

WHEAT VARIETIES 1989

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MONTANA
AGRICULTURAL
STATISTICS SERVICE

U.S. Department of Agriculture
Montana Department of Agriculture
P.O. Box 4369 - Helena, MT 59604

Released: August 4, 1989

WINTER WHEAT

NEELY remained the top winter wheat variety in Montana, accounting for 24 percent of the planted acreage. It was released in 1980 and is a semi-dwarf variety with intermediate maturity. Neeley generally has 1 to 3 percent lower protein than other recommended varieties.

REDWIN is again in second place with nearly 20 percent of the acreage. It is a Montana-developed variety first released in 1979, and has good yield potential, winter hardiness, shatter and lodging resistance and excellent protein.

ROCKY climbed into third place and occupies 12 percent of the planting. It was released by North American Plant Breeders. Rocky is adapted to the same areas as Centurk but has superior yields.

WINALTA dropped from third to fourth place and covers 9 percent of the winter wheat acreage. It is a high quality milling and baking wheat and was first released in 1961.

HARD SPRING WHEAT

NEWANA has been the number one planted spring wheat since 1983. It is a Montana developed semi-dwarf variety with good yield potential and satisfactory milling quality. This year it covered 20 percent of the acreage.

LEN remains in second position with 15 percent of the acreage. It is a semi-dwarf variety from North Dakota with excellent milling and baking quality.

FORTUNA, again in third place, accounts for 15 percent of the acreage. It has good to excellent milling and baking quality.

LEW retains its fourth place position with 10 percent of the planting. **RAMBO** moved into fifth, replacing **STOA** which dropped to sixth.

DURUM WHEAT

VIC, the number one durum since 1984, occupies 28 percent of the planted acreage. It is a stem, stripe, and leaf rust-resistant variety.

WARD remains in second place with 19 percent of the acreage; **WESTBRED LAKER** is third with 14 percent; **MONROE** is fourth with 8 percent followed closely with **MEDORA**, also on 8 percent of the acreage.

This report was made possible by funds provided by the *Montana Wheat & Barley Committee*. The survey was conducted by the Montana Agricultural Statistics Service.

Lyle H. Pratt
State Statistician

Raymond C. Stack
Agricultural Statistician

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1989 MONTANA WINTER WHEAT VARIETIES: SEEDED ACREAGE AND PERCENT OF TOTAL BY DISTRICTS - 1989 PRELIMINARY

VARIETY	N. WEST		N. CENTRAL		N. EAST		CENTRAL		S. WEST		S. CENTRAL		S. EAST		STATE	
	ACRES (000)	PCT	ACRES (000)	PCT	ACRES (000)	PCT	ACRES (000)	PCT	ACRES (000)	PCT	ACRES (000)	PCT	ACRES (000)	PCT	ACRES (000)	PCT
Neeley	--	--	260.7	19.6	19.7	8.6	232.0	49.4	12.1	31.8	66.1	26.3	4.5	2.8	595.1	23.8
Redwin	--	--	213.4	16.1	39.9	17.3	100.2	21.3	8.0	21.1	62.4	24.9	63.5	39.7	487.4	19.5
Rocky	--	--	260.7	19.6	6.1	2.7	28.6	6.1	--	--	2.4	1.0	8.2	5.1	306.0	12.2
Winalta	0.2	0.8	109.8	8.3	75.1	32.7	9.5	2.0	--	--	6.7	2.7	23.6	14.8	224.9	9.0
Norstar	0.3	1.3	146.2	11.0	22.9	10.0	22.7	4.8	--	--	0.3	0.1	1.0	0.6	193.4	7.7
Cree	--	--	68.7	5.2	--	--	9.3	2.0	--	--	3.4	1.4	--	--	81.4	3.3
Centurk	--	--	59.0	4.4	--	--	5.5	1.2	--	--	12.8	5.1	--	--	77.3	3.1
Tiber	--	--	35.6	2.7	--	--	3.2	0.7	0.5	1.3	6.3	2.5	2.3	1.4	47.9	1.9
Weston	--	--	--	--	--	--	2.1	0.4	0.6	1.6	40.9	16.3	--	--	43.6	1.7
Roughrider	--	--	--	--	35.1	15.3	0.1	0.0	--	--	--	--	6.0	3.8	41.2	1.6
Cheyenne	--	--	13.2	1.0	--	--	11.7	2.5	1.9	5.0	5.7	2.3	2.3	1.4	34.8	1.4
Hawk	0.6	2.5	5.0	0.4	1.8	0.8	13.1	2.8	--	--	10.9	4.3	--	--	31.4	1.3
Norwin	1.0	4.2	10.9	0.8	4.7	2.0	1.5	0.3	--	--	3.9	1.6	9.1	5.7	31.1	1.2
Agassiz	--	--	12.6	0.9	6.7	2.9	--	--	--	--	--	--	6.5	4.1	25.8	1.0
Warrior	--	--	5.6	0.4	0.9	0.4	--	--	--	--	3.9	1.6	11.8	7.4	22.2	0.9
Winridge	4.8	20.0	8.2	0.6	--	--	0.2	0.0	0.2	0.5	--	--	--	--	13.4	0.5
Stephens *W	6.4	26.7	0.9	0.1	--	--	0.8	0.2	5.1	13.4	--	--	--	--	13.2	0.5
Other & Unknown	10.7	44.6	116.5	8.8	17.1	7.4	29.5	6.3	9.6	25.3	25.3	10.1	21.2	13.3	229.9	9.2
ALL VARIETIES	24.0	100.0	1927.0	100.0	230.0	100.0	470.0	100.0	38.0	100.0	251.0	100.0	160.0	100.0	2500.0	100.0

*W - Soft White Wheat.

WINTER WHEAT: PERCENT OF TOTAL SEEDED ACREAGE 1983-1989 and SEEDED ACREAGE 1988-1989

VARIETY	PERCENT OF TOTAL SEEDED ACREAGE								SEEDED ACRES	
	1983	1984	1986	1987	1988	1989	1988 1/	1989 2/	1988 1/	1989 2/
Neeley	--	1.3	9.0	13.7	25.5	23.8	624.4	595.1	624.4	595.1
Redwin	24.2	34.6	25.9	21.5	19.6	19.5	481.4	487.4	481.4	487.4
Rocky	8.0	11.1	9.0	8.7	9.0	12.2	221.7	306.0	221.7	306.0
Winalta	14.3	13.4	13.8	11.2	9.8	9.0	240.4	224.9	240.4	224.9
Norstar	10.4	11.7	12.7	11.3	8.7	7.7	212.3	193.4	212.3	193.4
Cree	--	--	2.6	4.2	2.9	3.3	71.0	81.4	71.0	81.4
Centurk	8.9	6.6	7.2	6.1	3.8	3.1	93.0	77.3	93.0	77.3
Tiber	--	--	0.3	1.0	0.3	1.9	8.3	47.9	8.3	47.9
Weston	--	0.5	0.8	1.0	1.1	1.7	26.2	43.6	26.2	43.6
Roughrider	6.4	4.0	2.6	4.5	4.1	1.6	100.6	41.2	100.6	41.2
Cheyenne	8.3	5.1	2.4	3.4	1.7	1.4	40.6	34.8	40.6	34.8
Hawk	--	0.1	0.4	0.2	0.6	1.3	15.5	31.4	15.5	31.4
Norwin	--	--	--	0.8	2.2	1.2	53.0	31.1	53.0	31.1
Agassiz	--	--	0.1	1.0	1.1	1.0	26.2	25.8	26.2	25.8
Warrior	3.1	1.5	0.7	0.6	0.8	0.9	20.5	22.2	20.5	22.2
Winridge	--	0.9	0.9	0.4	0.9	0.5	11.6	13.4	11.6	13.4
Stephens *W	--	--	--	--	0.5	0.5	11.6	13.2	11.6	13.2
Sage	--	0.1	0.3	0.6	1.1	0.5	27.5	12.0	27.5	12.0
Other & Unknown	16.4	9.1	11.6	10.8	6.3	8.9	154.2	217.9	154.2	217.9
STATE TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	2450.0	2500.0	2450.0	2500.0

1/ Revised. 2/ Preliminary. *W - Soft White Wheat.

