

WHEAT VARIETIES -- 1984



MONTANA
CROP and LIVESTOCK
REPORTING SERVICE

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REDWIN REMAINS TOP WINTER WHEAT VARIETY: Redwin clearly surpassed other varieties with a 51 percent jump over last year's acreage. It was planted on 34.6 percent of Montana's winter wheat acreage or 933,500 acres. Redwin is noted for its winter hardiness and excellent protein level. Milling and baking qualities are also excellent.

Winalta also retained its position as producer's second favorite choice being planted on 361,000 acres or 13.4 percent of the State's winter wheat acreage. Winalta is a high quality milling and baking wheat with moderate winter hardiness.

Norstar stayed in third place with 11.7 percent or 314,900 acres, a 19 percent increase over last year. This variety is of medium height and straw strength and has very good winter hardiness.

Rocky replaces Centurk as the fourth favorite. Rocky was planted on 298,800 acres this year, 11.1 percent of all winter wheat planted in the state.

NEWANA MAINTAINS THE NUMBER ONE SPRING WHEAT SPOT: Newana was planted on 21.8 percent of the spring wheat acreage or 480,600 acres. Newana is a bearded semi-dwarf variety resistant to loose smut, stripe and stem rust but is susceptible to leaf rust.

Len held second place, claiming 12.4 percent or 273,200 seeded acres. Len is resistant to lodging, leaf and stem rust under Montana conditions.

Fortuna rose to third place with 12 percent of the total spring wheat seeded or 264,700 acres. Low stepped up to fourth place with 220,800 acres.

VIC IS TOP DURUM VARIETY: Vic continued its climb and replaced Ward as producer's favorite durum variety. Vic was planted on 75,700 acres or 36.9 percent of all durum planted. This type is of medium height with good disease resistance to stem rust, root rot and also has moderate resistance to leaf rust and blackpoint.

Ward dropped to second place claiming 22 percent or 45,000 seeded acres. Rolette had 21,900 acres and Crosby was seeded on 20,100 acres.

These data are based upon a sample survey of grain producers who report varieties seeded. Variety data by county are based upon the percent of each variety reported. Data for minor varieties and minor counties are subject to more variation than major varieties and major counties.

MONTANA WHEAT VARIETIES: PERCENT OF TOTAL SEEDED ACREAGE 1980-1984
 1983 REVISED and 1984 PRELIMINARY SEEDED ACRES

Class and Variety	Percent of Total Seeded Acreage					Seeded Acres	
	1980	1981	1982	1983	1984	1983 Revised	1984 Prelim.
	-----Percent-----						
<u>WINTER WHEAT</u>							
Redwin	--	--	8.3	24.2	34.6	616,700	933,500
Winalta	26.3	18.7	22.2	14.3	13.4	362,800	361,000
Norstar	2.3	15.4	11.8	10.4	11.7	265,700	314,900
Rocky	--	1.8	8.0	8.0	11.1	204,200	298,800
Centurk	24.7	24.6	15.4	8.9	6.6	225,700	177,600
Cheyenne	25.2	16.9	15.6	8.3	5.1	212,300	137,100
Roughrider	4.1	5.5	5.0	6.4	4.0	163,600	107,700
Citation	--	--	--	.9	2.4	22,200	63,700
Warrior	5.8	3.5	3.6	3.1	1.5	80,100	41,600
Neely	--	--	--	--	1.3	--	35,600
Winridge	--	--	--	--	.9	--	24,000
Other & Unknown	11.6	13.6	10.1	15.5	7.4	396,700	204,500
TOTAL	100.0	100.0	100.0	100.0	100.0	2,550,000	2,700,000
<u>SPRING WHEAT</u>							
Newana	7.6	12.7	12.7	19.8	21.8	405,900	480,600
Len	--	--	4.0	11.9	12.4	243,950	273,200
Fortuna	22.6	12.0	11.9	10.7	12.0	219,350	264,700
Lew	10.1	11.1	11.5	9.4	10.0	192,700	220,800
Olaf	17.1	15.2	17.8	11.3	9.5	231,650	209,700
Prodax	10.7	12.7	7.6	5.5	6.6	112,750	145,400
Butte	3.4	4.2	5.1	2.7	4.0	55,350	88,000
Solar	--	6.8	7.7	5.6	3.7	114,800	80,700
Tioga	6.2	5.6	5.6	2.3	2.9	47,150	63,500
Pondera	--	.2	.6	3.5	2.3	71,750	50,700
Bounty 309	--	--	--	--	1.7	--	36,400
Pro Brand 711	--	--	2.7	3.7	1.5	75,850	33,900
Marshall	--	--	--	--	1.2	--	24,500
Other & Unknown	22.3	19.5	12.8	13.6	10.4	278,800	227,900
TOTAL	100.0	100.0	100.0	100.0	100.0	2,050,000	2,200,000
<u>DURUM WHEAT</u>							
Vic	--	1.3	7.8	25.3	36.9	53,100	75,700
Ward	36.5	28.9	40.9	33.1	22.0	69,600	45,000
Rolette	14.2	8.3	9.7	8.9	10.7	18,600	21,900
Crosby	13.5	8.1	9.3	2.6	9.8	5,400	20,100
Cando	17.5	18.8	9.2	7.6	3.7	15,900	7,600
Wells	12.2	5.9	3.5	2.2	3.7	4,700	7,600
Other & Unknown	6.1	28.7	19.6	20.3	13.2	42,700	27,100
TOTAL	100.0	100.0	100.0	100.0	100.0	210,000	205,000

WINTER WHEAT: SEEDED ACREAGE BY VARIETIES, DISTRICT and SELECTED COUNTIES -- MONTANA 1984

District & County	Red-win	Win-atta	Nor-star	Rocky	Gen-turk	Chey-enne	Rough Rider	Cita-tion	War-rior	Neely	Win-ridge	Other & Unknown	TOTAL
--Thousands--													
N. WEST	.1	--	--	--	--	--	--	--	--	--	7.1	14.8	22.0
Blaine	13.1	27.0	40.0	8.8	--	--	--	--	--	--	--	.1	89.0
Chouteau	103.8	17.6	6.4	93.9	37.5	20.8	--	9.3	5.7	.9	2.4	14.6	312.9
Glacier	.8	8.7	.5	1.8	--	--	--	--	--	--	--	.2	12.0
Hill	63.2	40.3	103.0	16.4	3.7	4.1	--	2.0	--	--	--	9.3	242.0
Liberty	60.9	--	31.6	3.7	26.0	--	--	9.8	8.2	--	--	2.8	143.0
Phillips	25.5	14.2	3.7	--	--	--	--	--	--	--	--	3.6	47.0
Pondera	29.6	9.1	4.3	28.5	28.3	3.4	--	--	--	5.1	1.6	6.4	112.0
Teton	26.2	8.6	4.3	44.6	14.5	5.6	--	6.2	--	--	3.3	6.2	125.0
Toole	34.1	24.7	--	21.8	36.3	--	--	--	--	--	--	.2	117.1
N. CENTRAL	357.2	150.2	189.5	219.5	146.3	33.9	--	27.3	13.9	9.3	9.5	43.4	1,200.0
Dawson	16.3	11.3	11.7	2.7	--	--	33.7	--	--	--	--	8.3	84.0
Garfield	23.0	10.4	2.2	--	--	6.7	4.1	--	--	--	--	5.8	52.2
McCone	9.8	7.9	71.7	.8	--	3.8	15.5	--	--	--	--	2.9	108.5
Richland	11.3	38.5	--	--	--	.1	5.8	--	--	--	--	.4	59.5
Roosevelt	--	14.4	2.5	--	--	--	10.3	--	--	--	--	.4	27.7
Valley	16.8	5.6	6.5	2.4	--	--	--	--	--	--	--	2.5	33.8
Other	.5	--	1.5	--	--	--	6.1	--	--	--	--	.1	8.2
N. EAST	77.7	88.1	96.1	5.9	--	10.6	75.5	--	--	--	--	20.1	374.0
Cascade	36.6	--	4.3	44.2	2.7	2.3	--	--	--	3.7	2.3	14.6	110.7
Rergus	66.4	1.7	14.2	6.1	5.7	18.1	--	1.4	--	1.6	3.1	12.6	130.9
Golden Valley	15.7	--	--	2.2	8.2	12.7	--	--	--	--	--	8.8	47.6
Judith Basin	25.1	4.6	4.3	7.9	2.3	6.7	1.1	3.8	--	4.9	--	1.2	61.9
Wheatland	21.0	--	1.3	.2	--	--	--	--	--	--	--	.1	22.6
Other	43.4	8.6	--	--	7.3	8.5	--	--	1.8	--	--	34.7	102.3
CENTRAL	208.2	14.9	24.1	60.6	26.2	46.3	1.1	5.2	1.8	10.2	5.4	72.0	476.0
Gallatin	.3	7.2	--	6.4	--	4.6	--	--	--	--	--	10.5	29.9
Other	5.1	--	--	--	--	--	--	--	--	--	--	12.0	17.1
S. WEST	5.4	7.2	--	6.4	--	4.6	--	--	--	--	.9	22.5	47.0
Big Horn	76.4	10.5	4.9	4.2	--	4.4	--	--	14.3	--	--	1.3	116.0
Carbon	8.0	--	--	--	--	5.9	--	--	3.8	--	--	.2	18.5
Stillwater	31.2	4.8	--	--	4.3	3.8	--	31.2	--	--	.4	2.5	78.2
Yellowstone	42.4	16.9	--	1.5	--	5.0	--	--	--	16.1	--	18.2	100.1
Other	19.6	--	.3	--	.8	3.2	--	--	--	--	--	5.3	29.2
S. CENTRAL	177.6	32.2	5.2	5.7	5.1	22.3	--	31.2	18.1	16.1	1.0	27.5	342.0
Carter	10.1	21.2	--	--	--	.3	8.1	--	--	--	--	.3	40.0
Custer	18.8	4.2	--	.7	--	7.8	6.6	--	--	--	--	.9	28.0
Fallon	8.8	19.5	--	--	--	--	--	--	--	--	--	--	28.3
Powder River	33.8	1.7	--	--	--	1.4	--	--	--	--	--	1.1	38.0
Prairie	8.6	16.0	--	--	--	--	--	--	7.8	--	--	1.7	34.1
Rosebud	27.2	5.8	--	--	--	9.9	1.8	--	--	--	.1	.1	44.9
Wibaux	--	--	--	--	--	--	14.6	--	--	--	--	.1	14.7
S. EAST	107.3	68.4	--	.7	--	19.4	31.1	--	7.8	--	.1	4.2	239.0
STATE	933.5	361.0	314.9	298.8	177.6	137.1	107.7	63.7	41.6	35.6	24.0	204.5	2,700.0

