

SUNFLOWERS - CONFECTIONARY TYPE

Comments:

These varieties were tested and data donated by the Manitoba Crop Alliance (MCA).

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.

Variety Descriptions

Company	Hybrid	Genetic Traits ¹	Site Years	Yield % Check	Maturity ² (+/- check)	Height (inches)	2025 Seed Sizing (%) ³		
							>22/64	>20/64	<20/64
Nufarm	N6L377CL	CL	11	100%	0	0	69	18	14
MCA	MCA359	ExSun	15	102%	-1	3	84	9	7
CHS	RH1121	---	6	109%	0	6	84	11	5
Experimental lines being tested/proposed for registration in Canada									
MCA	EX30359	ExSun	3	103%	-2	2	92	4	4
MCA	EX46359	ExSun	3	108%	-1	0	92	5	3
MCA	EX55359	ExSun	3	106%	-2	-2	91	5	4
CHECK CHARACTERISTICS									
N6L377CL			11 site years	2164 lb/ac	138 days	58 inches			

¹ Genetic traits include CL = Clearfield tolerance; ExSun = Express tolerance; DM = Downy Mildew Resistance.

² Physiological maturity for sunflowers is R9, where the bracts on the head are almost completely brown.

³ Totals may not add to 100% due to rounding.

Refer to the MCA website at mbcropalliance.ca for more details.

Site Comparisons

St. Agathe

Hybrid	Yield (lbs/acre)	Moisture (%)	Maturity ¹ (days to R9)	Height (inches)	2025 Seed Sizing (%) ²			Test Wt ³ (lb/bu)
					>22/64	>20/64	<20/64	
N6L377CL	2284	17	---	59	85	12	3	19
MCA359	2017	18	---	60	99	1	0	22
RH1121	2972	17	---	68	90	7	3	21
Experimental lines being tested/proposed for registration in Canada								
EX30359	2533	14	---	58	96	3	1	21
EX46359	2656	16	---	58	91	7	2	19
EX55359	2547	14	---	52	91	5	3	22
Site Grand Mean	2502	12	---	59	---	---	---	21
CV%	9.8	11.5	---	5.1	---	---	---	5.6
Sign Diff	Yes	Yes	---	Yes	---	---	---	Yes
LSD (0.05)	445	2.4	---	5.5	---	---	---	2.1
Planting Date	29-May							
Desiccation Date	3-Oct							
Harvest Date	10-Oct							

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 mbcropalliance.ca for more details.

Your First Line Of Defense Against Soybean Disease

- ✓ Sudden Death Syndrome
- ✓ Rhizoctonia Root Rot
- ✓ White Mold



HeadsUpST.com
Call Nolan 218-689-6367

Beausejour

Hybrid	Yield (lbs/ acre)	Moisture (%)	Maturity ¹ (days to R9)	Height (inches)	2025 Seed Sizing (%) ²			Test Wt ³ (lb/bu)
					>22/64	>20/64	<20/64	
N6L377CL	2034	19	142	53	93	4	3	20
MCA359	2025	18	142	56	96	2	3	20
RH1121	2179	19	142	56	95	3	2	21

Melita

Yield (lbs/ acre)	Mois- ture (%)	Maturity ¹ (days to R9)	Height (inches)	2025 Seed Sizing (%) ²			Test Wt ³ (lb/bu)
				>22/64	>20/64	<20/64	
3389	17	133	68	85	10	6	22.3
3498	18	131	68	95	2	3	24.4
3219	17	133	73	89	5	6	24.2

Experimental lines being tested/proposed for registration in Canada

EX30359	2034	20	142	57	90	5	5	20
EX46359	2361	20	143	54	96	2	2	19
EX55359	2204	18	142	56	91	5	4	21
Site Grand Mean	2139	19	142	55	---	---	---	20
CV%	11.2	11.3	0.8	2.5	---	---	---	3.5
Sign Diff	Yes	Yes	Yes	Yes	---	---	---	Yes
LSD (0.05)	434	3.9	2.1	2.5	---	---	---	1.3
Planting Date	13-May							
Desiccation Date	3-Oct							
Harvest Date	10-Oct							

3342	14	130	70	90	4	6	24.6
3282	16	130	69	90	5	6	23.7
3392	14	130	67	90	5	6	23.9
3354	16	131	69	---	---	---	23.9
4.5	11.0	2.97	3.3	---	---	---	4.9
Yes	Yes	Yes	Yes	---	---	---	Yes
277	3.1	7.1	4.1	---	---	---	2.1
Planting Date	26-May						
Desiccation Date	3-Oct						
Harvest Date	14-Oct						