

**NDSU Carrington Research Extension Center
2018 Variety Trial Data**

Soybean - Conventional and Liberty Link Varieties **Barnes County - Dazey**

Brand	Variety	Type	Mat. Group ¹	Days to PM ²	Pod Ht inch	Plant Ht inch	Plant Lodge 0 to 9	Seeds/ pound	Seed Oil ³ %	Seed Protein ³ %	Test Weight lb/bu	----- Seed Yield -----		
												2018	2-yr. Avg.	3-yr. Avg.
NA	RR Check	Conv	00.9	97.8	3.9	35.5	1.0	3134	18.9	34.3	56.6	60.2	55.9	57.2
NA	RR Check	Conv	00.6	97.5	4.6	39.8	1.8	2973	18.8	34.9	56.1	56.9	56.3	55.5
NA	RR Check	Conv	00.8	98.0	4.9	32.7	0.5	3463	18.5	35.2	56.4	58.1	--	--
NDSU	ND Henson	Conv	0.0	100.3	3.1	31.7	0.8	3716	18.5	36.1	57.6	57.8	56.0	57.0
NDSU	ND Bison	Conv	0.7	108.3	3.8	33.2	0.8	2848	19.0	33.7	56.4	73.4	67.3	67.4
NDSU	ND Benson	Conv	0.4	107.5	4.6	36.2	1.3	3267	18.8	36.1	56.3	63.6	60.0	59.6
NDSU	ND Stutsman	Conv	0.7	108.8	5.2	40.9	1.8	3353	19.1	33.3	56.9	62.1	62.8	65.0
Asgrow	AG 0832	Conv	0.9	111.5	4.7	39.5	1.3	2423	18.8	35.6	55.2	73.2	68.0	69.8
NDSU	Ashtabula	Conv	0.4	104.0	4.8	38.7	1.3	3556	19.0	34.8	56.5	59.4	55.9	57.3
NDSU	Sheyenne	Conv	0.7	106.5	5.3	44.2	1.8	3123	18.5	34.8	56.6	67.3	61.7	62.2
Richland IFC	MK0249	Conv	0.2	106.5	3.9	35.5	1.5	4590	17.7	34.9	56.0	54.1	52.1	53.9
Richland IFC	MK0603	Conv	0.6	113.8	3.1	35.9	1.8	4574	16.7	36.7	55.2	54.5	49.4	50.9
Richland IFC	MK42	Conv	00.7	108.3	4.1	34.4	1.8	2468	17.5	37.7	56.7	63.1	--	--
Richland IFC	MK0508	Conv	0.8	113.0	4.8	36.6	3.0	4355	17.0	36.4	57.0	58.3	53.7	52.5
Richland IFC	MK808CN	Conv	0.8	110.5	4.6	41.6	2.8	3116	19.0	34.4	56.5	72.2	64.3	64.0
Richland IFC	MK1016	Conv	1.0	111.0	4.5	39.7	2.5	4786	17.0	36.6	56.7	58.4	52.8	52.9
Richland IFC	MK9101	Conv	1.0	113.3	3.8	39.5	1.5	2194	na	na	56.3	64.6	56.6	56.5
Richland IFC	MK146	Conv	1.1	113.5	3.9	35.0	0.8	2586	17.6	37.9	55.3	70.3	--	--
Richland IFC	MK41	Conv	1.1	108.8	2.5	35.4	2.0	2802	17.1	36.8	56.4	64.3	59.5	62.9
Thunder	5605 LLN	LL	0.5	110.3	3.6	33.3	1.3	2576	19.3	35.5	55.8	72.1	--	--
Thunder	5707 LLN	LL	0.7	111.8	5.1	36.8	1.0	2447	17.6	34.6	56.9	72.5	--	--
Integra	30808N	LL	0.8	111.8	2.6	35.8	1.0	2648	17.7	34.2	56.7	72.7	--	--
MEAN				107.6	4.2	37.0	1.5	3222	18.4	35.3	56.5	65.1	--	--
C.V. (%)				1.4	32.4	7.9	75.0	4.6	1.8	1.7	1.1	8.1	--	--
LSD 0.10				1.8	NS	3.4	NS	175	0.4	0.7	0.7	6.1	--	--
LSD 0.05				2.1	NS	4.1	NS	209	0.5	0.8	0.8	7.3	--	--

Planting Date = May 21 ; Harvest Date = September 25 ; Previous Crop = Spring Wheat

¹ Maturity group based on data provided by seed company.

² Days to PM: average of 108 = September 6.

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