SPRING WHEAT (EXCLUDING DURUM): SEEDED ACREAGE BY VARIETIES, DISTRICT and SELECTED COUNTIES -- MONTANA 1984

District & County	New-ana	Len	For-tuna	Lew	Olaf	Pro-dax	Butte	Solar	Tioga	Pon-dera	Bounty 309	711	Mar-shall	Other & Unknown	TOTAL
--Thousands--															
N. WEST	2.4	--	--	--	--	--	--	--	--	--	--	--	--	4.4	6.8
Blaine	41.1	--	10.8	3.6	7.3	3.2	2.4	.4	2.4	--	--	5.7	--	1.4	78.3
Chouteau	46.7	--	2.0	12.0	7.4	--	--	29.6	--	2.9	--	--	--	17.8	118.4
Glacier	8.5	--	59.7	25.4	--	5.7	--	.7	--	3.4	--	--	--	1.7	105.1
Hill	74.9	2.8	11.7	56.4	12.5	--	2.4	19.0	--	3.9	--	--	--	20.9	204.5
Liberty	41.3	4.3	11.3	8.5	--	2.5	--	6.6	--	1.6	--	--	--	5.6	81.7
Phillips	42.8	--	--	1.0	4.4	15.8	--	3.7	4.6	1.3	1.3	14.0	--	3.7	92.6
Pondera	--	--	10.0	9.3	--	3.0	--	4.7.	--	5.8	--	.2	--	6.8	39.8
Teton	5.3	--	17.2	--	--	.4	--	--	--	1.5	--	--	--	12.2	36.6
Toole	22.2	--	49.3	11.3	--	.6	--	--	.8	2.2	--	--	--	2.0	88.4
N. CENTRAL	282.8	7.1	172.0	127.5	31.6	31.2	4.8	64.7	7.8	22.6	1.3	19.9	--	72.1	845.4
Daniels	14.1	39.9	23.6	33.5	24.8	--	10.1	2.1	5.8	2.0	35.1	--	--	14.8	205.8
Dawson	12.1	38.4	--	--	25.8	1.6	1.5	--	--	2.6	--	--	--	2.2	84.2
Garfield	--	--	--	--	25.6	--	13.0	--	--	--	--	--	--	5.6	44.2
McCone	11.2	16.9	2.8	--	18.4	27.7	.7	--	.6	3.1	--	3.0	5.9	15.9	106.2
Richland	--	51.3	.4	--	13.7	.9	10.4	.8	--	--	--	--	--	10.0	87.5
Rosevelt	18.5	56.7	7.8	22.3	41.1	14.4	2.2	.4	22.8	5.0	--	5.7	1.8	9.3	208.0
Sheridan	3.8	20.7	5.1	11.3	2.8	36.2	20.4	1.2	2.5	--	--	--	--	17.2	121.2
Valley	50.9	23.5	24.0	10.0	10.0	33.4	11.3	1.6	24.0	2.6	--	4.9	--	32.6	228.8
N. EAST	110.6	247.4	63.7	77.1	162.2	114.2	69.6	6.1	55.7	15.3	35.1	13.6	7.7	107.6	1,085.9
Broadwater	3.2	--	9.8	--	--	--	--	--	--	--	--	--	--	--	13.0
Cascade	31.6	--	10.0	3.9	--	--	--	--	--	--	--	--	--	1.7	47.2
Fergus	15.3	--	1.4	5.1	--	--	--	--	--	--	--	--	--	--	21.8
Other	8.2	--	3.1	2.2	.2	--	--	1.1	--	.9	--	--	--	4.9	20.6
CENTRAL	58.3	--	24.3	11.2	.2	--	--	1.1	--	.9	--	--	--	6.6	102.6
S. WEST	2.7	--	--	.9	--	--	--	--	--	7.5	--	--	--	11.4	22.5
S. CENTRAL	20.1	1.6	.1	1.4	--	--	--	--	--	1.3	--	.4	--	4.4	29.3
Fallon	1.7	6.3	.8	--	12.0	--	3.2	--	--	--	--	--	--	14.4	38.4
Wibaux	--	9.1	--	2.7	--	--	5.1	7.8	--	--	--	--	16.8	1.9	43.4
Other	2.0	1.7	3.8	--	3.7	--	5.3	1.0	--	3.1	--	--	--	5.1	25.7
S. EAST	3.7	17.1	4.6	2.7	15.7	--	13.6	8.8	--	3.1	--	--	16.8	21.4	107.5
STATE	480.6	273.2	264.7	220.8	209.7	145.4	88.0	80.7	63.5	50.7	36.4	33.9	24.5	227.9	2,200.0

DURUM WHEAT: SEEDED ACREAGE BY VARIETIES
DISTRICTS and SELECTED COUNTIES -- MONTANA 1984

District and County	Vic	Ward	Rolette	Crosby	Cando	Wells	Other & Unknown	TOTAL
N. CENTRAL	10.3	3.0	15.8	--	3.8	--	9.5	42.4
Sheridan	46.1	27.4	6.1	20.1	3.0	5.1	11.6	119.4
Other	19.3	14.6	--	--	--	2.5	4.2	40.6
N. EAST	65.4	42.0	6.1	20.1	3.0	7.6	15.8	160.0
All Other Counties	--	--	--	--	.8	--	1.8	2.6
STATE	75.7	45.0	21.9	20.1	7.6	7.6	27.1	205.0

The tables in this report give varietal breakdowns of wheat by classes, with comparisons. Counties for which data are published were selected mainly because of their importance in production. Acreages shown are estimates of seeded acreage.

This report was made possible by funds provided by the Montana Wheat Research and Marketing Committee. The survey was conducted by the Montana Crop Reporting Service.

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WHEAT VARIETIES

1983



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REDWIN TOP WINTER WHEAT VARIETY: Redwin jumped from fifth place last year to first place this year, replacing the 14 year favorite, Winalta. An estimated 24.2 percent or 616,700 acres of the State's winter wheat acreage was seeded to Redwin in 1983. Redwin has winter hardiness with excellent protein level. Milling and baking qualities are also excellent.