1989 MONTANA SPRING WHEAT VARIETIES: SEEDED ACREAGE AND PERCENT OF TOTAL BY DISTRICTS - 1989 PRELIMINARY

VARIETY	N. WEST		N. CENTRAL		N. EAST		CENTRAL		S. WEST		S. CENTRAL		S. EAST		STATE		
	ACRES (000)	PCT	ACRES (000)	PCT	ACRES (000)	PCT	ACRES (000)	PCT	ACRES (000)	PCT	ACRES (000)	PCT	ACRES (000)	PCT	ACRES (000)	PCT	
Newana	3.4	14.8	480.9	26.6	85.0	6.6	85.7	53.6	8.8	40.0	15.4	53.1	11.0	6.3	690.2	19.7	
Len	--	--	28.4	1.6	462.9	36.2	4.9	3.1	--	--	--	--	34.2	19.5	530.4	15.2	
Fortuna	0.6	2.6	392.4	21.7	94.4	7.4	15.1	9.4	1.0	4.5	1.8	6.2	5.2	3.0	510.5	14.6	
Lew	3.9	17.0	273.9	15.1	76.9	6.0	1.0	0.6	--	--	--	--	--	--	355.7	10.2	
Rambo	--	--	265.3	14.6	43.7	3.4	2.4	1.5	--	--	3.0	10.3	--	--	314.4	9.0	
Stoa	--	--	72.6	4.0	126.1	9.9	14.2	8.9	--	--	2.4	8.3	62.0	35.4	274.9	7.9	
Olaf	--	--	18.9	1.0	153.9	12.0	2.2	1.4	--	--	1.9	6.6	25.1	14.3	202.5	5.8	
Pondera	5.0	21.7	61.4	3.4	10.9	0.9	5.1	3.2	0.6	2.7	1.9	6.6	--	--	84.9	2.4	
Glenman	0.5	2.2	80.6	4.5	2.4	0.2	--	--	--	--	--	--	--	--	83.5	2.4	
Tioga	--	--	4.3	0.2	34.9	2.7	--	--	--	--	--	--	--	--	39.2	1.1	
Leader	--	--	3.5	0.2	35.0	2.7	--	--	--	--	--	--	--	--	38.5	1.1	
Success	1.9	8.3	3.7	0.2	24.0	1.9	--	--	0.4	1.8	--	--	--	--	30.0	0.9	
Alex	--	--	5.9	0.3	21.8	1.7	--	--	--	--	--	--	--	--	27.7	0.8	
Amidon (ND 606)	--	--	2.7	0.1	17.6	1.4	--	--	--	--	--	--	--	--	20.3	0.6	
Prodax	--	--	13.2	0.7	4.7	0.4	0.2	0.1	--	--	--	--	--	--	18.1	0.5	
Coteau	--	--	--	--	9.2	0.7	--	--	--	--	--	--	--	7.5	4.3	16.7	0.5
Cutlass	--	--	4.1	0.2	12.6	1.0	--	--	--	--	--	--	--	--	16.7	0.5	
Northrup King 751	--	--	9.5	0.5	4.7	0.4	0.6	0.4	--	--	0.9	3.1	0.3	0.2	16.0	0.5	
Butte	--	--	--	--	14.5	1.1	--	--	--	--	--	--	0.6	0.3	15.1	0.4	
Other and Unknown	7.7	33.5	89.7	5.0	44.8	3.5	28.6	17.9	11.2	50.9	3.6	12.4	29.1	16.6	214.7	6.1	
ALL VARIETIES	23.0	100.0	1811.0	100.0	1280.0	100.0	160.0	100.0	22.0	100.0	29.0	100.0	175.0	100.0	3500.0	100.0	

SPRING WHEAT: PERCENT OF TOTAL SEEDED ACREAGE 1983-1989 and SEEDED ACREAGE 1988-1989

VARIETY	PERCENT OF TOTAL SEEDED ACREAGE						SEEDED ACREAGE	
	1983	1984	1986	1987	1988	1989	1988 1/	1989 2/
Newana	19.8	21.8	22.9	21.0	16.2	19.7	324.2	690.2
Len	11.9	12.4	11.9	11.3	15.1	15.2	302.2	530.4
Fortuna	10.7	12.0	18.2	19.7	11.8	14.6	235.2	510.5
Lew	9.4	10.0	11.5	10.4	10.4	10.2	208.0	355.7
Rambo	--	--	--	0.4	6.6	9.0	205.1	314.4
Stoa	--	--	4.4	4.2	10.3	7.9	131.5	274.9
Olaf	11.3	9.5	5.7	5.7	5.9	5.8	118.8	202.5
Pondera	3.5	2.3	1.9	3.0	1.8	2.4	61.2	84.9
Glenman	--	--	0.3	1.7	1.1	2.4	48.6	83.5
Tioga	2.3	2.9	1.5	3.8	3.1	1.1	36.3	39.2
Leader	--	0.1	0.8	1.5	0.9	1.1	22.9	38.5
Success	--	--	--	1.4	2.4	0.9	21.9	30.0
Alex	0.6	0.4	0.7	1.3	0.8	0.8	18.6	27.7
Amidon (ND 606)	--	--	--	--	--	0.6	18.5	20.3
Prodax	5.5	6.6	1.6	0.8	0.7	0.5	16.6	18.1
Coteau	--	--	--	0.2	0.7	0.5	15.8	16.7
Cutlass	--	--	--	0.2	1.1	0.5	20.9	16.7
Northrup K. 751	3.7	1.5	3.3	1.8	0.9	0.5	18.6	16.0
Butte	2.7	4.0	2.5	1.9	0.8	0.4	15.0	15.1
Other & Unknown	18.6	16.5	12.8	9.7	9.4	6.1	160.1	214.7
STATE TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	2000.0	3500.0

1/ Revised. 2/ Preliminary

1989 MONTANA DURUM WHEAT VARIETIES: SEEDED ACREAGE AND PERCENT OF TOTAL BY DISTRICTS - 1989 PRELIMINARY

VARIETY	N. CENTRAL		N. EAST		OTHER DIST'S.		STATE	
	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.
Vic	--	--	95.7	35.1	--	--	95.7	28.1
Ward	1.9	3.0	62.0	22.7	1.0	--	64.9	19.1
Westbred Laker	33.7	53.1	15.1	5.5	0.2	5.7	49.0	14.4
Monroe	2.8	4.4	24.8	9.1	0.1	2.9	27.7	8.1
Medora	1.2	1.9	25.3	9.3	1.1	--	27.6	8.1
Crosby	--	--	21.9	8.0	--	--	21.9	6.4
Cando	11.4	18.0	10.7	3.9	--	--	22.1	6.5
Lloyd	5.3	8.3	10.2	3.7	--	--	15.5	4.6
Other and Unknown	7.2	11.3	7.3	2.7	1.1	31.4	15.6	4.6
STATE TOTAL	63.5	100.0	273.0	100.0	3.5	100.0	340.0	100.0

