

**NDSU Langdon Research Extension Center
2020 Sunflower Confection (Non-oil) Trial**

Confection (Non-oil) Sunflower - 2020											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	2017	2018	2020	2-yr Avg.	3-yr Avg.
CanSun	EX35957 ^{2,3}	Exp	71	110	60	24.6	9.0	85	93	95	--	--	3333	--	--
RRC	2215 ¹	CA	73	113	64	22.3	11.2	55	87	94	2861	2502	3091	2797	2818
RRC	2310 ¹	CA	74	111	70	21.6	9.8	80	91	94	--	2179	3364	2771	--
RRC	2414 ¹	CA	77	114	73	20.9	13.0	85	93	95	--	2075	3163	2619	--
RRC	2319 ¹	CA	74	114	68	21.3	11.1	89	94	96	--	--	3033	--	--
USDA	924 ⁵		72	111	59	23.5	10.3	31	63	84	2440	2510	2627	2568	2526
Trial Mean			73.1	112.2	65.6	22.4	10.7				2983	2386	3102	--	--
C.V. %			1.5	1.4	4.3	3.0	8.8				9.7	11.3	10.3	--	--
LSD 5%			1.6	2.3	4.2	1.0	1.4				514	NS	479	--	--
LSD 10%			1.3	1.9	3.5	0.8	1.2				421	NS	394	--	--

¹Trad.= no herbicide tolerance trait, ²EX= ExpressSun, ³DM = Downy Mildew Resistant,

⁴Status: CA-Commercially available, Exp-experimental, ⁵Long term hybrid check.

⁶Days after planting

Yield was adjusted to 10% moisture.

Planting Date: May 22

Harvest Date: October 12

Sunflower trial in 2019 was unharvestable due to damage from 20 in. snowfall.