Winalta was the second most popular variety with 14.2 percent of the winter wheat acreage or 362,800 acres. This variety is a high quality milling and baking wheat with moderate winter hardiness.

Norstar moved from fourth to third with 10.4 percent or 265,700 acres seeded. This variety is of medium height and straw strength with very good winter hardiness.

Centurk fell from third to fourth with 8.9 percent or 225,700 acres seeded. Centurk is a variety of medium height which resists shattering.

NEWANA BECOMES TOP SPRING WHEAT VARIETY: Newana moved from second to first place with 19.8 percent of the spring wheat seeded or 376,700 acres. Newana is a bearded semi-dwarf variety resistant to loose smut, stripe and stem rust but susceptible to leaf rust.

Len moved into second place, claiming 11.9 percent or 226,500 seeded acres. Len is resistant to lodging, leaf and stem rust under Montana conditions.

Olaf fell to third place with 11.3 percent of total spring wheat seeded acres or 214,600 acres. Fortuna fell to fourth place with 202,700 acres, 10.7 percent.

WARD REMAINS TOP DURUM WHEAT VARIETY: Ward remained in first place claiming 33.1 percent or 69,600 acres of estimated seeded durum acres.

Vic found its way into second place this year with 25.3 percent or 53,100 acres. Vic is a medium height variety with good disease resistance to stem rust, root rot and moderate resistance to leaf rust and blackpoint. Rollette had 18,600 acres. Cando was seeded on 15,900 acres.

These data are based upon a sample survey of grain producers who report varieties seeded. Variety data by county are based upon the percent of each variety reported. Data for minor varieties and minor counties are subject to more variation than major varieties and major counties.

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Class and Variety	Percent of Total Seeded Acreage					Seeded Acres	
	1979	1980	1981	1982	1983	1982 Revised	1983 Preliminary
	-----Percent-----						
<u>WINTER WHEAT</u>							
Redwin	--	---	--	8.3	24.2	203,600	616,700
Winalta	27.7	26.3	18.7	22.2	14.3	544,500	362,800
Norstar	--	2.3	15.4	11.8	10.4	289,400	265,700
Centurk	27.1	24.7	24.6	15.4	8.9	376,800	225,700
Cheyenne	23.5	25.2	16.9	15.6	8.3	381,000	212,300
Rocky	--	--	1.8	8.0	8.0	195,800	204,200
Roughrider	2.6	4.1	5.5	5.0	6.4	122,700	163,600
Warrior	4.6	5.8	3.5	3.6	3.1	88,100	80,100
Winoka	3.4	2.2	2.2	.2	2.1	4,900	54,400
Citation	--	--	--	--	.9	300	22,200
Nugaines	--	--	2.4	.5	.8	11,500	21,300
Other & Unknown	11.1	9.4	9.0	9.4	12.6	231,400	321,000
TOTAL	100.0	100.0	100.0	100.0	100.0	2,450,000	2,550,000
<u>SPRING WHEAT</u>							
Newana	5.8	7.6	12.7	12.7	19.8	373,300	376,700
Len	--	--	--	4.0	11.9	119,400	226,500
Olaf	17.1	17.1	15.2	17.8	11.3	524,100	214,600
Fortuna	23.4	22.6	12.0	11.9	10.7	350,500	202,700
Lew	5.2	10.1	11.1	11.5	9.4	340,300	179,200
Solar	--	--	6.8	7.7	5.6	228,000	106,900
Prodax	9.9	10.7	12.7	7.6	5.5	225,500	105,200
711	--	--	--	2.7	3.7	79,300	70,200
Pondera	--	--	.2	.6	3.5	18,500	65,900
Butte	4.5	3.4	4.2	5.1	2.7	149,800	51,200
Tioga	8.5	6.2	5.6	5.6	2.3	165,100	44,500
Walera	--	--	--	--	1.4	--	26,100
Red River 68	--	.8	1.5	.2	1.0	4,700	19,400
Other & Unknown	5.6	21.5	18.0	12.6	11.2	371,500	210,900
TOTAL	100.0	100.0	100.0	100.0	100.0	2,950,000	1,900,000
<u>DURUM</u>							
Ward	18.4	36.5	28.9	40.9	33.1	143,100	69,600
Vic	--	--	1.3	7.8	25.3	27,300	53,100
Rolette	18.5	14.2	8.3	9.7	8.9	33,900	18,600
Cando	17.7	17.5	18.8	9.2	7.6	32,200	15,900
Crosby	12.2	13.5	8.1	9.3	2.6	32,600	5,400
Wells	18.3	12.2	5.9	3.5	2.2	12,200	4,700
Other & Unknown	14.9	6.1	28.7	19.6	20.3	68,700	42,700
TOTAL	100.0	100.0	100.0	100.0	100.0	350,000	210,000

WINTER WHEAT: SEEDED ACREAGE BY VARIETIES, DISTRICT and SELECTED COUNTIES - MONTANA 1983

District & County	Red-Win	Win- alta	Nor- star	Gen- turk	Chey- enne	Rocky	Rough Rider	Mar- rior	Min- oka	Cita- tion	Nu- gaines	Other & Unknown	TOTAL
--Thousands--													
N WEST	--	--	--	--	--	1.1	--	--	--	--	1.3	13.6	15.0
Blaine	--	32.4	57.9	--	--	5.1	--	--	--	--	--	11.6	107.0
Chouteau	59.1	18.5	7.9	46.3	27.9	44.3	--	28.0	--	8.6	--	70.4	311.0
Glacier	--	--	--	--	--	--	--	--	--	--	--	18.0	18.0
Hill	103.0	36.9	37.8	--	11.7	7.3	--	11.3	21.1	.4	--	6.5	236.0
Liberty	34.4	--	33.8	13.9	--	27.6	--	3.2	--	2.5	--	5.6	121.0
Phillips	13.5	19.9	9.4	--	--	--	--	--	--	--	--	5.2	48.0
Pondera	27.8	9.6	13.3	20.4	30.9	24.1	--	--	2.6	--	--	.3	129.0
Teton	20.7	--	9.8	19.5	11.9	36.1	--	--	4.1	3.7	--	12.2	118.0
Toole	13.5	27.2	5.9	40.5	--	20.1	--	--	.8	--	--	4.0	112.0
N CENTRAL	272.0	144.5	175.8	140.6	82.4	164.6	--	42.5	28.6	15.2	--	133.8	1,200.0
Dawson	11.9	35.1	15.9	--	--	1.0	--	--	--	--	--	1.9	99.0
Gartfield	61.7	3.5	--	1.3	.7	--	33.2	--	--	--	--	--	71.0
McDone	4.3	62.5	26.9	--	4.1	--	3.8	--	22.0	--	--	--	133.0
Richland	30.4	33.3	.8	--	--	--	15.6	--	--	--	--	3.9	84.0
Roosevelt	--	--	8.2	--	--	--	22.8	--	--	--	--	--	31.0
Valley	--	18.6	1.7	--	--	--	12.0	--	--	--	--	10.7	43.0
Other	--	--	1.3	--	--	--	3.9	--	--	--	--	3.8	9.0
N EAST	108.3	153.0	54.8	1.3	4.8	1.0	104.5	--	22.0	--	--	20.3	470.0
Broadwater	6.8	--	--	7.2	--	--	--	--	--	1.4	--	5.6	21.0
Cascade	41.0	--	--	12.0	7.3	2.9	--	13.3	--	--	--	7.5	84.0
Fergus	20.9	8.7	20.8	27.6	15.5	19.0	--	--	--	--	--	.5	113.0
Golden Valley	14.7	--	5.5	--	12.7	--	--	--	--	--	--	.1	33.0
Judith Basin	23.6	--	5.9	4.0	3.2	3.5	--	--	--	1.0	--	3.8	45.0
Wheatland	4.7	--	--	7.1	9.1	2.6	3.0	--	--	4.6	--	3.0	24.0
Other	20.3	5.6	2.9	--	--	--	3.0	--	--	--	--	1.1	40.0
CENTRAL	132.0	14.3	35.1	57.9	47.8	28.0	3.0	13.3	--	7.0	--	21.6	360.0
Gallatin	12.5	--	--	--	5.4	2.6	--	--	--	--	--	6.5	27.0
Other	--	--	--	--	--	--	--	--	--	--	--	13.0	13.0
S WEST	12.5	--	--	--	5.4	2.6	--	--	--	--	--	19.5	40.0
Big Horn	1.0	5.0	--	--	12.0	--	--	--	--	--	--	62.0	80.0
Carbon	6.4	--	--	--	3.3	--	--	--	--	--	--	1.3	11.0
Stillwater	19.5	3.3	--	17.3	1.9	--	--	4.5	--	--	--	.5	47.0
Yellowstone	36.7	3.4	--	--	--	7.4	--	3.7	--	--	20.0	1.8	73.0
Other	1.9	--	--	--	10.5	.5	--	--	--	--	--	6.1	19.0
S CENTRAL	65.5	11.7	--	17.3	27.7	7.9	--	8.2	--	--	20.0	71.7	230.0
Carter	3.2	5.6	--	.6	--	--	28.0	--	--	--	--	.6	38.0
Custer	1.6	6.2	--	--	--	--	8.8	--	--	--	--	25.4	42.0
Fallon	--	18.8	--	--	--	--	13.2	--	--	--	--	--	32.0
Powder River	1.7	3.8	--	8.0	8.7	--	--	16.1	3.8	--	--	6.0	32.0
Prairie	12.4	--	--	--	--	--	--	--	--	--	--	8.5	37.0
Rosebud	7.5	--	--	--	35.5	--	--	--	--	--	--	--	43.0
Wibaux	--	4.9	--	--	--	--	6.1	--	--	--	--	--	11.0
S EAST	26.4	39.3	--	8.6	44.2	--	56.1	16.1	3.8	--	--	40.5	235.0
STATE	616.7	362.8	265.7	225.7	212.3	204.2	163.6	80.1	54.4	22.2	21.3	321.0	2,550.0

