

**NDSU Carrington Research Extension Center and Oakes Irrigation Research Site
2024 Variety Trial Data**

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

Brand	Variety	Mat Group ¹	Days to			Plant Lodge ² 1 to 9	Seeds/ Pound	Seed		Test Wt lb/bu	Seed Yield		
			PM Mat.	Pod Ht	Plant Ht			Oil %	Protein %		2-yr. Avg. 2024	3-yr. Avg.	
NDSU	ND21008GT20	00.8	108.0	4.5	28.3	7.0	2575	19.3	35.0	56.4	47.8	--	--
NDSU	ND2108GT73	0.8	122.0	4.3	33.3	4.0	2496	18.8	35.8	55.5	67.0	73.6	73.1
NDSU	ND17009GT	00.9	112.0	5.0	34.3	4.9	2214	19.8	37.0	56.7	48.7	54.9	54.4
Legacy Seeds	LS094-24 XF	0.9	122.8	5.3	36.5	3.4	2185	18.4	36.7	55.7	80.6	--	--
Legacy Seeds	LS092-22 E	0.9	121.5	5.0	32.3	6.2	2500	20.0	35.2	55.3	74.4	79.4	77.5
Legacy Seeds	LS082-24 E	0.8	120.3	6.0	37.8	2.3	1856	19.8	35.2	55.7	71.0	--	--
Legacy Seeds	LS102-22 E	1.0	122.8	5.8	35.0	1.6	2518	19.1	36.2	54.6	75.2	83.7	83.0
Legacy Seeds	LS104-24 XF	1.0	121.8	5.0	38.3	4.2	2272	19.2	34.8	55.2	79.9	--	--
Legacy Seeds	LS124-23 XF	1.2	122.8	5.3	38.0	1.4	2153	18.8	35.9	55.3	75.2	--	--
Legacy Seeds	LS132-24 E	1.2	123.5	4.8	34.0	5.3	2291	20.7	34.8	54.1	78.3	--	--
Mean			120.1	5.1	34.5	4.1	2306	19.3	35.7	55.5	69.1	--	--
C.V. (%)			0.7	17.2	6.1	14.92t	2	0.9	0.8	0.8	7.8	--	--
LSD 0.10			1.0	1.1	2.6	0.79 - 1.94	55	0.2	0.3	0.6	6.4	--	--
LSD 0.05			1.3	1.3	3.1	0.98 - 2.28	66	0.3	0.4	0.7	7.7	--	--

Planting date = May 16; Harvest date = October 1; Previous crop = corn

¹Maturity group based on data provided by seed company.

²Plant lodge: 1 = no lodging; 9 = plants lying flat.

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