

Table 1. Performance of 20 spring wheat cultivars tested under irrigated conditions near Conrad, MT 2019 (Exp. 9919).

Entry #	Cultivar	Grain Yield	Test Weight	Plant Height	Protein	Lodging
		Bu/acre	Lb/bu	Inches	%	%
1	Fortuna	90.2	63.7	<u>41.7</u>	14.0	8.3
2	Reeder	93.4	62.4	37.7	14.7	13.3
3	Choteau	99.8	62.2	35.0	14.5	6.7
4	Vida	106.7	61.2	35.0	13.6	10.7
5	Duclair	102.2	62.0	34.3	14.2	6.7
6	Corbin	83.9	62.7	33.7	13.9	8.3
7	WB9879CLP	106.2	62.7	34.3	14.5	11.3
8	WB Gunnison	93.4	62.1	32.7	13.1	5.0
9	Brennan	90.5	<u>63.8</u>	33.0	14.5	11.7
10	SY Soren	100.7	63.5	32.7	14.4	11.7
11	Egan	92.9	62.6	36.3	<u>15.2</u>	16.7
12	Lanning	100.3	62.8	37.3	14.1	<u>18.3</u>
13	NS Presser CLP	90.9	60.4	34.7	14.3	13.3
14	SY Ingmar	85.0	63.7	32.7	14.9	8.3
15	LCS Pro	92.2	63.5	38.7	14.6	13.3
16	Alum	95.3	62.2	37.3	13.9	11.7
17	MT1621	106.7	63.0	36.3	14.6	11.7
18	MT 1673	104.7	62.2	34.7	15.0	13.3
19	MT 1716	105.3	63.0	35.7	14.2	13.3
20	MT 1767	<u>111.0</u>	60.9	36.0	14.8	13.3
Average		97.6	62.5	35.5	14.3	11.4
LSD(0.05)		NS	1.5	2.8	0.6	6.3
C.V.(%)		11.1	1.5	4.8	2.6	33.3

Underscore = indicates greatest value within a column

Bold = indicates varieties within values equal to greatest variety within a column based on Fisher's Protected LSD at p=0.05.

Table 2. Performance of 20 spring wheat cultivars tested under dryland, no-till conditions near Loma, MT 2019 (Exp. 9957).

Entry #	Cultivar	Grain Yield Bu/acre	Test Weight Lb/bu	Plant Height Inches	Protein %	Sawfly Cutting %	Falling Number
1	Fortuna	31.8	53.7	<u>39.7</u>	16.3	6.7	427
2	Reeder	25.7	51.5	32.7	16.5	<u>16.7</u>	392
3	Choteau	48.5	54.7	29.6	15.7	1.0	428
4	Vida	48.8	55.8	32.9	15.7	4.0	405
5	Duclair	47.8	55.4	31.6	15.7	2.3	385
6	Corbin	46.8	55.9	32.6	16.6	1.0	402
7	WB9879CLP	45.9	56.2	30.5	15.8	1.0	439
8	WB Gunnison	48.6	56.3	30.1	16.0	0.3	454
9	Brennan	42.8	<u>57.2</u>	26.9	15.7	16.7	428
10	SY Soren	28.3	53.2	27.6	16.5	11.7	462
11	Egan	43.3	53.2	31.5	<u>17.0</u>	11.7	452
12	Lanning	45.3	52.6	30.4	15.6	6.7	395
13	NS Presser CLP	49.2	54.4	32.5	15.2	5.0	405
14	SY Ingmar	42.3	56.0	30.7	15.8	5.3	463
15	LCS Pro	40.8	54.5	34.8	14.9	7.0	401
16	Alum	37.9	53.5	32.1	16.6	4.0	357
17	MT1621	<u>51.9</u>	56.3	33.2	15.6	1.0	459
18	MT 1673	48.0	54.0	31.5	16.7	4.0	372
19	MT 1716	32.6	54.7	25.4	16.1	10.0	434
20	MT 1767	47.1	54.0	31.3	15.6	2.3	399
Average		42.7	54.7	31.4	16.0	5.9	418
LSD(0.05)		6.0	1.7	3.4	0.9	7.2	25.3
C.V.(%)		8.4	1.9	6.6	3.5	73.7	3.7

Underscore = indicates greatest value within a column

Bold = indicates varieties within values equal to greatest variety within a column based on Fisher's Protected LSD at p=0.05.

