



# 2024 CONFECTION SUNFLOWER EXPERIMENTAL HYBRIDS

*Developed exclusively for Canada*

## EX 359239

EX 359239 is a non-oil type sunflower hybrid with a long seed and large shoulder. Bred for growing conditions in Manitoba, EX 359239 is high yielding, early maturing, herbicide tolerant and has excellent lodging tolerance. Intended for in-shell confection sunflower markets, the seed has excellent colour and shape with a high percentage of large seeds.

### Herbicide Tolerant Trait

EX 359239 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
- Excellent lodging resistance
- Early to mid maturity
- Downy mildew resistant
- Very high percentage large seed
- 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](http://mbcropalliance.ca)

