

Corn Variety Trial

WREC, Williston, ND 2016

Variety	Company	Maturity ¹	Days to Silk	Ear Height	Harvest Moisture [†]	Test Weight	Yield ³		
							2016	2-Yr Avg	3-Yr Avg
3142	Integra	81	62	28	8.4	57.6	46.7	50.7	52.7
2803	Integra	78	61	32	8.4	56.9	47.1	48.5	53.1
L-2213 VT2PRO	Legacy Seeds	82	63	26	8.8	57.5	54.4	55.7	56.3
5F-775	NuTech\G2 Genetics	75	61	30	8.1	54.3	62.9	57.9	58.4
5F-379	NuTech\G2 Genetics	79	62	29	8.2	55.1	49.0	50.6	58.9
5F-781	NuTech\G2 Genetics	81	63	32	8.4	55.8	55.3	57.7	60.7
5N-183	NuTech	83	62	29	8.1	55.4	59.3	63.9	62.8
1B820-RIB	REA Hybrids	82	62	30	9.4	57.2	52.3	49.1	-
3537	Integra	85	64	32	9.6	57.9	53.1	57.7	-
3236	Integra	82	63	34	9.0	58.2	44.5	-	-
2B840-RIB	REA Hybrids	84	61	30	9.4	56.9	57.1	-	-
2B850-RIB	REA Hybrids	85	63	27	9.2	56.4	49.1	-	-
L-2245 VT2PRO	Legacy Seeds	83	63	32	8.7	59.0	54.4	-	-
Mean			62.2	30.0	8.7	56.79	52.71	-	-
CV (%)			1.0	8.4	9.1	1.1	12.7	-	-
LSD (5%)			0.9	3.6	NS	0.93	9.59	-	-
LSD (10%)			0.8	3.0	1.0	0.78	7.99	-	-

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

Planting Date: 6/2/2016

Harvest Date: hand harvested (10/12/2016), threshed (10/24/2016)

Harvested area: 106 ft²

Previous crop: Soybean

Soil type: Williams-Bowbells loam

Soil test (0-6"): P=32 ppm; K=334 ppm; pH=6.0; OM=2.3%

(0-24"): NO3-N=68 lb/a

Chemical Applications: RT3 at 32fl.oz/a (preplant spring applied), Fierce 3fl.oz/a (preplant spring applied),

and Mad Dog 5.4# at 24fl.oz/a for in-crop weeds (6/23/2016)

Harvest Moisture[†] = After hand harvest all ears were dried @ 90°F for 9 days. Harvest moisture was taken before threshing all ears.

Maturity¹ = provided by company

DAP² = Days after planting

Yield³ = Yield adjusted to 15.5% moisture