

**NDSU Carrington Research Extension Center
2014 Variety Trial Data**

Non-Oilseed Sunflower **Carrington (Page 1 of 2)**

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		
												2014	2-yr. Avg. lb/ac	3-yr. Avg.
CHS Royal Hybrid	12EXP01	ExpressSun	62.3	2.5	75.0	na	79.6	89.7	94.9	15.4	21.5	1545	--	--
CHS Royal Hybrid	14EXP01	N/A	61.8	2.3	72.0	na	81.1	92.8	95.6	13.6	23.8	1954	--	--
CHS Royal Hybrid	RH1121	N/A	64.2	2.0	74.3	na	73.0	87.8	93.8	14.2	23.3	1852	--	--
Genosys	12GCF05	N/A	61.8	2.5	76.0	na	61.2	77.9	87.6	15.4	22.0	1135	1359	1309
Genosys	12GCF07	N/A	64.9	1.8	76.5	na	64.1	81.3	89.9	14.9	21.6	1395	--	--
Genosys	12GCF12	N/A	69.8	5.3	77.0	na	69.9	80.4	86.0	12.8	19.9	1074	1434	--
Genosys	12GCF18	N/A	62.0	2.0	76.0	na	70.3	86.9	94.1	16.1	20.8	1284	--	--
Genosys	14GCF01	N/A	60.0	3.8	72.3	118.0	56.3	78.2	91.3	12.8	22.3	1428	--	--
Nuseed Global	5009	N/A	60.7	1.5	74.8	na	72.8	87.6	94.0	15.7	21.4	1477	1549	--
Nuseed Global	JAG	CL	54.0	1.8	68.3	na	65.7	84.8	93.8	13.4	21.6	1536	1489	1776
Nuseed Global	JAG DMR	CL	58.2	1.5	66.0	119.5	59.4	84.6	93.8	11.9	22.4	1782	1906	2068
Nuseed Global	JAG II	CL	57.6	2.3	69.0	125.0	61.7	78.9	91.4	12.8	21.3	1741	1642	1845
Nuseed Global	NHW12709	N/A	61.9	2.3	71.0	124.5	72.3	88.7	95.5	12.2	20.8	1785	1793	--
Nuseed Global	NHW12759	N/A	61.0	1.5	71.0	na	82.0	89.5	93.2	15.4	18.6	1212	--	--
Nuseed Global	NSK12M045	CL	59.5	1.3	70.0	123.8	73.4	86.8	93.6	13.3	20.6	1360	1441	--
Nuseed Global	NSK12M048	CL	65.2	2.8	71.5	125.3	88.7	93.8	95.4	14.4	20.2	1368	1334	--
Nuseed Global	X3939	N/A	63.8	1.8	71.3	125.3	53.8	74.3	86.4	13.5	23.1	1613	1644	--
Nuseed Global	X4334	N/A	62.1	2.3	73.5	na	76.8	89.9	94.7	14.9	21.3	1670	1574	1651
Nuseed Global	X9180	ExpressSun	60.3	3.0	69.0	na	53.8	79.3	92.2	13.4	22.1	1425	1583	--
Nuseed Global	X98578 (PUM)	N/A	62.0	1.0	75.5	na	72.7	86.2	93.4	14.0	20.8	1486	1712	--
Red River Commodities	2215	N/A	64.7	2.5	71.8	126.0	63.1	84.8	91.9	13.5	23.1	1977	2254	2217
Red River Commodities	2215 CL	CL	65.2	3.0	74.5	na	70.4	87.4	93.9	13.5	21.6	1660	1609	1890
Red River Commodities	2217 CP	CL Plus	64.2	3.3	74.8	na	64.3	80.4	90.0	12.7	20.7	1247	1397	1394
MEAN			62.1	2.3	72.7	123.5	68.4	84.0	91.8	14.0	21.6	1549	--	--
C.V. (%)			5.7	28.2	2.0	1.7	12.1	7.3	5.4	7.5	3.3	12.3	--	--
LSD 0.10			4.2	0.8	1.7	3.6	9.7	7.2	5.9	1.2	0.8	224	--	--
LSD 0.05			5.0	0.9	2.0	4.4	11.6	8.6	7.0	1.5	1.0	268	--	--

Planting Date = June 3 ; Harvest Date = October 29 ; Previous Crop = Spring Wheat

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SunOpta	9521	N/A	59.5	2.0	72.0	125.5	71.7	88.7	95.4	13.3	23.9	2072	2302	--
SunOpta	EX0019	N/A	67.0	2.3	72.0	125.5	72.3	85.5	91.2	13.0	20.1	1459	--	--
SunOpta	EX0030	ExpressSun	58.0	2.5	74.3	na	81.4	92.8	97.3	15.1	21.7	1936	--	--
SunOpta	EX0041	N/A	62.4	2.3	72.8	na	80.1	87.1	89.6	15.0	23.1	1975	--	--
SunOpta	EX024S	CL	67.7	2.0	77.5	na	72.8	80.8	84.9	15.5	19.8	1700	--	--
USDA	Hybrid 924	N/A	59.6	1.5	69.8	na	21.3	51.2	79.7	13.6	23.7	1055	--	--
MEAN			62.1	2.3	72.7	123.5	68.4	84.0	91.8	14.0	21.6	1549	--	--
C.V. (%)			5.7	28.2	2.0	1.7	12.1	7.3	5.4	7.5	3.3	12.3	--	--
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¹ The majority of hybrids did not reach physiological maturity at time of October 3 killing frost. Limited hybrids reached PM on at least 2 replicates.