



# Montana Crop & Livestock Reporter

Cooperating with the Montana Department of Agriculture

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## HIGHLIGHTS

Barley for Malt  
Cash Receipts County Estimates  
Cattle on Feed  
Potato Disposition  
Milk Production  
Red Meat Production  
Egg Production

The survey was requested and funded by the Montana Wheat and Barley Committee. The average protein of the 2006 malting crop was 12.3 percent, which is 0.1 points higher than the average protein of the 2005 crop. Average plumpness decreased 2 percentage points from the 2005 crop to 84 percent.

Harrington was the most frequently purchased variety by maltsters and brewers this year. Harrington accounted for 38 percent of the total purchases. Metcalfe, Merit, and Tradition were also commonly purchased varieties at 21 percent, 12 percent, and 10 percent of the total, respectively. Forty-eight percent of all malt barley purchased was grown in North Central Montana compared with 65 percent of the previous year's crop and 52 percent of the 2004 crop. Twenty-one percent was purchased from Central Montana growers, and 14 percent of the total was purchased from the Northeast district.

## Maltsters and Brewers Purchased 21.5 Million Bushels of the 2006 Montana Barley Crop

Maltsters and brewers purchased 21.5 million bushels of Montana's 2006 barley crop to make malt, down 4 percent from 2005 and up 9 percent from the 2004 crop year, according to a recent survey conducted by the USDA, NASS, Montana Field Office.

Montana growers planted 770,000 acres of barley in 2006, down 130,000 acres from 2005. Of the total, approximately 486,000 acres were planted to malting barley varieties. The malt barley utilized represented 69 percent of the 2006 total barley crop, compared with 57 percent in 2005 and 40 percent utilized in 2004.

## Montana Barley Purchased To Produce Malt, 2004-2006 Crops

Variety	Crop Year 1/	Districts				State			
		N. Central	Northeast 2/	Central	S. Central	Southwest 3/	Bushels	% Protein 4/	% Plump 4/
Harrington	2004	4,987,000	193,000	1,045,000	620,000		6,845,000	12.0	84
	2005	5,136,000	134,000	646,000	25,000	322,000	6,263,000	12.4	86
	2006	4,761,000	24,000	2,480,000	340,000	524,000	8,129,000	12.7	84
Metcalfe	2004	510,000		145,000			655,000	11.6	84
	2005	3,384,000	29,000	366,000			3,779,000	12.0	87
	2006	2,830,000		1,254,000		381,000	4,465,000	12.6	81
Merit	2004	2,250,000		350,000	62,000		2,662,000	11.5	84
	2005	2,310,000		408,000	76,000	14,000	2,808,000	11.7	85
	2006	1,822,000		513,000	115,000	100,000	2,550,000	11.9	85
Tradition	2004	210,000	1,750,000	90,000			2,050,000	12.9	77
	2005		1,444,000	12,000			1,456,000	12.7	89
	2006		2,162,000				2,162,000	12.0	82
Conrad	2004								
	2005	394,000		70,000			464,000	12.0	94
	2006	777,000		220,000	700,000		1,697,000	11.8	91
Moravian 37	2004	442,000			2,348,000		2,790,000	11.3	92
	2005	505,000			1,588,000		2,093,000	11.9	92
	2006				1,691,000		1,691,000	11.4	93
Legacy	2004	190,000	1,750,000	55,000			1,995,000	12.9	78
	2005		1,435,000	7,000			1,442,000	12.1	78
	2006		672,000				672,000	11.4	78
Other 5/	2004	1,740,000		440,000	417,000	100,000	2,697,000	11.9	87
	2005	2,810,000	359,000	461,000	465,000	50,000	4,145,000	12.5	84
	2006	41,000	103,000				144,000	12.1	86
Total	2004	10,329,000	3,693,000	2,125,000	3,447,000	100,000	19,694,000	12.0	84
	2005	14,539,000	3,401,000	1,970,000	2,154,000	386,000	22,450,000	12.2	86
	2006	10,231,000	2,961,000	4,467,000	2,846,000	1,005,000	21,510,000	12.3	84

1/ Crop year defined as July 1 to June 30. 2/ Includes Southeast. 3/ Includes Northwest. 4/ Computed prior to rounding purchases. 5/ Includes B1202 and other varieties.

