

**NDSU Langdon Research Extension Center
2011 Hybrid Trial Data**

Confectionary (Non-oil) Sunflower - 2011	Langdon
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Brand	Hybrid	Status ⁴	Days to Flower	Plant Height	Test Weight	Harvest Moist.	Seed over screen			Yield				
							22/64	20/64	18/64	@ 10% moisture		Average		
			(days)	(inch)	(lbs/bu)	(%)	-----(% over)-----			------(lbs/a)-----				
							2009	2010	2011	2 yr	3yr			
Dahlgren	9530	CA	69	69	21.7	11.7	62	85	94	1570	2218	2463	2340	2084
Dahlgren	9530CL ¹	CA	73	71	21.2	15.4	57	87	96	1471	1698	2532	2115	1900
Dahlgren	Ex-610	EX	67	63	20.4	13.0	77	89	95	--	--	2297	--	--
Mycogen Seeds	8C451	CA	69	67	20.0	11.6	74	90	95	1707	1805	2436	2120	1983
Mycogen Seeds	8C410CL ¹	CA	71	70	21.7	18.1	57	83	95	--	--	2445	--	--
Red River Comm.	2215	CA	70	68	22.4	14.1	50	78	95	1632	2225	2404	2314	2087
Red River Comm.	2215CL ¹	CA	72	67	21.1	16.2	62	88	97		1665	2823	2244	--
Red River Comm.	2217	CA	69	62	20.7	11.4	68	87	95	1559	2105	2255	2180	1973
Seeds 2000	Jaguar ¹	CA	69	71	22.1	12.2	71	92	98	2136	1785	3035	2410	2319
Seeds 2000	Jaguar DMR ^{1,2}	CA	65	68	23.2	12.0	66	89	97	--	--	2992	--	--
Seeds 2000	6946 DMR ²	CA	69	68	24.4	11.0	11	44	90	--	1512	2992	2252	--
Seeds 2000	x3207 ²	EX	67	67	22.8	13.0	61	85	95	--	--	2733	--	--
Seeds 2000	x9180 ^{2,3}	EX	67	66	22.7	12.0	53	80	95	--	--	2434	--	--
USDA	924	CK	68	67	24.8	12.8	23	69	92	1167	2071	2720	2396	1986
Trial Mean			69	67	22.1	13.2	--	--	--	1614	1916	2612	--	--
C.V. %			1.8	5.1	4.3	8.8	--	--	--	13.5	13.3	12.6	--	--
LSD 10%			1.7	4.8	1.3	1.6	--	--	--	--	--	459	--	--
LSD 5%			2.0	NS	1.6	1.9	--	--	--	364	427	NS	--	--

¹ Clearfield hybrid

² Downy mildew resistant

³ Express hybrid

⁴ Status: CA-Commercially available, EXP-Experimental, CK-Long term hybrid check

Planting Date: June 2

Harvest Date: October 12