

**NDSU Langdon Research Extension Center
2018 Sunflower Confection (Non-oil) Trial**

Confection (Non-oil) Sunflower - 2018

Langdon

Brand	Hybrid	Status ⁴	Days to Flower (DAP) ⁶	Days to Mature (DAP) ⁶	Plant Height (inch)	Test Weight (lbs/bu)	Harvest Moist. (%)	Seed over screen			Seed Yield				
								22/64	20/64	18/64	2016	2017	2018	2-yr Avg.	3-yr Avg.
CanSun	Exp 64588 ²	Exp	64	105	62	21.8	17	72	93	96	--	--	2471	--	--
Nuseed	NSKM5377 ^{1,3}	Exp	65	109	55	24.4	21	80	96	98	--	3116	2268	2692	--
Nuseed	Panther DMR ³	CA	64	110	61	24.5	19	55	86	96	3146	2863	2530	2697	2846
Red River Comm.	2215	CA	64	108	60	23.7	17	69	92	96	3666	2861	2502	2682	3010
Red River Comm.	2310	CA	65	107	64	23.8	17	59	90	96	--	--	2179	--	--
Red River Comm.	2414	CA	66	107	63	23.7	18	59	88	95	--	--	2075	--	--
Red River Comm.	2215 CL ¹	CA	66	108	62	24.6	21	53	85	95	3477	2760	2551	2656	2929
USDA ⁵	924	CK	61	107	54	25.5	19	29	70	94	2861	2440	2510	2475	2604
Trial Mean			64	108	60	24.0	19	--	--	--	3230	2983	2386	--	--
C.V. %			4.6	0.9	9.5	5.0	8.0	--	--	--	9.0	9.7	11.3	--	--
LSD 5%			NS	1.6	NS	NS	2.6	--	--	--	515	514	NS	--	--
LSD 10%			NS	1.3	NS	1.7	2.1	--	--	--	422	421	NS	--	--

¹ CL-Clearfield, ²ExpressSun, ³Downy mildew resistant.

⁴Status: CA-Commercially available, Exp-experimental, CK-Long term hybrid check⁵.

⁶Days after planting

Yield was adjusted to 10% moisture.

Planting Date: May 18

Harvest Date: October 18