

**NDSU Carrington Research Extension Center
2011 Variety Trial Data**

Soybean - Irrigated, Conventional Varieties	Carrington
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Brand	Variety	Mat. Group ¹	Days to PM ²	Pod Ht cm	Plant Ht inch	Seeds/ pound	Seed Oil ³ %	Protein ³ %	Test Weight lb/bu	----- Seed Yield -----	
										2011 bu/ac	3-yr. Avg.
NDSU	Cavalier	00.7	112.5	11	27.4	2989	19.8	32.1	57.1	41.7	54.7
NDSU	Ashtabula	0.4	118.0	14	32.3	3388	20.8	30.3	57.4	57.3	63.1
NDSU	Traill	0.0	112.5	11	30.7	3302	19	34	57.6	43.7	53.2
NDSU	Sheyenne	0.8	.	17	35.0	3409	19.8	30.2	57.9	61.3	65.6
NDSU	ProSoy	0.8	.	16	34.3	3398	18.2	35.9	57.1	49.6	49.8
NDSU	ND1005T	0.5	115.8	12	30.9	2947	18.5	36.8	57.9	43.6	51.2
SunOpta	Bravado	00.9	114.8	17	32.5	3326	19.5	32.1	57.2	58.0	61.5
SunOpta	Valor	00.9	114.8	13	34.8	3205	18.9	33.3	57.6	49.3	56.8
SunOpta	Excalibur	0.5	114.5	12	31.3	3034	18.4	36.7	57.6	42.1	--
SunOpta	SO-0070	0.5	117.5	11	31.9	2744	18.9	35.8	57.5	43.6	52.0
MEAN			115.0	13.8	32.4	3237	19.3	33.2	57.5	50.0	--
C.V. (%)			0.9	15.5	6.0	2.9	1	0.9	0.5	4.3	--
LSD 0.05			1.5	3.1	2.8	137	0.3	0.4	0.4	3.1	--

Planting Date = May 19 ; Harvest Date = October 3 ; Previous Crop = Spring Wheat

¹ Maturity group based on data provided by seed company.

² Days to PM: average of 115 = September 11. The soybean varieties with PM (days to physiological maturity) noted had reached PM on at least 2 replicates at the time of the occurrence of 2 consecutive days of freezing temperatures.

³ Seed oil and protein contents reported on a 13% moisture basis.

* This trial was impacted by a hail storm on July 24, damage appeared uniform, subsequent yield loss was determined minimal.