SPRING WHEAT (EXCLUDING DURUM): SEEDED ACREAGE BY VARIETIES, DISTRICT and SELECTED COUNTIES - MONTANA 1983

District & County	New-ana	Len	Otaf	For-tuna	Lew	Solar	Pro-dax	711	Pon-dera	Butte	Tioga	Wal-era	Red River 68	Other & Unknown	TOTAL
--thousands--															
N WEST															
Blaine	47.2	--	4.4	8.2	--	--	--	--	--	--	--	--	--	10.0	10.0
Chouteau	46.8	--	16.0	12.0	5.7	48.1	--	--	3.6	--	--	--	--	10.2	70.0
Glacier	--	.4	--	42.2	21.1	--	9.1	--	--	--	--	--	--	17.8	150.0
Hill	73.7	--	.3	6.8	16.3	30.3	--	42.6	.6	3.4	--	--	--	2.2	75.0
Liberty	27.8	7.9	--	30.5	6.9	2.3	2.4	--	2.2	--	--	--	--	6.0	180.0
Phillips	18.0	--	15.5	--	--	--	31.7	--	--	--	10.3	--	--	--	80.0
Pondera	.6	--	--	9.7	4.6	3.0	2.6	--	6.6	--	--	--	--	9.5	85.0
Teton	6.7	--	--	9.1	--	--	--	--	.7	--	--	--	--	2.9	30.0
Toole	13.8	--	--	41.0	22.2	3.8	12.9	--	--	--	--	--	--	3.5	20.0
N CENTRAL	234.6	8.3	36.2	159.5	76.8	87.5	58.7	42.6	13.7	3.4	10.3	--	--	53.4	785.0
Daniels	--	19.4	27.7	.3	74.1	--	--	--	.3	22.2	--	5.0	10.0	6.0	165.0
Dawson	29.1	26.3	14.6	--	--	--	--	2.0	11.8	.6	--	--	--	.6	85.0
Garfield	3.0	--	13.6	--	--	--	2.6	--	--	--	--	--	--	20.8	40.0
McCone	15.3	23.3	18.3	2.8	--	--	13.5	1.2	30.0	--	--	--	--	.6	105.0
Richland	5.3	36.6	23.6	--	3.5	3.0	--	--	--	5.4	--	--	--	2.6	80.0
Roosevelt	4.4	68.3	28.2	3.8	13.6	5.8	--	5.9	5.3	.4	--	5.5	--	8.8	150.0
Sheridan	--	14.0	10.7	1.2	2.8	5.3	10.3	--	--	5.5	4.5	8.5	1.5	10.7	75.0
Valley	41.5	14.6	28.4	26.7	3.3	3.0	18.3	10.4	--	3.5	29.7	--	--	25.6	205.0
N EAST	98.6	202.5	165.1	34.8	97.3	17.1	44.7	19.5	47.4	37.6	34.2	19.0	11.5	75.7	905.0
Broadwater	3.4	--	--	--	--	--	--	--	4.8	--	--	--	--	1.8	10.0
Cascade	13.4	--	--	--	1.2	--	--	--	--	--	--	--	--	12.4	27.0
Fergus	6.6	--	--	.3	--	--	.1	6.1	--	--	--	--	--	.4	13.5
Other	5.4	--	--	3.3	--	--	.1	--	--	--	--	--	--	10.7	19.5
CENTRAL	28.8	--	--	3.6	1.2	--	.2	6.1	4.8	--	--	--	--	25.3	70.0
S WEST	6.4	--	--	.4	.4	--	--	--	--	--	--	--	--	12.8	20.0
S CENTRAL	8.3	--	--	.8	--	--	--	2.0	--	--	--	7.1	--	6.8	25.0
Fallon	--	8.0	10.6	--	--	--	--	--	--	--	--	--	--	7.9	26.0
Wibaux	--	5.3	2.5	--	2.0	2.3	--	--	--	--	--	--	7.9	11.0	31.0
Other	--	2.4	.2	3.6	1.5	--	1.6	--	--	10.2	--	--	--	8.0	27.5
S EAST	--	15.7	13.3	3.6	3.5	2.3	1.6	--	--	10.2	--	--	7.9	26.9	85.0
STATE	376.7	226.5	214.6	202.7	179.2	106.9	105.2	70.2	65.9	51.2	44.5	26.1	19.4	210.9	1,900.0

DURUM WHEAT: SEEDED ACREAGE BY VARIETIES,
DISTRICTS and SELECTED COUNTIES - MONTANA 1982

District and County	Ward	Vic	Ro-lette	Cando	Crosby	Wells	Other & Unknown	TOTAL
N CENTRAL	2.0	3.6	--	5.4	--	--	12.0	23.0
Sheridan	46.3	49.5	18.5	10.5	5.4	4.7	--	134.9
Other	17.1	--	--	--	--	--	27.1	44.2
N EAST	63.4	49.5	18.5	10.5	5.4	4.7	27.1	179.1
All Other Counties	4.2	--	.1	--	--	--	3.6	7.9
STATE	69.6	53.1	18.6	15.9	5.4	4.7	42.7	210.0

The tables in this report give varietal breakdowns of wheat by classes, with comparisons. Counties for which data are published were selected mainly because of their importance in production. Acreages shown are estimates of seeded acreage.

This report was made possible by funds provided by the Montana Wheat Research and Marketing Committee. The survey was conducted by the Montana Crop Reporting Service.

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WHEAT VARIETIES

1982



Statistical Reporting Service- USDA
Montana Department of Agriculture
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OFFICIAL FILE COPY

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WINALTA TOP WINTER WHEAT VARIETY: Winalta is once again Montana's most popular variety of winter wheat replacing last year's favorite Centurk. An estimated 544,500 acres or 22.2 percent of the State's acreage was seeded to Winalta in 1982. This variety is a high quality milling and baking wheat with moderate winter hardiness.

Cheyenne was the second most popular variety with 15.6 percent of the winter wheat acreage or 381,000 acres. The Cheyenne variety produces a strong gluten flour, but lacks the loaf volume and texture of Winalta.

Centurk fell from first to third with 376,800 acres or 15.4 percent of the State's acreage. Centurk is a variety of medium height which resists shattering.

Norstar remained the fourth most popular variety with 11.8 percent or 289,400 acres seeded. This variety is of medium height and straw strength with very good winter hardiness.

OLAF REMAINS TOP SPRING WHEAT VARIETY: During 1982, Olaf continued as the most popular variety of spring wheat in Montana. For the second consecutive year, Olaf led all other spring wheat varieties with 524,100 acres or 17.8 percent of the spring wheat seeded.

Newana moved from third to second with 12.7 percent of 373,300 acres planted. Newana is a bearded, semi-dwarf variety resistant to loose smut, stripe rust and stem rust, but susceptible to leaf rust.

