

**NDSU Carrington Research Extension Center
2019 Variety Trial Data**

Non-Oilseed Sunflower	Carrington
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----- Seed Yield -----

Brand	Hybrid	Type	Plant Height inch	Days to Bloom	Days to PM	Seeds >22/64 %	Seeds >20/64 %	Seeds >18/64 %	Harvest Moist. %	Test Weight lb/bu	2019 ----- lb/ac	2-yr. Avg. lb/ac	3-yr. Avg. lb/ac
USDA	924	Check Hybrid	63.7	70.8	115.8	32.8	65.6	81.8	15.8	20.2	889	1290	1355
Red River Commodities	2215	NuSun/Conv.	66.0	70.8	114.3	57.0	82.1	91.2	15.6	19.1	1243	1760	1732
Red River Commodities	2215 CL	NuSun/Clearfield	63.0	70.8	117.3	63.2	84.6	93.5	16.4	19.8	1233	1481	1562
Red River Commodities	2310	NuSun/Conv.	71.6	70.8	114.8	87.7	93.8	97.0	16.5	19.6	1737	1584	--
Red River Commodities	2414	NuSun/Conv.	70.0	71.3	121.3	82.6	91.3	96.0	16.9	19.2	1477	1594	--
Nuseed	NSKM53777	Trad./Clearfield	65.2	67.0	113.0	62.1	81.7	90.6	15.3	19.4	1330	1396	1501
Nuseed	X4334	Trad./Clearfield	61.2	70.3	115.5	76.7	89.1	93.8	15.8	18.9	1549	1403	1525
Sunopta	9583CLP	NuSun/Clearfield	65.6	69.5	119.8	80.0	88.2	93.8	16.0	21.4	1999	--	--
Valia Genetics	Valia 41	Traditional	66.0	71.0	119.3	73.4	86.5	93.4	18.6	18.8	1857	1688	1784
Valia Genetics	H9811 EXP	Traditional	64.6	70.3	113.3	67.1	83.4	92.3	16.5	18.8	1134	1432	--
Valia Genetics	H9814EXP	Traditional	64.8	71.0	120.3	83.1	87.8	93.4	17.3	17.3	1876	--	--
MEAN			65.6	70.4	116.9	71.3	85.9	93.0	16.5	19.1	1480	--	--
C.V. (%)			9.6	1.4	2.1	15.1	6.6	3.7	8.7	6.9	20.0	--	--
LSD 0.10			NS	1.2	3.0	15.2	8.0	4.9	NS	NS	415	--	--
LSD 0.05			NS	1.4	3.6	18.4	9.7	5.9	NS	NS	502	--	--

Planting Date = May 30 ; Harvest Date = November 14 ; Previous Crop = Durum

* One rep was abandoned for yield and quality determination due to damage caused by heavy snowfall.