

**NDSU Carrington Research Extension Center
2013 Variety Trial Data**

Non-Oilseed Sunflower

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Brand	Hybrid	Tech Traits	Plant Height inch	Plant Lodge 0 to 9	Days to Bloom	Days to PM ⁻¹	Seeds >22/64 %	Seeds >20/64 %	Seeds >18/64 %	Harvest Moist. %	Test Weight lb/bu	---- Seed Yield ---	
												2013 ----- lb/ac -----	2-yr. Avg.
Nuseed Global	NHW11904	DM	62.2	0.0	65.3	106.5	63.6	18.7	8.9	10.8	20.2	1486	--
Nuseed Global	5009	N/A	70.3	0.5	71.8	119.3	42.4	22.6	20.9	14.5	22.7	1620	--
Nuseed Global	NHW11928	N/A	65.2	0.0	65.5	106.5	51.8	23.4	15.6	12.9	21.5	1531	--
Nuseed Global	NHW12706	DM	66.0	0.5	73.8	120.0	24.3	32.9	25.3	16.6	24.7	1611	--
Nuseed Global	NHW11915	N/A	70.7	1.5	73.5	120.0	41.1	26.4	19.7	23.0	23.0	1483	--
Nuseed Global	NHW12725	DM	59.4	0.0	62.0	105.0	43.5	31.0	16.1	9.4	21.2	1676	--
Nuseed Global	NHW10403	N/A	69.0	0.3	71.8	117.8	55.0	21.8	14.6	15.1	21.8	1607	--
Nuseed Global	X98578	N/A	68.9	0.3	72.0	118.5	62.9	17.5	12.0	13.5	21.1	1938	--
Nuseed Global	NHW12717	N/A	72.6	1.0	74.5	119.5	25.3	31.2	26.3	15.5	24.1	1353	--
Nuseed Global	X3939	N/A	66.8	0.0	67.8	109.8	43.1	26.5	21.7	10.7	22.5	1676	--
Nuseed Global	NHW12709	N/A	61.8	0.0	65.3	106.3	52.7	25.1	14.6	10.7	21.4	1802	--
Nuseed Global	X4417	N/A	62.2	0.0	63.0	105.5	71.4	16.7	6.3	9.4	18.7	1558	--
Nuseed Global	11921	N/A	72.8	0.8	73.0	120.0	47.6	24.4	15.8	17.4	22.8	1433	--
Red River Commodities	2215	N/A	68.6	0.5	68.0	110.0	41.5	32.5	17.8	12.3	23.2	2532	2338
Red River Commodities	2215CL	CL	68.7	1.5	73.0	118.8	48.7	29.3	15.2	13.4	23.1	1558	2005
Red River Commodities	2217CP	CL Plus	65.6	1.8	72.5	118.3	52.0	23.7	15.7	14.6	21.0	1548	1468
Red River Commodities	8015	N/A	64.2	0.3	70.5	116.8	63.8	16.8	11.3	12.8	19.3	2016	--
Genosys	12GCF05	N/A	66.1	0.8	72.5	119.5	59.7	18.9	10.6	14.2	22.1	1584	1396
Genosys	12GCF12	N/A	72.3	0.8	72.0	115.5	67.2	13.8	6.6	12.2	20.8	1794	--
Nuseed/Seeds 2000	JAGUAR	CL	57.1	0.3	63.5	105.5	49.9	23.8	16.5	10.8	21.6	1442	1896
Nuseed/Seeds 2000	JAGUAR II	CL	59.4	0.0	63.8	106.8	54.6	20.4	11.7	10.6	21.3	1543	1897
Nuseed/Seeds 2000	JAGUAR DMR	CL	59.3	0.0	62.0	105.5	50.6	26.9	13.6	10.0	21.8	2030	2212
Nuseed/Seeds 2000	JAGUAR XL	CL	65.7	0.0	68.3	112.5	45.6	23.2	18.7	12.8	20.9	1198	--
MEAN			64.9	0.5	69.0	113.6	53.0	22.9	14.4	12.9	21.6	1680	--
C.V. (%)			5.6	115.0	1.7	1.7	22.1	23.7	35.1	12.3	3.1	17.2	--
LSD 0.10			4.1	0.7	1.3	2.3	13.6	6.3	5.9	1.8	0.8	340	--
LSD 0.05			5.1	0.8	1.6	2.8	16.4	7.6	7.1	2.2	0.9	407	--

Planting Date = June 6 ; Harvest Date = November 13 ; Previous Crop = Spring Wheat

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												2013 ----- lb/ac -----	2-yr. Avg.
Nuseed/Seeds 2000	X4334	CL	60.8	0.3	70.5	116.8	56.0	23.0	12.5	11.6	21.3	1478	1642
Nuseed/Seeds 2000	X9180	ExpressSun	63.9	0.0	66.0	109.3	29.7	33.8	21.6	11.4	22.2	1742	--
Nuseed/Seeds 2000	NSK12M048	CL	61.0	0.5	65.0	107.5	80.3	8.9	5.3	11.9	19.3	1299	--
Nuseed/Seeds 2000	NSK12M045	CL	58.1	0.0	64.3	106.3	73.8	15.7	6.9	10.3	19.8	1522	--
Nuseed/Seeds 2000	NSK12M047	CL	63.0	0.8	68.0	114.0	65.1	19.6	8.7	11.1	22.7	1847	--
Mycogen Seeds	8C451CP	CL	68.5	0.8	72.8	118.5	52.8	24.3	14.3	12.2	21.1	2042	1969
Sunopta/Dahlgren	9589CL	CL	63.6	0.5	68.5	113.3	32.0	27.4	24.7	11.7	21.8	1251	--
Sunopta/Dahlgren	9521	N/A	67.3	1.0	71.0	117.3	54.1	27.5	11.7	13.6	23.3	2531	--
Sunopta/Dahlgren	9592CL+	CL Plus	61.8	1.0	73.5	118.8	64.2	19.1	10.5	14.4	21.2	1671	--
Sunopta/Dahlgren	9579	N/A	64.2	1.0	70.8	117.0	71.5	14.6	9.3	13.3	19.2	1934	--
Sunopta/Dahlgren	9530CL	CL	67.7	1.3	73.0	119.0	58.8	21.9	10.2	14.7	22.5	1890	2104
MEAN			64.9	0.5	69.0	113.6	53.0	22.9	14.4	12.9	21.6	1680	--
C.V. (%)			5.6	115.0	1.7	1.7	22.1	23.7	35.1	12.3	3.1	17.2	--
LSD 0.10			4.1	0.7	1.3	2.3	13.6	6.3	5.9	1.8	0.8	340	--
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