

# 2024 FUNGICIDE RECOMMENDATIONS

SUGARBEET RESEARCH



## REFERENCE

**ALS** = Alternaria Leaf Spot

**CLS** = Cercospora Leaf Spot

**PM** = Powdery Mildew

**RRR** = Rhizoctonia Root Rot

**PHI** = Pre Harvest Interval

**M 1-3** = Multi-site contact activity. Use as tank mix partners. Low risk for resistance development. Use as protectant.

**DMI** = Demethylation inhibitors. Medium risk for resistance development. Assume cross-resistance.

**QoI** = Quinone outside inhibitors. High risk for resistance development. Cross-resistance between all members.

**SDHI** = Succinate-dehydrogenase inhibitors. Medium to high-risk for resistance development.

\*\* = Apply only with EBDC/protectant.  
§ = Do not feed or graze

■ = No known resistance.  
■ = Cross-Resistance; Resistance detected or suppression only.  
■ = Use with Caution; Strong Resistance detected.

## IMPORTANT TIPS...

- Recommendations listed take into account local resistance screenings conducted and may not always reflect product label information.
- Although many products list rate ranges, **always apply the highest labeled rate** to combat resistance.
- Begin the season with the **strongest chemistries** to ensure a clean field for as long as possible.

Dr. Oliver T Neher, Chief Scientist, Plant Pathologist  
oneher@amalsugar.com



Product Description					Labeled Diseases				
Common Name	Active Ingredient	FRAC Code	Class	Label Rate / Acre	CLS	PM	ALS	RRR	PHI
Topsin® M	Thiophanate-methyl	1		0.5-1 lbs	**	**			21
Domark® 230 ME	Tetraconazole	3	DMI	6.9 fl oz	**				14
Enable® 2F	Fenbuconazole	3	DMI	8 fl oz	**				14
Inspire® XT	Difenoconazole	3	DMI	7 fl oz	**				21
	Propiconazole	3	DMI						
Proline® 480 SC	Prothioconazole	3	DMI	5-5.7 fl oz	**				7
Provysol™	Mefen trifluconazole	3	DMI	2.5-5 fl oz	**	**			7
Tilt®	Propiconazole	3	DMI	4 fl oz	**				21
Topaz®	Propiconazole	3	DMI	4 fl oz	**				21
Topguard®	Flutriafol	3	DMI	10-14 fl oz	**				21
				14-30 fl oz	**				
Vertisan®	Penthiopyrad	7	SDHI	0.7-1.6 fl oz/1000 ft	**				7
Flint® Extra	Trifloxystrobin	11	QoI	3-3.6 fl oz					21
Headline® SC	Pyraclostrobin	11	QoI	9-12 fl oz					7
Quadris®	Azoxystrobin	11	QoI	9-15.5 fl oz					0
Flowable				0.4-0.8 fl oz/1000 ft					
Super Tin® 4L	Triphenyltin Hydroxide	30		4-8 fl oz	**				21§
Lucento®	Bixafen	7	SDHI	3-5.5 fl oz	**				21
	Flutriafol	3	DMI						
Propulse®	Fluopyram	7	SDHI	(6)-13.6 fl oz	**				7
	Prothioconazole	3	DMI						
Minerva® Duo	Tetraconazole	3	DMI	16 fl oz					21
	Triphenyltin Hydroxide	30	--						
	Mefen trifluconazole	3	DMI		**				
Veltyma®	Pyraclostrobin	11	QoI	7-10 Fl oz	**				7
	Flutriafol	3	DMI		**				
Topguard® EQ	Azoxystrobin	11	QoI	5-7 Fl oz	**				21
	Fluxapyroxad	7	SDHI		**				
Priaxor® Xemium	Pyraclostrobin	11	QoI	6-8 fl oz	**				7
Badge® SC	Copper	M1		1-4 pints	**				0
Kocide® 3000	Copper	M1		0.75-2.0 lbs	**				0
					**				
ManKocide® DF	Copper	M1		2.5-4.3 lbs	**				14
	Mancozeb	M3	EBDC						
Sulfur	Sulfur	M2		3-50 lbs		**			0
Dithane® F-45	Mancozeb	M3	EBDC	1.2-1.6 qt	**				14§
Manzate® Pro-Stick	Mancozeb	M3	EBDC	1.5-2 lbs	**				14§
Torino®	Cyflufenamid	U6		5-7.5 fl oz					14
					**	**			
Double Nickel® LC	Bacillus sp. D747		Bio-fungicide	6 qt	**	**			0
Kaligreen®	Potassium Bicarbonate			2.5-3 lbs					1
LifeGard® WG	Bacillus sp. isol. J		Bio-fungicide	1-4.5 oz	**				0
MilStop® SP	Potassium Bicarbonate			see label	**				0
OxiDate® 5.0	Hydrogen Peroxide			1:500-100 dilution	**	**			0

For Powdery Mildew: always consider adding at least 5 lbs of sulfur to the spray mix.

For Cercospora Leaf Spot: always consider adding a copper product or an EBDC to the spray mix.

**DO NOT mix copper and glyphosate!!!**

**This table is not a substitute for reading and following the printed product label.**

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