



Department Mission

"To protect producers and consumers and to enhance and develop agriculture and allied industries."

Director Ron de Yong, (406) 444-3144

Central Services Administrator: Libbi H. Lovshin

Attorney: Cort Jensen

Public Information Officer: Ron Zellar

Department Programs & Background

Montana Department of Agriculture operates some 30 programs, many funded entirely through user fees. These include regulatory programs that protect producers, consumers and the environment, as well as development and marketing programs to foster growth in Montana agriculture. The Director's Office also serves as an advocate for Montana agriculture in national and international forums and works to make the department's programs accessible to the public.

Agricultural Development Division

Deputy Director/Administrator: Joel A. Clairmont, (406) 444-2402

<p>Ag Marketing & Business Development Bureau</p> <ul style="list-style-type: none"> ▪ Marketing and Business Assistance ▪ Grants and Loans ▪ Agriculture Curriculum Development 	<p>Rural Development Bureau</p> <ul style="list-style-type: none"> ▪ Agricultural Finance ▪ Agricultural Statistics ▪ Commodity Check-off Programs ▪ State Hail Insurance
<p>Wheat & Barley Bureau, Great Falls</p> <ul style="list-style-type: none"> ▪ Producer funded research and marketing ▪ Hosts foreign buyers and delegations 	<p>State Grain Laboratory, Great Falls</p> <ul style="list-style-type: none"> ▪ Federally licensed grain inspection

Food and Agriculture Development Centers assisted 100 clients with regional food and farm-derived energy projects in FY 2010, helping to create or retain 150 employment positions.

Growth Through Agriculture grants and loans during FY 2010 totaled more than \$1.1 million to 42 businesses and individuals for value-added agriculture projects.

Marketing assistance during FY 2011 included more than 80 one-on-one company consultations; about \$1 million in trade show sales; and 27 promotions in out of state trade shows.

Rural Development finance programs have a combined loan portfolio of more than \$3.5 million.

State Hail Insurance insured 1.5 million acres in 2011, down slightly from the previous year's record 1.9 million acres.

State Grain Laboratory completed nearly 34,000 tests for grade, protein, germination, baking qualities, vomitoxin and other characteristics on wheat, barley and 20 other commodities, including more than 3,000 inspections on peas, beans and lentils. The Great Falls facility is the only federally licensed grain lab in Montana. A branch office is situated in Plentywood

Wheat & Barley Committee annually hosts an average of 13 foreign trade delegations and 63 visitors from seven nations that have an interest in purchasing Montana grains. The Committee represents producers on transportation issues, research, and market development.

Agricultural Sciences Division

Administrator: Greg Ames, (406) 444-2944

Analytical Laboratory Bureau, Bozeman
▪ Tests feed, pesticides, fertilizer, water

Commodity Services Bureau
▪ Anhydrous Ammonia
▪ Feed/ Fertilizer
▪ Grain Warehouses & Auditing
▪ Organic Certification
▪ Produce/ Seed/ Seed Potatoes

Pest Management Bureau
▪ Apiary/ Alfalfa Leaf Cutter Bees

▪ Export Certification
▪ Noxious Weeds
▪ Noxious Weed Seed Free Forage
▪ Nursery/ Quarantine
▪ Cooperative Ag Pest Survey

Technical Services Bureau
▪ Groundwater
▪ Licensing and Registration
▪ Pesticides
▪ Special Pesticide Registrations
▪ Vertebrate Pests

The Department:

- Licenses about 800 pesticide dealers and registers about 10,300 pesticide products.
- Licenses about 6,400 private and 2,000 commercial and government pesticide applicators.
- Certifies 74 commercial honeybee operations and registers 5,200 apiary locations.
- Issues 1,000 plant health and export certificates, enabling products to be shipped to other states and countries.
- Licenses 1,000 nurseries to assure quality products.
- Issues 3,000 inspection certificates on 261 million pounds of potatoes shipped for seed.

Analytical Laboratory, operated jointly with MSU at Bozeman, reports about 125,500 individual test results annually on 3,200 feed, fertilizer, soil, plant tissue and water quality samples.

Pesticide Disposal program assists homeowners, businesses and producers in disposing of unwanted and unusable pesticides - a total of 377,000 pounds since 1994.

Fertilizer program registered more than 3,300 fertilizer and soil amending products and licensed 211 in-state and 226 out-of-state businesses in 2011. Reports indicate 800,000 tons of fertilizer were distributed in Montana during 2010.

Organic program annually inspects and certifies 107 farms and ranches and 35 food handlers as compliant with USDA organic standards. Organic certification allows access to local, national and international value-added markets for organic food products.

