

Michigan Sugar Company
Biotechnology Trials (Roundup Ready)
Average of 3 Locations - 2005

| No. | Variety | RWSA | RWST | Tons/A | % Suc | % CJP | % Emerg* | Cercospora Leafspot*** |
|-------------|---------------|---------|---------|----------|---------|---------|----------|------------------------|
| 5 | Beta B5902 RR | 6441 a | 241.3 a | 27.00 a | 16.56 a | 94.60 a | 55.6 c | 159.6 |
| 2 | Beta B5903 RR | 6391 a | 240.4 a | 26.96 a | 16.46 a | 94.74 a | 54.7 c | 158.0 |
| 8 | Crystal 963 | 5997 a | 241.6 a | 25.22 a | 16.29 a | 95.53 a | 66.8 b | 91.8 |
| 1 | HM 2761 Rz | 5822 ab | 239.1 a | 24.55 ab | 16.34 a | 94.87 a | 58.5 c | 93.8 |
| 3 | SX Prompt | 5295 b | 239.5 a | 22.44 b | 16.29 a | 95.10 a | 76.3 a | 114.4 |
| LSD (P=.05) | | 580.9 | ns | 2.39 | ns | ns | 5.19 | 106.0** |
| CV | | 5.2 | 1.8 | 5.0 | 1.7 | 0.4 | 4.4 | |
| Grand Mean | | 5988.8 | 240.4 | 25.23 | 16.39 | 94.97 | 62.4 | |

Means followed by same letter do not significantly differ (P=.05, Duncan's New MRT)

* Emergence percent includes one location not harvested.

** Mean of all varieties in the Cercospora Nursery.

*** A lower number indicates more resistance.
The required level for approval is 110.9% or less.
