

Michigan Sugar Company Fungicide Ratings and Information Sheet—2009

Fungicide	Chemical Class	Resistance Potential	Type of Activity	Cercospora Control	Rhiz Control
Headline	Strobilurin	Very High	Translaminar	Excellent	Fair
Gem500 SC	Strobilurin	Very High	Translaminar	Excellent	Fair/ Good
Quadris	Strobilurin	Very High	Slightly Systemic	Good (-)	Excellent
Proline	Triazole	High	Systemic	Excellent	Good
Eminent	Triazole	High	Systemic	Excellent	NA
Inspire XT	Triazole	High	Translaminar	Excellent	NA
Enable*	Triazole	High	Translaminar	Good +**	NA
Tin Products	Triphenyltin Hydroxide	Moderate	Contact	Good (-)	NA
Topsin + EBDC	Benzimidazole	Very High	Systemic + Contact	Good ¹	NA
EBDC	Ethylenebisdithiocarbamate	Low	Contact	Fair Short Residual	NA
Copper	Copper Hydroxide	Low	Contact	Fair Short Residual	NA

¹ Documented Laboratory Resistance to Topsin

* Dow AgroScience recommends addition of Dithane plus Crop Oil Concentrate

** Rating based on tank mix with Dithane plus Crop Oil

Always rotate fungicide chemical class to avoid Cercospora resistance.

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Cercospora Leafspot Fungicide Guidelines

Fungicide	Rate	Appl Int (days)	REI (hours)	PHI (days)
Headline	9.2 oz/A	14	12	7
Gem 500 SC	3.6 oz/A	10-14	12	21
Quadris	9.6 oz/A	10-14	4	0
Proline + Non-ionic surfactant	5.7 oz/A	14-21	48	21
Eminent	13.0 oz/A	14-21	24	14
Inspire XT	7.0 oz/A	10-21	12	21
Enable + Dithane + COC	8.0 oz/A + 2.0 lbs./A	14-21	12	14
Supertin	5.0 oz/A	10-14	48	21
Agritin	5.0 oz/A	10-14	48	21
Topsin M + TPTH	.5 lbs./A + 4.0 oz /A	14-21	48	21
Topsin M + EBDC	.5 lbs./A + 2.0 lbs. /A	14-21	12	21
Pencozeb 75 DF (EBDC)	2 lbs./A	7-10	24	14
Manzate Pro Stik (EBDC)	2 lbs./A	7-10	24	14
Dithane DF (EBDC)	2 lbs./A	7-10	24	14
Manex (EBDC)	1.6 qts./A	7-10	24	14
Kocide 3000 (Cu)	1 1/2 lbs./A	10-14	24	0

For application timing in specific areas, utilize BEETCAST at www.michiganbeets.com and consult your agriculturalist.

Cultivar Resistance to Cercospora Leafspot

HM 42RR	Very Good	Beta 5833R	Fair
HM 50RR	Very Good	Beta 1643N	Poor
HM 27RR	Fair	Beta 17RR32	Poor
HM 28RR	Fair	Beta 17RR62	Poor
HM 29RR	Fair	Crystal RR827	Very Poor
SX 1260RR	Fair	Crystal RR824	Very Poor