

NORTH DAKOTA STATE UNIVERSITY  
Williston Research Extension Center

Spring Wheat Dryland Variety Trial - NDSU

WREC, Williston, ND 2016

Variety	Plant Height (in)	Heading Date DAP*	Protein <sup>†</sup> (%)	Test weight <sup>‡</sup> (lb/bu)	Yield <sup>#</sup>		
					2016 (bu/a)	2-Yr Avg (bu/a)	3-Yr Avg* (bu/a)
Velva	26	50	13.8	58.2	58.9	46.8	46.5
Prevail	26	48	13.6	57.7	57.9	46.6	45.4
LCS Pro	30	49	13.5	57.6	57.1	46.3	45.3
Elgin-ND	28	49	14.1	57.8	57.2	44.0	43.0
SY Ingmar	23	51	14.5	57.7	51.9	42.1	42.9
Mott	28	51	15.1	57.5	53.3	44.5	42.7
SY Tyra	22	49	13.6	58.6	53.8	42.8	42.6
WB-Mayville	23	48	14.6	57.7	52.6	43.4	42.5
LCS Nitro	24	53	13.5	56.1	52.5	42.3	42.4
WB9507	26	49	14.1	55.1	52.8	41.9	42.2
Linkert	24	48	14.6	58.1	51.3	42.1	41.8
SY605CL	26	47	14.2	59.1	55.2	43.5	41.6
Duclair	25	48	13.9	56.6	53.0	43.0	41.6
LCS Iguacu	25	52	13.1	58.7	50.7	42.3	41.6
Rollag	25	49	14.7	57.6	53.7	41.5	41.1
Prosper	25	50	13.9	57.3	51.2	41.4	41.1
Boost	27	51	15.2	57.5	48.5	40.8	40.8
SY Soren	24	49	14.6	58.4	54.4	42.4	40.7
ND 901CL+	29	49	15.5	58.6	53.0	42.4	40.6
SY Rowyn	24	49	14.0	57.1	50.8	40.7	39.5
Faller	26	51	13.4	56.5	53.5	39.0	39.5
Glenn	28	48	13.9	60.7	52.7	40.5	38.7
Barlow	27	47	14.2	59.3	52.8	39.6	38.6
LCS Breakaway	23	47	14.9	59.4	49.8	38.3	38.2
LCS Prime	26	48	12.8	59.4	55.9	50.8	-
WB9653	24	49	13.7	57.6	56.3	47.4	-
MS Chevelle	25	48	13.2	58.3	57.8	46.5	-
SY Valda	24	50	13.6	57.9	55.4	46.5	-
Surpass	27	47	13.5	57.8	54.8	45.6	-
MS Stingray	25	54	12.3	56.9	55.4	44.9	-
Croplan HRSW 3530	29	50	14.0	56.8	54.0	44.7	-
Focus	28	46	13.9	59.8	54.7	43.8	-
Redstone	25	47	13.7	58.1	56.9	43.3	-
Croplan HRSW 3419	26	54	14.0	55.1	56.9	42.9	-
Croplan HRSW 3361	24	50	13.8	56.6	51.8	42.3	-
Prestige	24	54	14.1	56.1	51.4	41.8	-
Bolles	25	51	16.0	56.5	45.6	39.6	-
HRS 3504	23	50	13.3	56.9	59.8	-	-
HRS 3100	23	49	14.0	57.2	57.0	-	-
LCS Anchor	23	47	14.6	59.1	55.2	-	-
TCG Spitfire	26	52	14.0	57.2	55.0	-	-
TCG Wildfire	25	49	14.1	58.3	53.4	-	-
HRS 3616	24	48	14.7	57.4	52.2	-	-
Shelly	23	52	13.4	58.3	51.6	-	-
WB9312	24	47	13.2	57.8	48.9	-	-
Egan	26	49	15.7	55.9	48.4	-	-
TCG Cornerstone	22	49	15.4	57.5	47.5	-	-
Mean	25.9	49.1	14.2	58.1	53.4	-	-
CV (%)	6.0	1.7	3.4	0.6	7.1	-	-
LSD (5%)	2.2	1.2	0.7	0.5	5.3	-	-
LSD (10%)	1.8	1.0	0.6	0.4	4.4	-	-

Location: WREC; Latitude 48° 8' N; Longitude 103° 44' W; Elevation 2105 ft  
Planted: 5-3-2016

Previous crop: Safflower  
Harvested: 8-16-2016

Soil test (0-6"): P=17 ppm; K=266 ppm; pH=6.2; OM=2.4%;  
(0-24"): NO3-N=4 lb/a

Soil type: Williams-Bowbells loam

Applied fertilizers in lb/a: N=67; P<sub>2</sub>O<sub>5</sub>=18; K<sub>2</sub>O=0; S=5

DAP\* = Days after planting

<sup>†</sup>Protein adjusted to 12.0% moisture

<sup>‡</sup>Test Weight = Reported on a 13.5% moisture basis

<sup>#</sup>Yield = Reported on a 13.5% moisture basis

Chemical Applications: Brox-M/Axial Star @ 1.5 pt/ac and 16 oz/ac (6-6-16)