Noxious Weed Trust Fund annually distributes more than \$2 million in grants for weed management, research and education from automobile license weed management fund, federal grants and interest received on Noxious Weed Trust Fund principal.

Board, Councils and Committees

The department receives advice from, and has attached to it, the following:

- Agriculture Development Council
- Alfalfa Seed Committee
- Cherry Advisory Committee
- Hail Insurance Board
- Mint Committee
- Noxious Weed Management Advisory Council
- Noxious Weed Seed Free Forage Advisory Council
- Noxious Weed Summit Advisory Council
- Organic Commodity Advisory Council
- Potato Advisory Committee
- Pulse Crop Advisory Committee
- Wheat & Barley Committee

Crop, Livestock, and Weather Digest, 2010

January: Montana received light to moderate precipitation during the month. Temperatures were above normal, with highs mostly in the 40s and 50s and lows ranging from negative 30s to positive teens. At month's end, winter wheat crop conditions were fair to good. Snow cover protectiveness for the crop was 66 percent good to excellent and wind, freeze, and drought damage was minimal. Topsoil moisture conditions were 69 percent adequate and surplus and subsoil moisture conditions were 55 percent adequate and surplus. Due to continued snowfall, most livestock received supplemental feeding at the end of the month.

February: Temperatures during February were above normal in western Montana and below normal in the eastern portion of the state. Superior and Thompson Falls reached the monthly high temperature of 59 degrees and Glendive had the monthly low of minus 26 degrees. Precipitation was below normal. Winter wheat crop conditions were fair to good at the end of the month. Calving and lambing were underway at 15 percent and 9 percent complete, respectively. Most livestock continued to receive supplemental feeding.

March: The month was unseasonably mild with below average precipitation. Hardin and Huntley reached the monthly high temperature of 75 degrees and Wisdom had the monthly low of minus 9 degrees. At month's end, winter wheat crop conditions were fair to good. Sixty-seven percent of pastureland was open for grazing, compared to eleven percent last month and forty percent last year. Ranchers continued to give supplemental feed to most livestock. Calving and lambing were 45 percent and 27 percent complete, respectively, by the end of the month.

April: Some areas of Montana received significant amounts of precipitation the first week, while others received none. The next week brought little moisture to the state, but adequate precipitation prevailed the next two weeks. April ended with one of the most intense storms in years. Strong winds and heavy precipitation affected most of the state. Up to four feet of heavy snow fell in the Mission Mountains and Little Belts. Winter wheat crop conditions were good to excellent at the end of the month. Spring planting was well underway. Calving and lambing were in full swing.

May: Wet, cold, and snowy conditions kept farmers out of the fields for most of the first week. Warm, dry weather mid-month allowed producers to make good progress with spring seeding. The last week brought widespread precipitation to the state. Topsoil moisture conditions were 98 percent adequate and surplus and subsoil moisture conditions were 85 percent adequate and surplus at month's end, both well ahead of last year and the five-year average. Winter wheat crop conditions continued to be good to excellent. Calving was complete and lambing was nearly complete. The movement of livestock to summer ranges was well underway by the end of the month.

June: Montana received considerable amounts of precipitation during the first three weeks in June. A rare tornado in Billings on the 20th caused limited crop damage in the surrounding area. Warmer temperatures and sunnier skies the rest of the month allowed crops to develop. Winter wheat crop conditions were good to excellent at the end of the month. Spring grains were in good to excellent condition. The first cutting of alfalfa and other hay was behind last year and the five-year average, due to the cool, wet weather of previous weeks. Ranchers had moved nearly all cattle and sheep to summer pastures by month's end.

July: High temperatures were mostly in the upper 80s and lower 90s during the month. Some areas in eastern Montana

had above average moisture, but overall, the state had below normal precipitation for July. Farmers began harvesting winter wheat at month's end, later than the five-year average. The first cutting of alfalfa and other hay was nearing completion and the second cutting of alfalfa hay had just started. Range and pasture feed conditions were good to excellent.

August: Montana received light to moderate precipitation the first week. Several areas reported over one inch of rain the second week. Hot, dry conditions mid-month helped harvest and crop progress. Widespread rain fell across the state during the last week. Winter wheat harvest was 85 percent complete at month's end, the same as last year but behind the five-year average of 95 percent. Harvest of other small grains was underway. By the end of the month, spring and durum wheat harvest was close to last year's progress, but well behind the five-year average. The second cutting of alfalfa and other hay was in full swing.