### Cash Receipts from the Sale of Principal Products and Government Payments 2005

County and District	Livestock and Livestock Products		Crops		Total Cash Receipts		Government Payments 1/	All Cash Receipts 2/	
	(000) Dols.	Rank	(000) Dols.	Rank	(000) Dols.	Rank	(000) Dols.	(000) Dols.	Rank
Deer Lodge	4,094	53	1,149	54	5,243	54	112	5,355	54
Flathead	11,020	40	21,668	20	32,688	32	1,938	34,626	35
Granite	10,576	44	1,299	53	11,875	50	252	12,127	51
Lake	28,923	18	16,290	22	45,213	24	1,719	46,932	27
Lincoln	2,603	55	3,053	46	5,656	53	--	5,656	53
Mineral	1,071	56	462	55	1,533	56	--	1,533	56
Missoula	5,846	52	4,151	43	9,997	52	169	10,166	52
Powell	20,020	30	1,847	50	21,867	43	324	22,191	43
Ravalli	24,249	23	12,118	25	36,367	30	178	36,545	34
Sanders	8,587	48	6,341	35	14,928	46	476	15,404	48
<b>NORTHWEST</b>	<b>116,989</b>	<b>--</b>	<b>68,378</b>	<b>--</b>	<b>185,367</b>	<b>--</b>	<b>5,168</b>	<b>190,535</b>	<b>--</b>
Blaine	33,129	13	25,666	18	58,795	13	15,138	73,933	13
Chouteau	16,032	35	100,175	1	116,207	2	28,885	145,092	1
Glacier	23,997	24	28,416	16	52,413	15	13,813	66,226	15
Hill	14,411	37	81,470	2	95,881	3	24,495	120,376	3
Liberty	10,626	43	41,151	6	51,777	16	12,639	64,416	16
Phillips	32,377	15	15,502	23	47,879	22	10,436	58,315	20
Pondera	21,923	28	46,481	3	68,404	11	14,876	83,280	8
Teton	30,739	17	42,004	5	72,743	10	17,853	90,596	6
Toole	10,684	42	42,701	4	53,385	14	14,676	68,061	14
<b>NORTH CENTRAL</b>	<b>193,918</b>	<b>--</b>	<b>423,566</b>	<b>--</b>	<b>617,484</b>	<b>--</b>	<b>152,811</b>	<b>770,295</b>	<b>--</b>
Daniels	8,175	50	21,280	21	29,455	35	12,186	41,641	30
Dawson	18,766	33	24,143	19	42,909	26	10,530	53,439	22
Garfield	40,039	9	11,679	26	51,718	17	10,597	62,315	19
McCone	13,402	39	28,869	15	42,271	27	11,085	53,356	23
Richland	28,039	20	37,338	9	65,377	12	8,991	74,368	12
Roosevelt	14,453	36	35,327	11	49,780	18	13,727	63,507	17
Sheridan	10,845	41	37,528	8	48,373	20	14,381	62,754	18
Valley	43,662	5	30,668	14	74,330	8	14,603	88,933	7
<b>NORTHEAST</b>	<b>177,381</b>	<b>--</b>	<b>226,832</b>	<b>--</b>	<b>404,213</b>	<b>--</b>	<b>96,100</b>	<b>500,313</b>	<b>--</b>
Broadwater	7,129	51	11,441	27	18,570	45	3,005	21,575	44