DURUM WHEAT: PERCENT OF TOTAL SEEDED ACREAGE 1983-1989 and SEEDED ACREAGE 1988-1989

VARIETY	PERCENT OF TOTAL SEEDED ACREAGE								SEEDED ACRES	
	1983	1984	1986	1987	1988	1989	1988 1/	1989 2/	1988 1/	1989 2/
Vic	25.3	36.9	29.6	52.1	29.7	28.1	83,200	95,700	83,200	95,700
Ward	33.1	22.0	19.5	12.3	17.0	19.1	47,500	64,900	47,500	64,900
Westbred Laker	--	--	0.3	3.0	4.0	14.4	11,300	49,000	11,300	49,000
Monroe	--	--	--	0.3	6.1	8.2	17,000	27,700	17,000	27,700
Medora	--	--	--	1.4	8.6	8.1	24,200	27,600	24,200	27,600
Cando	7.6	3.7	1.9	3.4	1.8	6.5	4,900	22,100	4,900	22,100
Crosby	2.6	9.8	8.3	9.9	14.7	6.4	41,300	21,900	41,300	21,900
Lloyd	--	2.1	16.6	4.1	6.6	4.6	18,600	15,500	18,600	15,500
Wells	2.2	3.7	3.5	1.2	2.8	3/	7,700	--	7,700	--
Rolette	8.9	10.7	1.6	3.6	2.6	3/	7,200	--	7,200	--
Other & Unknown	20.3	11.1	18.7	8.7	6.1	4.6	17,100	15,600	17,100	15,600
STATE TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	280,000	340,000	280,000	340,000

1/ Revised. 2/ Preliminary. 3/ Less than 1%.

WHEAT VARIETIES 1988

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STATISTICS SERVICE

U.S. Department of Agriculture
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P.O. Box 4369 - Helena, MT 59604

Released: August 5, 1988

NEELEY takes over as the top winter wheat variety with 623,700 acres planted. This is almost double its 1987 level, and covers 26 percent of Montana's winter wheat acreage. Neeley has moderate to good milling and baking qualities and has high yields but is lower in protein compared with other popular varieties.

REDWIN, which accounts for 20 percent of the 1988 winter wheat acreage, dropped to the second position after being the leading variety for several years. It covers 491,700 acres, virtually unchanged from last year. Redwin rates excellent in a number of characteristics including milling and baking quality and protein level.

WINALTA moved up to third place from fourth last year even though its acreage at 239,000 is down by almost 19,000. Winalta covers about 10 percent of this year's winter wheat acreage. It is a high quality milling and baking wheat with good winter hardiness.

ROCKY is fourth with 211,400 acres or nearly 9 percent of the winter wheat acres. NORSTAR follows with 202,000 acres.

NEWANA remains the most widely planted spring wheat variety despite a decrease of about one-third from last year. Newana continues to hold the top spot with 17 percent (336,100 acres) of this year's acreage. It is a good yielding semi-dwarf variety with satisfactory milling quality.

LEN moved into second position among spring wheat varieties with a small increase over last year to 288,000 acres or 14 percent of this year's acreage. Len is a semi-dwarf variety with excellent milling and baking qualities.

FORTUNA drops back to third this year. Its acreage fell to 245,300 which is only slightly more than one-half of last year's level. This accounts for 12 percent of the 1988 spring wheat acreage. Fortuna has good to excellent milling and baking qualities.

LEW retains its fourth position with 215,300 acres or 11 percent of this year's spring wheat acreage. STOA moved into fifth with 197,900 acres or 10 percent and RAMBO made a big jump to sixth with 137,900 acres or 7 percent.

VIC holds on as top durum variety despite dropping 18,300 acres from last year. Vic covers 83,200 acres or 30 percent of this year's acreage. It is resistant to stem rust and moderately resistant to stripe and leaf rust and leaf spot.

WARD acreage doubled to 47,800 and continues in second position with 17 percent of the 1988 durum acres. In the third spot, CROSBY saw its acreage more than double to 41,200 or 15 percent. MEDORA made a large increase to fourth with 24,200 acres this year.

This report was made possible by funds provided by the Montana Wheat & Barley Committee. The survey was conducted by the Montana Agricultural Statistics Service.

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MONTANA WINTER WHEAT VARIETIES: SEEDED ACRES AND PERCENT OF TOTAL BY DISTRICTS -- 1988

VARIETY	N. WEST		N. CENTRAL		N. EAST		CENTRAL		S. WEST		S. CENTRAL		S. EAST		STATE
	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	
Neeley	0.6	2.4	273.6	24.9	35.9	11.1	221.1	47.6	23.0	41.8	63.4	25.4	6.1	2.7	25.5
Redwin	1.1	4.4	194.6	17.7	27.2	8.4	83.8	18.0	6.8	12.4	117.8	47.1	60.4	26.2	20.1
Winalta	--	--	98.0	8.9	62.1	19.1	20.5	4.4	--	--	3.1	1.2	55.3	24.0	9.8
Rocky	--	--	177.4	16.1	9.7	3.0	20.3	4.4	--	--	1.8	0.7	2.2	1.0	8.6
Norstar	--	--	124.1	11.3	50.0	15.4	25.0	5.4	--	--	2.9	1.2	--	--	8.2
Roughrider	--	--	0.7	0.1	55.7	17.1	9.7	2.1	--	--	--	--	35.4	15.4	4.1
Centurk	--	--	54.2	4.9	6.3	1.9	12.8	2.8	5.4	9.8	12.1	4.8	2.2	1.0	3.8
Cree	--	--	39.4	3.6	5.1	1.6	12.2	2.6	2.2	4.0	3.5	1.4	8.1	3.5	2.9
Norwin	0.8	3.2	11.5	1.0	17.5	5.4	18.0	3.9	--	--	1.3	0.5	3.7	1.6	2.2
Cheyenne	--	--	21.8	2.0	0.7	0.2	3.7	0.8	--	--	3.8	1.5	11.0	4.8	1.7
Weston	--	--	--	--	--	--	3.0	0.6	--	--	26.0	10.4	--	--	1.2
Sage	--	--	--	--	23.4	7.2	--	--	--	--	--	--	3.0	1.3	1.1
Agassiz	--	--	5.9	0.5	17.0	5.2	--	--	--	--	--	--	2.8	1.2	1.0
Winridge	3.4	13.6	1.4	0.1	--	--	4.4	0.9	2.6	4.7	2.2	0.9	11.2	4.9	1.0
Warrior	--	--	4.4	0.4	--	--	--	--	--	--	7.9	3.2	9.9	4.3	0.9
Hawk	0.2	0.8	5.0	0.5	--	--	9.9	2.1	--	--	--	--	--	--	0.6
Other & Unknown	18.9	75.6	88.0	8.0	14.4	4.4	20.6	4.4	15.0	27.3	4.2	1.7	18.7	8.1	7.3
ALL VARIETIES	25.0	100.0	1100.0	100.0	325.0	100.0	465.0	100.0	55.0	100.0	250.0	100.0	230.0	100.0	2450.0