Fortuna, a former favorite in the State, moved from fourth to third with 350,500 acres or 11.9 percent of the spring wheat seeded. Low was almost as popular with 11.5 percent or 340,300 acres seeded.

WARD STILL TOP DURUM WHEAT VARIETY: Ward continued its dominance as the most popular variety of durum wheat seeded in Montana. It increased its share to 143,100 acres or 40.9 percent of the total durum acres seeded.

Rolette was the second most popular variety with 9.7 percent of the acreage. Crosby was third with 9.3 percent of the acreage, while Cando was close behind with 9.2 percent of the durum wheat planted.

These data are based upon a sample survey of grain producers who report varieties seeded. Variety data by county are based upon the percent of each variety reported. Data for minor varieties and minor counties are subject to more variation than major varieties and major counties.

MONTANA WHEAT VARIETIES: PERCENT OF TOTAL SEEDED ACREAGE 1978 - 1982
1981 REVISED AND 1982 PRELIMINARY SEEDED ACRES

Class and Variety	Percent of Total Seeded Acreage					Seeded Acres	
	1978	1979	1980	1981	1982	1981	1982
	-----Percent-----					Revised	Preliminary
<u>WINTER WHEAT</u>							
Winalta	29.1	27.7	26.3	18.7	22.2	496,500	544,500
Cheyenne	26.2	23.5	25.2	16.9	15.6	447,300	381,000
Centurk	28.1	27.1	24.7	24.6	15.4	651,000	376,800
Norstar	--	--	2.3	15.4	11.8	407,300	289,400
Redwin	--	--	--	--	8.3	--	203,600
Rocky	--	--	--	1.8	8.0	47,100	195,800
Roughrider	--	2.6	4.1	5.5	5.0	146,800	122,700
Warrior	3.2	4.6	5.8	3.5	3.6	93,100	88,100
Jeff	--	--	--	--	1.2	--	29,900
Scoutland	--	--	--	--	.8	--	19,900
Brawny	--	--	--	--	.6	--	14,300
Other & Unknown	13.4	14.5	11.6	13.6	7.5	360,900	184,000
TOTAL	100.0	100.0	100.0	100.0	100.0	2,650,000	2,450,000
<u>SPRING WHEAT</u>							
Olaf	22.8	17.1	17.1	15.2	17.8	434,600	524,100
Newana	1.0	5.8	7.6	12.7	12.7	362,100	373,300
Fortuna	21.6	23.4	22.6	12.0	11.9	342,900	350,500
Lew	3.8	5.2	10.1	11.1	11.5	317,200	340,300
Solar	--	--	--	6.8	7.7	193,500	228,000
Prodax	9.0	9.9	10.7	12.7	7.6	362,800	225,500
Tioga	8.9	8.5	6.2	5.6	5.6	158,600	165,100
Butte	--	4.5	3.4	4.2	5.1	119,300	149,800
Len	--	--	--	--	4.0	--	119,400
711	--	--	--	--	2.7	--	79,300
Wampum	--	--	--	1.4	2.5	40,500	72,900
Coteau	--	--	--	--	1.8	--	52,200
Norana	3.4	3.2	2.6	3.9	1.7	110,700	51,400
Other & Unknown	29.5	22.4	19.7	14.4	7.4	407,800	218,200
TOTAL	100.0	100.0	100.0	100.0	100.0	2,850,000	2,950,000
<u>DURUM</u>							
Ward	30.8	18.4	36.5	28.9	40.9	141,600	143,100
Rolette	3.4	18.5	14.2	8.3	9.7	40,700	33,900
Crosby	19.2	12.2	13.5	8.1	9.3	39,600	32,600
Cando	7.2	17.7	17.5	18.8	9.2	92,300	32,200
Vic	--	--	--	1.3	7.8	6,500	27,300
Calvin	--	--	--	9.1	3.5	44,700	12,200
Wells	5.7	18.3	12.2	5.9	3.5	28,700	12,200
Wakoma	--	--	--	--	2.3	--	7,900
Wascana	1.7	--	1.3	3.4	1.0	16,800	3,600
Other & Unknown	32.0	14.9	4.8	16.2	12.8	79,100	45,000
TOTAL	100.0	100.0	100.0	100.0	100.0	490,000	350,000

Dist. & Co.	Win- ata	Uney- enne	Gen- turk	Nor- star	Red- win	Rocky	Kough Rider	War- rior	Jeff	Scout- land	Brawny	Other & Unknown	TOTAL
N WEST	3.3	--	--	--	--	1.1	--	--	--	--	--	17.6	22.0
Blaine	--	24.3	--	40.3	--	25.4	--	--	--	--	--	--	90.0
Chouteau	35.2	36.8	103.3	14.6	14.7	31.6	--	39.7	--	--	1.1	5.1	282.0
Glacier	11.4	--	--	--	--	--	--	1.9	--	--	--	1.7	15.0
Hill	61.8	45.9	4.8	65.4	33.3	11.7	--	24.1	--	--	--	--	247.0
Liberty	27.6	5.3	12.2	34.5	27.5	--	--	--	--	--	--	--	107.0
Phillips	--	--	--	--	--	--	--	--	--	--	--	37.0	37.0
Pondera	16.4	--	53.1	19.7	--	23.8	--	--	--	--	--	--	113.0
Teton	--	29.4	23.5	11.4	4.2	22.5	--	--	--	--	--	4.1	95.0
Toole	--	--	73.5	25.8	14.7	--	--	--	--	--	--	--	114.0
N CENTRAL	152.3	141.6	270.3	211.6	94.4	115.0	65.7	--	--	--	1.1	47.9	1,100.0
Dawson	52.7	1.6	--	--	.9	--	36.7	--	--	--	--	--	91.8
Garfield	7.9	15.0	--	--	8.0	8.0	--	--	--	--	--	--	38.8
McCone	48.2	--	--	29.1	--	--	40.7	--	--	--	--	--	117.9
Richland	7.1	--	--	20.6	--	--	30.7	--	--	--	13.1	--	71.5
Roosevelt	--	--	--	2.7	--	--	14.7	--	--	--	--	--	17.4
Valley	24.2	--	--	--	--	--	--	--	--	--	--	--	24.2
Other	--	--	--	--	--	--	--	--	--	--	--	3.4	3.4
N EAST	140.0	16.6	--	52.3	8.8	8.0	122.7	--	--	--	13.1	3.4	365.0
Cascade	--	16.3	10.0	1.6	12.4	42.0	--	--	--	--	--	3.8	86.0
Fergus	2.2	55.8	22.6	8.0	22.9	7.5	--	--	--	--	--	--	119.0
Golden Valley	4.1	5.7	--	9.3	2.1	--	--	--	--	--	--	9.7	31.0
Judith Basin	8.5	1.0	20.3	4.4	16.4	--	--	--	--	--	--	4.4	55.0
Other	33.3	11.6	14.6	.2	7.3	--	--	--	--	--	--	32.0	99.0
CENTRAL	48.2	90.3	67.5	23.5	61.1	49.5	--	--	--	--	--	49.9	390.0
Gallatin	14.5	--	2.8	.6	1.4	2.8	--	--	--	--	--	17.0	39.0
Other	.1	--	2.8	1.4	8.4	.8	--	--	1.3	--	--	4.2	19.0
S WEST	14.6	--	5.6	2.0	9.8	3.6	--	--	1.3	--	--	21.2	58.0
Big Horn	--	56.8	--	--	--	17.9	--	--	21.3	--	--	6.0	102.0
Carbon	--	7.5	--	--	3.4	--	--	--	--	--	--	4.1	15.0
Park	12.0	1.3	--	--	--	.7	--	--	--	--	--	--	14.0
Stillwater	16.8	19.8	11.0	--	9.4	--	--	--	--	--	--	--	57.0
Yellowstone	21.3	34.7	16.4	--	14.9	--	--	1.2	7.3	--	--	--	95.8
Other	--	--	--	--	--	--	--	--	--	--	--	16.3	16.3
S CENTRAL	50.0	120.0	27.4	--	27.8	18.7	--	1.2	28.6	--	--	26.4	300.0
Carter	34.0	--	--	--	--	--	--	--	--	--	--	--	34.0
Custer	13.7	.9	6.0	--	--	--	--	--	--	11.4	--	2.1	34.0
Fallon	29.0	--	--	--	--	--	--	--	--	--	--	--	29.0
Powder River	4.3	9.5	--	--	1.7	--	--	--	--	8.5	--	--	24.0
Prairie	13.2	2.2	--	--	--	--	--	20.7	--	--	--	--	36.0
Rosebud	41.9	--	--	--	--	--	--	.5	--	--	--	.5	43.0
Wibaux	--	--	--	--	--	--	--	--	--	--	--	15.0	15.0
S EAST	136.0	12.5	6.0	--	1.7	--	--	21.2	--	19.9	--	17.6	215.0
STATE	544.5	381.0	376.8	289.4	203.6	195.8	122.7	88.1	29.9	19.9	14.3	184.0	2,450.0