Cascade	42,307	7	36,384	10	78,691	5	12,224	90,915	5
Fergus	53,961	3	31,486	13	85,447	4	10,400	95,847	4
Golden Valley	8,837	47	3,913	45	12,750	48	4,222	16,972	47
Judith Basin	33,915	12	10,807	28	44,722	25	6,294	51,016	25
Lewis & Clark	17,257	34	10,778	29	28,035	37	1,407	29,442	38
Meagher	23,841	25	2,723	48	26,564	38	1,536	28,100	39
Musselshell	19,468	31	5,191	39	24,659	41	3,431	28,090	40
Petroleum	8,352	49	2,436	49	10,788	51	1,586	12,374	49
Wheatland	20,803	29	4,910	40	25,713	40	4,333	30,046	37
<b>CENTRAL</b>	<b>235,870</b>	<b>--</b>	<b>120,069</b>	<b>--</b>	<b>355,939</b>	<b>--</b>	<b>48,438</b>	<b>404,377</b>	<b>--</b>
Beaverhead	65,836	2	8,596	30	74,432	7	2,677	77,109	11
Gallatin	43,198	6	34,305	12	77,503	6	3,281	80,784	10
Jefferson	10,157	45	1,786	51	11,943	49	289	12,232	50
Madison	37,399	10	7,849	31	45,248	23	1,946	47,194	26
Silver Bow	3,001	54	332	56	3,333	55	--	3,333	55
<b>SOUTHWEST</b>	<b>159,591</b>	<b>--</b>	<b>52,868</b>	<b>--</b>	<b>212,459</b>	<b>--</b>	<b>8,193</b>	<b>220,652</b>	<b>--</b>
Carbon	34,420	11	13,635	24	48,055	21	3,250	51,305	24
Park	19,420	32	6,321	36	25,741	39	991	26,732	41
Stillwater	26,895	21	7,423	34	34,318	31	5,737	40,055	31
Sweetgrass	22,889	26	1,444	52	24,333	42	847	25,180	42
Treasure	13,408	38	6,066	38	19,474	44	1,478	20,952	45
Yellowstone	95,205	1	40,164	7	135,369	1	7,467	142,836	2
<b>SOUTH CENTRAL</b>	<b>259,186</b>	<b>--</b>	<b>101,029</b>	<b>--</b>	<b>360,215</b>	<b>--</b>	<b>29,129</b>	<b>389,344</b>	<b>--</b>
Carter	32,918	14	4,639	42	37,557	29	7,954	45,511	29
Custer	32,293	16	7,618	33	39,911	28	6,064	45,975	28
Fallon	26,881	22	4,663	41	31,544	34	6,533	38,077	32
Powder River	28,787	19	2,873	47	31,660	33	6,075	37,735	33
Prairie	22,087	27	6,243	37	28,330	36	4,873	33,203	36
Rosebud	41,153	8	7,796	32	48,949	19	5,822	54,771	21
Wibaux	9,650	46	4,031	44	13,681	47	4,506	18,187	46
<b>SOUTHEAST</b>	<b>193,769</b>	<b>--</b>	<b>37,863</b>	<b>--</b>	<b>231,632</b>	<b>--</b>	<b>41,827</b>	<b>273,459</b>	<b>--</b>
<b>MONTANA</b>	<b>1,336,704</b>	<b>--</b>	<b>1,030,605</b>	<b>--</b>	<b>2,367,309</b>	<b>--</b>	<b>381,716</b>	<b>2,749,025</b>	<b>--</b>

