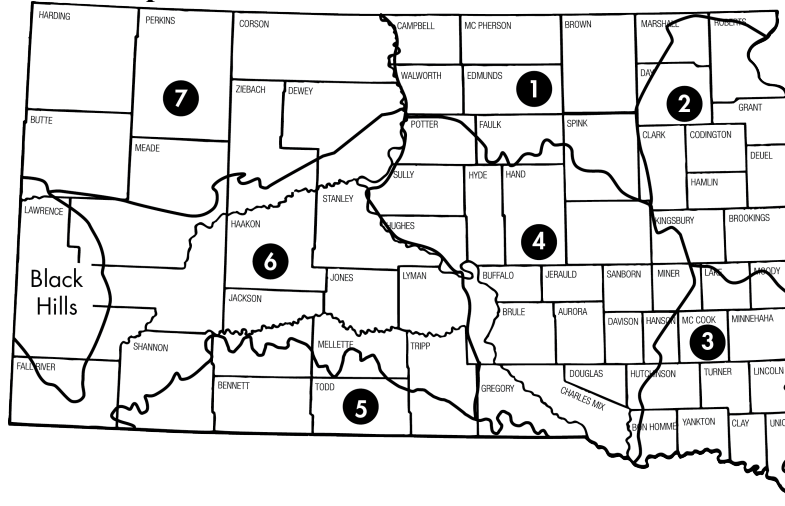


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Crop Zones for Small Grains in South Dakota



Recommended/Promising Winter Wheat Varieties for Fall 2013 by Crop Zones†

Zone – 1 ^{pc}	Zone – 2 ^{pc}	Zone – 3	Zone – 4 ^{pc}	Zone – 5	Zone – 6	Zone – 7 ^{pc}
Hard Red Varieties – Recommended						
Expedition Ideal‡ Lyman Millennium‡ Overland Redfield Settler CL‡ SY Wolf‡	Expedition Ideal Lyman Overland Redfield Settler CL SY Wolf	Expedition Ideal Lyman Overland Redfield Settler CL ^{pc} SY Wolf ^{pc}	Expedition Ideal Lyman Millennium Overland Redfield Settler CL SY Wolf	Ideal Lyman Millennium Overland Redfield SY Wolf ^{pc}	Ideal Lyman Millennium Overland Redfield SY Wolf ^{pc}	Ideal Lyman Millennium Overland Redfield SY Wolf
Promising						
Freeman WB Grainfield WB Matlock‡	Freeman WB Grainfield WB Matlock	Freeman WB Grainfield WB Matlock	Freeman WB Grainfield WB Matlock	LCS Mint	LCS Mint	LCS Mint

† Crop Zones (1-7) for small grains are based on soil & climate information.

^{pc} plant in protective cover to improve winter survival in Crop Zones 1, 2, 4, & 7 and in other zones on designated varieties.

‡ Varieties susceptible to Fusarium Head Blight (Scab) include Ideal, WB Matlock, Millennium, Settler CL, and SY Wolf.

