

**NDSU Carrington Research Extension Center and Oakes Irrigation Research Site  
2023 Variety Trial Data**

**Soybean - Irrigated, Roundup Ready Varieties** **Dickey County - Oakes (Page 1 of 2)**

Brand	Variety	Mat Group <sup>1</sup>	Days to PM Mat.	Pod Ht inch	Plant Ht inch	Plant Lodge <sup>2</sup> 0 to 9	Seeds/ Pound	Seed		Test Wt lb/bu	Seed Yield		
								Oil %	Protein %		2-yr. Avg. 2023	3-yr. Avg. -----bu/ac-----	
NDSU	ND21008GT20	0.8	99.0	4.2	35.0	7.5	2407	18.6	35.9	53.8	58.0	--	--
NDSU	ND2108GT73	0.7	117.8	6.2	35.7	1.3	2257	18.6	36.4	55.7	80.3	76.1	69.7
NDSU	ND17009GT	0.9	99.0	4.0	35.4	5.0	2093	19.1	37.5	56.0	61.1	57.3	--
REA Hybrids	R0944XF	0.9	118.0	4.2	44.5	3.0	2028	19.3	35.7	55.4	75.9	--	--
REA Hybrids	R1234XF	1.2	117.8	6.7	38.2	1.0	2120	18.6	36.0	54.7	83.8	--	--
Dairyland Seed	DSR-0220E	0.2	105.0	4.2	33.7	1.5	2084	19.2	36.1	56.2	78.6	--	--
Dairyland Seed	DSR-0585E	0.5	112.3	4.0	34.2	1.8	2157	20.0	33.6	54.9	75.0	--	--
Dairyland Seed	DSR-0757E	0.7	115.3	4.2	35.5	0.8	1836	19.6	34.5	56.0	73.4	--	--
Dairyland Seed	DSR-0920E	1.0	119.0	5.2	37.7	0.5	2014	18.5	37.2	55.5	89.5	82.7	82.2
Dairyland Seed	DSR-1121E	1.1	119.0	5.0	32.9	1.3	2055	20.0	35.0	55.5	89.1	82.8	--
Dairyland Seed	DSR-1290E	1.2	117.0	4.7	39.0	1.3	2084	20.0	33.7	55.6	92.3	84.7	84.4
LG Seeds	LGS0822E3	0.8	116.8	4.2	35.7	1.0	1846	18.7	37.0	55.2	83.6	79.5	81.1
LG Seeds	LGS0988XF	0.9	114.8	5.5	39.0	2.8	2021	18.5	35.6	55.6	88.9	82.4	--
LG Seeds	LGS1043E3	1.0	116.3	4.4	35.0	1.0	2212	18.6	35.2	55.3	94.3	--	--
LG Seeds	LGS1385XF	1.3	122.3	5.2	43.2	1.8	2016	18.3	36.6	55.1	91.1	84.1	--
Legacy Seeds	LS084-22 XF	0.8	116.0	4.0	39.7	1.8	2058	19.5	34.8	55.5	91.6	--	--
Legacy Seeds	LS092-22 E	0.9	115.5	3.7	35.7	1.3	2218	19.8	35.2	54.5	84.3	79.1	--
Mean			115.7	4.7	37.0	1.7	2088	19.0	35.8	55.3	84.28	--	--
C.V (%)			1.2	45.4	2.85t	9.73t	2	1.2	1.3	1.4	9.1	--	--
LSD 0.05			1.9	1.1	2.90 - 3.23	1.37 - 1.57	68	0.4	0.6	1.3	10.8	--	--
LSD 0.10			1.6	0.9	2.42 - 2.71	1.13 - 1.33	57	0.3	0.5	1.1	9.0	--	--

**Planting Date = May 25; Harvest Date = October 11; Previous Crop = Corn**

**t = highly variable data was transformed for statistical analysis and LSDs are reported as a range.**

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**Soybean - Irrigated, Roundup Ready Varieties** **Dickey County - Oakes (Page 2 of 2)**

Brand	Variety	Mat Group <sup>1</sup>	Days to PM Mat.	Pod Ht inch	Plant Ht inch	Plant Lodge <sup>2</sup> 0 to 9	Seeds/ Pound	Seed		Test Wt lb/bu	Seed Yield		
								Oil %	Protein %		2-yr. 2023	3-yr. Avg.	
Legacy Seeds	LS102-22 E	1.0	117.8	4.5	35.5	0.8	2260	19.0	35.6	55.0	92.2	86.9	--
Legacy Seeds	LS094-20 XF	0.9	113.5	4.4	39.0	0.5	2126	19.1	35.7	54.7	87.1	81.3	--
Legacy Seeds	LS124-23 XF	1.2	120.0	4.9	37.7	1.3	1979	18.0	36.7	55.8	85.8	--	--
Dyna-Gro Seed	S12EN72	1.2	122.3	4.2	35.5	2.3	1820	18.4	37.4	55.3	92.3	84.4	84.2
Dyna-Gro Seed	S12XF92	1.2	119.8	4.4	36.7	1.0	2101	18.7	36.0	55.1	92.7	86.6	87.7
Dyna-Gro Seed	S09EN53	0.9	117.5	4.0	36.5	0.3	2158	19.1	35.5	55.0	94.7	86.6	--
Paloma	PL2E093	0.9	119.3	5.2	38.7	2.0	1843	18.8	35.8	55.4	89.9	--	--
Paloma	PL2E101	1.0	118.5	4.9	36.7	0.8	2244	18.7	35.7	54.8	88.7	82.0	--
Mean			115.7	4.7	37.0	1.7	2088	19.0	35.8	55.3	84.28	--	--
C.V (%)			1.2	45.4	2.85t	9.73t	2	1.2	1.3	1.4	9.1	--	--
LSD 0.05			1.9	1.1	2.90 - 3.23	1.37 - 1.57	68	0.4	0.6	1.3	10.8	--	--
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<sup>1</sup>Maturity group based on data provided by seed company.

<sup>2</sup>Plant lodge: 0 = no lodging; 9 = plants lying flat.