

**NDSU Carrington Research Extension Center
2004 Variety Trial Data**

Non Oilseed Sunflower	Carrington
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--- Seed Yield -

Brand	Hybrid	White Mold %	Plant Lodge 0-9	Plant Height inch	Days to Bloom	Days to PM ¹	Seeds >18/64 %	Seeds >20/64 %	Seeds >22/64 %	Harvest Moisture %	Test Weight lb/bu	2004 ² ----- lb/ac	3-yr. Avg. -----
USDA	924	44	3.0	63	66.0	4.0	25	31	26	25.8	23.2	438	1378.3
Mycogen	8C416	48	3.5	66	74.0	4.0	9	22	60	28.5	19.7	552	--
Seeds 2000	Cougar	52	2.0	59	74.7	2.3	3	12	80	27.5	20.5	878	--
Seeds 2000	Bigfoot	77	2.5	65	73.7	3.0	16	25	48	23.8	22.3	1193	2073.0
Seeds 2000	Grizzly	82	2.0	67	80.0	4.7	11	42	41	32.2	20.0	1200	1924.3
Seeds 2000	X3670	45	4.3	60	76.0	4.3	3	6	85	28.3	19.4	555	--
Royal Hybrid	RH 118	61	1.8	68	76.3	5.0	19	31	39	29.6	21.2	909	--
Royal Hybrid	04-EXP01	28	3.5	66	73.7	4.0	25	33	27	30.0	20.9	240	--
Royal Hybrid	04-EXP02	64	1.8	63	77.3	4.7	6	10	79	29.7	19.4	598	--
Croplan Genetics	135	43	4.3	67	73.3	1.3	8	13	75	26.4	18.4	643	--
Croplan Genetics	EX822	59	3.0	66	72.3	2.7	4	7	80	25.6	18.9	961	--
Croplan Genetics	EX836	73	2.5	68	74.3	1.0	5	14	78	22.6	19.7	1130	--
Sigco Sun Products	Goliath RT	55	2.3	65	79.0	5.0	13	34	44	29.8	21.8	997	1445.3
Sigco Sun Products	SS 3938	65	1.5	64	76.7	3.0	25	36	24	25.8	22.5	1227	--
Sigco Sun Products	SS 3638	48	2.0	66	77.3	4.7	7	24	63	26.4	20.2	833	--
Triumph	707CLS	59	2.8	69	77.3	4.7	8	15	70	28.9	18.4	858	--
Triumph	700 CLST	61	3.3	69	79.0	4.7	11	23	56	30.0	18.4	648	--
Triumph	757C	70	3.5	68	77.0	4.3	3	6	88	26.2	19.0	1222	--
Red River Comm	RR 2214	33	4.8	66	78.0	5.0	6	19	65	29.7	20.4	506	--
Red River Comm	RR 2215	30	5.3	67	73.0	4.0	9	23	59	23.6	20.6	635	--
Red River Comm	RR 7015	34	4.8	68	73.0	4.3	15	34	43	25.6	20.3	480	--
Dahlgren	9530	41	4.5	65	73.3	4.0	16	24	52	25.2	20.5	429	1629.3
Dahlgren	9532	62	3.5	65	72.3	1.7	6	22	67	24.7	19.8	1008	--
Dahlgren	9518	62	3.0	66	78.3	4.7	8	25	63	29.9	20.8	722	1825.3
Dahlgren	9 EX 41	28	6.0	69	74.0	5.0	12	33	46	26.4	21.0	325	--
MEAN		53.2	3.2	65.8	75.1	3.8	10.4	22.2	59.2	27.3	20.3	779	--
C.V.%		25.7	53.4	5.0	4.2	16.0	49.4	39.0	21.9	8.8	4.2	34.4	--
LSD.05		19.3	2.4	4.6	5.2	1	8.5	14.3	21.3	3.9	1.4	441	--

Planting Date = May 27; Harvest Date = November 1 & 2 ; Previous Crop = Spring Wheat

1 - Hybrids in this trial did not reach physiological maturity. Noted values of 1 to 5 are a relative score of time until PM and rated 1 day before the killing frost on October 1. Score of 1 = PM possibly achieved in another 1 to 2 days; 3 = PM possibly achieved in another 4 to 5 days; 5 = 2 - The yields listed reflect samples with very minimal sclerotia contamination. Standard commercial combine harvest would have brought in significant sclerotia body pieces thereby minimizing opportunity to attain market standards.