

**NDSU Carrington Research Extension Center
2017 Variety Trial Data**

Non-Oilseed Sunflower **Carrington**

Brand	Hybrid	Tech Traits	Plant Height inch	Plant Lodge 0 to 9	Days to Bloom	Days to PM	Seeds >22/64 %	Seeds >20/64 %	Seeds >18/64 %	Harvest Moist. %	Test Weight lb/bu	----- Seed Yield -----		
												2017 ¹	2-yr. Avg. lb/ac	3-yr. Avg. lb/ac
USDA	924	Traditional	54.7	1.5	68.0	129.5	35.7	61.0	80.7	10.4	24.6	1484	1547	1583
Valia Genetics	Valia 41	Traditional	57.8	1.0	71.8	132.0	69.6	87.6	95.4	10.7	23.3	1976	--	--
Red River Commodities	2215	Traditional	57.1	1.5	69.0	130.8	57.8	84.5	92.9	10.3	23.5	1677	1727	1720
Red River Commodities	2215CL	Clearfield	63.1	2.3	72.5	136.3	66.3	84.0	91.4	12.8	22.4	1723	1714	1679
Red River Commodities	2217CP	Traditional	53.5	2.0	74.0	136.5	72.5	86.4	93.2	11.8	21.8	1609	--	--
Nuseed	Panther DMR	NuSun	53.9	1.3	67.0	128.5	34.1	62.5	86.5	11.0	24.1	1897	1900	1839
Nuseed	NSKM53777	NuSun	48.4	0.5	68.0	129.5	57.5	82.0	92.7	10.5	22.2	1711	--	--
Nuseed	4334	NuSun	56.1	0.8	71.0	132.0	62.1	85.2	95.3	11.1	21.6	1769	--	--
Sunopta	9524	Traditional	62.0	1.3	71.8	136.3	83.4	92.1	95.6	11.4	22.2	1843	2041	1977
Sunopta	9510	Traditional	62.7	1.5	70.5	130.5	76.7	89.6	94.5	10.5	22.7	1803	--	--
Sunopta	9553	Traditional	61.0	2.0	71.0	132.3	79.6	90.4	93.8	10.3	20.6	1752	--	--
Sunopta	9549	Traditional	48.0	0.8	68.3	129.5	64.7	83.9	92.7	10.3	19.9	1592	--	--
MEAN			57.1	1.5	70.6	132.6	63.5	82.9	92.1	10.9	22.4	1735	--	--
C.V. (%)			6.4	52.4	0.7	0.8	13.1	6.7	3.2	8.2	4.4	14.3	--	--
LSD 0.10			4.4	0.9	0.6	1.3	9.9	6.6	3.6	1.1	1.2	NS	--	--
LSD 0.05			5.2	1.1	0.7	1.6	11.9	8.0	4.3	1.3	1.4	NS	--	--

Planting Date = May 25 ; Harvest Date = November 3 ; Previous Crop = Field Pea

¹ The trial did experience a moderate amount of bird predation, yields are projected to be about 15 to 20% higher than the reported seed yields.