons per acre, down 4.9 tons from the record set last year. Producers harvested 408,000 acres, down 1,000 acres from 2017.

Oil Sunflower production is estimated at 99.0 million pounds, up 54 percent from 2017. Producers averaged 2,250 pounds per acre, up 15 percent from 2017. Oil sunflower harvested area is 44,000 acres. **Non-oil sunflower** production is estimated at 15.1 million pounds, up 10.9 million pounds from 2017. The non-oil sunflower yield is estimated at 2,150 pounds per acre, up 900 pounds from 2017. Area harvested for non-oil sunflowers is 7,000 acres.

United States corn for grain production in 2018 was estimated at 14.4 billion bushels, down 1 percent from the 2017 estimate. The average yield in the United States was estimated at 176.4 bushels per acre, 0.2 bushel below the 2017 record yield of 176.6 bushels per acre. Area harvested for grain was estimated at 81.7 million acres, down 1 percent from the 2017 estimate.

U.S. soybean production in 2018 totaled a record 4.54 billion bushels, up 3 percent from 2017. The average yield per acre was estimated at 51.6 bushels, up 2.3 bushels from 2017, but 0.3 bushel below the record yield in 2016. Harvested area was down 2 percent from 2017 to 88.1 million acres.

U.S. Corn Supply and Use ¹

CORN	2016-2017	2017-2018 (Est.)	2018-2019 ² Projections January
	(million bushels)	(million bushels)	(million bushels)
Beginning Stocks	1,737	2,293	2,140
Production	15,148	14,609	14,420
Imports	57	36	40
Supply, total	16,942	16,939	16,600
Feed & Residual	5,470	5,304	5,375
Food, Seed & Industrial	6,885	7,056	7,040
Domestic, total	12,355	12,360	12,415
Exports	2,294	2,438	2,450
Use, total	14,649	14,799	14,865
Ending Stocks, total ...	2,293	2,140	1,735
Avg. farm price (\$/bu) ...	3.36	3.36	3.35 - 3.85

¹ Source: World Agricultural Supply and Demand Estimates Report

² Preliminary

U.S. Soybean Supply and Use ¹

SOYBEANS	2016-2017	2017-2018 (Est.)	2018-2019 ² Projections January
	(million bushels)	(million bushels)	(million bushels)
Beginning Stocks	197	302	438
Production	4,296	4,412	4,544
Imports	22	22	20
Supply, total	4,516	4,735	5,002
Crushings	1,901	2,055	2,090
Exports	2,166	2,129	1,875
Seed	105	104	96
Residual	42	9	31
Use, total	4,214	4,297	4,092
Ending stocks	302	438	910
Avg. farm price (\$/bu)	9.47	9.33	8.10 - 9.10

¹ Source: World Agricultural Supply and Demand Estimates Report

² Preliminary

Crop Production Summary – Minnesota and United States: 2017-2018

Crop	Acres planted		Acres harvested		Yield per acre		Production	
	2017	2018	2017	2018	2017	2018	2017	2018
	(1,000 acres)	(1,000 acres)	(1,000 acres)	(1,000 acres)			(1,000)	(1,000)
MINNESOTA								
Barley..... bushels	80	80	68	67	76.0	76.0	5,168	5,092
Canola..... pounds	36.0	46.0	34.5	45.0	2,080	2,060	71,760	92,700
Corn for grain ¹ bushels	8,050	7,900	7,630	7,490	194.0	182.0	1,480,220	1,363,180
Corn for silage..... tons	(NA)	(NA)	360	340	21.5	22.0	7,740	7,480
Dry edible beans ²	170.0	175.0	163.0	168.0	2,190	2,360	3,567	3,964
Hay, all..... tons	(NA)	(NA)	1,360	1,220	2.79	2.52	3,797	3,077
Hay, alfalfa..... tons	(NA)	(NA)	870	720	3.35	2.85	2,915	2,052
Hay, other..... tons	(NA)	(NA)	490	500	1.80	2.05	882	1,025
Oats..... bushels	170	180	95	105	75.0	59.0	7,125	6,195
Potatoes, fall..... cwt	46.0	44.0	45.5	43.5	405	430	18,428	18,705
Soybeans..... bushels	8,150	7,800	8,090	7,710	47.5	50.5	384,275	389,355
Sugarbeets..... tons	420.0	415.0	409.0	408.0	30.6	25.7	12,515	10,486
Sunflowers, oil..... pounds	34	45	33	44	1,950	2,250	64,350	99,000
Sunflowers, non-oil..... pounds	4.7	7.5	3.3	7.0	1,250	2,150	4,125	15,050
Wheat, spring..... bushels	1,160	1,610	1,130	1,570	67.0	59.0	75,710	92,630
UNITED STATES								
Barley..... bushels	2,486	2543	1,962	1,978	73.0	77.4	143,258	153,082
Canola..... pounds	2,077.0	1,990.7	2,002.0	1,943.5	1,526	1,861	3,055,410	3,616,560
Corn for grain ¹ bushels	90,167	89,129	82,733	81,740	176.6	176.4	14,609,407	14,420,101
Corn for silage..... tons	(NA)	(NA)	6,385	6,113	20.0	19.9	127,434	121,361
Dry edible beans ²	2,097.0	2,081.0	2,022.7	2,016.0	1,778	1,860	35,961	37,494
Hay, all..... tons	(NA)	(NA)	52,777	52,839	2.43	2.34	128,207	123,600
Hay, alfalfa..... tons	(NA)	(NA)	17,007	16,608	3.28	3.17	55,812	52,634
Hay, other..... tons	(NA)	(NA)	35,770	36,231	2.02	1.96	72,395	70,966
Oats..... bushels	2,589	2,746	804	865	61.7	64.9	49,585	56,130
Potatoes, all..... cwt	1,052.6	1,033.2	1,044.5	1,023.3	432	444	450,921	454,314
Soybeans..... bushels	90,162	89,196	89,542	88,110	49.3	51.6	4,411,633	4,543,883
Sugarbeets..... tons	1,131.4	1,113.1	1,113.8	1,095.4	31.7	30.3	35,317	33,145
Sunflowers, oil..... pounds	1,216.0	1,164.0	1,168.0	1,099.0	1,582	1,726	1,847,525	1,896,410
Sunflowers, non-oil..... pounds	187.0	137.0	165.8	123.5	1,750	1,781	290,225	220,000
Wheat, spring..... bushels	11,019	13,200	10,148	12,896	41.0	48.3	415,851	623,232

(NA) Not available. ¹ Area planted for all purposes. ² Yield in pounds, production in hundredweight.

