

**2024 Sunflower Variety Trial at Minot**

Brand	Variety	Days to		Plant Height	Test Weight	Oil %	Yield				
		Flower	Mature				inches	lbs/bu	Oil %	2022	2023
		DAP	DAP				lbs/A				
Croplan	CP455E	76	145	51	29.4	38.0	2663	3223	2539	2881	2808
Croplan	CP4255E	76	144	55	31.3	40.2	--	2407	2162	2285	--
Croplan	CP4475E	76	139	57	28.7	38.6	--	3260	2875	3068	--
Croplan	CP5249CL	77	139	51	30.4	46.6	--	2909	3035	2972	2972
Croplan	CP5242CL	79	143	54	28.6	44.3	--	--	2018	--	--
Croplan	CP7919CL	84	144	52	30.1	44.4	3048	3497	4118	3808	3554
Dyna-Gro	H49HO19CL	83	139	51	30.4	42.0	2338	2068	3219	2644	2542
Dyna-Gro	H50HO20CP	79	140	55	31.9	45.5	2242	2227	1874	2051	2114
Dyna-Gro	H45HO10EX	77	142	57	27.6	41.8	1850	2867	2886	2877	2534
Dyna-Gro	H47HO11EX	81	143	62	31.2	38.1	2078	3097	2229	2663	2468
Nuseed	N4H422 CL	79	144	55	31.2	41.8	2725	--	2309	2517	--
Nuseed	N4H470 CLP	79	144	57	32.4	46.3	3071	--	3006	3039	--
Nuseed	N4H490 E	83	138	57	31.2	42.5	--	--	2730	--	--
Proseed	50068 CL	86	142	53	30.0	39.1	--	2868	3377	3123	--
Proseed	E-2446 E	76	142	61	31.0	39.5	--	--	1475	--	--
Proseed	NX91CL+	82	141	53	33.6	47.7	--	--	2435	--	--
Proseed	NX34 E	82	139	55	32.9	44.5	--	--	2452	--	--
Proseed	EX908CL+	84	142	68	30.8	34.3	--	--	1553	--	--
RAGT Semences	AC2201	81	144	61	32.6	40.5	2203	2612	1617	2115	2144
RAGT Semences	AC2101	80	139	59	26.8	36.6	1891	2464	1828	2146	2061
RAGT Semences	AC2202	85	142	65	26.4	40.2	--	2665	1898	2282	--
Sunrich Products	4415 HO/DM/CLP	82	138	48	29.8	39.0	--	2717	3547	3132	--
Sunrich Products	4425CL	81	139	54	29.0	37.4	--	3684	3025	3355	--
Med Maturity Check	8N270CLDM	75	136	47	29.5	39.7	1041	2441	2886	2664	2123
Early Maturity Check	Honeycomb	68	133	45	25.3	32.1	793	1594	1571		
Late Maturity Check	CP559CL	81	139	59	28.7	42.0	2328	2510	3614	3062	2817
Long Term Check	Hybrid 894	77	136	52	30.6	43.6	1254	1747	2345	2046	1782
<b>CHS</b>	<b>RH1121</b>	<b>86</b>	<b>147</b>	<b>57</b>	<b>24.9</b>	<b>21.6</b>	--	--	<b>4232</b>	--	--
<b>CHS</b>	<b>RH609CLP</b>	<b>80</b>	<b>142</b>	<b>53</b>	<b>19.8</b>	<b>21.2</b>	--	--	<b>3190</b>	--	--
<b>CHS</b>	<b>RRC2319</b>	<b>83</b>	<b>147</b>	<b>61</b>	<b>19.5</b>	<b>23.2</b>	--	--	<b>2962</b>	--	--
<b>CHS</b>	<b>RRC2414</b>	<b>82</b>	<b>149</b>	<b>69</b>	<b>19.9</b>	<b>25.2</b>	--	--	<b>3436</b>	--	--
<b>Dyna-Gro</b>	<b>H45NS16CL</b>	<b>75</b>	<b>134</b>	<b>50</b>	<b>32.2</b>	<b>43.0</b>	<b>1721</b>	<b>1321</b>	<b>2271</b>	<b>1796</b>	<b>1771</b>
<b>Sunrich Products</b>	<b>SS91</b>	<b>77</b>	<b>151</b>	<b>54</b>	<b>22.2</b>	<b>24.5</b>	<b>2687</b>	--	<b>2080</b>	<b>2384</b>	--
<b>Sunrich Products</b>	<b>SS92CL</b>	<b>74</b>	<b>137</b>	<b>46</b>	<b>22.8</b>	<b>21.2</b>	<b>1716</b>	--	<b>2471</b>	<b>2094</b>	--
<b>Long Term Check</b>	<b>Hybrid 924</b>	<b>83</b>	<b>139</b>	<b>55</b>	<b>25.7</b>	<b>26.5</b>	<b>1487</b>	<b>2129</b>	<b>1508</b>	<b>1819</b>	<b>1708</b>
Trial Mean	--	79	141	55	28.7	37.7	2155	2548	2564	--	--
C.V. %	--	3.2	1.9	9.3	8.8	6.9	12.6	7.6	12.9	--	--
LSD 0.05	--	4	4	8	4.1	4.2	441	325	538	--	--
LSD 0.1	--	3	3	7	3.4	3.5	369	272	450	--	--

\*DAP = Days after planting.

Planting date: May 22, 2024

Harvest date: October 22, 2024

Seeding rate: 21,000 live seeds/acre

Previous crop: wheat

**Bold print = non oil/confectionary types**

Row spacing: 30"

Soil type: Williams loam

Tillage system: strip-till