September: Wet, cool weather across Montana the first two weeks slowed harvest of spring crops. Winter wheat harvest was wrapped up by mid-month. Limited precipitation and warmer temperatures prevailed the next two weeks. Winter wheat seeding was progressing at month's end, though behind last year and the five-year average. The second cutting of alfalfa hay was nearly complete. Movement of livestock from summer pastures was well underway.

October: Montana had unseasonably warm, dry weather for much of the month. Small grain harvest was finished and winter wheat seeding was nearly complete by the third week. Near normal temperatures prevailed the last week, along with light to moderate precipitation. Sugar beet harvest was nearing completion at month's end, ahead of last year and the five year average. Eighty-three percent of cattle and calves and eighty-seven percent of sheep and lambs were moved from summer ranges.

November: Temperatures were above normal the first week of November and near normal the next two weeks. The weather was bitterly cold the last week. Ryegate reached the high temperature for the month at 79 degrees and Chester had the low at minus 32 degrees. Monthly precipitation totals were above average in many areas of the state. Due to heavy snowfall and extremely cold temperatures, 76 percent of cattle and calves and 80 percent of sheep and lambs received supplemental feed at month's end, significantly more than last year. Most livestock had been moved from summer ranges.

December: Montana had ample snowfall during December. West Yellowstone received the most accumulated moisture for the month at 5.34 inches. Temperatures were near normal in most areas. Stanford reached the high temperature for the month at 57 degrees and Wisdom had the low of minus 33 degrees. Winter wheat had good snow cover and wind, freeze, and drought damage was minimal. At month's end, winter wheat crop conditions were 72 percent good to excellent, well ahead of last year's 34 percent. Ninety-four percent of cattle and sheep received supplemental feed.

Climatological Data Annual and Growing Season Precipitation and Frost-Free Days, 2009-2010

