



2024 CONFECTION SUNFLOWER EXPERIMENTAL HYBRIDS

Developed exclusively for Canada

EX 359306

EX 359306 is a non-oil type sunflower hybrid with a long seed type and large shoulder. Bred for growing conditions in Manitoba, Ex 359306 is high yielding, early maturing, herbicide tolerant and has shown excellent lodging tolerance. Intended for the in-shell confection sunflower markets, the seed has excellent colour and shape with a high percentage of large seeds.

Herbicide Tolerant Trait

EX 359306 contains the ExpressSun Group 2 herbicide tolerant trait. The Group 2 herbicide Tribenuron provides in-season control of many broadleaf weeds, including wild mustard, volunteer canola and Canada thistle, from planting up until the bud formation stage.

Hybrid Strengths (vs. 6946 DMR)

- Good yield potential
- Medium plant height
- Excellent lodging resistance
- Early maturity
- Downy mildew resistant
- Good nut meat percentage
- Herbicide tolerant (Express SG)





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2023 Strip Trials – Results – Manitoba Locations

	SOUTHWEST (WAWANESA)			CENTRAL (HOLLAND)			CENTRAL (DUNDONALD)		
	6946 DMR	EX 359239	EX 359306	6946 DMR	EX 359239	EX 359306	6946 DMR	EX 359239	EX 359306
Yield (lb/ac)	1185.0	1578.0	1244.0	3638.5	4284.8	3812.0	3090.9	3345.5	3000.0
Yield (% of 6946)	100.0	133.0	105.0	100.0	109.4	89.0	100.0	108.2	97.0
Seed Size (>22/64)	8.9	43.2	41.9	46.9	92.4	84.8	57.2	96.5	90.9
% Nut Meat	55.3	48.6	53.8	53.4	52.7	51.4	52.0	54.8	52.8

NOTE: Additional data, including moisture content and test weight, are available upon request.

Small Plot Trials – Results – Langdon, ND – 2022/2023

	2022			2023			AVERAGE		
	Panther DMR	EX359239	EX359306	Panther DMR	EX359239	EX359306	Panther DMR	EX359239	EX359306
Yield (lb/ac)	2099.0	3434.0	2942.0	2592.0	2471.0	2428.0	2345.0	2471.0	2428.0
Days to Maturity	114.0	114.0	112.0	109.0	111.0	111.0	111.0	112.0	111.0
Test Weight (lb/bu)	25.3	24.8	25.6	26.8	26.2	27.4	26.1	25.5	26.5



Panther DMR



6946 DMR



EX359239



EX359306

Results from Manitoba Crop Alliance Sunflower Variety Performance Trials are available at mbcropalliance.ca