Table 3. Performance of 20 spring wheat cultivars tested under dryland, no-till conditions near Cut Bank, MT 2019 (Exp. 9960).

Entry #	Cultivar	Grain Yield Bu/acre	Test Weight Lb/bu	Plant Height Inches	Protein %	Sawfly Cutting %
1	Fortuna	56.3	58.0	35.3	13.9	4.0
2	Reeder	64.1	60.1	30.7	13.9	3.0
3	Choteau	63.7	57.6	31.3	13.4	2.0
4	Vida	69.8	57.1	30.0	13.9	2.0
5	Duclair	68.3	57.1	33.0	14.5	2.0
6	Corbin	60.5	57.8	29.3	14.2	3.0
7	WB9879CLP	64.1	58.3	34.0	14.7	4.7
8	WB Gunnison	69.1	59.3	31.7	14.1	4.7
9	Brennan	79.8	61.6	30.7	14.3	3.0
10	SY Soren	74.4	60.4	32.0	13.9	3.0
11	Egan	65.9	59.1	35.0	14.7	3.0
12	Lanning	67.4	58.9	30.7	14.4	2.0
13	NS Presser CLP	70.9	56.9	32.0	14.3	2.0
14	SY Ingmar	76.2	60.6	30.0	15.0	2.0
15	LCS Pro	70.0	57.2	30.3	14.5	2.0
16	Alum	71.6	59.2	34.3	14.5	4.7
17	MT1621	74.0	59.5	31.0	14.3	5.0
18	MT 1673	69.9	56.1	32.3	15.3	4.0
19	MT 1716	79.2	58.7	31.3	14.2	4.0
20	MT 1767	65.2	56.5	31.3	13.6	6.7
Average		69.0	58.5	31.8	14.3	3.3
LSD(0.05)		10.1	1.8	NS	NS	NS
C.V.(%)		8.9	1.9	9.3	7.2	63.5

Underscore = indicates greatest value within a column

Bold = indicates varieties within values equal to greatest variety within a column based on Fisher's Protected LSD at p=0.05.

NS = no significant differences

Table 4. Performance of 20 spring wheat cultivars tested under dryland, no-till conditions near Choteau, MT 2019 (Exp. 9962).

Entry #	Cultivar	Grain Yield Bu/acre	Test Weight Lb/bu	Plant Height Inches	Protein %	Sawfly Cutting %
1	Fortuna	76.8	63.0	40.3	14.4	20.0
2	Reeder	71.7	61.4	33.7	15.5	30.0
3	Choteau	77.7	61.8	33.3	15.7	11.7
4	Vida	88.1	61.8	33.3	14.6	13.3
5	Duclair	70.9	61.7	33.3	15.8	10.0
6	Corbin	80.8	63.7	34.7	14.6	11.7
7	WB9879CLP	79.7	61.9	31.3	15.6	10.0
8	WB Gunnison	72.8	62.5	31.7	13.8	6.7
9	Brennan	42.3	62.7	29.7	16.4	90.0
10	SY Soren	70.7	62.7	30.3	15.8	46.7
11	Egan	72.7	62.1	33.7	16.4	33.3
12	Lanning	70.4	61.8	30.7	16.2	30.0
13	NS Presser CLP	76.1	60.5	33.3	15.0	20.0
14	SY Ingmar	57.5	63.3	29.7	16.2	66.7
15	LCS Pro	76.3	62.8	36.3	15.4	23.3
16	Alum	75.6	62.4	33.3	14.4	16.7
17	MT1621	87.4	62.5	34.0	15.8	10.0
18	MT 1673	69.8	60.8	32.0	17.4	10.0
19	MT 1716	84.6	63.6	32.3	14.9	30.0
20	MT 1767	84.2	61.0	33.0	15.4	13.3
Average		74.3	62.2	33.0	15.5	25.2
LSD(0.05)		11.2	0.6	2.9	0.6	13.2
C.V.(%)		9.1	0.6	5.3	2.2	31.6

Underscore = indicates greatest value within a column

Bold = indicates varieties within values equal to greatest variety within a column based on Fisher's Protected LSD at p=0.05.

