

North Central Research Extension Center

Non-Oil Type Sunflower Variety Trial at Minot

Company/Brand	Hybrid	Days	Days	Plant	Lodging		Test	Seed Over Screen			Seed Yield				
		to 50% Flower	to Maturity		Stalk	Root		Weight	>22/64	>20/64	>18/64	2014	2015	2016	---Average---
		DAP ¹	DAP ¹	inches	%	%	lb/bu	-----%-----			----- lbs/A -----				
CHS Royal Hybrid	RH609CLP	66	109	59	10	1	26.7	81	93	100	2309	1673	1888	1780	1957
CHS Royal Hybrid	15EXP01	69	117	56	1	1	22.1	91	97	100	--	2208	1755	1981	--
CHS Royal Hybrid	16EXP01	70	118	63	1	2	23.6	86	95	100	--	--	1912	--	--
CHS Royal Hybrid	15EXP02	71	115	64	4	3	23.8	85	95	100	--	--	1916	--	--
Nuseed	Panther DMR	62	102	57	13	3	26.8	65	85	100	2073	1456	1934	1695	1821
USDA check	Hybrid 924	66	108	57	10	1	27.0	26	64	100	1429	1747	1332	1539	1503
Trial Mean		67	112	59	6	2	25.0	72	88	100	2254	1749	1789	--	--
C.V.%		0.6	1.0	4.2	73	178	1.3	9.7	5.9	0.0	9.4	12.3	6.7	--	--
LSD 5%		1	2	4	9	NS	0.6	13	9	NS	152	310	219	--	--
LSD 10%		1	2	4	7	NS	0.5	10	8	NS	126	258	178	--	--

¹ Days After Planting

Planting Date: June 6

Plant Population: 18,000 plants/A

Row Spacing: 30"

Harvest Date: November 4

Previous Crop: 2013 & 2014 = spring wheat, 2015 = soybean

Tillage: No-till

Soil Type: Williams Loam