SPRING WHEAT (EXCLUDING DURUM)
SEEDED ACREAGE BY VARIETIES, DISTRICT & SELECTED COUNTIES - MONTANA 1982

District & County	Olaf	New-ana	For-tuna	Low	Solar	Pro-dax	Tioga	Butte	Len	711	Mam-pum	Co-teau	Nor-ana	Other & Unknown	TOTAL
N WEST	--	7.0	--	--	--	--	--	--	--	--	--	--	.5	4.5	12.0
Blaine	--	47.9	9.5	5.8	4.0	--	--	--	--	35.8	--	--	--	--	103.0
Chouteau	.5	46.9	33.4	18.1	17.9	.8	--	--	--	--	65.8	--	4.2	.4	188.0
Glacier	--	--	31.6	48.2	--	23.6	--	--	--	--	1.3	--	--	2.4	107.1
Hill	19.6	47.0	47.5	80.3	73.0	12.0	--	--	--	--	--	--	30.6	--	310.0
Liberty	--	19.4	47.7	21.6	8.7	13.5	--	--	11.1	--	--	--	--	30.0	152.0
Phillips	11.2	7.1	1.8	--	19.2	48.0	25.4	--	--	4.3	--	--	--	--	117.0
Pondera	--	.5	45.4	2.8	--	2.6	--	--	--	--	1.6	--	--	.2	53.1
Teton	--	2.9	9.8	16.1	1.8	--	--	--	--	--	2.9	--	--	2.3	35.8
Toole	4.2	3.1	31.4	36.4	--	45.7	--	--	--	--	--	--	--	13.3	134.1
N CENTRAL	35.5	174.8	258.1	229.3	124.6	146.2	25.4	--	11.1	40.1	71.6	--	34.8	48.6	1,200.1
Daniels	96.4	9.0	9.6	66.3	--	7.1	35.2	7.2	14.4	--	--	10.8	--	9.0	265.0
Dawson	35.8	12.1	--	--	15.4	--	--	16.4	3.7	--	--	--	--	3.7	87.1
Garfield	38.6	--	--	--	--	--	--	34.5	--	--	--	--	8.9	--	82.0
McCone	53.9	34.4	--	--	--	9.7	--	8.4	16.0	--	--	--	--	12.6	135.0
Richland	44.7	5.3	--	--	6.5	--	--	--	39.6	4.9	--	--	--	10.9	111.9
Roosevelt	80.7	7.8	30.1	22.3	30.6	10.9	3.8	19.1	32.4	--	--	--	--	19.3	257.0
Sheridan	12.9	--	--	1.5	14.4	23.8	10.7	8.7	--	11.0	--	2.1	--	2.9	88.0
Valley	45.2	40.3	24.0	2.7	--	17.5	90.0	44.8	--	--	--	11.4	--	38.0	313.9
N EAST	408.2	108.9	63.7	92.8	66.9	69.0	139.7	139.1	106.1	15.9	--	24.3	8.9	96.4	1,339.9
Cascade	--	33.9	.4	12.6	--	--	--	--	--	6.9	--	--	.6	6.7	61.1
Fergus	--	14.0	5.4	--	--	1.1	--	--	--	--	--	--	1.6	.8	22.9
Judith Basin	--	9.2	--	--	.3	--	--	--	--	--	--	--	.7	3.7	13.9
Other	--	15.4	10.2	--	5.7	2.1	--	--	--	--	--	--	--	8.7	42.1
CENTRAL	--	72.5	16.0	12.6	6.0	3.2	--	--	--	6.9	--	--	2.9	19.9	140.0
S WEST	--	3.4	.1	--	--	--	--	4.8	--	.2	.7	--	--	15.8	25.0
S CENTRAL	--	6.1	5.8	5.6	--	7.1	--	--	--	--	.3	--	--	5.0	29.9
Fallon	54.9	--	3.9	--	--	--	--	5.9	--	--	--	--	--	.6	66.0
Wibaux	--	--	--	--	30.5	--	--	--	1.5	--	--	27.9	4.4	12.8	77.1
Other	25.5	.6	2.9	--	--	--	--	--	--	16.2	.3	--	--	14.5	60.0
S EAST	80.4	.6	6.8	--	30.5	--	--	5.9	2.2	16.2	.3	27.9	4.4	27.9	203.1
STATE	524.1	373.3	350.5	340.3	228.0	225.5	165.1	149.8	119.4	79.3	72.9	52.2	51.5	218.1	2,950.0

DURUM WHEAT: SEEDED ACREAGE BY VARIETIES, DISTRICTS AND SELECTED COUNTIES - MONTANA 1982

District and County	Ward	Ro-lette	Crosby	Cando	Vic	Calvin	Wells	Wakoma	Wascan	Langdon	Leeds	Colter	Other & Unknown	TOTAL
N CENTRAL	38.9	16.8	--	--	--	--	--	--	3.6	--	2.8	1.5	10.0	73.5
Madison	57.1	17.1	32.6	32.2	25.2	--	--	--	--	--	--	--	5.8	169.9
Other	44.4	--	--	--	--	12.2	12.2	7.9	--	3.2	--	--	19.3	99.2
N EAST	101.4	17.1	32.6	32.2	25.2	12.2	12.2	7.9	--	3.2	--	--	25.0	269.0
All Other Counties	2.9	--	--	--	2.1	--	--	--	--	--	--	.2	2.3	7.5
STATE	143.1	33.9	32.6	32.2	27.3	12.2	12.2	7.9	3.6	3.2	2.8	1.7	37.3	350.0

The tables in this report give varietal breakdowns of wheat by classes, with comparisons. Counties for which data are published were selected mainly because of their importance in production. Acreages shown are estimates of seeded acreage.

This report was made possible by funds provided by the Montana Wheat Research and Marketing Committee. The survey was conducted by the Montana Crop Reporting Service.

Lyle H. Pratt,
State Statistician
Montana Crop & Livestock Reporting Service

Randy Van Winkle,
Agr. Statistician

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DURUM WHEAT: SEEDED ACREAGE BY VARIETIES, DISTRICTS AND SELECTED COUNTIES - MONTANA 1982

District and County	Ward	Rolette	Crosby	Cando	Vic	Calvin	Wellis	Wakoma	Mascana	Langdon	Leeds	Colter	Other & Unknown	TOTAL
N CENTRAL	38.9	16.8	--	--	--	--	--	--	3.6	--	2.8	1.5	10.0	73.5
Sheridan	57.1	17.1	32.6	32.2	25.2	--	--	--	--	--	--	--	5.8	169.9
Other	44.4	--	--	--	--	12.2	12.2	7.9	--	3.2	--	--	19.3	99.2
N EAST	101.4	17.1	32.6	32.2	25.2	12.2	12.2	7.9	--	3.2	--	--	25.0	269.0
All Other Counties	2.9	--	--	--	2.1	--	--	--	--	--	--	.2	2.3	7.5
STATE	143.1	33.9	32.6	32.2	27.3	12.2	12.2	7.9	3.6	3.2	2.8	1.7	37.3	350.0

The tables in this report give varietal breakdowns of wheat by classes, with comparisons. Counties for which data are published were selected mainly because of their importance in production. Acreages shown are estimates of seeded acreage.

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Lyle H. Pratt,
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WHEAT VARIETIES

1981



Statistical Reporting Service-USDA
Montana Department of Agriculture
PO Box 4369-Helena, MT 59604

Released: August 11, 1981

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CENTURK TOP WINTER WHEAT VARIETY: Centurk replaced Winalta as the most popular variety of winter wheat seeded in Montana. An estimated 651,000 acres or 24.6 percent of the State's acreage was seeded to this variety in 1981. Centurk is a variety of medium height and straw length which resists shattering.

Winalta fell to the second most popular variety with 18.7 percent of the acreage or 496,000 acres planted. Winalta is a high-quality milling and baking wheat, with moderate winter hardiness.