2014 Winter Wheat Variety Trial Results

Table 1a. 2014 East River Winter Wheat Performance - Average Yield (bu/ac at 13% moisture), Protein (%), and Test Weight (lbs/bu).									
Variety	Crop Zone - 2						Crop Zone - 3		
	Brookings w/Fung.#			Brookings			Beresford		
	Yield	Protein	Test Wt.	Yield	Protein	Test Wt.	Yield	Protein	Test Wt.
1863†	72	12.0	59.6	62	12.1	59.6	53	14.0	60.0
Alice (White)	61	13.2	58.9	47	13.6	55.2	41	14.9	59.9
Arapahoe	60	12.8	58.2	51	13.0	57.1	52	14.6	57.9
Brawl CL Plus†	52	13.4	58.4	44	14.0	53.9	45	14.9	57.5
Byrd†	56	12.4	58.3	51	12.5	54.5	49	13.4	58.0
WB Cedar	49	13.1	58.1	50	12.9	55.6	47	14.9	56.7
Decade†	55	14.5	56.8	56	13.6	55.8	58	15.0	56.4
Denali†	60	12.0	57.1	49	12.6	54.3	53	12.7	59.2
Everest	58	13.1	60.5	56	13.1	59.8	46	15.1	56.9
Expedition	58	12.8	61.9	49	12.8	58.0	50	14.7	57.8
Freeman	72	12.8	57.8	65	12.8	57.6	63	13.9	58.9
WB Grainfield	64	12.8	58.7	63	12.7	58.3	58	14.9	58.8
Ideal	68	12.7	58.2	58	12.6	55.6	68	13.7	57.9
Jagalene-Check	63	13.5	56.8	50	13.9	52.6	51	13.9	59.7
Jerry	65	12.8	58.1	50	13.0	57.5	60	14.6	59.6
Lyman	67	13.0	62.3	60	12.9	60.5	58	15.4	58.1
WB Matlock	73	13.0	60.8	54	13.6	58.8	67	14.5	59.6
Millenium	63	12.7	58.8	49	13.1	57.5	56	14.8	56.0
LCS Mint	65	13.0	57.8	62	12.7	57.6	50	14.0	58.4
Overland	69	12.8	59.9	58	12.6	59.1	63	14.6	58.5
Redfield	61	12.9	59.0	54	13.4	57.3	60	14.0	58.4
WB Redhawk	45	14.1	53.6	47	14.0	54.5	35	16.3	56.0
Robidoux	49	13.6	53.9	38	14.2	50.2	46	13.5	56.1
Settler CL	54	13.0	58.9	50	13.1	57.5	48	13.9	57.5
T158	57	12.6	57.9	49	12.8	54.1	35	14.0	58.2
Wesley	61	14.1	57.3	60	13.4	58.2	50	14.8	58.2
SY-Wolf	71	13.5	58.4	67	13.5	57.8	62	14.7	56.7
Trial Average	60	13.0	58.1	53	13.1	56.5	54	14.4	57.8
LSD (0.05)*	9	0.8	2.7	6	0.6	2.8	8	0.3	1.5
TPG value§	64	13.7	59.6	61	13.6	57.7	60	16.0	58.5
C.V. ¶	10.5	4.3	3.3	8.5	3.3	3.6	10.3	1.7	1.9

† New entry in 2014, not previously tested.

Foliar fungicide applied at flowering.

* If the difference between two varieties within a column equals or exceeds the LSD value, the difference is significant, if not, the difference is insignificant at the 0.05 level of probability.

