

**NDSU Carrington Research Extension Center and Oakes Irrigation Research Site
2021 Variety Trial Data**

Soybean - Irrigated, Roundup Ready Varieties **Dickey County - Oakes**

Brand	Variety	Mat Group ¹	Days to PM	Pod Ht	Plant Ht	Plant Lodge ² 0 to 9	Seeds/ Pound	Seed Oil %	Seed Protein %	Test Wt lb/bu	----- Seed Yield -----		
											2021	2-yr. Avg. bu/ac	3-yr. Avg.
Dairyland Seed	DSR-0920E	0.9	120.3	5.3	37.5	3.5	2376	18.0	36.9	55.0	81.2	73.2	--
Dairyland Seed	DSR-1010E	1.0	118.5	5.5	35.8	2.8	2616	17.5	37.6	56.1	76.8	--	--
Dairyland Seed	DSR-1290E	1.2	122.8	4.3	38.5	5.0	2511	19.6	33.5	55.6	84.0	--	--
DynaGro	S09XF62	0.9	113.5	5.5	41.0	1.8	2574	19.4	34.6	54.9	90.0	--	--
DynaGro	S12EN72	1.2	122.0	5.5	37.8	6.0	2166	18.3	36.7	55.5	83.8	--	--
DynaGro	S12XF92	1.2	117.8	5.5	37.8	3.3	2500	18.5	35.5	55.3	89.9	--	--
Legacy Seeds	LS094-21 XF	0.9	115.5	5.0	39.5	3.8	2571	18.4	36.3	55.2	90.0	--	--
Legacy Seeds	LS102-20E	1.0	116.5	5.3	35.0	3.5	2680	17.8	36.6	55.0	87.0	77.7	--
Legacy Seeds	LS122-21E	1.2	117.8	4.5	40.0	4.5	2538	19.8	33.1	55.9	99.9	--	--
Legacy Seeds	LS-1320N	1.3	120.5	4.8	39.8	5.8	2238	18.3	35.3	54.7	92.6	--	--
LG Seeds	LGS0701XF	0.7	111.0	5.0	39.5	5.0	2543	18.4	35.7	54.6	84.0	--	--
LG Seeds	LGS0822E3	0.8	117.0	4.8	36.5	4.8	2180	18.6	36.6	55.2	84.3	--	--
LG Seeds	LGS0939XF	0.9	116.5	5.0	40.5	3.0	2557	19.1	34.9	48.0	76.2	--	--
LG Seeds	LGS1203E3	1.2	122.3	5.3	37.5	5.0	2224	18.4	36.4	55.4	88.2	--	--
LG Seeds	LGS1232XF	1.2	118.3	5.8	40.3	3.5	2605	18.5	35.5	54.9	88.6	--	--
NDSU	ND2108GT73	0.8	121.5	5.5	36.8	4.3	2775	18.4	35.9	53.9	56.9	62.2	64.4
P3 Genetics	2106E	0.6	116.0	3.8	33.5	1.8	2673	18.1	36.9	55.1	62.1	--	--
P3 Genetics	2108E	0.8	118.3	4.8	35.8	3.5	2310	18.7	36.2	55.1	63.1	--	--
REA Hybrids	RX0721	0.7	115.8	4.5	38.8	4.8	2580	18.7	35.1	54.7	70.9	--	--
REA Hybrids	R1042XF	1.0	119.8	4.8	42.0	3.8	2650	18.1	37.0	55.7	74.4	--	--
REA Hybrids	R1350XF	1.3	122.0	5.3	38.3	5.5	2554	19.1	34.6	56.3	82.1	--	--
Thunder Seed	TX8109N	0.9	115.5	5.3	40.0	3.8	2608	18.5	36.0	55.2	82.5	--	--
Thunder Seed	SB8010N	1.0	119.0	4.8	38.3	4.0	2326	19.2	34.6	53.9	77.4	--	--
Thunder Seed	TE7011	1.1	121.3	5.3	41.8	3.5	2607	17.1	35.8	56.7	85.5	--	--
Thunder Seed	TX8211N	1.1	120.3	5.5	39.8	3.8	2634	18.2	36.8	55.8	74.6	--	--
Mean			118.5	5.1	38.5	4.0	2493	18.5	35.8	55.0	80.82	--	--
C.V (%)			1.0	17.0	2.8	30.1	3	1.0	0.9	5.5	8.26	--	--
LSD 0.10			1.4	1.0	2.4	1.4	81	0.2	0.4	3.5	7.86	--	--
LSD 0.05			1.7	1.2	2.9	1.7	97	0.3	0.5	4.2	9.401	--	--

Planting Date = May 21; Harvest Date = October 5; Previous Crop = Soybean

¹Maturity group based on data provided by seed company.

²Plant lodge: 0 = no lodging; 9 = plants lying flat.