



# SUNFLOWER HYBRID PERFORMANCE TRIALS

Melita 2024

All sunflowers varieties listed are susceptible to sclerotinia and sunflower rust strains present in Manitoba. Genetic resistance to verticillium wilt is rated as moderately susceptible to moderately resistant for all sunflower varieties presented. Plant population and environment will contribute greatly to the final product.

NON-OILS							MELITA 2024			
Hybrid	Genetic Trait	Company	Yield (lb/ac)	Moisture (%)	Maturity <sup>1</sup>	Height	2023 Seeding Sizing (%) <sup>2</sup>			Test Wgt <sup>3</sup>
							>22/64	>20/64	<20/64	(lb/bu A)
6946 DMR	DMR	Nuseed	1683	11.1	144	87	57	24	19	25.7
MCA 359239	ExSun	MCA	3112	13.0	144	80	96	3	0	23.5
MCA 359306	ExSun	MCA	2891	11.6	144	79	88	6	6	24.8
<b>Experimental lines being tested/proposed for registration in Canada</b>										
NJKM65823	CL/DM	Nuseed	2353	11.2	144	78	71	21	7	25.9
N6L377 CL	CL/DM	Nuseed	2792	12.0	144	77	84	11	5	23.9
<b>Site Average</b>			2566	11.8	--	80	--	--	--	24.8
<b>CV %</b>			15.23	9.6	--	6.29	--	--	--	4.03
<b>Sign Diff</b>			Yes	No	--	No	--	--	--	No
<b>LSD (0.05)</b>			736	--	--	--	--	--	--	--
<b>Planting Date</b>			May 17, 2024							
<b>Desiccation Date</b>			---							
<b>Harvest Date</b>			October 17, 2024							

1 Physiological maturity for sunflowers is R9, where the bracts on the head are almost completely brown.

2 Totals may not add to 100% due to rounding.

3 Test weights are reported in lbs per Avery (Canadian) bushel.

Refer to the MCA website at [www.mbcropalliance.ca](http://www.mbcropalliance.ca) for more details.