§ Minimum value required for a variety to qualify for the top yield group (TYG).

¶ A measure of experimental error, 15% or less is acceptable.

2014 Winter Wheat Variety Trial Results

Table 1b. 2014 East River Winter Wheat Performance - Average Yield (bu/ac at 13% moisture), Protein (%), and Test Weight (lbs/bu).										
Variety	Crop Zone - 4						Crop Zones - 2, 3, & 4			
	Onida			Pierre			East River Average‡			
	Yield	Protein	Test Wt.	Yield	Protein	Test Wt.	Yield	TYG%	Protein	Test Wt.
1863†	96	12.9	61.9	81	13.3	61.9	72	60	12.9	60.6
Alice (White)	82	13.2	60.2	78	13.5	61.3	62	0	13.7	58.7
Arapahoe	80	13.8	59.3	78	14.3	60.6	64	0	13.7	58.5
Brawl CL Plus†	72	13.9	61.0	74	13.6	61.6	57	0	13.9	58.6
Byrd†	85	12.7	60.6	87	12.5	61.4	66	0	12.7	58.2
WB Cedar	86	13.4	61.3	78	13.1	61.0	62	0	13.5	58.5
Decade†	98	14.8	59.1	85	14.7	61.6	70	20	14.5	58.5
Denali†	87	12.7	61.5	97	12.0	63.1	69	20	12.4	58.6
Everest	87	13.9	62.9	73	14.0	61.6	64	0	13.8	60.5
Expedition	86	13.2	61.3	71	14.1	61.7	63	0	13.5	60.3
Freeman	96	13.5	59.5	85	13.5	60.2	76	80	13.3	58.6
WB Grainfield	94	13.3	60.3	83	14.0	62.1	73	40	13.5	59.6
Ideal	104	13.5	61.5	96	13.3	62.8	79	80	13.2	59.5
Jagalene-Check	85	13.6	60.3	77	13.7	62.7	65	0	13.7	58.4
Jerry	79	14.0	59.2	78	13.6	61.8	67	40	13.6	59.0
Lyman	97	13.9	61.8	82	14.5	61.8	73	40	13.9	61.3
WB Matlock	87	13.9	60.9	83	13.8	62.1	73	40	13.8	60.4
Millenium	89	13.3	60.4	82	14.1	61.9	68	0	13.5	59.0
LCS Mint	95	13.6	61.1	82	13.8	63.2	71	60	13.4	59.5
Overland	89	13.6	60.2	81	14.1	61.6	72	40	13.5	59.8
Redfield	97	13.6	60.9	89	13.5	61.3	72	20	13.5	59.4
WB Redhawk	89	14.8	60.2	72	14.8	59.6	58	0	14.8	56.7
Robidoux	75	13.2	57.6	81	12.9	60.6	58	0	13.5	55.6
Settler CL	93	13.3	59.3	79	13.4	61.4	65	0	13.3	58.9
T158	88	12.6	59.9	76	12.5	60.6	61	0	12.9	58.1
Wesley	93	14.8	60.6	82	14.7	60.3	69	0	14.3	58.9
SY-Wolf	103	13.9	61.3	91	14.0	61.5	79	100	13.9	59.1
Trial Average	88	13.6	60.2	82	13.6	61.4	67	-	13.6	58.8
LSD (0.05)*	9	0.5	1.4	7	0.6	2.1	4	-	0.4	1.1
TPG value§	95	14.3	61.5	90	14.2	61.1	75	-	14.4	60.2
C.V. ¶	7.0	2.4	1.7	6.2	3.2	2.4	-	-	-	-