WINTER WHEAT: PERCENT OF TOTAL SEEDED ACRES 1982-88 & SEEDED ACRES 1987-88

VARIETY	PERCENT OF TOTAL SEEDED ACRES							SEEDED ACRES	
	1982	1983	1984	1986	1987	1988	1987 1/	1988 2/	
Neeley	--	--	1.3	9.0	13.7	25.5	315,000	623,700	
Redwin	8.3	24.2	34.6	25.9	21.5	20.1	493,700	491,700	
Winalta	22.2	14.3	13.4	13.8	11.2	9.8	257,800	239,000	
Rocky	8.0	8.0	11.1	9.0	8.7	8.6	200,400	211,400	
Norstar	11.8	10.4	11.7	12.7	11.3	8.2	259,900	202,000	
Roughrider	5.0	6.4	4.0	2.6	4.5	4.1	104,400	101,500	
Centurk	15.4	8.9	6.6	7.2	6.1	3.8	139,400	93,000	
Cree	--	--	--	2.6	4.2	2.9	97,000	70,500	
Norwin	--	--	--	--	0.8	2.2	18,900	52,800	
Cheyenne	15.6	8.3	5.1	2.4	3.4	1.7	77,500	41,000	
Weston	0.2	--	0.5	0.8	1.0	1.2	23,900	29,000	
Sage	--	--	0.1	0.3	0.6	1.1	14,000	26,400	
Agassiz	--	--	--	0.1	1.0	1.0	22,000	25,700	
Winridge	--	--	0.9	0.9	0.4	1.0	10,000	25,200	
Warrior	3.6	3.1	1.5	0.7	0.6	0.9	12,900	22,200	
Hawk	--	--	0.1	0.4	0.2	0.6	5,400	15,100	
Other & Unknown	9.9	16.4	9.1	11.6	10.8	7.3	247,800	179,800	
STATE TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	2,300,000	2,450,000	

1/ Revised. 2/ Preliminary.

MONTANA SPRING WHEAT VARIETIES: SEEDED ACREAGE and PERCENT OF TOTAL BY DISTRICTS -- 1988

VARIETY	N. WEST	N. CENTRAL	N. EAST	CENTRAL	S. WEST	S. CENTRAL	S. EAST	STATE
	Acres (000)	Acres (000)	Acres (000)	Acres (000)	Acres (000)	Acres (000)	Acres (000)	Acres (000)
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.
Newana	4.4	219.8	72.8	24.6	0.8	12.0	1.7	336.1
Len	0.3	1.0	251.8	6.3	0.7	2.9	34.9	288.0
Fortuna	--	180.7	51.6	6.3	0.7	2.9	3.1	245.3
Lew	--	130.6	81.8	2.6	--	0.3	--	215.3
Stoa	--	28.8	144.2	5.2	--	--	19.7	197.9
Rambo	--	107.0	30.2	0.7	--	--	--	137.9
Olaf	--	7.9	96.8	0.3	--	5.1	5.6	115.7
Tioga	--	9.4	51.3	--	--	--	--	60.7
Success	0.8	18.6	28.9	--	--	0.2	--	48.5
Pondera	--	16.6	10.9	5.5	0.8	3.1	--	36.9
Glenman	--	18.4	6.2	--	--	--	--	24.6
Cutlass	--	0.1	20.9	--	--	--	--	21.0
Leader	--	8.0	10.6	--	--	--	--	18.6
Northrup K. 751	--	1.1	10.3	1.7	--	4.3	1.1	18.5
Alex	--	6.2	9.0	--	--	1.7	--	16.9
Butte	--	--	13.5	--	--	--	1.5	15.0
Other & Unknown	5.5	69.8	79.2	13.1	12.7	10.4	12.4	203.1
ALL VARIETIES	11.0	824.0	970.0	60.0	15.0	40.0	80.0	2000.0

SPRING WHEAT: PERCENT OF TOTAL SEEDED ACREAGE 1982-88 & SEEDED ACREAGE 1987-88

VARIETY	PERCENT OF TOTAL SEEDED ACREAGE								SEEDED ACRES	
	1982	1983	1984	1986	1987	1988	1987 1/	1988 2/		
Newana	12.7	19.8	21.8	22.9	21.0	16.8	503,700	336,100		
Len	4.0	11.9	12.4	11.9	11.3	14.4	271,400	288,000		
Fortuna	11.9	10.7	12.0	18.2	19.7	12.3	472,400	245,300		
Lew	11.5	9.4	10.0	11.5	10.4	10.8	250,100	215,300		
Stoa	--	--	--	4.4	4.2	9.9	101,200	197,900		
Rambo	--	--	--	--	0.4	6.9	8,900	137,900		
Olaf	17.8	11.3	9.5	5.7	5.7	5.8	135,800	115,700		
Tioga	5.6	2.3	2.9	1.5	3.8	3.0	91,700	60,700		
Success	--	--	--	--	1.4	2.4	32,800	48,500		
Pondera	0.6	3.5	2.3	1.9	3.0	1.8	72,100	36,900		
Glenman	--	--	--	0.3	1.7	1.2	41,700	24,600		
Cutlass	--	--	--	--	0.2	1.1	5,100	21,000		
Leader	--	--	0.1	0.8	1.5	0.9	35,500	18,600		
Northrup K. 751	2.7	3.7	1.5	3.3	1.8	0.9	43,000	18,500		
Alex	--	0.6	0.4	0.7	1.3	0.8	32,100	16,900		
Butte	5.1	2.7	4.0	2.5	1.9	0.8	46,800	15,000		
Other & Unknown	28.1	24.1	23.1	14.4	10.7	10.2	255,700	203,100		
STATE TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	2,400,000	2,000,000		

1/ Revised. 2/ Preliminary.

MONTANA DURUM WHEAT VARIETIES: SEEDED ACREAGE & PERCENT OF TOTAL BY DISTRICTS - 1988

VARIETY	N. CENTRAL		N. EAST		OTHER DIST'S.		STATE	
	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.
Vic	1.3	4.4	81.9	33.3	--	--	83.2	29.7
Ward	3.9	13.0	43.9	17.8	--	--	47.8	17.1
Crosby	--	--	41.2	16.7	--	--	41.2	14.7
Medora	--	--	24.2	9.8	--	--	24.2	8.6
Lloyd	3.6	12.0	14.3	5.8	0.8	21.6	18.7	6.7
Monroe	4.6	15.3	12.7	5.2	--	--	17.3	6.2
Westbred Laker	9.8	32.7	1.8	0.7	0.1	2.7	11.7	4.2
Wells	--	--	7.5	3.1	--	--	7.5	2.7
Rolette	--	--	7.1	2.9	--	--	7.1	2.5
Cando	0.7	2.3	4.3	1.7	--	--	5.0	1.8
Mascana	3.3	11.0	1.5	0.6	--	--	4.8	1.7
Other & Unknown	2.8	9.3	5.9	2.4	2.8	75.7	11.5	4.1
STATE TOTAL	30.0	100.0	246.3	100.0	3.7	100.0	280.0	100.0

DURUM WHEAT: PERCENT OF TOTAL SEEDED ACREAGE 1982-88 & SEEDED ACREAGE 1987-88

VARIETY	PERCENT OF TOTAL SEEDED ACREAGE						SEEDED ACRES	
	1982	1983	1984	1986	1987	1988 1/	1987 1/	1988 2/
Vic	7.8	25.3	36.9	29.6	52.1	29.7	101,500	83,200
Ward	40.9	33.1	22.0	19.5	12.3	17.1	23,900	47,800
Crosby	9.3	2.6	9.8	8.3	9.9	14.7	19,400	41,200
Medora	--	--	--	--	1.4	8.6	2,800	24,200
Lloyd	--	--	2.1	16.6	4.1	6.7	8,000	18,700
Monroe	--	--	--	--	0.3	6.2	600	17,300
Westbred Laker	--	--	--	0.3	3.0	4.2	5,900	11,700
Wells	3.5	2.2	3.7	3.5	1.2	2.7	2,300	7,500
Rolette	9.7	8.9	10.7	1.6	3.6	2.5	7,100	7,100
Cando	9.2	7.6	3.7	1.9	3.4	1.8	6,600	5,000
Mascana	1.0	--	--	0.4	--	1.7	--	4,800
Other & Unknown	18.6	20.3	11.1	18.3	8.7	4.1	16,900	11,500
STATE TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	195,000	280,000

1/ Revised. 2/ Preliminary.

