

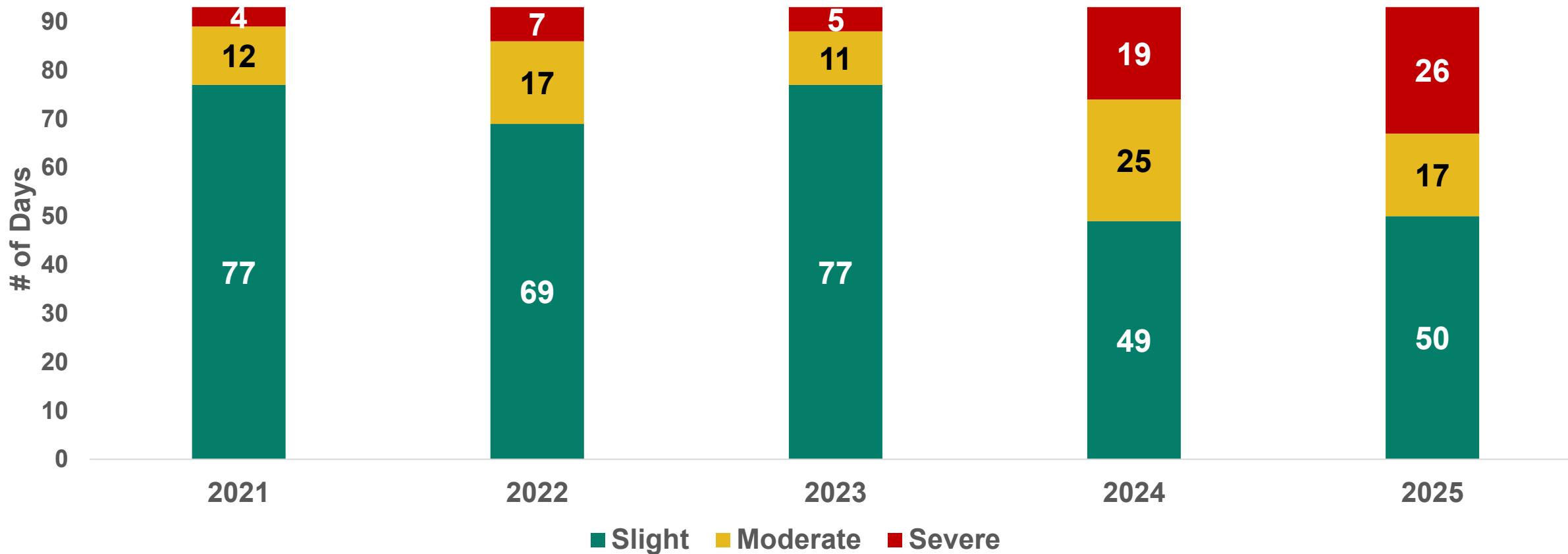


# 2026 CLS Recommendations