1/ Payments of less than \$50,000 are included in State totals.

2/ Includes estimates of inter-farm sales and intra-state sales.

SOURCE: Bureau of Economic Analysis, U.S. Department of Commerce, Washington, D.C.

## **U.S. September Cattle on Feed Down 6 Percent**

Cattle and calves on feed for slaughter market in the United States for feedlots with capacity of 1,000 or more head totaled 10.3 million head on September 1, 2007. The inventory was 6 percent below September 1, 2006 but 3 percent above September 1, 2005.

Placements in feedlots during August totaled 2.12 million, 7 percent below 2006 but 6 percent above 2005. Net placements were 2.07 million. During August, placements of cattle and calves weighing less than 600 pounds were 490,000, 600-699 pounds were 440,000, 700-799 pounds were 549,000, and 800 pounds and greater were 640,000.

Marketings of fed cattle during August totaled 2.07 million, virtually unchanged from 2006 but 2 percent above 2005.

Other disappearance totaled 50,000 during August, 15 percent below 2006 and 6 percent below 2005.

## **2006 Montana and U.S. Potato Production**

Montana's 2006 potato production totaled 3,518,000 cwt, 2 percent above last year, but 1 percent below 2004 production. Producers harvested 10,500 acres, down 1 percent from last year and 1 percent below 2004. Potato yields averaged 335 cwt per acre in 2006, compared with 325 cwt in 2005 and 335 cwt in 2004.

Value of production for the 2006 crop was \$31.7 million, up slightly from 2005. The average price was \$9.00 per cwt, a decrease of \$0.15 from the previous year's crop. Sales of Montana's 2006 potato crop totaled \$28.9 million, which is 2 percent above last year's crop. Producers sold 3,208,000 cwt from the 2006 crop compared with 3,079,000 cwt the previous year.

U.S. total 2006 potato production is estimated at 441 million cwt, up 2

percent from the estimate made in the January Crop Production 2006 Summary and 4 percent above the 2005 crop. Harvested area, at 1.12 million acres, increased 3 percent from the record low set a year ago. The average yield of 393 cwt per acre is a record high, up 3 cwt from 2005 and 2 cwt above the previous record high set in 2003.

Seasonal U.S. estimates are carried forward from earlier revisions. Winter potato production in 2006 is 4.50 million cwt, a decline of 8 percent from 2005. Harvested area, at 17,500 acres, is down 12 percent from the previous year. The average yield of 257 cwt per acre is up 10 cwt from 2005. Spring potatoes final estimate for 2006, at 19.8 million cwt, increased 6 percent from the previous year. Harvested acres, at 67,500, are up 1 percent from the record low set in 2005. The average yield of 293 cwt per acre is 12 cwt above the 2005 crop. Summer potato production is 18.2 million cwt for 2006, up 3 percent from 2005. Harvested area, at 53,900 acres, is up 5 percent from the record low set the previous year. The average yield of 337 cwt per acre is 5 cwt below the record high set in 2005. Fall potatoes are finalized at 399 million cwt for 2006, up 4 percent from the 2005 crop. Area harvested in 2006 is estimated at 983,000 acres, up 4 percent from a year earlier. The average yield, at 406 cwt per acre, is a record high, 3 cwt above the previous record high set in 2005.

The value of all U.S. potatoes sold in 2006 is estimated at \$2.98 billion, up 8 percent from the previous year. The average price, at \$7.33 per cwt, is up \$0.27 from a year earlier. Sales from the 2006 potato crop totaled 407 million cwt, up 4 percent from 2005. Sales account for 92 percent of 2006 production. Non-sales account for 34.6 million cwt, 4 percent above the previous year. Over the past five years, 92 percent of the potatoes grown have been sold. The other 8 percent were either lost (shrinkage and loss) or used on farms where grown (seed, home use, and livestock feed).

U.S. processors used 280 million cwt of raw potatoes from the 2006 crop,

up 14 percent from a year earlier. Table stock sales totaled 101 million cwt, 16 percent below the previous year. Seed sales of 23.7 million cwt are up 6 percent from 2005. Sales for livestock feed, at 1.66 million cwt, are down 17 percent from a year earlier.

U.S. potatoes used for chips and shoestrings totaled 67.0 million cwt in 2006, up 31 percent from the previous year. Frozen french fries and other frozen products utilized 154 million cwt of raw potatoes, up 4 percent. Potatoes used for dehydrating totaled 54.6 million cwt, 29 percent above 2005. Canning use, at 3.00 million cwt, dropped 2 percent. Starch, flour, and other products were made from 1.10 million cwt of potatoes, 31 percent below the previous year.

Shrinkage and loss in the U.S. is estimated at 29.9 million cwt for 2006, up 5 percent from 2005. Potatoes used for livestock feed on farms where grown and home use totaled 1.24 million cwt, 3 percent above the previous season. Growers kept 3.50 million cwt for seed on their own farms, down 3 percent from a year earlier.

