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Production

Annual Summary 2000

Released: March 14, 2001

Montana producers harvested 18,000 acres of **corn for grain** in 2000, unchanged from last year's estimate. The average yield was 140.0 bushels per acre, up 30 bushels from last year. Production rose 27 percent from 1999 to 2.52 million bushels. **Corn for silage** acreage was estimated at 40,000 acres, down 5,000 acres from 1999. Yields averaged 21 tons per acre, up one ton from a year ago.

Sugar beet producers in Montana planted 60,700 acres and harvested an estimated 53,900 acres in 2000, down 7,800 acres from a year ago. Heavy frosts and freeze damage can be blamed for the high levels of crop abandonment in the state. Yields increased 0.7 tons from last year to average 24.5 tons per acre. Total production was estimated at 1.32 million tons, down 10 percent from the previous year.

Fall potato production in Montana totaled 3.50 million cwt, up 5.4 percent from last year. Producers harvested 11,300 acres compared with 10,900 in 1999. Yields increased 5 cwt per acre from a year ago to 310 cwt.

All **hay** harvested in Montana was down 600,000 acres from last year, to 2.0 million acres. All hay production was 3.56 million tons, down 29.6 percent or 1,495,000 tons from a year ago. This is the lowest production in Montana since 1988. **Alfalfa hay** harvested acreage was 1.2 million acres, down 450,000 acres from last season. The average yield was 2.1 tons per acre, which is 0.1 ton less than last year. **Other hay** harvested acreage was 800,000, down 150,000 acres from 1999. The average yield was 1.3 tons per acre compared with 1.5 tons per acre last year.

Montana **hay stocks** were estimated at 3.17 million tons on December 1, down 29 percent from last year. This represents the lowest hay stock numbers since 1988. Montana hay growers **seeded** an estimated 130,000 acres of **alfalfa and alfalfa mixtures** during 2000, 70,000 acres less than last year. New seedings include those mixed with a nurse crop, other forage, or direct seedings.

Montana's 2000 **winter wheat** production was estimated at 44.55 million bushels, up 21 percent from 1999. The 2000 average yield was 33 bushels per acre, which is 5 bushels lower than last year's average.

Spring wheat production in Montana for 2000 was estimated at 77.5 million bushels, down 28 percent from 1999. The seeded acreage was 3.35 million acres, 800,000 acres less than 1999. Producers harvested 3.1 million acres, 900,000 acres less than a year earlier. Yields averaged 25 bushels per acre, down 2 bushels from 1999, in part due to lack of precipitation in many areas of the state.

Montana's 2000 **durum wheat** production was estimated at 13.16 million bushels, up 39.3 percent from 1999. Harvested acreage was estimated at 470,000, up 120,000 acres from last year. The average yield was 28.0 bushels per acre, up one bushel from 1998.

Barley planted acreage for 2000 in Montana decreased to 1.25 million acres, 50,000 acres less than 1999. Producers harvested 950,000 acres, 200,000 acres less than were harvested for grain in 1999. Yields averaged 40 bushels per acre, down 10 bushels from last year. Production was estimated at 38.0 million bushels, down sharply from last year.

Montana's **oats** production for 2000 is estimated at 2.6 million bushels, down 620,000 bushels from 1999. Planted acreage was estimated at 130,000 acres, 40,000 acres less than last year. Harvested acreage was set at 50,000 acres, down 20,000 from 1999. Yields averaged 52.0 bushels per acre, 6 bushels higher last year.

Montana's **dry bean** growers produced an estimated 486,000 cwt in 2000, up 45,000 cwt from 1999. Growers harvested 34,800 acres with a yield of 14.0 cwt per acre compared with last year's 25,500 acres harvested with a yield of 17.30 cwt per acre.

Pinto bean production for Montana in 2000 is estimated to be 331,000 cwt, which is 11.8 percent above last year's

estimate. Harvested acreage, at 13,800, is 4.5 percent higher than the previous year. The yield is estimated at 2,400 pounds per acre, 160 pounds more than last year.

Montana's second production estimate for **garbanzo beans** was 150,000 cwt for 2000, which is 12.8 percent higher than last year. Harvested area is estimated at 20,500 acres, up 8,700 from last year. The yield is estimated at 730 pounds per acre, down from last year's estimate of 1,130 pounds per acre.

Dry peas production for 2000 in Montana is estimated at 233,000 cwt. Planted and harvested acreage is estimated at 28,000 and 24,000 acres, respectively. Average yield is set at 9.7 cwt per acre.

Montana's 2000 production of **lentils** is estimated at 210,000 cwt. Planted area is estimated at 22,000 acres and harvested acres are set at 21,000 acres. The average yield is estimated to be 10.0 cwt per acre.