Table 5. Performance of 20 spring wheat cultivars tested under dryland, no-till conditions near Devon, MT 2019 (Exp. 9963).

Entry #	Cultivar	Grain Yield Bu/acre	Test Weight Lb/bu	Plant Height Inches	Protein %	Lodging %
1	Fortuna	40.4	61.9	33.0	13.6	5.0
2	Reeder	43.3	61.0	27.7	14.0	6.7
3	Choteau	48.4	61.6	26.7	13.6	2.0
4	Vida	57.6	61.0	28.0	12.9	4.0
5	Duclair	42.3	59.9	28.3	13.7	4.0
6	Corbin	41.1	62.1	26.7	13.6	4.0
7	WB9879CLP	42.2	60.6	26.7	14.5	3.0
8	WB Gunnison	46.5	61.6	26.3	13.1	3.0
9	Brennan	34.3	62.6	25.0	14.8	4.0
10	SY Soren	42.4	61.4	26.7	14.5	4.0
11	Egan	41.8	59.9	27.7	14.9	4.0
12	Lanning	55.8	61.3	29.3	14.4	4.0
13	NS Presser CLP	45.8	60.8	30.0	12.5	4.0
14	SY Ingmar	37.8	62.2	26.0	15.0	5.0
15	LCS Pro	35.3	61.3	28.0	14.2	4.0
16	Alum	40.5	62.5	27.3	13.4	4.0
17	MT1621	44.0	60.5	27.7	14.6	4.0
18	MT 1673	39.5	58.3	26.7	14.9	3.0
19	MT 1716	50.3	61.8	27.0	14.3	4.0
20	MT 1767	38.9	57.5	25.7	14.7	2.0
Average		43.4	61.0	27.5	14.1	3.9
LSD(0.05)		NS	1.8	2.6	1.0	NS
C.V.(%)		19.9	1.8	5.8	4.4	41.2

Underscore = indicates greatest value within a column

Bold = indicates varieties within values equal to greatest variety within a column based on Fisher's Protected LSD at p=0.05.

NS = no significant differences

Table 6. Performance of 20 spring wheat cultivars tested under dryland, no-till conditions near The Knees, MT 2019 (Exp. 9967).

Entry #	Cultivar	Grain Yield Bu/acre	Test Weight Lb/bu	Plant Height Inches	Protein %	Lodging %
1	Fortuna	59.1	60.0	39.3	14.6	20.0
2	Reeder	58.2	58.0	34.3	15.0	43.3
3	Choteau	66.4	59.0	32.0	14.8	16.7
4	Vida	65.6	59.5	32.0	13.8	20.0
5	Duclair	75.4	59.0	33.0	15.1	21.7
6	Corbin	68.1	58.1	32.0	14.7	31.7
7	WB9879CLP	70.1	59.5	32.7	14.7	13.3
8	WB Gunnison	63.1	59.0	31.0	14.2	8.3
9	Brennan	61.8	59.9	29.3	15.0	68.3
10	SY Soren	62.9	58.0	29.3	14.8	43.3
11	Egan	66.1	58.9	31.0	16.1	51.7
12	Lanning	68.8	57.7	32.7	14.7	61.7
13	NS Presser CLP	66.1	57.3	33.3	14.5	21.7
14	SY Ingmar	61.3	58.4	29.0	13.8	50.0
15	LCS Pro	61.3	56.9	36.3	14.9	50.0
16	Alum	72.1	59.8	32.7	14.0	28.3
17	MT1621	72.5	59.9	33.3	14.9	10.0
18	MT 1673	74.9	58.7	33.7	14.6	20.0
19	MT 1716	61.6	59.3	32.7	13.9	60.0
20	MT 1767	71.8	57.1	33.0	14.4	31.7
Average		66.4	58.7	32.6	14.6	33.6
LSD(0.05)		NS	NS	2.0	NS	17.0
C.V.(%)		11.8	2.1	3.8	6.3	30.6

Underscore = indicates greatest value within a column

Bold = indicates varieties within values equal to greatest variety within a column based on Fisher's Protected LSD at p=0.05.

NS = no significant differences