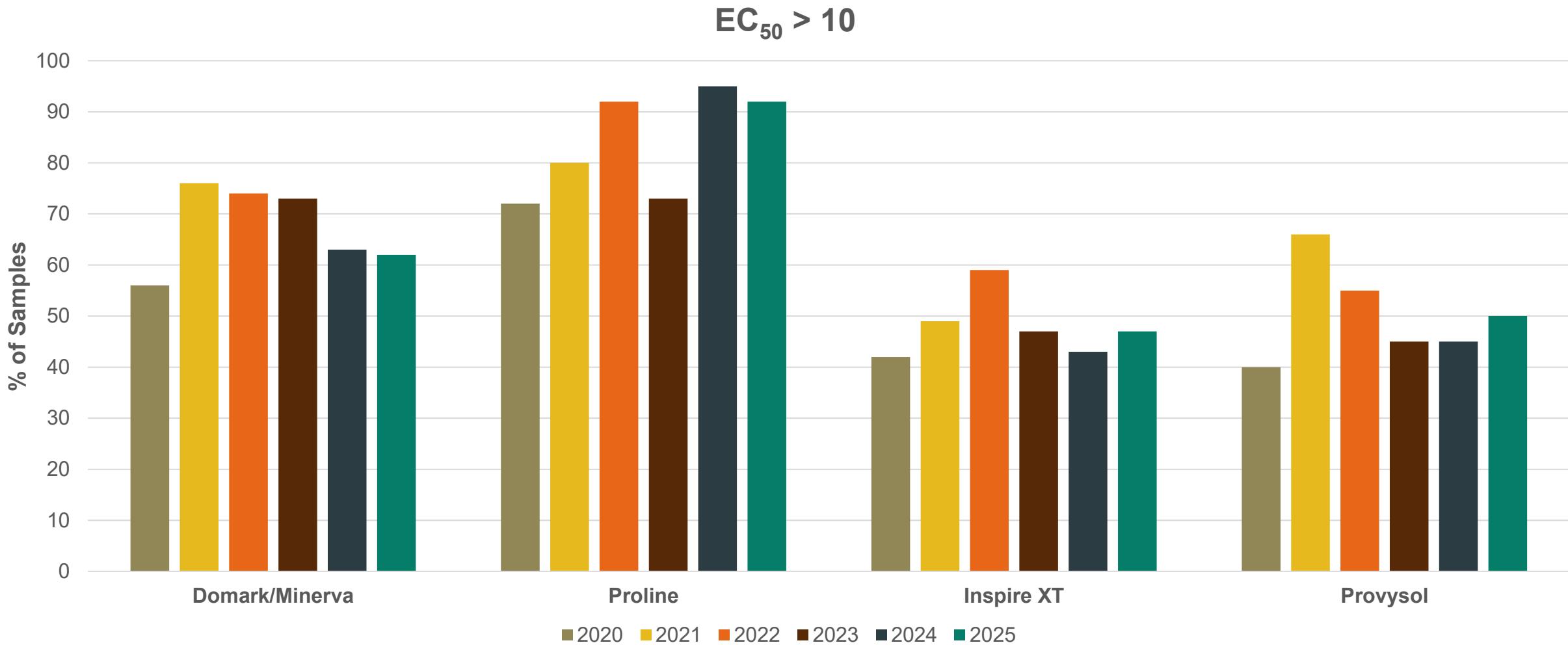
Emma Burt  
Research Agronomist

# CLS & MDFC

