

Corn Dryland Variety Trial - NDSU

WREC, Williston, ND 2020

Variety	Company	Relative Maturity	Days to Silk (DAP ¹)	Ear Height (in)	Test Weight (lb/bu)	Yield [#]	
						2020 (bu/a)	2-Yr Avg (bu/a)
1974	Proseed	74	72	21.9	57.3	71.8	89.4
3009 VT2P RIB	Wilbur Ellis	79	71	22.0	54.5	59.4	77.2
1980 VT2P	Proseed	80	72	26.3	53.2	56.2	75.9
3282 VT2P RIB	Wilbur Ellis	82	77	31.1	53.3	36.3	60.9
1B750	REA Hybrids	75	72	23.1	54.8	48.4	-
1B821	REA Hybrids	82	74	25.8	51.4	43.6	-
2B851	REA Hybrids	85	73	29.5	49.3	53.8	-
3431 VT2P RIB	Wilbur Ellis	84	76	23.7	51.8	58.1	-
2078 GT	Proseed	78	75	28.4	51.4	43.2	-
1882 VT2P	Proseed	82	76	29.9	54.2	35.0	-
Mean			74	26	53	51	-
CV (%)			2.1	13.1	1.7	17.7	-
LSD (5%)			2.2	5.0	1.3	13.0	-
LSD (10%)			1.9	4.1	1.1	10.8	-

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

Previous crop: soybeans

Planted: 5/21/20

Harvested: 10/07/2020

Soil test to 6" in ppm: P=22 ppm; K=285 ppm; OM=2.0%; pH=6.4

Soil test to 24" in lb/a: N=17 lb/a

Soil type: Williams-Bowbells loam.

Applied fertilizers in lb/a: N=74; P₂O₅=32; K₂O=0; S=8

¹DAP = Days after planting.

[#]Yield was very poor do to lack of moisture and early freeze. Froze September 8th @ 26F

Rainfall total during season = 4.38"

Herbicide Application: PowerMax @ 32 oz/a (5/21/20 and 6/15/20)