WHEAT VARIETIES 1987

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MONTANA
AGRICULTURAL
STATISTICS SERVICE

U.S. Department of Agriculture
Montana Department of Agriculture
PO Box 4389 - Helena, MT 59604

Released: August 4, 1987

REDWIN REMAINS TOP WINTER WHEAT VARIETY: For the fifth year Redwin continues to be the most prominent variety of winter wheat grown in Montana. It was seeded on 457,200 acres or 21.8 percent of the state's 1987 winter wheat acreage. This is down nearly 100,000 acres from last year, but remains by a wide margin ahead of the second most popular variety. Redwin is grown for its winter hardiness and excellent protein level. It also has excellent milling and baking qualities.

NEELEY became the second most popular winter wheat variety this year, moving up from a fourth place tie last year. It was seeded on 294,100 acres or 14 percent of the winter wheat acreage. Neeley has moderate milling and excellent baking qualities. Its winter hardiness is good.

NORSTAR remains in third place this planting season. Producers planted 237,100 acres which is 11.3 percent of the 1987 winter wheat acreage. This variety is of medium height and straw strength and has very good winter hardiness.

WINALTA fell from second to fourth position with producers planting 223,500 acres or 10.6 percent of the total winter wheat acreage. Winalta is a high quality milling and baking wheat with moderate winter hardiness. The top four varieties accounted for 57.7 percent of the acreage this year compared with 61.3 percent for the same varieties last season.

NEWANA REMAINS THE NUMBER ONE SPRING WHEAT VARIETY: Newana moved into first place in 1983. This year it is once again the most popular spring wheat grown in Montana. It was planted on 520,000 acres or 21.7 percent of the spring wheat acreage. Newana is a bearded semi-dwarf variety, resistant to loose smut and stripe and stem rust, but is susceptible to leaf rust.

FORTUNA maintained its second position, but is less than two points behind Newana in popularity. Producers seeded 476,600 acres or 19.9 percent of the spring wheat acreage. It is a relatively high yielding variety with satisfactory milling traits. Fortuna is a solid-stemmed variety and resistant to the wheat stem fly.

LEN again holds the third position with 264,500 acres or 11 percent of the state's total spring wheat acreage. Len is resistant to lodging and leaf and stem rust under normal Montana conditions. **LEW** once again follows Len with 247,400 acres or 10.3 percent of Montana's spring wheat acreage. The top four varieties represent 62.9 percent of the acreage seeded in 1987 compared with 64.5 percent for the same varieties in 1986.

VIC REMAINS TOP DURUM VARIETY: Vic continues to be the most popular durum variety grown in Montana with 112,200 acres or 53.4 percent of the total planted acreage. This is up nearly 24 points from 1986. Vic is of medium height with good disease resistance to stem rust and root rot. It also shows moderate resistance to leaf rust and blackpoint.

WARD remains in second with 25,800 acres or 12.3 percent of Montana's total durum acreage. **CROSBY** moved into third position this season from fourth last year. Growers planted 21,500 acres, up nearly 57 percent from last year's acres. **LLOYD**, seeded on 8,600 acres, dropped to fourth position compared with 27,400 acres seeded last year. The top four varieties represent 80 percent of the acreage seeded in 1987 compared with 74 percent for the same varieties in 1986.

This report was made possible by funds provided by the Montana Wheat & Barley Committee. The survey was conducted by the Montana Agricultural Statistics Service.

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MONTANA WINTER WHEAT VARIETIES: SEEDED ACREAGE and PERCENT OF TOTAL BY DISTRICTS --1987

VARIETY	N. WEST		N. CENTRAL		N. EAST		CENTRAL		S. WEST		S. CENTRAL		S. EAST		STATE	
	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.
Redwin	0.2	1.1	218.4	22.3	24.0	10.0	80.2	19.8	18.5	31.6	79.5	33.4	36.4	23.5	457.2	21.8
Neeley	--	--	110.0	11.2	4.2	1.7	123.7	30.6	7.1	12.1	47.6	20.0	1.5	1.0	294.1	14.0
Norstar	--	--	140.7	14.4	60.5	25.2	30.0	7.4	--	--	0.6	0.3	5.3	3.4	237.1	11.3
Winalta	2.8	11.9	103.0	10.5	49.8	20.8	8.4	2.1	0.7	1.1	18.2	7.6	40.6	26.2	223.5	10.6
Rocky	--	--	164.4	16.8	12.3	5.1	9.9	2.4	2.6	4.5	5.6	2.3	3.0	1.9	197.8	9.4
Centurk	--	--	98.9	10.1	--	--	17.6	4.3	2.9	5.0	18.6	7.8	--	--	138.0	6.6
Cree	--	--	44.2	4.5	1.2	0.5	28.5	7.0	4.5	7.6	4.4	1.8	7.7	4.9	90.5	4.3
Roughrider	--	--	--	--	50.0	20.8	1.0	0.3	0.9	1.6	--	--	25.2	16.2	77.1	3.7
Cheyenne	--	--	11.5	1.2	1.1	0.5	19.0	4.7	--	--	17.9	7.5	16.1	10.4	65.6	3.1
Weston	--	--	--	--	--	--	6.0	1.5	0.7	1.3	13.6	5.7	0.9	0.6	21.2	1.0
Agassiz	--	--	5.7	0.6	10.3	4.3	--	--	--	--	--	--	1.9	1.2	17.9	0.9
Norwin	--	--	8.0	0.8	1.8	0.7	7.3	1.8	0.1	0.1	--	--	0.5	0.3	17.7	0.8
Citation	--	--	14.1	1.4	--	--	0.4	0.1	--	--	0.2	0.1	--	--	14.7	0.7
SR 5221	--	--	6.6	0.7	--	--	5.1	1.3	--	--	--	--	--	--	11.7	0.6
Sage	--	--	--	--	9.5	4.0	--	--	--	--	--	--	0.9	0.6	10.4	0.5
Winridge	1.0	4.1	1.3	0.1	2.2	0.9	1.3	0.3	2.9	4.9	1.0	0.4	--	--	9.7	0.5
Other & Unknown	19.4	82.9	53.2	5.4	13.1	5.5	66.6	16.4	17.7	30.2	30.8	13.1	15.0	9.8	215.8	10.2
STATE TOTAL	23.4	100.0	980.0	100.0	1240.0	100.0	1405.0	100.0	58.6	100.0	1238.0	100.0	155.0	100.0	12,100.0	100.0

WINTER WHEAT: PERCENT OF TOTAL SEEDED ACREAGE 1982-1987 and SEEDED ACREAGE 1986-1987

VARIETY	PERCENT OF TOTAL SEEDED ACREAGE						SEEDED ACRES	
	1982	1983	1984	1986	1987	1988	1986 1/	1987 2/
Redwin	8.3	24.2	34.6	25.9	21.8	556,000	457,200	
Neeley	--	--	1.3	9.0	14.0	193,300	294,100	
Norstar	11.8	10.4	11.7	12.7	11.3	273,000	237,100	
Winalta	22.2	14.3	13.4	13.8	10.6	296,300	223,500	
Rocky	8.0	8.0	11.1	9.0	9.4	193,300	197,800	
Centurk	15.4	8.9	6.6	7.2	6.6	154,000	138,000	
Cree	--	--	--	2.6	4.3	56,300	90,500	
Roughrider	5.0	6.4	4.0	2.6	3.7	56,600	77,100	
Cheyenne	15.6	8.3	5.1	2.4	3.1	51,300	65,600	
Weston	0.2	--	0.5	0.8	1.0	17,000	21,200	
Agassiz	--	--	--	0.1	0.9	2,300	17,900	
Norwin	--	--	--	--	0.8	300	17,700	
Citation	--	0.9	2.4	0.5	0.7	9,900	14,700	
SR 5221	--	--	--	0.5	0.6	11,200	11,700	
Sage	--	--	0.1	0.3	0.5	6,000	10,400	
Winridge	--	--	0.9	0.9	0.5	18,400	9,700	
Other & Unknown	13.5	18.6	8.3	11.7	10.2	254,800	215,800	
STATE TOTAL	100.0	100.0	100.0	100.0	100.0	2,150,000	2,100,000	

1/ Revised. 2/ Preliminary.