STATIONS	COUNTY	PRECIPITATION in Inches						FROST FREE DAYS 1/		
		Annual			April - September			Growing Season		
		2009	2010	Normal 2/	2009	2010	Normal 2/	2009	2010	Average 3/
Big Sandy	Chouteau	8.61	16.76	13.82	5.98	13.91	10.54	112	152	97
Big Timber	Sweet Grass	--	16.35	16.11	10.05	11.88	11.25	130	142	126
Bigfork 13 S	Lake	--	28.18	21.87	7.02	18.96	12.47	160	159	152
Billings AP R	Yellowstone	10.91	18.75	14.77	6.48	13.37	9.58	156	163	150
Bozeman 6 W	Gallatin	17.38	17.89	16.45	12.01	13.32	11.39	107	88	101
Broadus	Powder River	--	17.54	13.59	--	15.32	9.49	129	152	119
Butte AP R	Silver Bow	12.53	15.37	12.78	9.35	12.20	9.03	77	82	73
Chester	Liberty	12.49	19.22	10.58	8.42	14.44	8.20	112	145	108
Chinook	Blaine	--	17.25	13.06	6.88	14.15	10.00	129	128	119
Circle	McCone	15.76	22.40	13.28	12.61	17.73	10.06	104	128	120
Columbus	Stillwater	14.04	16.10	15.67	8.56	10.90	10.56	111	107	125
Conrad	Pondera	--	16.73	12.06	--	13.55	9.12	112	153	93
Culbertson	Roosevelt	14.01	20.53	13.58	10.54	16.22	10.90	117	131	117
Cut Bank AP R	Glaciers	4.81	7.22	12.51	3.85	6.99	10.07	104	87	113
Dillon WMCE	Beaverhead	15.43	--	11.65	10.27	--	8.78	123	139	103
Ekalaka	Carter	15.60	20.07	17.25	8.55	16.72	12.39	129	133	123
Fairfield	Teton	10.96	13.95	12.50	8.03	11.03	9.85	112	98	133
Flatwillow 4 ENE	Petroleum	12.86	16.39	13.30	9.09	12.61	9.84	112	142	118
Forsyth	Rosebud	12.58	16.48	14.08	9.04	12.96	9.97	132	158	134
Fort Benton	Chouteau	11.80	16.85	13.69	8.04	12.03	10.04	93	154	131
Glasgow AP R	Valley	10.10	18.06	11.23	8.32	15.05	8.68	135	130	133
Glendive	Dawson	13.67	19.13	13.62	10.20	16.18	10.42	145	133	144
Great Falls AP R	Cascade	14.45	19.38	14.89	10.31	13.60	10.50	105	119	120
Hardin	Big Horn	--	17.02	12.07	5.22	12.63	8.08	106	156	133
Harlowton	Wheatland	--	14.83	14.08	9.59	12.65	10.73	--	--	111
Havre AP	Hill	8.75	14.81	11.46	6.74	11.47	8.35	109	146	125
Helena AP R	Lewis & Clark	10.25	12.97	11.32	7.13	9.54	8.19	134	144	121
Hysham 25 SSE	Treasure	--	5.23	14.37	--	3.26	9.63	--	158	135
Joliet	Carbon	--	13.25	15.77	--	9.36	10.24	--	106	120
Jordan	Garfield	--	18.29	12.90	--	14.64	9.59	104	131	122
Kalispell Glacier AP	Flathead	14.23	20.61	17.21	7.53	12.70	9.42	92	122	91
Kremlin	Hill	10.11	17.72	12.24	7.36	13.87	9.49	--	--	--
Lewistown AP R	Fergus	14.23	21.95	17.85	10.55	17.70	12.60	111	135	116
Livingston AP R	Park	15.24	15.38	15.73	11.92	12.14	11.26	111	107	105
Malta 7 E	Phillips	10.11	15.20	12.88	8.04	13.01	9.93	124	136	122
Medicine Lake 3 SE	Sheridan	--	20.37	12.99	11.83	15.37	10.43	123	--	125
Miles City AP R	Custer	10.25	17.78	13.49	8.56	16.33	9.97	135	161	143
Missoula AP R	Missoula	11.31	16.11	13.82	7.02	10.30	8.09	133	144	117
Opheim 12 SSE	Valley	--	14.23	11.94	7.57	13.20	9.89	102	98	110
Plentywood	Sheridan	--	20.30	13.15	9.47	14.35	10.39	--	--	116
Plevna	Fallon	16.42	18.61	14.69	12.47	14.95	10.67	--	133	114
Roundup	Musselshell	13.29	16.66	13.25	10.02	13.09	9.99	124	142	131
Saint Ignatius	Lake	--	19.95	16.54	--	12.19	10.34	123	--	131
Savage	Richland	14.63	19.84	13.96	10.58	15.11	10.89	138	161	126
Scobey 4 NW	Daniels	--	15.85	12.48	--	14.53	10.22	94	98	108
Sidney	Richland	--	21.59	14.31	10.89	16.46	10.84	145	161	125
Stanford	Judith Basin	15.37	21.98	17.13	9.16	17.62	12.69	112	110	109
Sunburst 8E	Toole	--	19.74	13.05	--	16.48	10.06	113	111	115
Terry 21 NNW	Prairie	13.03	17.54	13.67	9.94	15.32	10.44	91	133	126
Thompson Falls PH	Sanders	--	20.52	23.07	7.29	10.70	9.59	--	155	133
Townsend	Broadwater	--	12.42	10.67	--	10.24	8.20	--	109	120
Valier	Pondera	--	14.63	12.22	7.81	12.70	9.91	113	111	117
Vida 6 NE	McCone	--	21.36	13.88	10.95	18.32	10.46	130	130	119
Virginia City	Madison	16.90	20.31	15.82	10.92	14.35	10.85	77	80	85
Wibaux 2 E	Wibaux	15.13	19.38	14.01	11.00	17.02	11.17	104	118	113
Wilsall 8 ENE	Park	--	24.15	20.96	11.24	18.37	14.40	77	86	95
Wisdom	Beaverhead	12.75	17.24	11.90	8.84	11.26	7.85	11	18	18

1/ The number of days between the last frost (32 degrees) in spring and first frost (32 degrees) after June 30.

2/ Normal for period 1971-2000.

3/ Average frost-free days for the period 1991-2000.

-- Not available

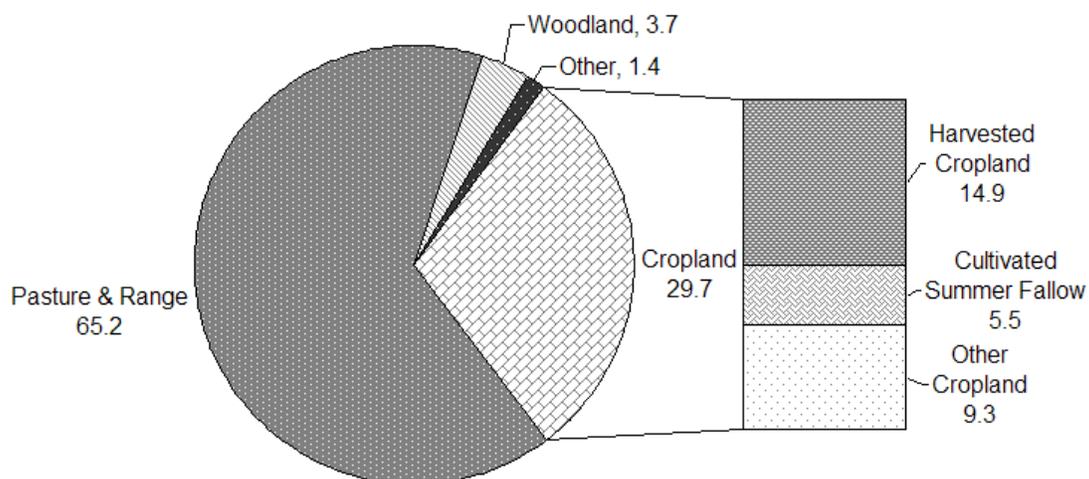
SOURCE: National Climatic Data Center, NOAA, Asheville, North Carolina.

