

# Tank-mixing at Work...



- 1. Tin
- 2. Triazole
- 3. Tin
- 4. Triazole
- 5. Tin

Cost:  
\$52/a



- 1. Tin + Topsin
- 2. Triazole + Copper
- 3. Tin + EBDC
- 4. Triazole + EBDC
- 5. Tin + Copper

Cost:  
\$96/a

27.9 TPA  
7,298 lbs/A

32.8 TPA  
9,125 lbs/A

**+ \$170/A**



# It's Not Business as Usual...

- No glyphosate + fungicide tank-mixes
  - Fungicide – high water volume and high spray pressure
  - Glyphosate – low water volume and low spray pressure
  - Convenience will have to be sacrificed to get control
- Higher Water Volumes
  - Aerial Applications – 5 GPA
    - Make a ground application(s) to cover areas of field that aerial application can not cover
  - Ground Applications – 20 GPA
    - Pay close attention to nozzle type and PSI

# Rainfall & Fungicides...



- 3 Factors of fungicide washing:
  - *Rain Volume*
  - *Rain Intensity*
  - *Application Dry Time*
- Protectants are naturally the most susceptible to washing
  - EBDCs and Coppers are a greater risk than TPTH
- Systemics are not immune from washing off
  - Rainfast is critical
  - Become 'diluted' inside the leaf after a rain
- Our program is designed so protectants are combined with systemics as much as possible
  - Keeping at least one active ingredient at a lower risk of washing
  - Sprays #3 (TPTH + EBDC) and #5 (TPTH + Copper) pose the greatest threat



# General Rule of Thumb...

- **Less than one inch** of 'normal' rain since the last spray should not significantly affect fungicide residues.
- **One to two inches of rain** since the last spray (or < 1" delivered in a heavy downpour) will reduce the residues by roughly one-half.
  - Reduce the number of days until the next spray by one-half
  - If the next spray is scheduled for 10-12 days, then reduce that interval to 5-6 days.
- **Over two inches of rain** since the last spray will remove most of the spray residue. Reapply the tank-mix as soon as possible.

# Should I be using adjuvants for CLS?



- Always use full – labeled fungicide rates
- Jury is still out on these types of products