‡ Locations at Platte, Selby, and South Shore were abandoned due to wind damage, winterkill, and volunteer oats competition, respectively.

† New entry in 2014, not previously tested.

* If the difference between two varieties within a column equals or exceeds the LSD value, the difference is significant, if not, the difference is insignificant at the 0.05 level of probability.

§ Minimum value required for a variety to qualify for the top yield group (TYG).

¶ A measure of experimental error, 15% or less is acceptable.

2014 Winter Wheat Variety Trial Results

Table 2a. 2014 West River Winter Wheat Performance - Average Yield (bu/ac at 13% moisture), Protein (%), and Test Weight (lbs/bu).

Variety	Crop Zone - 6												
	Kennebec			Sturgis		Wall		Winner			Winner w/Fung.#		
	Yield	Test Wt.	Protein	Yield	Test Wt.	Yield	Test Wt.	Yield	Protein	Test Wt.	Yield	Protein	Test Wt.
1863†	76	61.7	12.9	44	60.0	47	60.3	67	11.8	61.3	64	11.6	61.0
Alice (White)	80	62.7	13.1	44	59.8	43	56.1	63	12.2	60.6	58	11.8	60.2
Arapahoe	82	61.3	13.7	44	58.8	52	59.0	64	12.4	60.0	66	12.3	59.4
Brawl CL Plust	67	62.0	14.1	46	59.8	42	60.5	61	12.5	60.4	54	12.1	59.6
Byrd†	90	62.0	12.3	48	60.5	44	60.0	67	11.4	60.2	63	11.1	60.2
WB-Cedar	79	61.5	13.3	43	58.6	37	56.4	67	12.2	59.9	55	12.1	59.3
Decade†	99	62.5	13.7	51	59.5	64	58.9	79	13.2	60.5	75	13.3	59.3
Denali†	95	62.5	11.6	57	60.1	53	59.7	71	11.6	60.7	69	11.5	59.1
Everest	83	62.7	14.5	44	60.0	36	55.8	63	12.3	62.7	62	12.1	62.2
Expedition	87	63.2	13.4	48	60.0	40	59.1	69	11.8	60.4	62	11.7	60.0
Freeman	95	60.9	13.1	47	58.6	57	59.6	74	12.5	58.7	67	12.1	58.1
WB-Grainfield	84	61.6	13.0	47	59.7	49	59.9	78	12.4	59.1	65	12.3	58.8
Ideal	104	62.1	12.3	55	60.0	64	62.3	79	12.1	61.3	77	12.0	61.1
Jagalene-Check	86	62.8	12.6	48	61.2	52	57.4	75	12.2	61.3	65	12.5	59.8
Jerry	89	61.8	13.1	45	59.3	46	61.2	59	12.7	60.4	57	12.4	59.9
Lyman	89	62.8	14.9	51	60.2	55	62.0	73	12.4	61.7	72	11.8	61.5
WB-Matlock	91	63.4	12.7	50	60.1	48	60.7	64	13.3	60.8	63	12.5	61.5
Millenium	91	62.8	13.4	48	60.5	52	59.3	69	11.5	62.3	67	11.6	62.3
LCS Mint	90	63.3	13.2	56	61.6	48	56.1	76	12.1	61.8	74	12.1	60.2
Overland	91	62.2	13.2	46	58.8	44	60.0	75	11.3	61.9	67	11.5	61.5
Redfield	86	62.2	12.6	48	60.2	55	58.9	71	12.8	60.4	70	12.2	61.2
WB-Redhawk	69	59.7	15.1	45	60.0	37	55.3	60	13.0	61.4	56	12.7	59.5
Robidoux	88	61.3	12.3	49	59.9	46	55.6	56	12.6	57.0	55	12.0	59.0
Settler CL	89	61.6	13.4	53	60.3	46	59.7	66	12.1	59.3	67	11.6	59.9
T158	84	61.8	12.7	47	59.9	40	56.9	63	11.7	59.7	59	11.5	58.3
Wesley	89	62.0	14.4	46	58.2	50	59.1	72	13.2	59.9	74	12.8	60.0
SY-Wolf	93	57.8	14.4	54	60.0	53	55.9	80	12.5	61.5	79	12.2	60.1
Trial Average	87	61.4	13.3	48	59.7	49	58.5	69	12.3	60.5	65	12.0	60.0
LSD (0.05)*	12	5.3	1.0	5	1.4	7	3.5	8	0.6	1.5	8	0.6	1.7
TPG value§	92	58.1	14.1	52	60.8	58	58.8	72	12.7	61.2	71	12.7	60.6
C.V. ¶	9.7	6.1	5.5	12.4	2.0	18.6	5.6	8.2	3.3	1.7	9.0	3.5	1.9

† New entry in 2014, not previously tested.

Foliar fungicide applied at flowering.

* If the difference between two varieties within a column equals or exceeds the LSD value, the difference is significant, if not, the difference is insignificant at the 0.05 level of probability.

§ Minimum value required for a variety to qualify for the top yield group (TYG).

¶ A measure of experimental error, 15% or less is acceptable.

2014 Winter Wheat Variety Trial Results

Table 2b. 2014 West River Winter Wheat Performance - Average Yield (bu/ac at 13% moisture), Protein (%), and Test Weight (lbs/bu).