Montana Facts and Figures

Montana Population		Land and Land Utilization 3/	
Total Population 1/ People Per Square Mile 1/	989,415 6.8	Montana Total Land Area	145,522 Sq. Miles 93,134,579 Acres
Farm Population 2/ People Per Farm 2/	39,930 1.9	All Land in Farms & Ranches Proportion of Land in Farms & Ranches	61,388,467 Acres 65.9 Percent
1/ Source: 2010 Population Census 2/ Source: 2000 Population Census 3/ Source: 2007 U.S. Census of Agriculture			

Farms Counts and Measurements			
Number of Farms & Ranches 1/ Average Size of Farm or Ranch	29,400 2,068 Acres	Real Estate Value/Farm or Ranch 3/ Average Value per Acre 4/	\$1,181,889 \$710
Total Farm & Ranch Assets 2/, 3/ Average Value Per Farm or Ranch 3/	\$42.0 Bil. \$1,428,683	Farm & Ranch Debt per Operation 3/	\$119,616
1/ Places with annual sales of agricultural products of \$1,000 or more, 2010 figure. 2/ Excludes farm operators' household assets and debt. 3/ Source: Economic Indicators of the Farm Sector, State Income and Balance Sheet Statistics, USDA-Economic Research Service. Figures are for 2008. 4/ Per acre, land and buildings, January 1, 2011.			

Land in Farms and Ranches: Utilization as a Percentage of Total



Source: 2007 Census of Agriculture.

Number of Farms

Year	Number of Farms (000)						
1910	28.8	1920	57.7	1930	55.0	1940	44.5
1911	31.5	1921	57.0	1931	54.5	1941	42.0
1912	34.0	1922	55.0	1932	54.0	1942	41.0
1913	37.0	1923	52.5	1933	53.5	1943	40.8
1914	40.0	1924	51.0	1934	53.0	1944	40.6
1915	45.0	1925	50.0	1935	52.0	1945	40.4
1916	50.0	1926	51.0	1936	50.0	1946	39.8
1917	54.0	1927	52.5	1937	48.0	1947	39.2
1918	56.0	1928	53.5	1938	46.0	1948	38.5
1919	57.0	1929	54.0	1939	45.0	1949	37.8

Number of Farms, All Land in Farms, and Average Size of Farms 1/

Year	Number of Farms (000)	All Land in Farms (000) Acres	Average Size of All Farms Acres	Year	Number of Farms (000)	All Land in Farms (000) Acres	Average Size of All Farms Acres
1950	37.2	65,000	1,747	1990	24.7	60,500	2,449
1951	36.8	65,200	1,772	1991	24.7	60,300	2,441
1952	36.4	65,500	1,799	1992	24.3	60,000	2,469
1953	35.9	65,800	1,833	1993	25.0	59,900	2,396
1954	35.4	66,100	1,867	1994	26.0	59,600	2,292
1955	34.8	66,100	1,899	1995	26.0	59,400	2,285
1956	34.2	66,200	1,936	1996	26.5	58,500	2,208
1957	33.6	66,300	1,973	1997	27.0	57,800	2,141
1958	33.0	66,500	2,015	1998	27.5	59,000	2,145
1959	32.4	66,600	2,056	1999	27.8	59,200	2,129
1960	31.7	66,700	2,104	2000	27.8	59,300	2,133
1961	30.8	66,800	2,169	2001	27.8	59,600	2,144
1962	30.1	66,800	2,219	2002	27.9	59,800	2,143
1963	29.5	66,800	2,264	2003	28.0	60,300	2,154
1964	28.9	67,200	2,325	2004	28.0	60,400	2,157
1965	28.4	66,700	2,349	2005	28.0	60,600	2,164
1966	28.0	66,200	2,364	2006	28.1	60,800	2,164
1967	27.6	65,700	2,380	2007	29.5	60,900	2,064
1968	27.1	65,200	2,406	2008	29.5	60,800	2,061
1969	26.7	64,700	2,423	2009	29.8	60,800	2,040
1970	26.4	64,200	2,432	2010	29.4	60,800	2,068
1971	26.0	63,700	2,450				
1972	25.5	63,200	2,478				
1973	25.1	63,000	2,510				
1974	24.6	62,800	2,553				
1975	23.4	62,200	2,658				
1976	23.4	62,200	2,658				
1977	23.5	62,100	2,643				
1978	23.6	62,100	2,631				
1979	23.7	62,100	2,620				
1980	23.8	61,900	2,601				
1981	23.9	61,700	2,582				
1982	24.0	61,500	2,563				
1983	24.1	61,300	2,544				
1984	24.2	61,100	2,525				
1985	24.3	61,000	2,510				
1986	24.4	60,900	2,496				
1987	24.5	60,800	2,482				
1988	24.6	60,700	2,467				
1989	24.7	60,600	2,453				

