

2024 CLS Quicksheet

CLS Fungicide Program BMP's

- **Start early** with an EBDC alone when the leaves between rows are 4 inches apart. This is proven to be important for both tolerant and susceptible varieties. Small plot research and field observations show that an early application provides significantly better control than fungicide programs that start later. Delaying the onset of disease is critical.
- Use a **spray volume of 20 to 25 gpa** (5 to 7 gpa for aerial applications).
- Utilize nozzle selection, pressure, and adjuvants to achieve **optimal coverage**.
 - A medium droplet size will provide the best coverage in the most situations (200-350 microns).
- Make fungicide applications on a **12-to-14-day** interval for traditional varieties and a **24-to-28-day** interval for HCT varieties, unless environmental conditions dictate otherwise.
 - CLS DIV's will begin posting in June when CLS may become active:
<https://www.smbc.com/agronomy/AgronomyDefault>
- Strobilurins (Headline, Priaxor, etc.), benzimidazoles (Topsin), and SDHI fungicide products are not considered effective tank mix partners.
- New resistance testing show cross resistance between Inspire XT and Provysol, but also between Proline/Phobos, Minerva/Domark, and Enable. Only one product from each of these groups should be used in a season.
- Do not tank mix fungicides and glyphosate.
- Consult labels before tank-mixing fungicides with other crop protection products.
- Always follow the label for application instructions and restrictions.
- **Please follow the CLS Programs listed below.**

Traditional Fungicide Program

Leaves 4" apart

1. EBDC Alone

7-10 days later

2. Triazole + EBDC

12-14 days later

3. Tin + EBDC

4. Triazole + EBDC

5. Tin + EBDC

6. Triazole + EBDC

7. EBDC + Copper

HCT Fungicide Program

Leaves 4" apart

1. EBDC Alone

7-10 days later

2. Triazole + EBDC

24-28 days later

3. Tin + EBDC

4. Triazole + EBDC

Triazole Products	Rate/Acre	REI	PHI	Tin Products	Rate/Acre	REI	PHI
Domark	6.9 oz	12hrs	14 days	Super Tin 4L	8 oz	48hrs	7 days
Minerva	13 oz	12hrs	14 days	Agri Tin Flowable	8 oz	48hrs	7 days
Proline 480 SC	5.7 oz	12hrs	7 days				
Enable 2F	8 oz	12hrs	14 days	*Do not exceed 24 oz/A of Super Tin 4L/Agri Tin Flowable per season.			
Phobos FC	7.6 oz	12hrs	7 days				
Provysol	5 oz	12hrs	7 days				
Inspire XT	7 oz	12hrs	21 days	Premixed Products	Rate	REI	PHI
Topguard	14 oz	12hrs	21 days				

*Cross resistance has been documented between Proline/Phobos, Minerva/Domark, and Enable products and also between Inspire XT and Provysol. Only use one product from each of these groups in a season.

EBDC Products	Rate/Acre	REI	PHI
Manzate Max	1.6 qts	24hrs	14 days
Manzate Pro-Stick	2 lbs	24hrs	14 days
Dithane M45	2 lbs	24hrs	14 days
Dithane F-45	1.6 qts	24hrs	14 days
Koverall	2 lbs	24hrs	14 days
Penncozeb 80WP	2 lbs	24hrs	14 days
Penncozeb 75DF	2 lbs	24hrs	14 days

*There may be other EBDC products available for use in sugar beets. Follow label instructions.

Veltyma Provysol+Headline	10 oz	12hrs	7 days
Brixen Minerva+Azoxytrobin	21 oz	12hrs	14 days
Acropolis Minerva+T-Methyl	32 oz	24hrs	21 days
Lucento Topguard+SDHI	5.5 oz	12hrs	21 days
Delaro Proline+Trifloxystrobin	11 oz	12hrs	21 days
REGEV Inspire+TTO	8.5 oz	12hrs	7 days

*Premixed fungicide products may not contain two effective modes of action (most do not). If these products are used, they should be tank mixed with an EBDC.
****Be aware of which triazole is in the premix so that we are not applying more than one triazole from a resistance group per season.**
*****Delaro does not contain a full rate of Proline.**

Copper Products	Rate/Acre	REI	PHI
Badge SC	2 pts	48hrs	0 day
Champ 2 Flowable	2 pts	48hrs	0 day
Cuprofix Ultra	2 lbs	48hrs	0 day
Kocide 3000	1.25 lbs	48hrs	0 day

*There may be other copper products available for use in sugar beets. Follow label instructions.
***Do not apply glyphosate within 7 to 10 days of a copper product as this may cause phytotoxicity.**

The information contained in this quicksheet is meant to provide options for a CLS fungicide program for your operation in 2024. However, it can not provide all the details for every application. **Consult your agriculturalist and the product label.**

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