Variety	Crop Zone - 5		Crop Zone 7				Crop Zones - 5, 6, & 7			
	Martin		Bison		McLaughlin		West River Average‡			
	Yield	Test Wt.	Yield	Test Wt.	Yield	Test Wt.	Yield	TYG%	Protein	Test Wt.
1863†	46	62.4	30	54.8	40	55.4	55	0	11.3	60.6
Alice (White)	43	60.1	29	54.1	54	58.6	55	14	12.4	59.7
Arapahoe	39	59.9	30	51.4	49	54.4	56	0	12.9	58.8
Brawl CL Plus†	35	61.3	30	55.6	35	54.7	48	0	13.0	59.7
Byrd†	43	61.2	28	54.6	39	54.0	56	0	11.6	59.7
WB-Cedar	40	60.4	28	51.8	35	52.7	51	0	12.5	58.6
Decade†	53	60.9	38	55.9	46	52.2	67	71	13.4	59.4
Denali†	51	62.5	39	54.7	43	52.0	63	43	11.5	59.8
Everest	41	62.4	29	51.4	40	55.7	53	0	13.0	60.2
Expedition	43	57.9	32	55.3	46	56.1	56	0	12.4	59.5
Freeman	54	58.9	34	53.3	47	54.7	64	43	12.5	58.6
WB-Grainfield	42	61.1	27	55.0	42	53.9	59	14	12.5	59.4
Ideal	53	60.6	39	54.7	61	56.0	71	100	12.0	60.6
Jagalene-Check	43	61.6	30	55.1	42	51.4	60	14	12.5	59.9
Jerry	50	60.7	30	53.3	54	56.7	57	29	12.7	60.2
Lyman	50	62.1	40	56.3	56	54.0	64	57	13.2	61.2
WB-Matlock	50	60.7	36	55.3	55	57.1	60	29	12.8	60.7
Millenium	59	60.3	37	52.8	52	57.1	63	29	12.3	60.6
LCS Mint	55	60.4	36	55.4	45	54.0	64	57	12.4	59.8
Overland	58	60.5	38	55.9	52	56.8	62	43	12.1	60.2
Redfield	57	63.5	34	54.3	51	55.9	63	29	12.4	60.1
WB-Redhawk	42	59.4	27	52.6	24	52.1	49	0	13.3	58.4
Robidoux	48	60.6	26	53.0	36	52.8	54	14	12.1	58.0
Settler CL	50	59.9	41	53.2	42	53.3	59	29	12.2	59.1
T158	40	60.6	29	53.9	42	52.4	54	0	11.8	58.5
Wesley	51	60.8	35	53.3	43	52.1	61	43	13.3	58.9
SY-Wolf	47	61.0	44	53.7	57	53.7	66	71	12.9	58.6
Trial Average	47	60.4	34	54	49	54.6	59	-	12.5	59.4
LSD (0.05)*	11	2.7	5	NS	10	2.6	9	-	-	1.7
TPG value§	48	60.8	39	NA	51	56.0	62	-	-	59.5
C.V. ¶	21.4	3.7	21.5	6.1	18.6	4.1	-	-	-	-

‡ Location at Hayes was abandoned due to winterkill. The Bison location is excluded due to late harvest.

† New entry in 2014, not previously tested.

* If the difference between two varieties within a column equals or exceeds the LSD value, the difference is significant, if not, the difference is insignificant at the 0.05 level of probability.

§ Minimum value required for a variety to qualify for the top yield group (TYG).

¶ A measure of experimental error, 15% or less is acceptable.

2014 Winter Wheat Variety Trial Results

Table 3. 2013-2014 (2-Yr Average) Winter wheat Variety Yield (bu/ac @ 13% moisture).

Variety	East River				West River					
	Crop Zone - 2		Crop Zone - 3	Crop Zone - 4	Crop Zone - 5	Crop Zone - 6			Crop Zone - 7	
	Brookings	Brookings w/Fung.#	Beresford	Pierre	Martin	Sturgis	Wall	Winner	Winner w/Fung.#	McLaughlin
1863†	-	-	-	-	-	-	-	-	-	-
Alice (White)	57	67	46	58	41	45	52	53	51	42
Arapahoe	55	62	51	57	36	45	54	58	59	42
Brawl CL Plus†	-	-	-	-	-	-	-	-	-	-
Byrd†	-	-	-	-	-	-	-	-	-	-
WB Cedar	53	56	53	60	40	45	47	59	53	35
Decade†	-	-	-	-	-	-	-	-	-	-
Denali†	-	-	-	-	-	-	-	-	-	-
Everest	60	61	53	49	41	47	46	54	54	36
Expedition	55	66	54	53	43	47	48	60	56	41
Freeman	62	71	58	63	46	48	58	63	60	44
WB Grainfield	63	67	55	63	41	47	57	63	59	41
Ideal	60	68	64	71	47	58	60	67	66	53
Jagalene-Check	43	55	44	47	42	44	52	52	51	37
Jerry	56	69	52	61	45	45	50	55	57	42
Lyman	68	76	60	65	45	55	59	69	66	51
WB-Matlock	59	75	58	65	43	46	49	58	58	42
Millenium	55	67	57	64	51	49	58	63	63	48
LCS Mint	55	63	48	58	52	55	53	61	59	46
Overland	63	71	63	63	51	52	52	66	63	47
Redfield	59	68	56	62	50	51	59	61	59	48
WB Redhawk	46	45	43	52	43	48	51	56	54	33
Robidoux	34	58	34	53	47	48	51	45	45	31
Settler CL	54	59	53	59	48	51	53	59	63	41
T158	48	62	45	60	44	48	50	54	54	-
Wesley	56	62	52	57	47	47	53	62	63	43
SY-Wolf	67	71	64	66	48	51	60	69	68	51
LSD (0.05)*	5	6	5	5	8	7	7	7	6	7
TYG value§	63	70	59	66	44	51	53	62	62	46

† New entry in 2014, 2-yr average not available.

