

NORTH DAKOTA STATE UNIVERSITY
Williston Research Extension Center

Spring Wheat Dryland Variety Trial - NDSU

WREC, Williston, ND 2017

Variety	Plant Height (in)	Heading Date DAP*	Protein [†] (%)	Test weight [‡] (lb/bu)	Yield [#]		
					2017 (bu/a)	2-Yr Avg (bu/a)	3-Yr Avg* (bu/a)
Prevail	24.2	64	17.9	50.7	33.7	45.8	42.3
LCS Prime	23.4	63	17.4	48.2	25.2	40.5	42.3
WB9653	25.7	59	18.6	50.3	28.1	42.2	41.0
MS Chevelle	23.4	58	18.6	50.5	29.5	43.7	40.8
SY Valda	19.2	63	17.7	50.8	29.0	42.2	40.6
Velva	24.6	64	19.8	50.9	27.8	43.3	40.5
Surpass	22.3	61	19.5	48.3	29.4	42.1	40.2
Elgin-ND	24.8	62	18.9	47.3	28.7	43.0	38.9
Mott	24.3	63	19.9	50.1	27.5	40.4	38.9
Linkert	23.8	59	18.0	50.9	32.1	41.7	38.8
SY Ingmar	20.2	62	17.4	48.8	30.8	41.3	38.3
WB-Mayville	25.2	64	18.9	48.1	27.7	40.2	38.2
Boost	20.3	58	17.9	51.5	31.9	40.2	37.9
Prestige	21.9	60	18.3	48.4	29.4	40.4	37.7
SY Rowyn	22.2	65	17.4	50.3	30.9	40.9	37.4
Rollag	24.3	58	18.0	52.7	29.3	41.5	37.4
Prosper	22.8	58	16.6	51.7	28.6	39.9	37.2
Redstone	22.8	68	20.7	46.0	24.4	40.7	37.0
SY Soren	24.3	65	18.2	47.1	25.1	39.7	36.6
LCS Nitro	22.6	66	20.4	48.9	24.9	38.7	36.5
Glenn	20.9	58	17.8	51.6	28.4	40.5	36.5
Faller	20.2	58	17.4	52.2	30.3	41.9	36.1
Barlow	24.3	59	18.9	51.4	27.6	40.2	35.6
LCS Breakaway	21.0	61	18.4	50.5	27.5	38.6	34.7
Bolles	22.0	65	19.7	49.8	21.9	33.8	33.7
HRS 3504	21.7	58	16.8	51.5	32.0	45.9	-
TCG-Cornerstone	23.0	58	17.4	49.1	32.1	43.5	-
HRS 3100	22.7	57	18.3	49.4	29.7	43.3	-
LCS Anchor	22.2	65	18.0	49.7	27.8	41.5	-
Shelly	22.6	60	18.3	50.0	31.4	41.5	-
TCG-Climax	22.7	57	17.0	49.9	30.1	38.8	-
HRS 3616	22.2	64	18.1	47.7	25.0	38.6	-
Egan	20.7	63	18.4	50.4	28.4	38.4	-
ND-VitPro	22.2	67	21.4	49.0	22.2	37.8	-
AKF-Astro	21.3	59	17.1	48.6	34.3	-	-
MS Camaro	24.0	63	18.2	48.7	33.2	-	-
WB9479	22.4	59	18.5	49.4	31.3	-	-
LCS Rebel	22.2	65	18.7	49.6	30.8	-	-

Lang-MN	22.0	65	18.2	48.7	30.7	-	-
WB9590	19.3	58	17.6	49.6	30.1	-	-
Dyna-Gro Caliber-1667	20.3	59	18.6	49.9	29.3	-	-
Dyna-Gro Ambush-1660	19.3	58	18.0	49.9	29.1	-	-
TCG-Spitfire	21.9	58	18.2	50.3	28.8	-	-
HRS 3419	22.3	59	18.2	51.2	28.1	-	-
SY Rockford	22.8	60	18.8	49.2	28.0	-	-
HRS 3530	21.4	61	18.6	50.0	26.8	-	-
WB9719	21.0	65	20.7	52.5	25.5	-	-
LCS Trigger	17.7	57	17.4	49.5	24.9	-	-
Mean	22.3	61.1	18.4	49.8	28.7	-	-
CV (%)	5.0	1.3	2.6	1.7	7.1	-	-
LSD (5%)	1.8	1.3	0.8	1.4	3.3	-	-
LSD (10%)	1.5	1.1	0.6	1.1	2.8	-	-

Location: WREC; Latitude 48° 8' N; Longitude 103° 44' W; Elevation 2105 ft

Previous crop: Peas

Planted: 5-3-2017

Harvested: 8-15-2017

Soil test (0-6"): P=17 ppm; K=380 ppm; pH=5.8; OM=2.5%;

Soil type: Williams-Bowbells loam

(0-24"): NO₃-N=27 lb/a

Applied fertilizers in lb/a: N=55; P₂O₅=18; K₂O=0; S=5

DAP* = Days after planting

†Protein adjusted to 12.0% moisture

‡Test weight reported on a 13.5% moisture basis

#Yield reported on a 13.5% moisture basis

Chemical Applications: Goldsky @ 1.0 pt/a (6-7-17)