Montana's **flaxseed** production for 2000 is estimated to be 196,000 bushels. Planted and harvested acreage estimates are 16,000 and 14,000, respectively. The average yield is set at 14.0 bushels per acre. Production of **mustard seed** in Montana during 2000 is estimated at 7 million pounds. Acres planted are set at 12,000 and acres harvested are 10,000. Yields averaged 700 pounds per acre. Montana **canola** growers planted 65,000 acres in 2000. Out of those that were planted, 58,000 acres were harvested yielding 960 pounds per acre. Total production is estimated to be 55.7 million pounds. Growers produced an estimated 30.03 million pounds of **safflower** in Montana for 2000. They planted an estimated 41,500 acres and harvested 39,000 acres. Average yields were set at 770 pounds per acre.

Montana's 2000 **all sunflower** production estimate was set at 4.314 million pounds this year. Planted and harvested acreage estimates are 7,000 and 5,800 respectively. The average yield is estimated at 744 pounds per acre.

Montana Annual Crop Summary, 1997-2000 1/

Crop	Year	MONTANA						U.S.
		Acreage		Yield Per Acre	Total Production	Season Avg Price	Value of Production	Production
		Planted	Harvested					
		(000)		Bu	(000)	Dollars	(000)	
Winter Wheat	1997	1,600	1,450	38.0	55,100	\$3.40	\$187,340	1,845,528
	1998	1,400	1,250	39.0	48,750	\$2.80	\$136,500	1,880,733
	1999	1,050	970	38.0	36,860	\$2.67	\$98,416	1,696,580
	2000	1,500	1,350	33.0	44,550	\$3.05	\$135,878	1,562,733
Durum Wheat	1997	300	290	26.0	7,540	\$5.18	\$39,057	87,783
	1998	450	430	28.0	12,040	\$3.23	\$38,889	138,119
	1999	360	350	27.0	9,450	\$3.45	\$32,602	99,322
	2000	480	470	28.0	13,160	\$3.85	\$50,666 **	109,805
Other Spring Wheat	1997	4,250 **	4,100 **	29.0	118,900	\$3.58	\$425,662	548,155
	1998	3,800	3,600	30.0	108,000	\$3.13	\$338,040	528,469
	1999	4,150	4,000	27.0	108,000	\$2.97	\$320,760	503,108
	2000	3,350	3,100	25.0	77,500	\$3.25	\$251,875	550,902
All Wheat	1997	6,150	5,840	31.1	181,540	\$3.62	\$652,059	2,481,466
	1998	5,650	5,280	32.0	168,790	\$3.03	\$513,429	2,547,321
	1999	5,560	5,320	29.0	154,310	\$2.93	\$451,779	2,299,010
	2000	5,330	4,920	27.5	135,210	\$3.25	\$438,419	2,223,440
Barley	1997	1,250	1,150	53.0	60,950	\$2.83	\$172,488	359,878
	1998	1,350	1,200	48.0	57,600	\$2.27	\$130,752	352,125
	1999	1,300	1,150	50.0	57,500	\$2.32	\$133,400	280,292
	2000	1,250	950	40.0	38,000	\$2.35	\$89,300	317,865
Oats	1997	140	70	55.0	3,850	\$1.33	\$5,120	167,246
	1998	140	60	54.0	3,240	\$1.18	\$3,823	165,981
	1999	170	70	46.0	3,220	\$1.05	\$3,381	146,193
	2000	130	50	52.0	2,600	\$1.05	\$2,730	149,195
Corn for Grain 2/	1997	60	14	135.0	1,890	\$2.40	\$4,536	9,206,832
	1998	60	18	115.0	2,070	\$1.90	\$3,933	9,758,685
	1999	65	18	110.0	1,980	\$1.55	\$3,069	9,430,612
	2000	60	18	140.0 **	2,520	\$1.55	\$3,906	9,968,358
			(000)	Tons	(000)		(000)	(000)
Corn for Silage	1997	--	45	21.0	945	--	--	97,192
	1998	--	41	21.0	861	--	--	95,479
	1999	--	45	20.0	900	--	--	95,633
	2000	--	40	21.0 **	840	--	--	98,538
Sugar Beets	1997	59.9	58.3	21.0	1,224	\$40.50	\$49,572	29,886
	1998	64.0	62.4	22.6	1,410	\$36.90	\$52,029	32,499
	1999	61.8	61.7	23.8	1,468 **	\$40.40	\$59,307	33,420
	2000	60.7	53.9	24.5 **	1,321	--	--	32,521
Alfalfa Hay	1997	--	1,650	2.40	3,960	\$80.00	\$316,800 **	78,535
	1998	--	1,700 **	2.20	3,740	\$73.00	\$273,020	82,310
	1999	--	1,650	2.20	3,630	\$66.00	\$239,580	84,385
	2000	--	1,200	2.10	2,520	\$82.00 **	\$206,640	80,347
Other Hay	1997	--	950	1.60	1,520	\$69.00	\$104,880 **	74,001
	1998	--	800	1.60	1,280	\$62.50	\$80,000	69,470
	1999	--	950	1.50	1,425	\$56.00	\$79,800	75,322
	2000	--	800	1.30	1,040	\$75.50 **	\$78,520	71,836
All Hay 3/	1997	--	2,600	2.11	5,480 **	\$79.00	\$421,680 **	152,536
	1998	--	2,500	2.01	5,020	\$72.00	\$353,020	151,780
	1999	--	2,600 **	1.94	5,055	\$65.00	\$319,380	159,707
	2000	--	2,000	1.78	3,560	\$81.00	\$285,160	152,183
Sweet Cherries 4/	1997	--	--	--	870	\$954.00	\$830	223,490
	1998	--	--	--	1,890	\$1,080.00	\$2,040	208,410
	1999	--	--	--	690	\$1,560.00	\$1,076	227,760
	2000	--	--	--	1,050	\$1,490.00	\$1,569	214,920
		(000)		Cwt.	(000)		(000)	(000)
Fall Potatoes	1997	10.4	10.4	320 **	3,328	\$7.05	\$23,462	423,190
	1998	10.6	10.6	300	3,180	\$7.95	\$25,281	432,737
	1999	11.0	10.9	305	3,324	\$8.80	\$29,260 **	429,847
	2000	11.5	11.3	310	3,503 **	\$8.35	\$29,250	470,504
All Dry Beans	1997	12.2	11.7	22.0	257	\$19.40	\$4,986	29,370
	1998	16.6	16.0	21.9	350	\$15.60	\$5,460	30,418
	1999	26.5	25.5	17.3	441	\$17.90	\$7,894	33,085
	2000	40.5	34.8	14.0	486	\$18.70	\$9,088 **	26,440
Pinto Beans	1998	12.2 *	12.0 *	22.0 *	264	--	--	14,511
	1999	13.9	13.2	22.4	296	--	--	10,839
	2000	14.5 **	13.8 **	24.0 **	331 **	--	--	10,670
Garbanzo Beans 6/	1998	4.0	3.8	22.1	84	--	--	418
	1999	12.1	11.8	11.3	133	--	--	735
	2000	25.3	20.5	7.3	150	--	--	1,315
Lentils 6/	1998	20.0	19.0	10.0	190 *	\$10.30 *	\$1,957 *	1,938
	1999	19.0 *	16.0 *	13.0 **	208	\$12.60 **	\$2,621 **	2,387
	2000	22.0 **	21.0 **	10.0 *	210 **	\$10.50	\$2,205	3,029
Dry Peas	1998	45.0 **	37.0 **	18.0 **	666 **	\$4.90	\$3,263 **	5,934
	1999	37.0	29.0	14.0	406	\$6.00 **	\$2,436	4,773
	2000	28.0 *	24.0 *	9.7 *	233 *	\$4.70 *	\$1,095 *	3,499

