

**NDSU Langdon Research Extension Center
2014 Sunflower Confection (Non-oil) Trial**

Confection (Non-oil) Sunflower - 2014 **Langdon**

Brand	Hybrid	Status ⁴	Days to Bloom (days)	Plant Height (inch)	Test Weight (lbs/bu)	Harvest Moist. %	Seed over screen			Yield				
							22/64	20/64	18/64	@ 10% moisture		Average		
							-----(% over)-----			------(lbs/a)-----				
CanSun LLC	EX 755	Exp	76	56	22.6	14.9	67	82	92	--	--	3010	--	--
CanSun LLC	EX 5255	Exp	71	57	23.7	11.9	74	84	91	--	4013	3132	3573	--
CanSun LLC	EX 8255	Exp	73	58	22.8	13.3	72	85	91	--	4044	3124	3584	--
Mycogen	8C451CP ¹	CA	77	57	21.5	17.6	82	91	95	1789	3306	3185	3245	2760
NuSeed	6946 DMR ³	CA	73	51	24.5	9.7	9	45	86	--	--	2812	--	--
NuSeed	Jag DMR ^{1,3}	CA	70	53	23.6	8.1	82	93	96	--	--	2900	--	--
NuSeed	Panther DMR ³	CA	71	54	24.3	10.1	75	89	95	--	--	3026	--	--
NuSeed	x9180 ²	CA	73	58	23.4	14.4	66	85	93	--	3929	2753	3341	--
NuSeed	NSK 12N069 ¹	Exp	74	57	25.1	11.0	79	89	94	--	3555	2865	3210	--
NuSeed	NHW 12739	Exp	70	57	23.0	8.9	86	93	97	--	--	3234	--	--
NuSeed	x5334 ¹	Exp	78	61	22.6	21.8	87	93	95	--	--	3181	--	--
NuSeed	NHW12706 ³	Exp	77	60	23.3	25.4	77	90	94	--	3364	2950	3157	--
NuSeed	x4334 ¹	Exp	75	56	21.6	19.1	88	95	97	--	--	3392	--	--
NuSeed	NSK 12M044 ¹	Exp	70	51	23.2	9.6	91	95	98	--	--	3356	--	--
NuSeed	NSK 12M045 ¹	Exp	74	58	20.8	12.0	83	88	92	--	--	2918	--	--
NuSeed	NHW 12732	Exp	72	55	22.6	11.1	91	95	97	--	--	2949	--	--
Red River Comm.	2215	CA	73	56	22.4	10.8	83	90	95	2124	4552	3170	3861	3282
Red River Comm.	2215-CL ¹	CA	76	57	22.3	17.0	78	90	94	1785	4003	2939	3471	2909
Red River Comm.	2217-CP ¹	CA	77	57	21.3	20.0	80	89	93	--	3542	3017	3280	--
Red River Comm.	8015	CA	72	53	20.0	13.8	89	93	96	--	3670	2633	3151	--
SunOpta	9521	CA	74	56	22.7	12.8	83	89	94	--	4683	3299	3991	--
SunOpta	EX-0041	CA	75	57	20.7	20.1	76	94	94	--	--	3154	--	--
USDA	924	CK	72	52	26.7	10.4	7	39	73	1413	3666	3093	3379	2724
Trial Mean			74	56	22.8	14.0	74	86	93	1775	3640	3074	--	--
C.V. %			1.4	5.8	3.2	15.3	--	--	--	20.0	8.3	9.6	--	--
LSD 10%			1.4	4.5	1.0	2.9	--	--	--	484	414	NS	--	--
LSD 5%			1.7	NS	1.2	3.5	--	--	--	583	496	NS	--	--

¹ CL-Clearfield, CP- Clearfield plus, ²Express, ³Downy mildew resistant.

⁴Status: CA-Commercially available, Exp-experimental, CK-Long term hybrid check.

Planting Date: May 23

Harvest Date: October 16