1/ Beginning in 1975, number of farms refers to places that had annual sales of agricultural products of \$1,000 or more.

Census of Agriculture Number of Farms by Size

Acres	1-9	10-49	50-179	180-499	500-999	1,000-1,999	2,000 or More	Total No. of Farms
Year	Number of Farms							
1954	1,455	1,893	4,800	5,952	5,553	1/	13,408	33,061
1959	675	1,690	3,804	4,938	4,671	1/	13,181	28,959
1964	704	1,641	3,393	4,396	3,954	5,101	7,831	27,020
1969	1,283	1,485	2,791	3,757	3,339	4,700	7,596	24,951
1974	1,177	1,550	2,707	3,436	2,990	4,053	7,411	23,324
1978	1,255	1,889	2,987	3,420	2,928	4,011	7,075	23,565
1982	1,551	2,673	3,080	3,097	2,640	3,345	7,184	23,570
1987	1,940	2,745	3,019	3,315	2,737	3,460	7,352	24,568
1992	1,209	2,804	3,061	2,964	2,521	3,040	7,222	27,821
1997	1,195	4,673	4,414	4,032	3,067	3,382	6,869	27,632
2002	1,484	5,005	4,497	3,964	2,770	3,034	7,116	27,870
2007	1,917	5,462	4,971	4,464	2,919	2,935	6,856	29,524

1/ Combined with "2,000 acres or more".

Census of Agriculture Number of Farms by Value of Sales

Value	Less than \$2,500	\$2,500-\$4,999	\$5,000-\$9,999	\$10,000-\$24,999	\$25,000-\$49,999	\$50,000-\$99,999	\$100,000-\$499,999	\$500,000 or More	Total No. of Farms
Year	Number of Farms								
1954	9,654	600	7,760	3,905	2,581	--	--	--	33,061
1959	6,469	4,024	6,570	11,691	--	--	--	--	28,959
1964	5,886	3,522	6,518	1/	11,753	1/	251	2/	27,020
1969	4,525	2,375	3,800	1/	13,512	1/	597	49	24,951
1974	3,340	1,655	2,520	1/	13,565	1/	2,036	106	23,324
1978	2,842	1,991	2,538	4,573	4,757	1/	2,567	160	23,565
1982	3,914	1,795	2,295	3,703	3,592	3,928	3,981	263	23,570
1987	4,320	2,006	2,374	3,912	3,695	4,064	3,945	252	24,568
1992	4,073	1,764	2,131	3,413	3,051	3,528	4,492	369	27,821
1997	7,129	2,314	2,559	3,666	3,066	3,425	4,988	485	27,632
2002	10,117	1,776	2,162	3,043	2,718	3,027	4,507	520	27,870
2007	11,977	1,784	1,934	2,770	2,215	2,464	5,247	1,133	29,524

1/ Combined with "\$25,000-\$49,999".

2/ Combined with "\$100,000-\$499,999".

-- Not available.