MONTANA SPRING WHEAT VARIETIES: SEEDED ACREAGE and PERCENT OF TOTAL BY DISTRICTS --- 1987

VARIETY	N. WEST		N. CENTRAL		N. EAST		CENTRAL		S. WEST		S. CENTRAL		S. EAST		STATE	
	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.
Newana	3.7	29.8	266.3	26.3	147.0	14.0	74.0	51.8	5.3	20.3	12.4	39.5	11.3	9.1	520.0	21.7
Fortuna	--	--	338.2	33.4	109.5	10.4	22.4	15.7	--	--	0.5	1.5	6.0	4.8	476.6	19.9
Len	--	--	6.1	0.6	228.9	21.8	--	--	--	--	--	--	29.5	23.8	264.5	11.0
Lew	3.6	29.1	166.0	16.4	74.1	7.1	2.6	1.8	--	--	1.0	3.2	0.1	0.1	247.4	10.3
Olaf	--	--	21.5	2.1	94.7	9.0	5.0	3.5	--	--	--	--	14.1	11.3	135.3	5.6
Stoa	--	--	6.0	0.6	60.9	5.8	--	--	--	--	0.2	0.7	32.3	26.0	99.4	4.1
Tioga	--	--	6.2	0.6	82.9	7.9	--	--	--	--	--	--	--	--	89.1	3.7
Pondera	--	--	25.8	2.6	25.7	2.5	13.7	9.6	5.4	20.8	1.4	4.6	1.3	1.0	73.3	3.1
Butte	--	--	--	--	36.3	3.5	--	--	--	--	--	--	9.0	7.3	45.3	1.9
Glenman	--	--	40.2	4.0	1.0	0.1	--	--	--	--	--	--	--	--	41.2	1.7
Northrup K. 751	--	--	20.3	2.0	14.3	1.4	--	--	0.1	0.4	4.4	13.8	1.6	1.3	40.7	1.7
Leader	--	--	22.2	2.2	12.8	1.2	--	--	--	--	--	--	--	--	35.0	1.5
Success	--	--	3.9	0.4	26.6	2.5	--	--	0.5	1.9	--	--	1.2	1.0	32.2	1.3
Alex	--	--	1.5	0.1	25.2	2.4	--	--	--	--	--	--	4.6	3.7	31.3	1.3
Solar	--	--	25.2	2.5	6.1	0.6	--	--	--	--	--	--	--	--	31.3	1.3
Prodax	--	--	6.3	0.6	9.3	0.9	3.9	2.7	--	--	0.1	0.2	--	--	19.6	0.8
Other & Unknown	5.2	41.1	57.3	5.6	94.7	9.0	21.4	14.9	14.7	56.6	11.5	36.5	13.0	10.6	217.8	9.1
STATE TOTAL	12.5	100.0	11,013.0	100.0	11,050.0	100.0	1143.0	100.0	26.0	100.0	31.5	100.0	1124.0	100.0	12,400.0	100.0

SPRING WHEAT: PERCENT OF TOTAL SEEDED ACREAGE 1982-1987 and SEEDED ACREAGE 1986-1987

VARIETY	PERCENT OF TOTAL SEEDED ACREAGE						SEEDED ACRES		
	1982	1983	1984	1986	1987	1987 1/	1986 1/	1987 2/	1987 2/
Newana	12.7	19.8	21.8	22.9	21.7	618,300	618,300	520,000	520,000
Fortuna	11.9	10.7	12.0	18.2	19.9	491,400	491,400	476,600	476,600
Len	4.0	11.9	12.4	11.9	11.0	321,300	321,300	264,500	264,500
Lew	11.5	9.4	10.0	11.5	10.3	310,500	310,500	247,400	247,400
Olaf	17.8	11.3	9.5	5.7	5.6	153,900	153,900	135,300	135,300
Stoa	--	--	--	4.4	4.1	118,800	118,800	99,400	99,400
Tioga	5.6	2.3	2.9	1.5	3.7	40,500	40,500	89,100	89,100
Pondera	0.6	3.5	2.3	1.9	3.1	51,300	51,300	73,300	73,300
Butte	5.1	2.7	4.0	2.5	1.9	67,500	67,500	45,300	45,300
Glenman	--	--	--	0.3	1.7	8,100	8,100	41,200	41,200
Northrup K. 751	2.7	3.7	1.5	3.3	1.7	89,100	89,100	40,700	40,700
Leader	--	--	0.1	0.8	1.5	21,600	21,600	35,000	35,000
Success	--	--	--	--	1.3	400	400	32,200	32,200
Alex	--	0.6	0.4	0.7	1.3	18,900	18,900	31,300	31,300
Solar	7.7	5.6	3.7	2.8	1.3	75,600	75,600	31,300	31,300
Prodax	7.6	5.5	6.6	1.6	0.8	43,200	43,200	19,600	19,600
Other & Unknown	12.8	13.0	12.8	10.0	9.1	269,600	269,600	217,800	217,800
STATE TOTAL	100.0	100.0	100.0	100.0	100.0	2,700,000	2,700,000	2,400,000	2,400,000

1/ Revised. 2/ Preliminary.

MONTANA DURUM WHEAT VARIETIES: SEEDED ACREAGE & PERCENT OF TOTAL BY DISTRICTS - 1987

VARIETY	N. CENTRAL		N. EAST		OTHER-DIST'S.		STATE	
	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.	Acres (000)	Pct.
Vic	1.3	6.1	110.9	59.6	---	---	112.2	53.4
Ward	2.2	10.3	23.6	12.7	---	---	25.8	12.3
Crosby	---	---	21.5	11.6	---	---	21.5	10.2
Lloyd	0.9	4.2	7.7	4.1	---	---	8.6	4.1
Rolette	1.8	8.4	5.6	3.0	---	---	7.4	3.5
Cando	2.8	13.1	3.6	1.9	---	---	6.4	3.0
Westbred Laker	3.7	17.3	1.7	0.9	---	---	5.4	2.6
Medora	---	---	3.1	1.7	---	---	3.1	1.5
Wells	0.1	0.5	2.4	1.3	---	---	2.5	1.2
Westbred 803	2.1	9.8	---	---	---	---	2.1	1.0
Welch	1.0	4.5	---	---	---	---	1.0	0.5
Other & Unknown	5.5	25.8	5.9	3.2	2.6	100.0	14.0	6.7
STATE TOTAL	21.4	100.0	186.0	100.0	2.6	100.0	210.0	100.0

