

**NDSU Carrington Research Extension Center
2009 Variety Trial Data**

Non Oilseed Sunflower	Carrington
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Brand	Hybrid	Upper		Plant Lodge	Plant Height	Neck Break ²	Days to Bloom	Days to PM	----- Seeds -----			Harvest Moisture	Test Weight	----- Seed Yield -----		
		Leaf Rust ¹	Plant Rust ¹						>18/64	>20/64	>22/64			2009	2-yr. Avg.	3-yr. Avg.
		%	%	0-9	inch	%			%	%	%	%	lb/bu	lb/ac		
Mycogen Seeds	8C451	71	33	0.0	56	32	76.8	125.3	11	20	49	7.8	19.2	668	1170.5	--
Seeds 2000	Badger CL	33	6	0.0	53	0	75.8	130.3	15	20	20	7.9	26.3	1639	1701.5	--
Seeds 2000	Jaguar CL	74	30	0.3	53	2	74.8	122.3	7	20	64	8.0	19.0	867	1211.0	1485.7
Seeds 2000	Panther DMR	42	18	0.0	53	1	74.5	127.5	17	34	28	8.0	22.3	1633	1668.5	1906.7
Croplan Genetics	179	51	20	0.0	62	25	81.3	130.8	14	27	32	7.9	19.0	787	--	--
Dahlgren & Company	9530	53	18	0.3	61	1	77.0	125.5	18	27	49	7.9	19.5	870	1297.0	1442.7
Dahlgren & Company	9592	75	25	0.0	57	39	77.0	126.0	10	22	49	7.8	18.8	886	1335.0	--
Dahlgren & Company	95EXCL	74	40	0.8	63	1	77.3	123.0	12	31	39	7.8	19.0	772	1229.0	--
Dahlgren & Company	9579	21	11	0.0	55	55	78.5	132.0	7	18	58	7.9	17.5	1027	--	--
Red River Comm	2215	51	18	0.0	57	13	74.0	125.5	9	24	33	7.8	20.9	1057	1471.5	1618.7
Red River Comm	2216	71	30	0.0	61	7	74.3	122.8	15	37	33	7.8	19.0	1001	1429.0	1516.7
Red River Comm	2217	80	35	0.0	59	26	76.0	123.5	na	na	na	7.6	19.9	905	--	--
CHS Sunflower	RH 1121	86	30	0.0	58	9	79.0	126.5	13	24	50	7.8	20.8	890	--	--
CHS Sunflower	RH 3126 RT	8	0	0.0	55	29	75.0	135.0	16	29	40	8.8	23.7	1441	--	--
CHS Sunflower	RH 400CL	84	50	0.0	53	5	73.3	122.0	12	22	48	7.8	19.4	830	--	--
Triumph	747C	20	0	0.3	54	70	74.8	135.0	15	26	45	8.5	24.5	1819	1826.5	--
USDA	924	58	11	0.0	53	39	74.5	131.5	20	37	24	8.1	22.9	932	1182.0	1224.0
	MEAN	57.1	22.7	0.1	56.7	21.2	76.0	127.2	13.2	26.3	41.6	7.9	20.8	1051	--	--
	C.V.%	25.8	48.1	338	5.4	76.5	2.1	1.5	36.9	26.7	25.5	1.7	5	16.5	--	--
	LSD.05	21.0	15.5	0.4	4.4	23.0	2.3	2.8	7.0	10.1	15.2	0.2	1.5	246	--	--

Planting Date = May 28 ; Harvest Date = November 17 ; Previous Crop = Cover Crop/Fallow

¹ Sunflower leaf rust was prevalent throughout this test, seed yields were impacted by these infections. Leaf Rust rating recorded by CREC and reflects more the whole plant incidence. Upper Plant Rust rating recorded by Markell et al. and reflects the upper part of the plants' rust severity.

² Data on Neck Break reflects stems breaking over below the head, yet the heads are still fully attached to the plant.