1/ All estimates for 2000 are preliminary and season average price and value of production not available. 2/ Planted for all purposes. 3/ Price of baled hay. 4/ Fertilized production in actual tons. 5/ U.S. totals are for all potatoes. 6/ Data series begun in 1998. -- Not Published * Record low **Record high

Montana Annual Oilseeds Summary, 1999-2000 1/

Crop	Year	MONTANA						U.S.
		Acreage		Yield Per Acre	Total Production	Season Avg Price	Value of Production	Production
		Planted	Harvested					
		(000)		Bu	(000)	(000)	(000)	
Flaxseed	1999	21.0 **	20.5 **	16.0 **	328 **	--	--	7,864
	2000	16.0 *	14.0 *	14.0 *	196 *	\$4.00	\$784	10,730
		(000)		Lbs	(000)		(000)	(000)
Canola 2/	1999	60.0 *	58.0 *	1,200 **	69,600 **	--	--	1,363,680
	2000	65.0 **	58.0 **	960 *	55,680 *	--	--	2,016,951
Mustard Seed	1999	21.5 **	21.0 **	850 **	17,850 **	--	--	48,010
	2000	12.0 *	10.0 *	700 *	7,000 *	--	--	36,570
Safflower 2/	1999	41.0 *	39.0 *	850 **	33,150 **	--	--	404,715
	2000	41.5 **	39.0 **	770 *	30,030 *	--	--	282,545
Sunflower 2/	1999	7.8 **	7.1 **	858 **	6,095 **	--	--	4,341,862
	2000	7.0 *	5.8 *	744 *	4,314 *	--	--	3,584,339

1. All estimates for 2000 are preliminary and season average price and value of production not available. 2/ Data series begun in 1999. -- Not Published * Record low **Record high