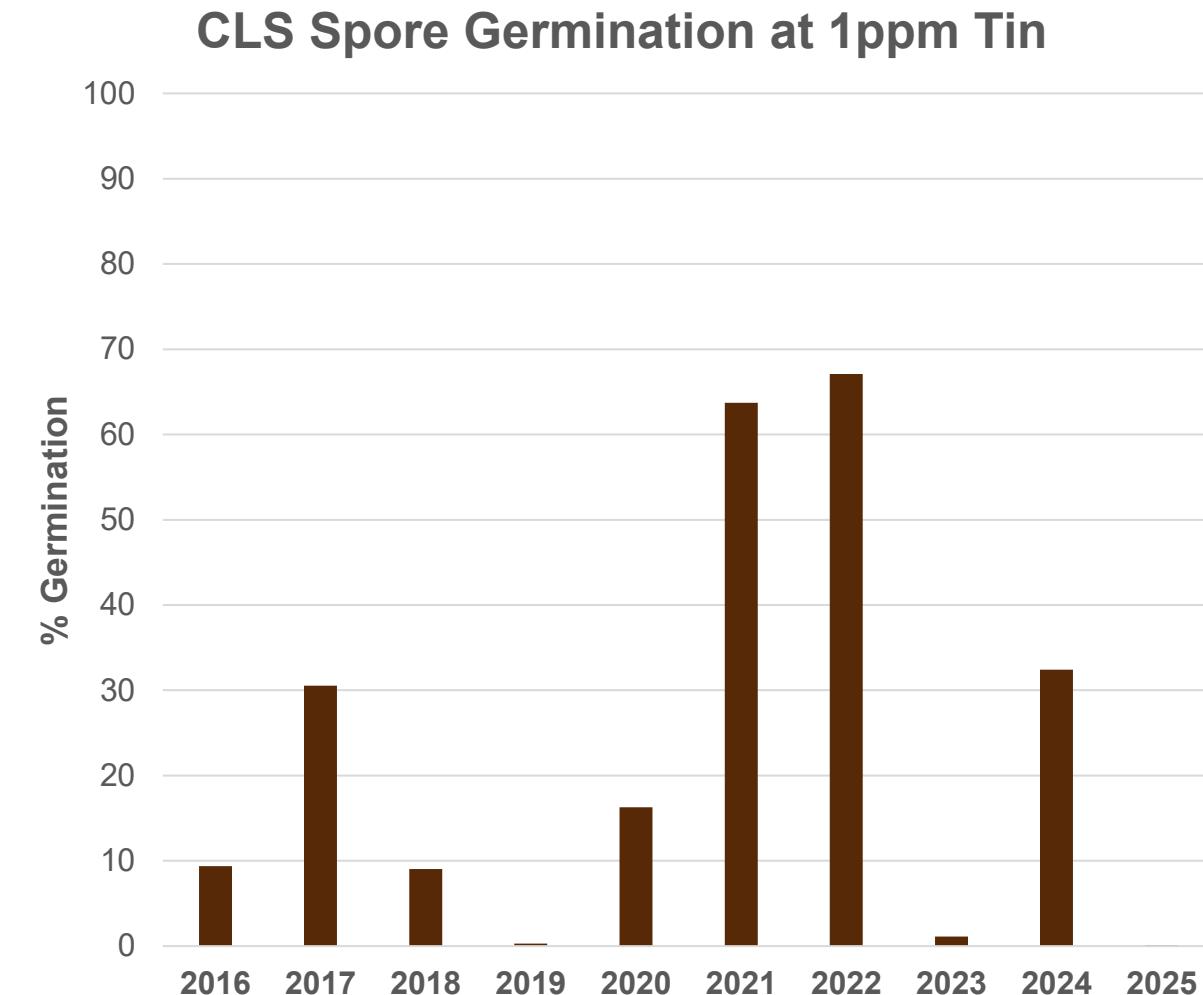
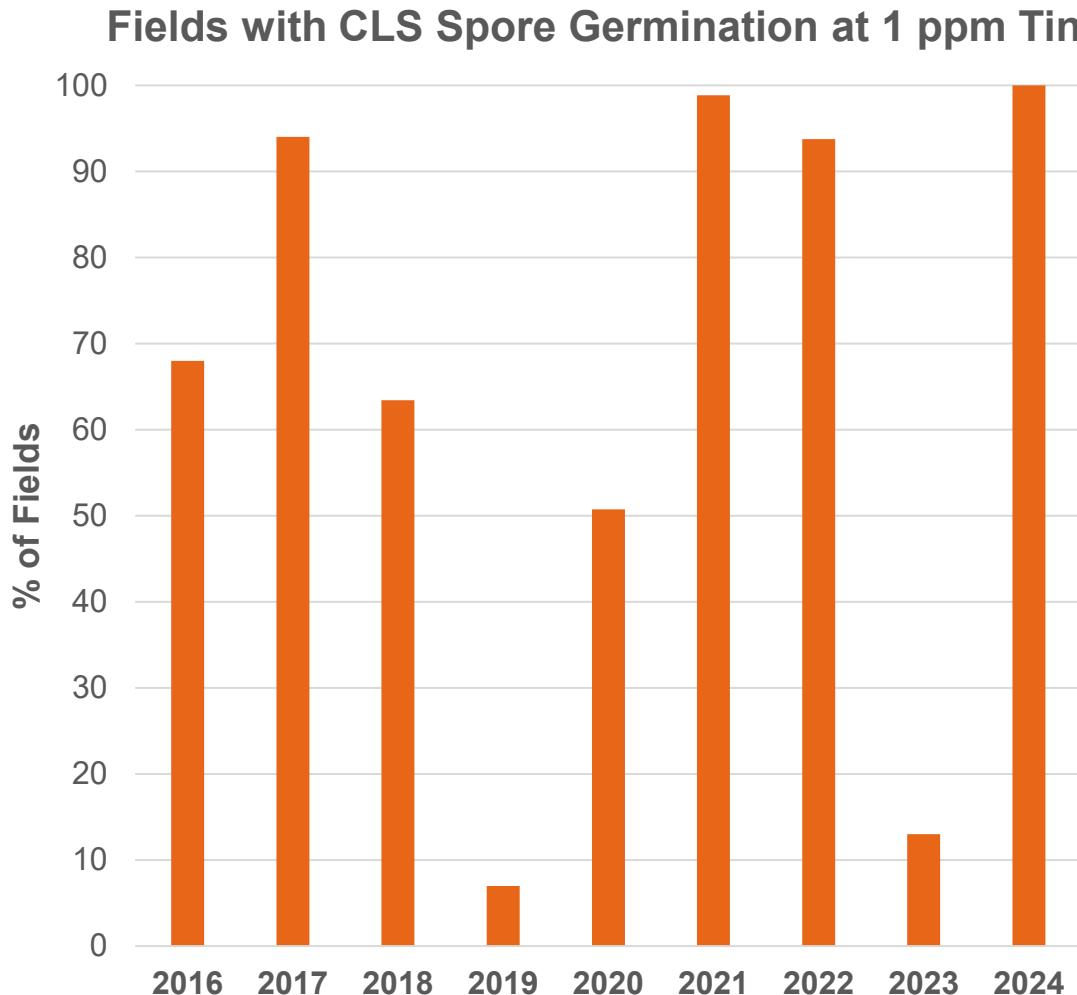
- High inoculum from 2025