Foliar fungicide applied at flowering.

* If the difference between two varieties within a column equals or exceeds the LSD value, the difference is significant, if not, the difference is insignificant at the 0.05 level of probability.

§ Minimum value required for a variety to qualify for the top yield group (TYG).

2014 Winter Wheat Variety Trial Results

Table 4. 2012-2014 (3-Yr Average) Winter wheat Variety Yield (bu/ac @ 13% moisture).

Variety	East River			West River					
	Crop Zone - 2	Crop Zone - 3	Crop Zone - 4	Crop Zone - 5	Crop Zone - 6			Crop Zone - 7	
	Brookings w/Fung.#	Beresford	Pierre	Martin	Sturgis	Wall	Winner	Winner w/Fung.#	McLaughlin
1863†	-	-	-	-	-	-	-	-	-
Alice (White)	72	50	66	38	52	56	63	61	35
Arapahoe	69	52	63	33	51	57	63	65	37
Brawl CL Plus†	-	-	-	-	-	-	-	-	-
Byrd†	-	-	-	-	-	-	-	-	-
WB Cedar†	-	-	-	-	-	-	-	-	-
Decade†	-	-	-	-	-	-	-	-	-
Denali†	-	-	-	-	-	-	-	-	-
Everest	65	54	63	37	54	53	63	61	35
Expedition	72	53	61	41	55	56	65	65	34
Freeman†	-	-	-	-	-	-	-	-	-
WB Grainfield†	-	-	-	-	-	-	-	-	-
Ideal	77	63	71	42	63	64	71	70	47
Jagalene-Check	65	46	54	38	47	55	58	57	33
Jerry	74	54	62	40	51	54	58	58	46
Lyman	79	60	70	40	60	64	73	72	42
WB-Matlock†	77	60	67	38	52	56	63	64	44
Millenium	72	61	72	44	57	61	68	72	44
LCS Mint†	-	-	-	-	-	-	-	-	-
Overland	76	65	74	43	57	59	72	73	39
Redfield	69	57	69	42	56	62	65	66	48
WB Redhawk†	57	50	64	38	55	57	63	63	30
Robidoux	71	45	66	42	56	62	60	59	31
Settler CL	67	55	67	45	58	60	66	71	33
T158†	-	-	-	-	-	-	-	-	-
Wesley	66	55	66	42	53	60	67	68	36
SY-Wolf	76	66	78	44	57	65	76	78	45
LSD (0.05)*	6	4	5	6	5	6	6	6	8
TYG value §	73	62	73	39	58	58	70	72	40

† New entry in 2013 or 2014, 3-yr average not available.

Foliar fungicide applied at flowering.

* If the difference between two varieties within a column equals or exceeds the LSD value, the difference is significant, if not, the difference is insignificant at the 0.05 level of probability.

§ Minimum value required for a variety to qualify for the top yield group (TYG).

2014 Winter Wheat Variety Trial Results

Table 5. List of 2014 winter wheat varieties being tested in 17 SDSU trials and their origin, characteristics, and grain quality.

