

SUNFLOWERS - Oil Type

Comments:

Disease resistance, maturity, height, and %oil ratings are taken from results gathered during the Manitoba Sunflower Committee Co-op Performance Testin These varieties were tested and data donated by the National Sunflower Association of Canada Inc.

All sunflower varieties currently available are susceptible to sclerotinia rot. Weather conditions and presence of sclerotinia inoculum play a major role in disea

Variety Descriptions

| Company | Variety | Yield | | Registration Data (Manitoba Sunflower Committee) | | | | | |
|--|-------------------|-----------|------|--|------------------|-----------------|-----------------|-------------------|----------------|
| | | (lb/acre) | | %Oil | Days to Maturity | Height (inches) | Resistance to : | | |
| | | 2009 | 2008 | | | | Rust1 | Verticillium Wilt | Downey2 Mildew |
| High Oleic Sunflowers | | | | | | | | | |
| Dow AgroSciences | 8H288DM | - | 2459 | 50.2 | 122 | 63 | HS | MR | R |
| Dow AgroSciences | 8H350DM | - | 2276 | 49.0 | 124 | 70 | HS | MR | R |
| Interstate Seed | IS 7120 HO/DM | 2471 | - | 46.6 | 122 | 67 | HS | MR | R |
| NuSun Sunflowers (Mid Oleic type) | | | | | | | | | |
| CROPLAN Genetics | 3080 DMR | 2369 | 2390 | 48.7 | 126 | 67 | HS | MR | R |
| Pioneer Hi-Bred | 63M40 | - | 2623 | 44.1 | 123 | 63 | S | MR | MS |
| Pioneer Hi-Bred | 63M80 | 2696 | 2564 | 54.3 | 122 | 71 | S | R | R |
| CROPLAN Genetics | 803 DMR | 2293 | - | 48.2 | 118 | 65 | MS | MR | R |
| Dow AgroSciences | 8N358CL * | - | 2428 | 47.5 | 128 | 66 | HS | MR | S |
| Dow AgroSciences | 8N358CL DMR * | 2389 | - | 48.2 | 125 | 76 | HS | MR | R |
| Seeds 2000 | Defender Plus DMR | 2423 | 2640 | 43.7 | 123 | 66 | HS | MR | R |
| Interstate Seed | IS 29-30 NS/DM | 2341 | - | 47.0 | 117 | 71 | HS | MR | R |
| Interstate Seed | IS 3433 NS/DM | - | 2432 | 48.0 | 122 | 64 | HS | MR | MR |
| Interstate Seed | IS 3480CL * | 2486 | - | 45.5 | 122 | 71 | HS | MR | R |
| Interstate Seed | IS 6131 NS/DM | - | 2546 | 47.5 | 120 | 61 | MS | MR | R |
| Seeds 2000 | Viper * | 1789 | 2221 | 44.1 | 123 | 63 | HS | MR | S |
| Overall Average (lbs/acre) | | 2362 | 2457 | | | | | | |
| Site Years | | 6 | 5 | | | | | | |

* indicates Clearfield tolerant sunflower

1 Reaction indicated is to Races 2, 3, and 4 under controlled indoor conditions.

2 Reaction indicated is to Race 2.

Data courtesy of the National Sunflower Association of Canada Inc.



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