Census of Agriculture Number of Farms Reporting Cropland

Year	Farms Reporting Cropland	Acres of Cropland	Cropland Acres Average Size
1954	31,218	14,508,389	465
1959	27,486	15,077,067	549
1964	25,212	15,388,431	610
1969	22,709	16,108,575	709
1974	21,368	15,445,720	723
1978	21,437	16,232,608	757
1982	20,717	16,452,331	794
1987	21,064	17,829,766	846
1992	19,442	17,494,553	900
1997	22,803	18,238,158	800
2002	21,854	18,315,514	838
2007	21,809	18,241,710	836

Census of Agriculture Number of Farms, Land in Farms, and Average Farm Size, 2002 and 2007 1/

County and District	2002			2007		
	Number of Farms	Land in Farms - Acres	Average Farm Size - Acres	Number of Farms	Land in Farms - Acres	Average Farm Size - Acres
Deer Lodge	109	134,997	1,239	123	79,335	645
Flathead	1,075	234,861	218	1,094	251,597	230
Granite	140	282,907	2,021	166	302,973	1,825
Lake	1,185	601,544	508	1,280	637,306	498
Lincoln	310	54,236	175	350	51,885	148
Mineral	85	16,277	191	99	22,654	229
Missoula	641	258,315	403	699	281,893	403
Powell	274	618,687	2,258	273	670,354	2,456
Ravalli	1,441	245,133	170	1,532	262,872	172
Sanders	464	345,775	745	508	341,913	673
NORTHWEST	5,724	2,792,732	488	6,124	2,902,782	474
Blaine	588	2,261,411	3,846	655	2,330,605	3,558
Chouteau	787	2,301,376	2,924	849	2,277,842	2,683
Glacier	472	1,645,201	3,486	625	1,700,179	2,720
Hill	836	1,808,835	2,164	854	1,697,232	1,987
Liberty	297	905,171	3,048	299	904,327	3,025
Phillips	525	1,896,941	3,613	556	2,006,068	3,608
Pondera	520	900,107	1,731	542	9,444,486	1,743
Teton	700	1,230,550	1,758	770	1,152,691	1,497
Toole	405	1,087,797	2,686	428	1,115,019	2,605
NORTH CENTRAL	5,130	14,037,389	2,736	5,578	14,128,449	2,533
Daniels	364	815,443	2,240	397	860,238	2,167
Dawson	522	1,410,885	2,703	535	1,378,564	2,577
Garfield	268	2,181,755	8,141	288	2,391,958	8,305
McCone	496	1,346,271	2,714	489	1,506,824	3,081
Richland	587	1,201,436	2,047	548	1,279,300	2,334
Roosevelt	683	1,441,479	2,111	728	1,451,828	1,994
Sheridan	626	1,046,892	1,672	602	1,065,503	1,770
Valley	743	2,051,667	2,761	770	2,061,260	2,677
NORTHEAST	4,289	11,495,828	2,680	4,357	11,995,475	2,753
Broadwater	279	469,782	1,684	302	474,892	1,572
Cascade	1,037	1,388,530	1,339	1,112	1,379,645	1,241
Fergus	830	2,281,789	2,749	898	2,446,047	2,724
Golden Valley	140	660,787	4,720	153	671,764	4,391
Judith Basin	316	829,846	2,626	306	838,477	2,740
Lewis & Clark	635	841,826	1,326	675	971,240	1,439
Meagher	136	857,215	6,303	138	812,412	5,887
Musselshell	319	1,033,572	3,240	373	1,133,030	3,038
Petroleum	89	538,028	6,045	103	640,707	6,220
Wheatland	163	841,643	5,163	137	822,253	6,002
CENTRAL	3,944	9,743,018	2,470	4,197	10,190,467	2,428
Beaverhead	421	1,279,031	3,038	431	1,239,068	2,875
Gallatin	1,074	708,728	660	1,071	776,868	725
Jefferson	372	387,077	1,041	370	391,248	1,057
Madison	513	1,028,781	2,005	585	1,060,883	1,813
Silver Bow	155	73,792	476	175	101,081	578
SOUTHWEST	2,535	3,477,409	1,372	2,632	3,569,148	1,356
Big Horn	584	2,811,337	4,814	695	2,899,620	4,172
Carbon	703	753,504	1,072	715	793,628	1,110
Park	527	847,067	1,607	535	762,753	1,426
Stillwater	552	890,326	1,613	635	857,474	1,350
Sweetgrass	357	867,058	2,429	355	812,759	2,289
Treasure	115	606,846	5,277	101	461,790	4,572
Yellowstone	1,279	1,568,637	1,226	1,407	1,615,769	1,148
SOUTH CENTRAL	4,117	8,344,775	2,027	4,443	8,203,793	1,846
Carter	289	1,666,922	5,768	308	1,698,363	5,514
Custer	425	1,904,133	4,480	411	2,127,013	5,175
Fallon	327	932,211	2,851	296	978,818	3,307
Powder River	301	1,521,618	5,055	319	1,620,068	5,079
Prairie	162	619,684	3,825	173	767,508	4,436
Rosebud	412	2,540,898	6,167	478	2,714,024	5,678
Wibaux	215	535,786	2,492	208	492,554	2,368
SOUTHEAST	2,131	9,721,252	4,562	2,193	10,398,348	4,742
MONTANA	27,870	59,612,403	2,139	29,524	61,388,462	2,079

1/ Farms are places that had or would have had annual sales of agricultural products of \$1,000 or more.