Variety	Testing and Origin		Agronomic Characteristics				Grain Quality		
	Years Tested in SD Trials	Origin†-Year	Rel.‡ Hdg days	Rel.‡ Height inches	Lodging Res.§	Winter Hardi-ness§	Test Wt.	Protein %	Baking Quality#
1863	new	KS-12	0	1	(G)¶	(G)	High	Low	(G)
Alice (White)	5+	SD-06	-1	-2	G	G-E	Good	Good	E
Arapahoe	5+	NE-99	2	2	F	G-E	Low	High	G
Brawl CL Plus	new	CO-11	-1	-1	(G)	-	Good	Good	(E)
Byrd	new	CO-11	-1	1	(F)	-	Good	Low	(E)
WB-Cedar	2	WB-10	-4	-4	E	G	Good	Good	A
Decade	new	MT/ND-10	4	4	(E)	(E)	Good	High	(A)
Denali	new	CO-11	3	3	(G)	-	Good	Low	(A)
Everest	4	KS-09	-3	-1	E	G	High	Good	A
Expedition	5+	SD-02	<u>0</u>	<u>0</u>	F-G	E	Good	Good	G
Freeman	2	NE-13	-1	0	G	G	Low	Low	A-G
WB-Grainfield	2	WB-12	-2	-1	G	G	Good	Good	G
Ideal	5+	SD-11	3	0	E	G-E	Good	Good	A
Jagalene-Check	5+	AP-01	2	-1	E	G	Low	High	A
Jerry _{no PVP}	5+	ND-01	5	3	F-G	E	Good	High	G
Lyman	5+	SD-08	1	1	F	G-E	High	High	A
WB Matlock	4	WB-10	3	1	G	E	Good	High	G
Millennium	5+	NE-00	2	2	G	G	High	Good	F
LCS Mint	2	LCS-12	-2	1	G	G	High	Low	E
Overland	5+	NE-06	2	1	G	G-E	High	Low	F
WB Redhawk	3	WB-11	0	0	G	G	Good	High	G
Robidoux	4	NE-10	1	-1	G	G	Low	Low	G
Redfield	5+	SD-13	3	-1	E	G-E	Good	Good	G
Settler CL	5+	NE-08	0	0	G	F-G	Good	Low	A
T158	2	LCS-09	-5	-2	G	G	Good	Low	G
Wesley _{no PVP}	5+	NE-99	1	-1	E	G	Low	High	G
SY Wolf	4	AP-11	-1	0	E	F-G	Good	Good	A

† AP, AgriPro; CO, Colorado; KS, Kansas; LCS, Limagrain Cereal Seeds; MT, Montana; ND, North Dakota; SD, South Dakota; WB, WestBred and – (Year of Release).

‡ Difference in days to heading compared to **Expedition** (2013 maturity notes from the Brookings). Height compared to **Expedition (30 inches)** in 2013 Statewide.

§ Lodging resistance and winter hardiness: E, excellent; G, good; F, fair; P, poor.

Baking Quality: E, excellent; G, good; A, acceptable; F, fair.

¶ Estimated ratings (X), based on other state trials and information provided by entity that submitted the variety.

2014 Winter Wheat Variety Trial Results

Variety	Disease Ratings§					
	Stripe Rust	Stem Rust	Leaf Rust	Leaf Spot¶	Wheat Streak Mosaic	FHB (Scab)
1863†	-	-	-	MS	-	-
Alice (White)	MS	MR	MS	S	MS	S
Arapahoe	MS	MR	MR	S	S	MR
Brawl CL Plus†	-	-	-	S	-	-
Byrd†	-	-	-	S	-	-
WB Cedar	MR	MR	MS-MR	S	MS	-
Decadet†	-	-	-	MR	-	-
Denali†	-	-	-	S	-	-
Everest	MS	MS	MR	S	MS	MR
Expedition	S	R	S	S	S	MR
Freeman	MS	MS-MR	MS-MR	S	-	MS
WB Grainfield	MR	-	MR	MR	-	-
Ideal	MS	MR	MR	MS	S	MS
Jagalene-Check	S	MS	S	MS	MS	S
Jerry	MR	R	MR	S	MS	S
Lyman	MS	R	R	MS	S	R
WB-Matlock	MS	MR	MR	MS	S	S
Millenium	MR	MR	MS	S	S	S
LCS Mint	MR	-	MS	MS	-	-
Overland	MR	MR	MR	S	MS	MR
Redfield	MR	MR	MS-MR	MS	S	MR
WB Redhawk	MS	-	MR	MS	-	-
Robidoux	MR	S	MS	S	S	S
Settler CL	MS	MR	MS-MR	S	MS	S
T158	R	-	MS	S	MS-MR	S
Wesley	MR	R	MS-MR	S	S	S
SY-Wolf	MR	MR	R	MS	MR	S

† New entry in 2014

§ Disease ratings: R, resistant; MR, moderately resistant; MS, moderately susceptible; S, susceptible, VS, very susceptible. Only Leaf Spot ratings were taken in 2014.

¶ No distinction was made between Tan Spot and Leaf Spot.