

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

Non-Oilseed Sunflower	Carrington
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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	Seed Yield		
											2018	2-yr. Avg. lb/ac	3-yr. Avg.
Sunopta	9553	Traditional	65.6	65.0	107.0	20.7	50.4	69.2	11.2	24.2	1620	1686	--
Sunopta	9510	Traditional	67.5	63.0	103.5	2.4	33.6	66.4	10.5	24.2	1248	1525	--
Red River Commodities	2215	Traditional	64.6	63.5	105.3	3.9	33.0	65.8	10.6	24.8	2276	1976	1910
Red River Commodities	2215 CL	Trad./Clearfield	65.0	66.0	107.8	2.9	24.6	56.1	11.8	24.9	1730	1727	1720
Red River Commodities	2310	Traditional	66.0	63.0	103.5	2.6	40.2	65.6	10.9	24.0	1431	--	--
Red River Commodities	2414	Traditional	71.0	65.5	106.8	15.8	43.8	69.8	11.6	24.3	1710	--	--
Valia Genetics	Valia 41	Traditional	64.0	66.0	108.5	12.8	31.4	54.8	12.4	26.3	1518	1747	--
Valia Genetics	Valia 73	Traditional	63.4	64.0	103.5	16.1	43.1	60.0	10.5	22.5	1202	--	--
Valia Genetics	H9811EXP	Traditional	66.1	65.0	106.8	6.4	41.8	62.8	11.1	25.2	1730	--	--
Nuseed	Panther DMR	NuSun	57.1	58.0	98.8	0.5	16.1	59.4	9.9	24.7	1793	1845	1864
Nuseed	NSKM53777	NuSun/Clearfield	56.0	60.5	105.3	1.5	24.2	59.0	10.9	24.9	1462	1587	--
Nuseed	4334	NuSun/Clearfield	60.9	63.8	106.8	1.2	34.5	60.9	11.0	24.6	1257	1513	--
Valia Genetics	H9812EXP	Traditional	69.0	64.3	105.0	11.7	46.6	63.9	10.5	23.8	1743	--	--
MEAN			63.9	63.5	105.3	7.4	34.8	61.6	11.0	24.7	1601	--	--
C.V. (%)			7.8	0.6	1.1	127.0	42.0	21.6	5.1	2.5	15.1	--	--
LSD 0.10			6.0	0.4	1.4	11.2	17.4	NS	0.7	0.7	289	--	--
LSD 0.05			7.2	0.5	1.7	13.5	21.0	NS	0.8	0.9	347	--	--

Planting Date = June 5 ; Harvest Date = October 29 ; Previous Crop = Flax