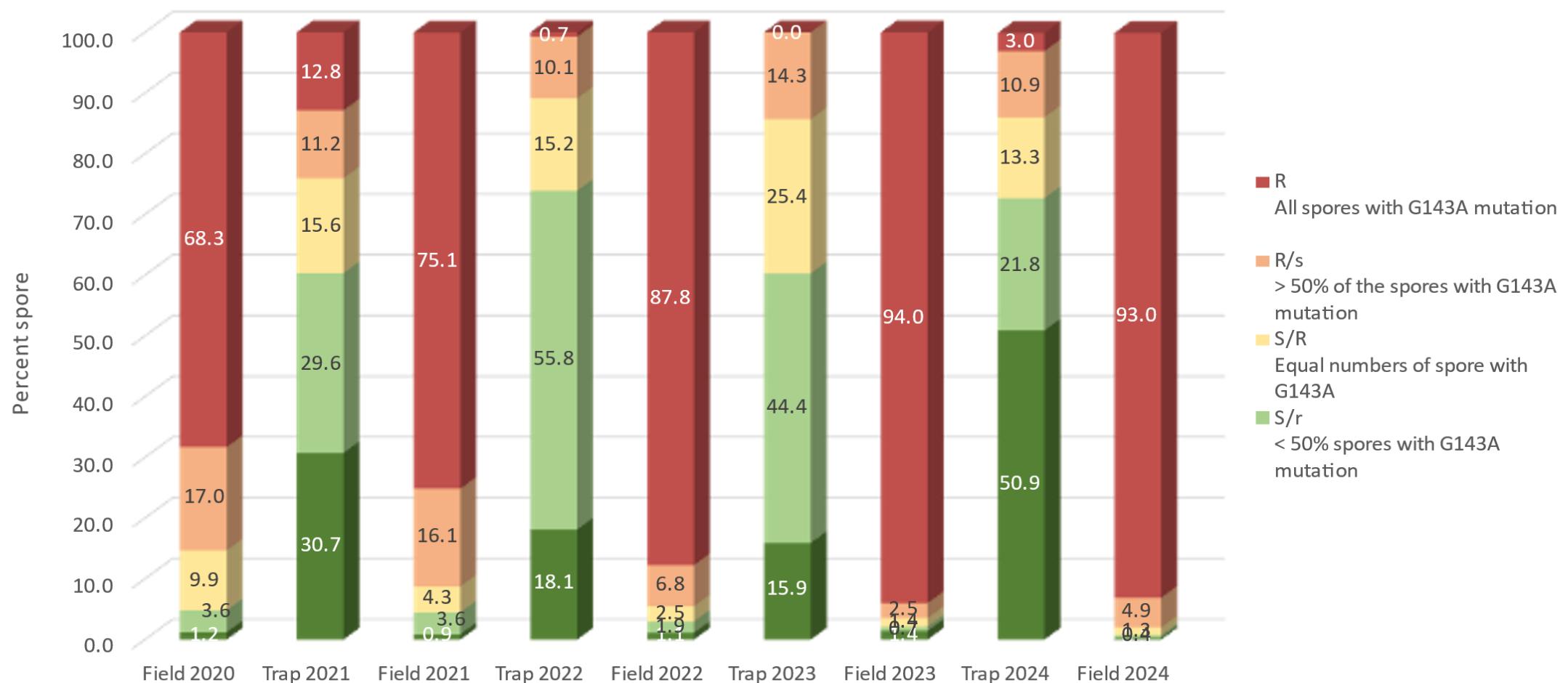
# Triazole Fungicide Resistance



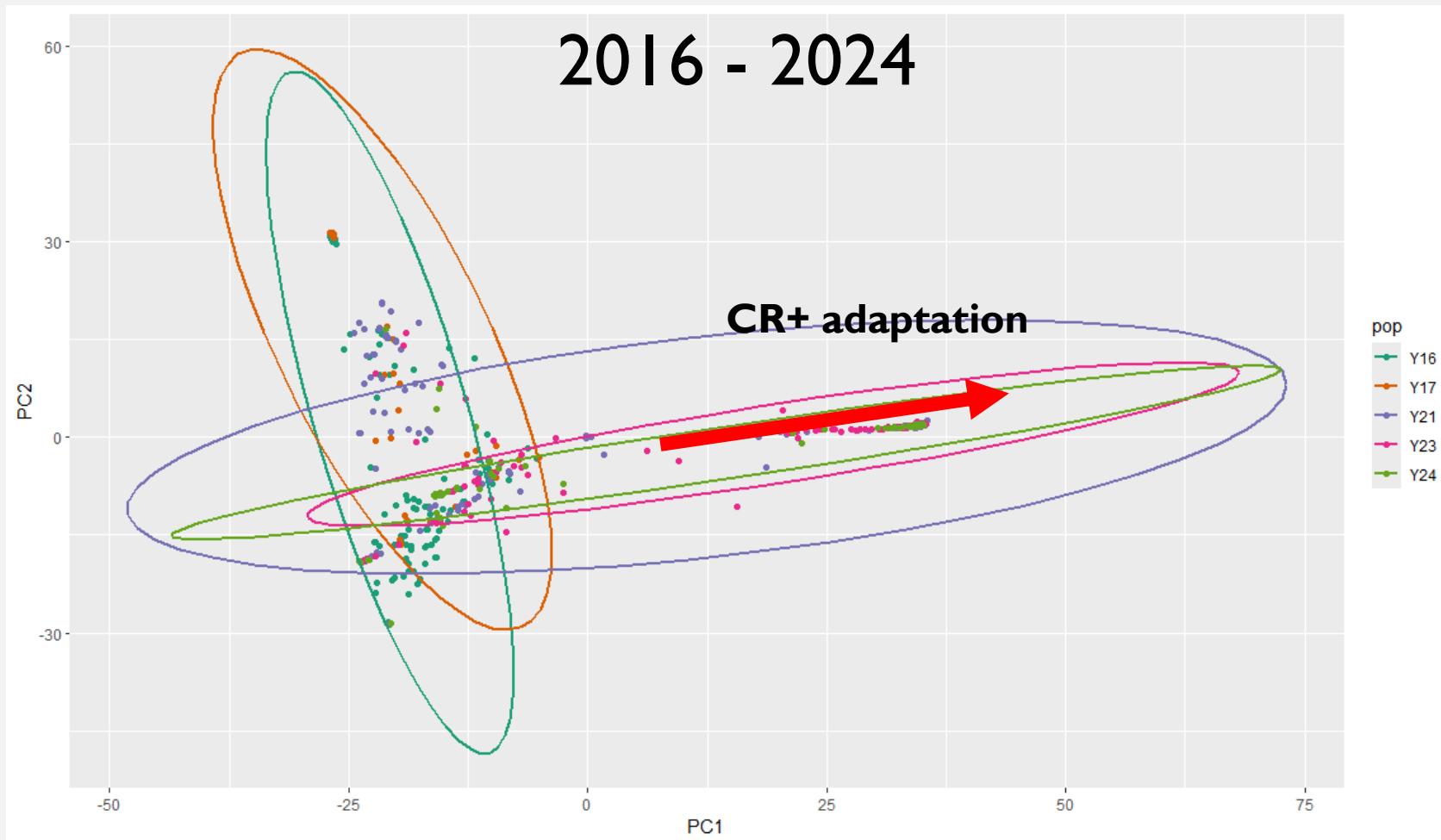
# Tin Fungicide Resistance



Comparison of sensitivity to Headline of *C. beticola* isolates to Headline from spore traps at the beginning of the season and isolates collected at end of the growing season