Cheyenne slipped to third with 447,300 acres which accounted for 16.9 percent of the State's acreage. The Cheyenne variety produces a strong gluten flour but lacks the loaf volume and texture of Winalta.

Norstar jumped to fourth with 15.4 percent or 407,300 acres. It is a variety of medium height and straw strength with very good winter hardiness.

OLAF BECOMES TOP SPRING WHEAT VARIETY: Farmers planted 434,600 acres of Olaf, making it the number one spring wheat variety with 15.2 percent of the planted acreage. It is a semi-dwarf, rust-resistant variety with good test weight.

Prodax moved up to second place with 362,800 acres or 12.7 percent of the acreage seeded. It is a semi-dwarf variety with white awns.

Newana was the third most popular variety, virtually tied with Prodax, with 362,100 acres seeded. It is a bearded, semi-dwarf variety resistant to loose smut, stripe rust and stem rust, but susceptible to leaf rust.

Fortuna slipped from first to fourth with 12.0 percent and Lew was fifth with 11.1 percent.

WARD STILL TOP DURUM WHEAT VARIETY: Ward continues to be the most popular variety of durum wheat seeded in Montana. An estimated 141,600 acres or 28.9 percent of the durum acreage was planted to Ward.

Cando remained in second place with 18.8 percent of the acreage. Calvin moved up to third with 9.1 percent. The fourth and fifth most popular varieties of durum were Rolette and Crosby with 8.3 and 8.1 percent of the seeded acreage respectively.

These data are based upon a sample survey of grain producers who report varieties seeded. Variety data by county are based upon the percent of each variety reported. Data for minor varieties and minor counties are subject to more variation than major varieties and major counties.

MONTANA WHEAT VARIETIES: PERCENT OF TOTAL SEEDED ACREAGE 1977 - 1981
 1980 REVISED AND 1981 PRELIMINARY SEEDED ACRES

Class and Variety	Percent of Total Seeded Acreage					Seeded Acres	
	1977	1978	1979	1980	1981	1980 Revised	1981 Preliminary
	-----Percent-----						
<u>WINTER WHEAT</u>							
Centurk	25.7	28.1	27.1	24.7	24.6	641,100	651,000
Winalta	31.1	29.1	27.7	26.3	18.7	683,800	496,500
Cheyenne	23.0	26.2	23.5	25.2	16.9	656,000	447,300
Norstar	--	--	--	2.3	15.4	60,700	407,300
Roughrider	--	--	2.6	4.1	5.5	106,800	146,800
Warrior	3.9	3.2	4.6	5.8	3.5	150,300	93,100
Nugaines	.8	.5	1.1	1.2	2.4	31,500	62,400
Winoka	3.3	3.2	3.4	2.2	2.2	58,900	58,400
Rocky	--	--	--	--	1.8	--	47,100
Lancer	1.3	.4	.5	.7	.5	16,900	12,700
Wanser	--	--	--	--	.5	--	12,600
Other & Unknown	10.9	9.3	9.5	7.5	8.0	194,000	214,800
TOTAL	100.0	100.0	100.0	100.0	100.0	2,600,000	2,650,000
<u>SPRING WHEAT</u>							
Olaf	24.1	22.8	17.1	17.1	15.2	496,500	434,600
Prodax	6.3	9.0	9.9	10.7	12.7	309,800	362,800
Newana	--	1.0	5.8	7.6	12.7	220,100	362,100
Fortuna	34.1	21.6	23.4	22.6	12.0	656,000	342,900
Lew	1.4	3.8	5.2	10.1	11.1	293,600	317,200
Solar	--	--	--	--	6.8	--	193,500
Tioga	7.9	8.9	8.5	6.2	5.6	179,900	158,600
Butte	--	--	4.5	3.4	4.2	99,100	119,300
Norana	3.4	3.4	3.2	2.6	3.9	73,800	110,700
Thatcher	4.4	6.8	3.3	3.4	2.6	99,300	73,300
Wared	4.9	6.1	4.7	2.6	1.7	75,900	49,600
Waldron	1.3	2.3	--	--	1.4	--	40,700
Wampum	--	--	--	--	1.4	--	40,500
Other & Unknown	12.2	14.3	14.4	13.7	8.7	396,000	244,200
TOTAL	100.0	100.0	100.0	100.0	100.0	2,900,000	2,850,000
<u>DURUM</u>							
Ward	25.5	30.8	18.4	36.5	28.9	171,600	141,600
Cando	--	7.2	17.7	17.5	18.8	82,300	92,300
Calvin	--	--	--	--	9.1	--	44,700
Rolette	--	3.4	18.5	14.2	8.3	66,700	40,700
Crosby	16.1	19.2	12.2	13.5	8.1	63,500	39,600
Wells	21.5	5.7	18.3	12.2	5.9	57,300	28,700
Colter	--	--	--	--	5.2	--	25,600
Wascona	5.0	1.7	--	1.3	3.4	6,100	16,800
Rugby	--	--	--	--	2.8	--	13,600
Edmore	--	--	--	--	1.6	--	7,800
Vic	--	--	--	--	1.3	--	6,500
Leeds	1.7	3.3	--	1.1	1.0	5,200	4,800
Other & Unknown	30.2	28.7	14.9	3.7	5.6	17,300	27,300
TOTAL	100.0	100.0	100.0	100.0	100.0	470,000	490,000

WINTER WHEAT: SEEDED ACREAGE BY VARIETIES, DISTRICT AND SELECTED COUNTIES - MONTANA 1981

Dist. & Co.	Centurk	Winalta	Cheyenne	Norstar	Rough Rider	Warrior	Nugaines	Minoka	Rocky	Lancer	Man-ser	Other & Unknown	TOTAL
N. WEST	1.7	--	.1	--	--	--	7.9	--	1.8	--	--	8.5	20.0
Blaine	--	15.0	18.0	50.0	1.2	5.2	3.5	3.4	--	--	--	1.6	97.9
Chouteau	118.3	35.1	59.0	30.5	--	16.4	--	--	10.8	6.4	--	12.7	289.2
Glacier	--	8.1	5.6	1.2	--	--	--	--	--	3.8	--	1.5	20.2
Hill	31.7	71.8	63.6	82.7	--	12.0	3.9	17.3	--	--	--	13.3	296.3
Liberty	31.9	23.7	2.3	54.0	4.9	--	1.8	--	--	--	--	.6	119.2
Phillips	4.0	8.5	2.0	18.2	--	--	--	--	--	--	--	1.5	34.2
Pondera	47.4	22.3	3.5	18.2	--	--	--	10.0	.5	--	--	3.1	105.0
Teton	36.3	5.9	19.7	12.4	--	5.6	--	3.4	.3	--	--	2.9	86.5
Toole	20.0	30.2	--	42.5	--	--	--	7.5	6.9	--	--	2.4	109.5
N. CENTRAL	289.6	220.6	173.7	309.7	6.1	39.2	9.2	41.6	18.5	10.2	--	39.6	1,158.0
Dawson	--	20.5	1.5	2.5	39.1	--	--	--	--	--	--	6.2	69.8
Garfield	--	26.1	5.5	8.2	1.8	.8	--	--	--	--	--	10.7	53.1
McCone	6.0	55.4	--	10.1	31.9	--	--	--	--	--	--	15.8	119.2
Richland	--	20.0	--	12.7	10.9	2.0	--	--	.8	--	--	5.6	52.0
Roosevelt	--	3.0	--	3.9	8.0	--	--	--	--	--	--	2.8	17.7
Valley	--	8.7	--	.7	8.0	.2	--	--	--	--	--	5.2	22.8
Other	--	.4	--	.9	1.0	--	--	--	--	--	--	.1	2.4
N. EAST	6.0	134.1	7.0	39.0	100.7	3.0	--	--	.8	--	--	46.4	337.0
Cascade	43.4	4.7	29.6	10.5	--	1.0	--	--	4.8	.9	2.8	7.6	105.3
Fergus	36.6	19.2	44.5	9.5	--	3.2	--	3.9	2.7	1.0	2.1	11.3	134.0
Golden Valley	5.0	--	22.0	--	--	--	4.4	--	--	.6	--	12.0	44.0
Judith Basin	14.5	2.4	26.2	8.3	1.0	--	--	4.0	--	--	.4	1.7	58.5
Other	44.7	23.2	6.8	6.4	--	1.0	--	1.0	1.0	--	--	4.1	88.2
CENTRAL	144.2	49.5	129.1	34.7	1.0	5.2	4.4	8.9	8.5	2.5	5.3	36.7	430.0
Gallatin	1.6	8.0	5.0	3.5	--	--	10.0	--	12.5	--	--	8.0	48.6
Other	.4	11.2	6.0	--	--	--	1.2	--	.3	--	--	4.3	23.4
S. WEST	2.0	19.2	11.0	3.5	--	--	11.2	--	12.8	--	--	12.3	72.0
Big Horn	51.4	--	37.7	2.0	6.0	14.5	4.6	--	--	--	--	14.7	130.9
Carbon	1.8	2.0	9.7	--	--	.5	1.5	--	--	--	--	3.4	18.9
Park	3.5	3.8	5.0	--	--	2.0	--	--	--	--	--	6.8	21.1
Stillwater	27.5	8.6	4.0	--	1.0	9.6	4.7	--	--	--	6.0	15.5	76.9
Yellowstone	29.3	--	40.2	3.0	3.0	3.0	13.0	--	--	--	1.3	12.7	105.5
Other	7.0	1.2	.1	--	--	1.2	5.9	--	--	--	--	1.3	16.7
S. CENTRAL	120.5	15.6	96.7	5.0	10.0	30.8	29.7	--	--	--	7.3	54.4	370.0
Carter	10.0	9.0	--	--	22.7	--	--	--	--	--	--	4.9	46.6
Custer	30.5	1.0	4.3	4.0	--	2.5	--	--	--	--	--	.1	42.4
Fallon	--	23.1	--	1.0	6.3	1.8	--	2.0	1.7	--	--	4.2	40.1
Powder River	18.0	1.5	10.3	--	--	1.3	--	--	--	--	--	4.1	35.2
Prairie	20.0	15.5	--	7.0	--	5.0	--	--	--	--	--	1.1	48.6
Rosebud	8.5	--	15.1	3.4	--	4.3	--	--	3.0	--	--	1.7	36.0
Wibaux	--	7.4	--	--	--	--	--	5.9	--	--	--	.8	14.1
S. EAST	87.0	57.5	29.7	15.4	29.0	14.9	--	7.9	4.7	--	--	16.9	263.0
STATE	651.0	496.5	447.3	407.3	146.8	93.1	62.4	58.4	47.1	12.7	12.6	214.8	2,650.0

