

NORTH DAKOTA STATE UNIVERSITY
Williston Research Extension Center

Durum Dryland Varietal Trial -NDSU: Williston, ND

2015

Variety	Heading				Protein ²			Test Weight ³ lb/bu	Yield ⁴		
	Date DAP ¹	Height (in)	Stress %	Stand %	2015	2yr avg	3yr avg		2015	2yr avg	3yr avg
	AC Commander	62	19	28.8	98.8	17.3	14.3	16.1	58.5	24.7	42.3
AC Navigator	61	20	10.0	98.1	15.6	14.9	15.8	59.8	27.4	39.6	35.5
Alkabo	60	23	3.8	100.0	15.5	14.3	15.4	59.5	28.1	41.0	36.7
Alzada	59	21	16.3	98.8	15.9	14.7	15.8	58.4	26.5	37.9	34.1
Ben	61	24	8.8	98.8	17.4	15.4	16.8	59.2	23.7	40.9	35.2
Carpio	64	23	12.5	98.8	16.8	14.4	16.0	58.3	29.9	39.5	36.3
CDC Verona	62	24	11.3	98.1	17.5	15.0	16.6	58.8	28.7	35.1	32.9
DG Max	60	22	18.8	99.4	15.4	-	-	58.9	27.1	-	-
Divide	63	24	10.0	99.4	15.4	14.9	15.8	59.1	27.2	38.9	35.0
Grenora	61	23	11.3	98.1	17.3	14.2	15.3	58.6	32.2	39.8	37.3
Joppa	61	20	21.3	99.4	16.1	13.9	15.8	59.1	26.8	46.4	39.9
Lebsock	61	24	13.8	98.8	18.3	14.6	15.8	58.7	24.0	36.8	32.5
Mountrail	64	22	5.0	98.1	15.9	15.1	16.1	58.0	28.2	41.4	37.0
Normanno	60	18	17.5	97.5	15.1	14.1	15.1	57.9	28.2	38.9	35.3
Pierce	62	24	13.8	99.4	16.5	14.6	16.0	58.9	26.0	41.6	36.4
Rugby	61	23	21.3	98.8	18.0	15.4	17.1	58.4	22.1	37.0	32.0
Silver	59	21	5.0	98.8	15.9	15.4	-	57.6	22.9	30.7	-
Strongfield	61	23	13.8	98.8	16.2	14.8	16.0	59.1	25.3	37.9	33.7
Tioga	63	24	2.5	99.4	15.2	14.5	15.2	59.2	28.5	45.4	39.8
VT Peak	60	24	6.3	100.0	18.0	14.8	16.2	59.4	29.9	43.1	38.7
Mean	61	23	14.5	98.8	16.5	-	-	59.0	27.2	-	-
C.V.%	1.9	12.7	-	1.5	7.2	-	-	1.0	18.7	-	-
LSD 5%	1.6	4.0	-	2.1	1.9	-	-	0.8	7.1	-	-
LSD 10%	1	3	-	1.8	1.6	-	-	0.7	6.0	-	-

Location of the WREC: Latitude 48 8'; Longitude 103 44'W; Elevation 2105 ft

Applied fertilizer in lb/a: 10N : 47P2O5 : 0K2O

Soil type: Williams-Bowbells loam

Soil test to 6" in ppm: 32P : 314K OM-2.2 pH-6.1

DAP¹ = Days after planting

Protein² = Reported on a 12% moisture basis

Test Weight³ = Reported on a 13.5% moisture basis

Yield⁴ = Reported on a 13.5% moisture basis

Chemical Applications: Prosoaro 7oz/acre (6/30/15) and Wolverine/Tilt @ 1.6 qt/ac and 3oz/ac

***Plots with 30% stress or higher were averaged from other plots within the same variety**

***Yields were adjusted for stands to 100%.**

Planted: 4/23/2014

Harvested: 8/5/2015

Previous crop: Soybeans

Soil test to 24" in lb/a: 39N