DURUM WHEAT: PERCENT OF TOTAL SEEDED ACREAGE 1982-1987 & SEEDED ACREAGE 1986-1987

VARIETY	PERCENT OF TOTAL SEEDED ACREAGE					SEEDED ACRES	
	1982	1983	1984	1986	1987	1986 1/ 1987 2/	1987 2/
Vic	7.8	25.3	36.9	29.6	53.4	48,800	112,200
Ward	40.9	33.1	22.0	19.5	12.3	32,200	25,800
Crosby	9.3	2.6	9.8	8.3	10.2	13,700	21,500
Lloyd	---	---	2.1	16.6	4.1	27,400	8,600
Rolette	9.7	8.9	10.7	1.6	3.5	2,600	7,400
Cando	9.2	7.6	3.7	1.9	3.0	3,100	6,400
Westbred Laker	---	---	---	0.3	2.6	500	5,400
Medora	---	---	---	---	1.5	---	3,100
Wells	3.5	2.2	3.7	3.5	1.2	5,800	2,500
Westbred 803	---	---	---	---	1.0	---	2,100
Welch	---	---	---	---	0.5	---	1,000
Other & Unknown	19.6	20.3	11.1	18.7	6.7	30,900	14,000
STATE TOTAL	100.0	100.0	100.0	100.0	100.0	165,000	210,000

1/ Revised. 2/ Preliminary.

WHEAT VARIETIES 1986



MONTANA
AGRICULTURAL
STATISTICS SERVICE

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Montana Department of Agriculture
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REDWIN REMAINS TOP WINTER WHEAT VARIETY: Redwin continued to be the most popular variety of winter wheat in Montana. It was seeded on 556,000 acres or 25.9 percent of the state's 1986 winter wheat acreage. The acreage planted to this variety dropped from 1984, the last time a variety survey was done, but it still surpassed the second most popular variety by a wide margin. Redwin is noted for its winter hardiness and excellent protein level. Milling and baking qualities are also excellent.

WINALTA retained its second position which it has held since 1983 when it fell from first and yielded to the growing popularity of Redwin. Winalta was planted on 296,300 acres or 13.8 percent of Montana's winter wheat acreage. It is a high quality milling and baking wheat with moderate winter hardiness.

NORSTAR is again in third place where it has been since 1983. Producers planted it on 273,000 acres or 12.7 percent of the state's winter wheat acreage. This variety is of medium height and straw strength and has very good winter hardiness.

ROCKY and **NEELY** are tied for fourth place with each having 193,300 acres or 9 percent of the total.

NEWANA MAINTAINS THE NUMBER ONE SPRING WHEAT SPOT: In 1983 Newana moved into first position and has since held that popularity. It was planted on 651,800 acres or 22.9 percent of Montana's spring wheat acreage. Newana is a bearded semi-dwarf variety, resistant to loose smut and stripe and stem rust, but is susceptible to leaf rust.

FORTUNA moved into second place this year from 1984, with over double the acreage, occupying 518,700 acres or 18.2 percent of the spring wheat planted. It is a relatively high yielding variety with satisfactory milling properties. Fortuna is a solid-stemmed variety, resistant to the wheat stem sawfly.

LEN dropped to third position this year with 340,100 acres or 11.9 percent of the state's total spring wheat acreage. Len is resistant to lodging, and leaf and stem rust under normal Montana conditions. **LEW** held its own at fourth in popularity with 327,100 acres.

VIC REMAINS TOP DURUM VARIETY: Vic still remains the most popular durum variety grown in Montana with 44,400 acres or 29.6 percent of the total planted acreage. Vic is of medium height with good disease resistance to stem rust and root rot. It also shows moderate resistance to leaf rust and blackpoint.

WARD remains in second position. This year producers planted 29,200 acres or 19.5 percent of all durum wheat to Ward. **LLOYD** showed a great increase in popularity this year moving from ninth position in 1984 to third in 1986 with 24,900 acres. **CROSBY** maintains its fourth position seeded on 12,400 acres.

The tables in this report give varietal breakdowns of wheat by classes, with comparisons. Acreages shown are estimates of seeded acreage.

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MONTANA WINTER WHEAT VARIETIES: SEEDED ACREAGE and PERCENT OF TOTAL BY DISTRICTS -- 1986

VARIETIES	N. WEST		N. CENTRAL		N. EAST		CENTRAL		S. WEST		S. CENTRAL		S. EAST		STATE	
	ACRES (000)	PCT.	ACRES (000)	PCT.	ACRES (000)	PCT.	ACRES (000)	PCT.	ACRES (000)	PCT.	ACRES (000)	PCT.	ACRES (000)	PCT.	ACRES (000)	PCT.
Redwin	--	--	210.7	21.1	21.4	8.6	106.9	27.1	11.0	31.5	144.8	57.9	61.2	29.4	556.0	25.9
Winalta	--	--	112.1	11.2	85.9	34.3	34.4	8.7	4.4	12.6	6.4	2.5	53.2	25.6	296.3	13.8
Norstar	--	--	178.5	17.9	63.1	25.3	26.6	6.7	--	--	--	--	4.7	2.3	273.0	12.7
Rocky	0.2	1.3	135.6	13.6	4.8	1.9	31.6	8.0	0.7	2.0	15.4	6.2	4.9	2.4	193.3	9.0
Neeley	--	--	119.7	12.0	6.7	2.7	53.2	13.5	3.5	9.9	10.2	4.1	--	--	193.3	9.0
Centurk	--	--	108.6	10.9	5.4	2.2	13.3	3.4	--	--	15.0	6.0	--	--	154.0	7.2
Roughrider	--	--	--	--	36.7	14.7	2.4	0.6	--	--	--	--	11.7	5.6	56.6	2.6
Cree	--	--	20.7	2.1	3.2	1.3	17.2	4.3	1.0	2.9	--	--	17.5	8.4	56.3	2.6
Cheyenne	--	--	23.4	2.3	--	--	19.4	4.9	0.1	0.3	6.6	2.6	1.8	0.9	51.3	2.4
Winridge	2.9	19.1	1.3	0.1	--	--	1.0	0.2	4.7	13.4	--	--	8.5	4.1	18.4	0.9
Weston	--	--	--	--	--	--	--	--	--	--	17.0	6.8	--	--	17.0	0.8
Archer	--	--	11.2	1.1	--	--	4.0	1.0	--	--	--	--	--	--	15.2	0.7
Warrior	--	--	13.0	1.3	--	--	--	--	--	--	1.2	0.5	--	--	14.2	0.7
Other & Unknown	11.9	79.6	62.2	6.4	22.8	9.0	85.0	21.6	9.6	27.4	33.4	13.4	30.3	14.5	255.1	11.7
STATE TOTAL	15.0	100.0	997.0	100.0	250.0	100.0	395.0	100.0	35.0	100.0	250.0	100.0	208.0	100.0	2,150.0	100.0

WINTER WHEAT: PERCENT OF TOTAL SEEDED ACREAGE 1980-1986

VARIETIES	PERCENT OF TOTAL SEEDED ACREAGE						SEEDED ACRES	
	1980	1981	1982	1983	1984	1986	1984 1/	1986 2/
Redwin	--	--	8.3	24.2	34.6	25.9	933,500	556,000
Winalta	26.3	18.7	22.2	14.3	13.4	13.8	361,000	296,300
Norstar	2.3	15.4	11.8	10.4	11.7	12.7	314,900	273,000
Rocky	--	1.8	8.0	8.0	11.1	9.0	298,800	193,300
Neeley	--	--	--	--	1.3	9.0	35,600	193,300
Centurk	24.7	24.6	15.4	8.9	6.6	7.2	177,600	154,000
Roughrider	4.1	5.5	5.0	6.4	4.0	2.6	107,700	56,600
Cree	--	--	--	--	--	2.6	--	56,300
Cheyenne	25.2	16.9	15.6	8.3	5.1	2.4	137,100	51,300
Winridge	--	--	--	--	0.9	0.9	24,000	18,400
Weston	--	--	0.2	--	0.5	0.8	13,200	17,000
Archer	--	--	--	--	0.5	0.7	12,900	15,200
Warrior	5.8	3.5	3.6	3.1	1.5	0.7	41,600	14,200
Other & Unknown	11.6	13.6	9.9	16.4	8.8	11.7	242,100	255,100
STATE TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	2,700,000	2,150,000

1/ Revised. 2/ Preliminary.