SPRING WHEAT (EXCLUDING DURUM)
SEEDED ACREAGE BY VARIETIES, DISTRICT & SELECTED COUNTIES - MONTANA 1981

District and County	Olaf	Pro-dax	New-ana	For-tuna	Lew	Solar	Tioga	Butte	Nor-ana	Thatcher	Wared	Mal-dron	Mam-pum	Other & Unknown	TOTAL
N. WEST	--	--	4.7	--	--	.6	--	--	--	--	--	.1	--	4.6	10.0
Blaine	2.2	8.7	31.7	9.3	15.0	8.6	10.4	--	3.2	--	--	--	--	2.1	91.2
Chouteau	1.7	8.8	45.1	59.9	20.0	11.8	--	5.5	24.6	2.7	11.2	--	3.0	5.7	200.0
Glacier	--	11.8	9.7	27.6	26.7	4.0	--	2.8	21.0	--	--	--	.1	14.3	118.0
Hill	32.6	15.4	58.9	41.9	63.3	8.3	--	--	10.7	2.6	--	2.5	.1	8.3	244.6
Liberty	3.7	43.4	--	17.5	20.8	17.8	--	--	26.0	--	.3	--	--	2.5	132.0
Phillips	22.6	46.3	2.0	4.3	.1	--	23.0	--	--	4.7	.3	--	--	11.2	114.5
Pondera	2.3	11.9	11.3	9.1	8.2	10.3	--	--	--	--	4.3	--	2.0	2.0	61.4
Teton	13.5	1.0	5.1	25.6	.5	3.0	--	--	2.5	--	--	--	--	1.6	64.8
Toole	13.0	75.3	6.5	39.3	.2	7.8	1.7	10.6	--	--	--	--	.1	7.0	161.5
N. CENTRAL	91.6	222.6	170.3	234.5	154.8	71.6	35.1	18.9	88.0	10.0	16.1	2.5	17.3	54.7	1,188.0
Daniels	33.3	13.8	2.0	20.1	54.0	8.0	39.6	14.1	3.1	--	--	8.0	1.5	23.1	220.6
Dawson	51.5	9.0	45.5	.5	--	--	--	14.1	--	2.2	--	--	--	19.7	142.5
Garfield	33.3	--	16.6	8.5	--	--	--	--	--	--	--	--	--	10.5	68.9
McCone	35.4	21.1	26.1	2.6	3.8	14.8	1.0	.2	--	21.3	--	--	--	7.0	133.3
Richland	49.5	1.5	19.3	--	4.9	.2	--	2.5	--	.2	30.2	--	--	14.0	122.3
Roosevelt	67.6	28.3	24.3	14.2	54.6	31.2	6.0	5.6	--	24.6	--	7.7	1.5	10.1	275.7
Sheridan	10.7	19.7	1.5	1.0	9.0	14.6	5.9	7.9	--	--	--	7.3	--	4.1	81.7
Valley	35.2	23.0	2.4	14.0	28.0	7.2	71.0	33.9	2.5	14.8	--	1.2	14.2	37.6	285.0
N. EAST	316.5	116.4	137.7	60.9	154.3	76.0	123.5	78.3	5.6	63.1	30.2	24.2	17.2	126.1	1,330.0
Cascade	7.4	5.7	24.3	5.2	4.9	2.0	--	--	6.5	--	2.6	--	2.2	2.9	63.7
Fergus	--	6.6	6.4	4.4	2.1	1.4	--	--	--	--	--	--	.3	.4	21.6
Judith Basin	--	--	1.0	3.5	--	6.8	--	--	--	--	--	--	--	.1	11.4
Other	.2	5.5	8.9	6.1	.1	.8	--	--	3.7	--	--	--	.3	2.7	28.3
CENTRAL	7.6	17.8	40.6	19.2	7.1	11.0	--	--	10.2	--	2.6	--	2.8	6.1	125.0
S. WEST	--	1.4	2.8	1.0	--	--	--	--	.3	.2	--	--	--	10.3	16.0
S. CENTRAL	--	1.5	4.6	4.3	1.0	--	--	--	--	--	--	--	3.2	11.4	26.0
Fallon	8.5	1.7	--	.3	--	18.5	--	--	2.0	--	--	8.3	--	10.9	50.2
Wibaux	7.0	.6	.3	1.1	--	10.0	--	19.1	--	--	.7	5.6	--	13.5	57.9
Other	3.4	.8	1.1	21.6	--	5.8	--	3.0	4.6	--	--	--	--	6.6	46.9
S. EAST	18.9	3.1	1.4	23.0	--	34.3	--	22.1	6.6	--	.7	13.9	--	31.0	155.0
STATE	434.6	362.8	362.1	342.9	317.2	193.5	158.6	119.3	110.7	73.3	49.6	40.7	40.5	244.2	2,850.0

DURUM WHEAT: SEEDED ACREAGE BY VARIETIES, DISTRICTS AND SELECTED COUNTIES - MONTANA 1981

District and County	Ward	Cando	Calvin	Rolette	Crosby	Wells	Colter	Wascona	Rugby	Edmore	Vic	Leeds	Other & Unknown	TOTAL
N. CENTRAL	36.3	2.3	--	6.0	--	.7	1.9	9.8	--	3.4	--	1.0	6.3	67.7
Sheridan	51.9	87.8	37.6	23.8	33.6	12.0	18.7	--	2.6	1.0	4.2	--	5.4	278.6
Other	47.4	1.2	7.1	10.9	6.0	16.0	5.0	7.0	11.0	3.4	2.3	3.8	12.7	133.8
N. EAST	99.3	89.0	44.7	34.7	39.6	28.0	23.7	7.0	13.6	4.4	6.5	3.8	18.1	412.4
All Other Counties	6.0	1.0	--	--	--	--	--	--	--	--	--	--	2.9	9.9
STATE	141.6	92.3	44.7	40.7	39.6	28.7	25.6	16.8	13.6	7.8	6.5	4.8	27.3	490.0

The tables in this report give varietal breakdowns of wheat by classes, with comparisons. Counties for which data are published were selected mainly because of their importance in production. Acreages shown are estimates of seeded acreage.

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