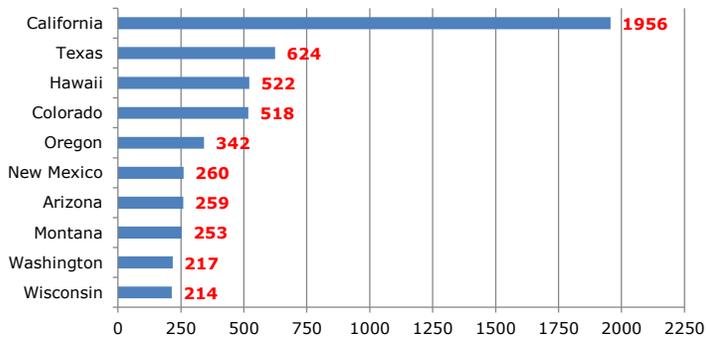
2009 On-Farm Renewable Energy Production Survey

According to 2009 On-Farm Energy Production Survey:

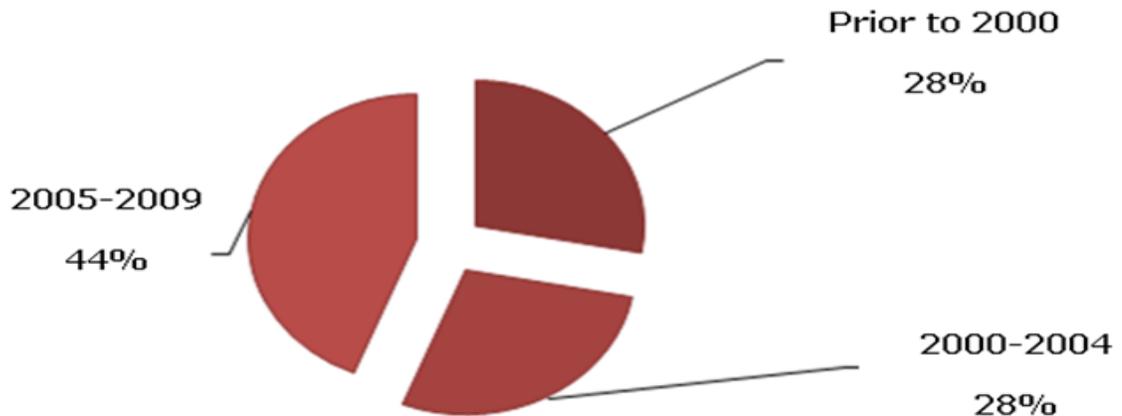
- Montana has 63 wind turbine farms
- 226 PV Solar Panel farms
- 35 Thermal Solar Panel farms
 - saved \$1,737 on 2009 utility bills
 - 25 farms perform energy audits
 - 47 farms received federal funding
- Montana ranked in the top five for the number of Wind Turbines

You can find the complete On-Farm Energy Production Publication online at http://www.agcensus.usda.gov/Publications/2007/Online_Highlights/On-Farm_Energy_Production/.

Top 10 U.S. Number of Farms On-Farm Renewable Energy Production



2009 Montana Solar Panels Installed



2010 Postharvest Chemical Use on Wheat Survey

According to 2009-2010 Wheat Postharvest Chemical Use:

In the summer and fall of 2010, NASS collected data about pesticide applications on all wheat and pest management practices for all grains handled at off-farm storage facilities. This postharvest survey was conducted for wheat marketed from June 1, 2009 through May 31, 2010. These results are based on 1,634 reports from operators in 14 program states: Colorado, Idaho, Kansas, Minnesota, Missouri, Montana, Nebraska, North Dakota, Ohio, Oklahoma, Oregon, South Dakota, Texas, and Washington.

Montana had 165.9 million bushels of winter wheat treated for insecticides or fungicides.

- 1.6% treated for insecticides
- 0.8% treated for fungicides
- Difenoconazole mostly used fungicide
- Aluminum Phospide mostly used insecticide

You can find the complete Wheat Postharvest Chemical Use Publication online at http://www.nass.usda.gov/Surveys/Guide_to_NASS_Surveys/Chemical_Use/.

Mechanical and Cleaning Practices Used for Pest Management in Montana