MONTANA SPRING WHEAT VARIETIES: SEEDED ACREAGE and PERCENT OF TOTAL BY DISTRICTS -- 1986

VARIETIES	N. WEST		N. CENTRAL		N. EAST		CENTRAL		S. WEST		S. CENTRAL		S. EAST		STATE	
	ACRES (000)	PCT.	ACRES (000)	PCT.	ACRES (000)	PCT.	ACRES (000)	PCT.	ACRES (000)	PCT.	ACRES (000)	PCT.	ACRES (000)	PCT.	ACRES (000)	PCT.
Newana	2.3	37.7	324.2	26.9	189.1	15.4	93.0	51.7	6.3	20.9	15.4	30.7	21.7	14.5	651.8	22.9
Fortuna	--	--	377.9	31.4	107.2	8.7	21.1	11.7	2.1	6.9	9.9	19.7	0.5	0.3	518.7	18.2
Len	--	--	7.9	0.7	291.6	23.7	--	--	--	--	0.5	1.0	40.0	26.8	340.1	11.9
Lew	--	--	234.2	19.4	73.5	6.0	1.8	1.0	--	--	4.7	9.3	13.0	8.7	327.1	11.5
Olaf	--	--	18.6	1.5	99.5	8.1	20.0	11.1	--	--	--	--	23.8	16.0	162.0	5.7
Northrup King	--	--	18.4	1.5	52.3	4.3	--	--	--	--	13.1	26.3	9.5	6.4	93.4	3.3
Solar	--	--	49.4	4.1	30.5	2.5	1.2	0.7	--	--	--	--	--	--	81.1	2.8
Butte	--	--	1.8	0.2	63.8	5.2	--	--	--	--	--	--	6.8	4.6	72.5	2.5
Pondera	--	--	8.2	0.7	37.7	3.1	4.7	2.6	2.4	8.0	--	--	0.3	0.2	53.1	1.9
Prodax	--	--	17.4	1.4	20.3	1.7	--	--	--	--	2.9	5.8	5.7	3.8	46.3	1.6
Tloga	--	--	--	--	41.9	3.4	--	--	--	--	--	--	--	--	41.9	1.5
Red River	--	--	--	--	34.3	2.8	--	--	--	--	--	--	5.8	3.9	40.1	1.4
Oslo	--	--	--	--	38.6	3.1	--	--	--	--	--	--	--	--	38.6	1.4
Other & Unknown	3.7	62.3	147.0	12.2	149.7	12.0	38.2	21.2	19.2	64.2	3.5	7.2	21.9	14.8	383.3	13.4
STATE TOTAL	6.0	100.0	1,205.0	100.0	1,230.0	100.0	180.0	100.0	30.0	100.0	50.0	100.0	149.0	100.0	2,850.0	100.0

SPRING WHEAT: PERCENT OF TOTAL SEEDED ACREAGE 1980-1986

VARIETIES	PERCENT OF TOTAL SEEDED ACREAGE							SEEDED ACRES	
	1980	1981	1982	1983	1984	1986	1984 1/	1986 2/	
Newana	7.6	12.7	12.7	19.8	21.8	22.9	457,800	651,800	
Fortuna	22.6	12.0	11.9	10.7	12.0	18.2	252,000	518,700	
Len	--	--	4.0	11.9	12.4	11.9	260,400	340,100	
Lew	10.1	11.1	11.5	9.4	10.0	11.5	210,000	327,100	
Olaf	17.1	15.2	17.8	11.3	9.5	5.7	199,500	162,000	
Northrup King	--	--	2.7	3.7	1.5	3.3	31,500	93,400	
Solar	--	6.8	7.7	5.6	3.7	2.8	77,700	81,100	
Butte	3.4	4.2	5.1	2.7	4.0	2.5	84,000	72,500	
Pondera	--	0.2	0.6	3.5	2.3	1.9	48,300	53,100	
Prodax	10.7	12.7	7.6	5.5	6.6	1.6	138,600	46,300	
Tloga	6.2	5.6	5.6	2.3	2.9	1.5	60,900	41,900	
Red River	1.5	1.3	0.2	1.0	0.2	1.4	4,200	40,100	
Oslo	--	--	--	0.4	0.8	1.4	16,800	38,600	
Other & Unknown	20.8	18.2	12.6	12.2	12.3	13.4	258,300	383,300	
STATE TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	2,100,000	2,850,000	

1/ Revised. 2/ Preliminary.

MONTANA DURUM WHEAT VARIETIES: SEEDED
ACREAGE and PERCENT OF TOTAL BY DISTRICTS -- 1986

VARIETIES	N. CENTRAL		N. EAST		OTHER DISTS.		STATE	
	ACRES (000)	PCT.	ACRES (000)	PCT.	ACRES (000)	PCT.	ACRES (000)	PCT.
Vic	0.8	6.6	43.6	32.3	--	--	44.4	29.6
Ward	--	--	29.2	21.7	--	--	29.2	19.5
Lloyd	0.3	2.1	24.7	18.3	--	--	24.9	16.6
Crosby	--	--	12.4	9.2	--	--	12.4	8.3
Wakooma	1.5	12.3	7.1	5.3	--	--	8.7	5.8
Wells	--	--	5.3	3.9	--	--	5.3	3.5
Cando	--	--	2.8	2.1	--	--	2.8	1.9
Rolette	2.3	18.6	--	--	--	--	2.3	1.6
Other & Unknown	7.8	60.4	9.9	7.2	2.3	100.0	20.0	13.2
STATE TOTAL	12.7	100.0	135.0	100.0	2.3	100.0	150.0	100.0

DURUM WHEAT: PERCENT OF TOTAL SEEDED ACREAGE 1980-1986

VARIETIES	PERCENT OF TOTAL SEEDED ACREAGE						SEEDED ACRES	
	1980	1981	1982	1983	1984	1986	1984 1/	1986 2/
Vic	--	1.3	7.8	25.3	36.9	29.6	79,300	44,400
Ward	36.5	28.9	40.9	33.1	22.0	19.5	47,300	29,200
Lloyd	--	--	--	--	2.1	16.6	4,300	24,900
Crosby	13.5	8.1	9.3	2.6	9.8	8.3	21,100	12,400
Wakooma	--	--	2.3	--	--	5.8	--	8,700
Wells	12.2	5.9	3.5	2.2	3.7	3.5	8,000	5,300
Cando	17.5	18.8	9.2	7.6	3.7	1.9	8,000	2,800
Rolette	14.2	8.3	9.7	8.9	10.7	1.6	23,000	2,300
Other & Unknown	6.1	28.7	17.3	20.3	11.1	13.2	24,000	20,000
STATE TOTAL	100.0	100.0	100.0	100.0	100.0	100.0	215,000	150,000

1/ Revised. 2/ Preliminary.