

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

Soybean - Dryland, Conventional and Liberty Link Varieties	Carrington
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----- Seed Yield -----

Brand	Variety	Mat. Group ¹	Days to PM ²	Pod Ht	Plant Ht	Plant Lodge	Seeds/ pound	Seed Protein ³	Seed Oil ³	Test Weight	2-yr. Avg.	3-yr. Avg.	
				inch	inch	0 to 9		%	%	lb/bu	----- bu/ac	-----	
NA	RR Check 1	00.9	98.3	3.8	32.4	0.8	3716	36.2	17.9	58.6	25.4	32.5	--
NA	RR Check 2	00.6	97.8	3.3	29.5	1.0	3345	36.4	18.0	58.0	22.6	32.1	--
NA	RR Check 3	00.8	95.8	3.4	27.8	2.8	3895	37.5	17.5	58.2	25.1	--	--
NDSU	ND Henson	0.0	97.8	3.4	28.7	1.0	4463	37.6	17.3	58.9	22.6	31.8	38.7
NDSU	ND Bison	0.7	104.8	3.4	25.8	0.5	4262	36.9	17.4	58.7	21.3	38.6	--
NDSU	ND Benson	0.4	105.8	3.7	28.2	0.8	4243	39.1	17.4	58.6	21.3	34.3	41.5
NDSU	ND Stutsman	0.7	102.8	4.2	31.9	0.3	4446	37.5	17.3	58.9	24.8	43.5	51.1
NA	RR Check 4	0.9	108.0	4.4	31.9	1.5	3249	37.9	17.6	57.4	19.6	33.9	--
NDSU	Ashtabula	0.4	99.3	4.1	33.3	1.0	4620	36.9	17.8	58.6	25.4	36.9	45.4
NDSU	Sheyenne	0.7	104.5	5.1	31.6	0.5	4011	38.0	17.1	58.7	27.6	42.4	49.4
Richland IFC	MK0249	0.2	106.3	4.5	25.7	0.0	5622	38.4	15.9	58.8	20.1	32.7	40.5
Richland IFC	MK0603	0.6	108.3	4.4	30.5	0.8	5600	38.7	15.0	58.3	14.8	29.5	36.6
Richland IFC	MK42	00.7	105.3	4.5	29.4	0.8	3247	40.4	16.3	58.3	18.4	--	--
Richland IFC	MK0508	0.8	108.5	4.8	26.3	0.5	5308	38.5	15.8	59.2	10.5	26.0	35.2
Richland IFC	MK808CN	0.8	107.0	3.1	29.8	0.3	4356	37.2	17.6	58.7	15.3	35.5	43.0
Caldbeck Consulting	ATSOY062234		93.3	4.2	34.4	1.5	3589	37.1	18.3	58.0	23.2	--	--
Caldbeck Consulting	ATSOY111298		105.3	3.0	30.8	0.3	3574	39.3	17.0	58.1	12.8	--	--
Caldbeck Consulting	ATSOY102408		94.0	3.7	34.4	2.3	3461	37.8	18.0	58.6	23.4	--	--
Caldbeck Consulting	ATSOY0825X2		94.5	2.9	24.9	0.5	4156	39.9	15.2	59.5	18.1	--	--
Caldbeck Consulting	ATSOY082500		90.0	2.5	30.7	2.7	4169	38.6	17.3	59.0	14.9	--	--
Caldbeck Consulting	ATSOY080668		93.3	3.1	30.2	0.0	4240	35.9	18.5	57.8	23.1	--	--
Caldbeck Consulting	ATSOY110978		93.8	3.3	30.7	0.8	3348	36.6	18.7	58.3	21.9	--	--
Caldbeck Consulting	ATSOY121302		87.8	4.2	28.5	3.8	4662	34.7	19.0	57.5	25.3	--	--
Thunder	5803 LL	0.3	106.3	5.2	27.3	1.3	3826	38.4	17.7	57.9	21.5	--	--
Thunder	5605 LLN	0.5	106.0	4.8	24.6	1.0	4132	38.8	17.5	58.5	16.8	--	--
Thunder	5707 LLN	0.7	106.3	2.8	25.0	1.0	3540	38.0	16.0	58.8	16.2	--	--
MEAN			101.5	3.9	29.0	0.9	4237	38.0	17.2	58.5	19.9	--	--
C.V. (%)			1.2	36.6	11.4	64.2	4.6	1.6	2.1	0.6	26.6	--	--
LSD 0.10			1.4	NS	3.9	0.7	231	0.7	0.4	0.4	6.2	--	--
LSD 0.05			1.7	NS	4.6	0.8	276	0.9	0.5	0.5	7.5	--	--

Planting Date = May 23 ; Harvest Date = September 17 ; Previous Crop = Spring Wheat

¹ Maturity group based on data provided by seed company.

² Days to PM: average of 102 = September 2.

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

Data includes only released varieties. Experimental lines are not included. Statistics reflect the entire trial.