

Non-Oil Type Sunflower Variety Trial at Minot

Company/Brand	Hybrid	Days to 50% Bloom DAP ¹	Days to Maturity DAP ¹	Plant Height inches	Test Weight lbs/bu	Seed Over Screen			Seed Yield					
						>22/64	>20/64	>18/64	2016	2017	2018	Average		
						-----%-----			----- lbs/A -----					
SunOpta	9553	69	113	51	21.4	2	6	95		3510	2618	3064		
SunOpta	9510	69	113	48	22.2	2	6	95		3081	1989	2535		
Nuseed	Panther DMR	64	103	44	22.0	6	18	96	1934	2650	1827	2239	2137	
Royal Hybrid	RH804CLP	68	108	48	18.5	3	9	93			1713			
Royal Hybrid	RH609CLP	69	109	51	20.3	2	5	94	1888	2644	1381	2013	1971	
Long Term Check	Hybrid 924	69	113	45	21.6	15	39	80	1332	2034	1236	1635	1534	
Trial Mean		67	108	46	20.3	5	14	93	1789	2658	1637	--	--	
C.V.%		1.7	0.5	3.2	3.2	43	48	4.1	6.7	7.6	12.5	--	--	
LSD 5%		2	1	3	1.1	4	12	7	219	238	358	--	--	
LSD 10%		2	1	2	0.9	3	10	5	178	196	294	--	--	

¹Days After Planting

Planting Date: May 25

Planting Rate: 19,000 seeds/A

Row Spacing: 30"

Harvest Date: October 23

Previous Crop: 2015 = soybean, 2016 = barley, 2017 = soybean

Tillage: Minimum till

Soil Type: Williams Loam

Note: Test weight and yield are adjusted to 10% moisture.