## **August U.S. Milk Production up 3.6**

Milk production in the 23 major States during August totaled 14.3 billion pounds, up 3.6 percent from August 2006. July revised production at 14.5 billion pounds, was up 4.0 percent from July 2006. The July revision represented an increase of 10.0 million pounds or 0.1 percent from last month's preliminary production estimate.

Production per cow in the 23 major States averaged 1,721 pounds for August, 45 pounds above August 2006.

The number of milk cows on farms in the 23 major States was 8.33 million head, 72,000 head more than August 2006, and 11,000 head more than July 2007.

## **August 2007 Red Meat Production for Montana and the U.S.**

Montana slaughter plants produced 1.5 million pounds, dressed weight, of red meat during August 2007, up 20 percent from August 2006, and up 11 percent from July 2007. Cattle slaughter totaled 1,700 head, up 400 head from one year ago. The average live weight decreased 103 pounds from last year to 1,162 pounds.

There were 1,500 hogs slaughtered in Montana during August, up 100 head from a year ago. The average live weight, at 242 pounds, decreased 2 pounds from last year. August sheep slaughter totaled 400 head, unchanged from August 2006. The average live weight increased 5 pounds from one year ago to 134 pounds.

Commercial red meat production for the United States totaled 4.33 billion pounds in August, up 2 percent from the 4.26 billion pounds produced in August 2006.

Beef production, at 2.45 billion pounds, was slightly above the previous year. Cattle slaughter totaled 3.13 million head, down slightly from August 2006. The average live weight was up 3 pounds from the previous year, at 1,279 pounds.

Veal production totaled 10.3 million pounds, 20 percent below August a year ago. Calf slaughter totaled 65,400 head, down 2 percent from August 2006. The average live weight

was down 54 pounds from last year, at 268 pounds.

Pork production totaled 1.85 billion pounds, up 4 percent from the previous year. Hog kill totaled 9.39 million head, up 3 percent from August 2006. The average live weight was up 1 pound from the previous year, at 263 pounds.

Lamb and mutton production, at 14.7 million pounds, was up 1 percent from August 2006. Sheep slaughter totaled 227,500 head, slightly above last year. The average live weight was 129 pounds, unchanged from August a year ago.

January to August 2007 commercial red meat production was 31.8 billion pounds, up 2 percent from 2006. Accumulated beef production was up 1 percent from last year, veal was up 1 percent, pork was up 3 percent from last year, and lamb and mutton production was down 2 percent.

## **August Egg Production Down 1 Percent**

U.S. egg production totaled 7.57 billion during August 2007, down 1 percent from last year. Production included 6.44 billion table eggs, and 1.13 billion hatching eggs, of which 1.07 billion were broiler-type and 65 million were egg-type. The total number of layers during August 2007 averaged 339 million, down 1 percent from last year. August egg production

per 100 layers was 2,229 eggs, down slightly from August 2006.

All layers in the U.S. on September 1, 2007 totaled 339 million, down 1 percent from last year. The 339 million layers consisted of 281 million layers producing table or market type eggs, 55.9 million layers producing broiler-type hatching eggs, and 2.73 million layers producing egg-type hatching eggs. Rate of lay per day on September 1, 2007, averaged 71.7 eggs per 100 layers, down 1 percent from September 1, 2006.

Egg-type chicks hatched during August 2007 totaled 36.8 million, up 3 percent from August 2006. Eggs in incubators totaled 35.3 million on September 1, 2007, down 4 percent from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 278,000 during August 2007, down 2 percent from August 2006.

Broiler-type chicks hatched during August 2007 totaled 829 million, up 2 percent from August 2006. Eggs in incubators totaled 670 million on September 1, 2007, up 2 percent from a year earlier.

Leading breeders placed 7.68 million broiler-type pullet chicks for future domestic hatchery supply flocks during August 2007, up 1 percent from August 2006.

### **COMING IN THE NEXT REPORTER**

Ag Prices Received  
Small Grains Summary  
Grain Stocks  
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