

**NDSU Carrington Research Extension Center and Oakes Irrigation Research Site
2018 Variety Trial Data**

Soybean - Irrigated, Conventional Varieties **Dickey County - Oakes**

Brand	Variety	Mat Group ¹	Days to PM Mat.	Plant Lodge ² 0 to 9	Seeds/ Pound	Seed Oil %	Seed Protein %	Test Wt lb/bu	----- Seed Yield -----		
									2018	2-yr. Avg.	3-yr. Avg.
									bu/ac	bu/ac	bu/ac
Conventional											
NDSU	ND Bison	0.7	109.8	2.5	2480	18.2	34.2	56.9	76.7	74.6	--
NDSU	ND Benson	0.4	108.0	1.3	2805	18.2	35.7	56.0	64.2	63.0	--
NDSU	ND Stutsman	0.7	110.0	4.0	2596	18.4	33.7	57.0	84.0	85.4	--
NDSU	Ashtabula	0.4	105.8	6.0	2730	19.6	33.0	55.4	63.3	64.3	--
NDSU	Sheyenne	0.7	110.3	5.0	2553	18.1	34.4	56.9	74.7	76.6	--
Richland IFC	MK0603	0.6	111.0	7.0	4788	16.3	35.9	56.4	59.1	57.3	51.9
Richland IFC	MK42	0.7	109.8	7.5	2207	17.4	37.1	56.7	65.2	--	--
Richland IFC	MK0508	0.8	111.0	7.3	5264	17.0	33.7	57.7	48.8	47.7	45.6
Richland IFC	MK808CN	0.8	110.5	6.8	2959	19.1	33.1	57.0	60.6	60.7	56.1
Richland IFC	MK1016	1.0	110.8	5.0	4988	16.2	36.5	57.7	60.4	56.2	48.8
Richland IFC	MK9101	1.0	112.0	4.5	2004	19.5	34.3	56.3	68.9	67.9	61.3
Richland IFC	MK146	1.1	112.8	4.8	2454	17.8	37.0	56.8	80.2	--	--
Richland IFC	MK41	1.1	107.0	6.8	2232	17.3	36.9	56.4	76.7	75.8	69.3
Liberty Link											
Integra	31228NLL	1.2	119.3	5.5	2040	17.7	36.5	56.3	88.4	--	--
Mean			109.9	5.3	3081	17.9	35.0	56.7	67.9	--	--
C.V (%)			1.1	17.3	3.1	1.5	1.1	0.9	8.0	--	--
LSD 0.10			1.4	1.1	113.9	0.3	0.4	0.6	6.3	--	--
LSD 0.05			1.7	1.3	136.51	0.4	0.5	0.8	7.6	--	--

Planting Date = May 25; Harvest Date = October 22 and 23; 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.