

**Oakes Irrigation Research Site and NDSU Carrington Research Extension Center
2019 Variety Trial Data**

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

Brand	Variety	Trait	Mat Group ¹	Days to PM Mat.	Plant Lodge ²	Seeds/ Pound	Seed Oil ³	Seed Protein ³	Test Wt	----- Seed Yield -----		
										2019	2-yr. Avg.	3-yr. Avg.
						0 to 9	%	%	lb/bu	-----	bu/ac	-----
Dairyland Seed	DSR-0717E	Enlist	0.7	113.5	2.5	2510	18	35.48	55.9	68.13	--	--
Dairyland Seed	DSR0847E	Enlist	0.8	121.3	2.5	2437	18	34.4	56.3	82.4	--	--
Dairyland Seed	DSR0988-R2Y	RR2Y	0.9	116.3	2.5	2675	18	34.1	56.3	75.3	--	--
Dairyland Seed	DSR-1120/R2Y	RR2Y	1.1	121.5	4.3	2220	19	34.6	56.2	68.1	78.2	74.6
Dyna-Gro	S09XT50	RR2XT	0.9	121.0	1.3	2631	17	35.5	57.1	71.9	--	--
Dyna-Gro	S11EN40	Enlist	1.1	124.5	3.3	2615	17	35.2	57.6	72.9	--	--
Dyna-Gro	S11XT78	RR2XT	1.1	117.5	3.3	2377	18	35.2	57.1	73.3	67.6	66.6
Dyna-Gro	S13XT89	RR2XT	1.3	118.8	3.0	2644	18	34.7	55.9	72.5	--	--
Dyna-Gro	S14EN90	Enlist	1.4	127.3	4.0	2219	18	34.6	56.3	71.6	--	--
Integra Seed	50850N	RR2XT	0.8	114.5	1.5	2472	18	35.6	56.2	67.9	70.2	--
Integra Seed	51229N	RR2XT	1.2	123.8	3.0	2557	18	34.7	55.9	72.5	--	--
Legacy Seeds	LS-0830NRR2X	RR2XT	0.8	118.3	1.0	2696	17	35.2	56.6	71.4	--	--
Legacy Seeds	LS-1138N RR2X	RR2XT	1.1	118.5	2.5	1837	14	26.3	43.1	51.7	66.9	68.8
Legacy Seeds	LS-1220N E3	Enlist	1.2	127.0	3.8	2224	18	34.7	56.3	70.4	--	--
LG Seeds	C1000RX	RR2XT	1	120.8	2.5	2411	18	35.1	56.7	49.6	66.9	--
LG Seeds	LGS1118RX	RR2XT	1.1	118.5	1.3	2574	18	33.3	56.8	70.7	--	--
LG Seeds	LGS13377RX	RR2XT	1.3	122.3	3.5	2471	18	34.6	56.9	72.0	76.8	--
LG Seeds	LGS1575RX	RR2XT	1.5	121.0	1.8	2714	18	34.6	56.8	69.7	78.7	--
P3 Genetics	1910EN	Enlist	1	116.8	1.5	2470	18	35.5	56.3	68.9	--	--
Proseed	EL 80-93	Enlist	0.9	114.8	1.5	2457	18	35.2	56.2	52.9	--	--
Proseed	EL 81-13	Enlist	1.1	115.3	1.5	2500	18	35.0	56.7	72.7	--	--
Proseed	EL 91-23	Enlist	1.2	124.5	3.3	2582	17	35.1	57.0	72.0	--	--
Proseed	EL 91-33	Enlist	1.3	129.5	4.0	2230	18	34.4	57.0	79.2	--	--
Proseed	XT 90-90	RR2XT	0.9	121.0	1.5	2659	17	35.1	56.5	74.8	--	--
REA Hybrids	RX0929	RR2XT	0.9	113.8	1.5	2590	17	35.7	56.5	68.2	76.1	--
REA Hybrids	RX1030	RR2XT	1	116.5	1.3	2449	18	35.2	56.0	73.9	--	--
REA Hybrids	RX1439	RR2XT	1.4	124.3	2.3	2329	18	35.2	56.5	71.9	80.4	--
REA Hybrids	RX1529	RR2XT	1.5	128.0	1.3	2655	18	35.1	55.9	76.2	--	--
Mean				120.4	2.4	2472	17.7	34.6	56.0		--	--
C.V (%)				2.8	45.8	10	9.3	9.3	9.4	16.4	--	--
LSD 0.10				3.9	1.3	281	1.9	3.8	6.2	13.4	--	--
LSD 0.05				4.6	1.5	336	2.3	4.5	7.4	16.1	--	--

Planting Date = May 30; Harvest Date = October 28; Previous Crop = Field Corn

¹ Maturity group based on data provided by seed company.

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

³ Seed oil and protein contents reported at 13% moisture.