# *C. beticola* population dynamics



Percent of isolates adapted to CR+ in 2024: **76.3%**



# 2026 MDFC Fungicide Program

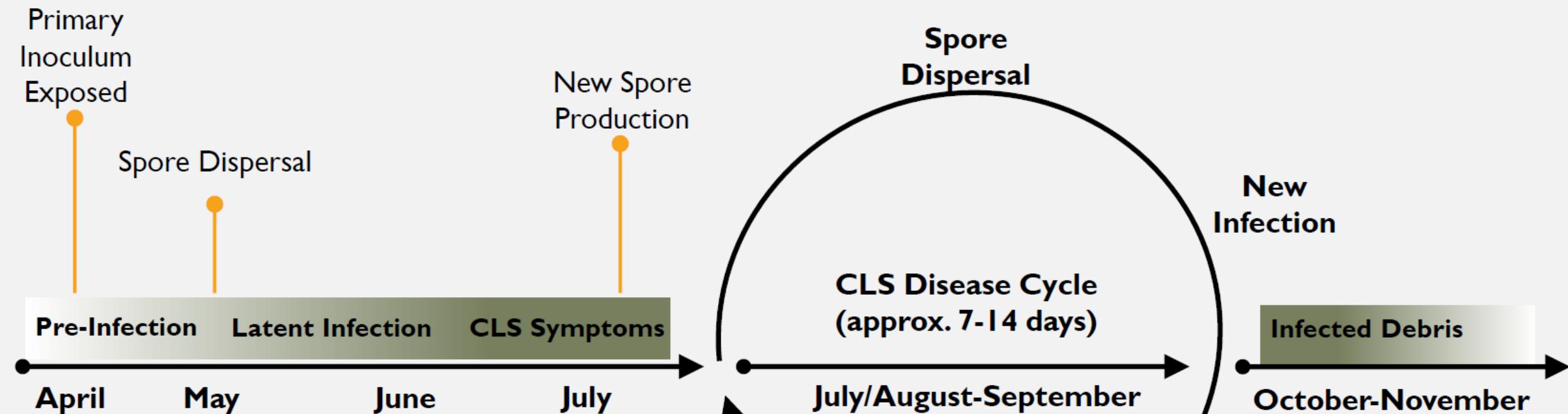
1. Proline + EBDC
2. Tin + Topsin
3. Qol + EBDC
4. Tin + EBDC
5. Inspire XT\* or Provysol\* + EBDC
6. Tin + EBDC
7. Triazole\*\* + EBDC

**Remember to rotate the triazoles:**

*\*Inspire XT / Provysol / REGEV / Luna Flex*

*\*\*Domark / Minerva / Lucento / Topguard*

# CLS disease cycle



When do spores disperse?

**Before planting.**

What conditions promote spore germination?

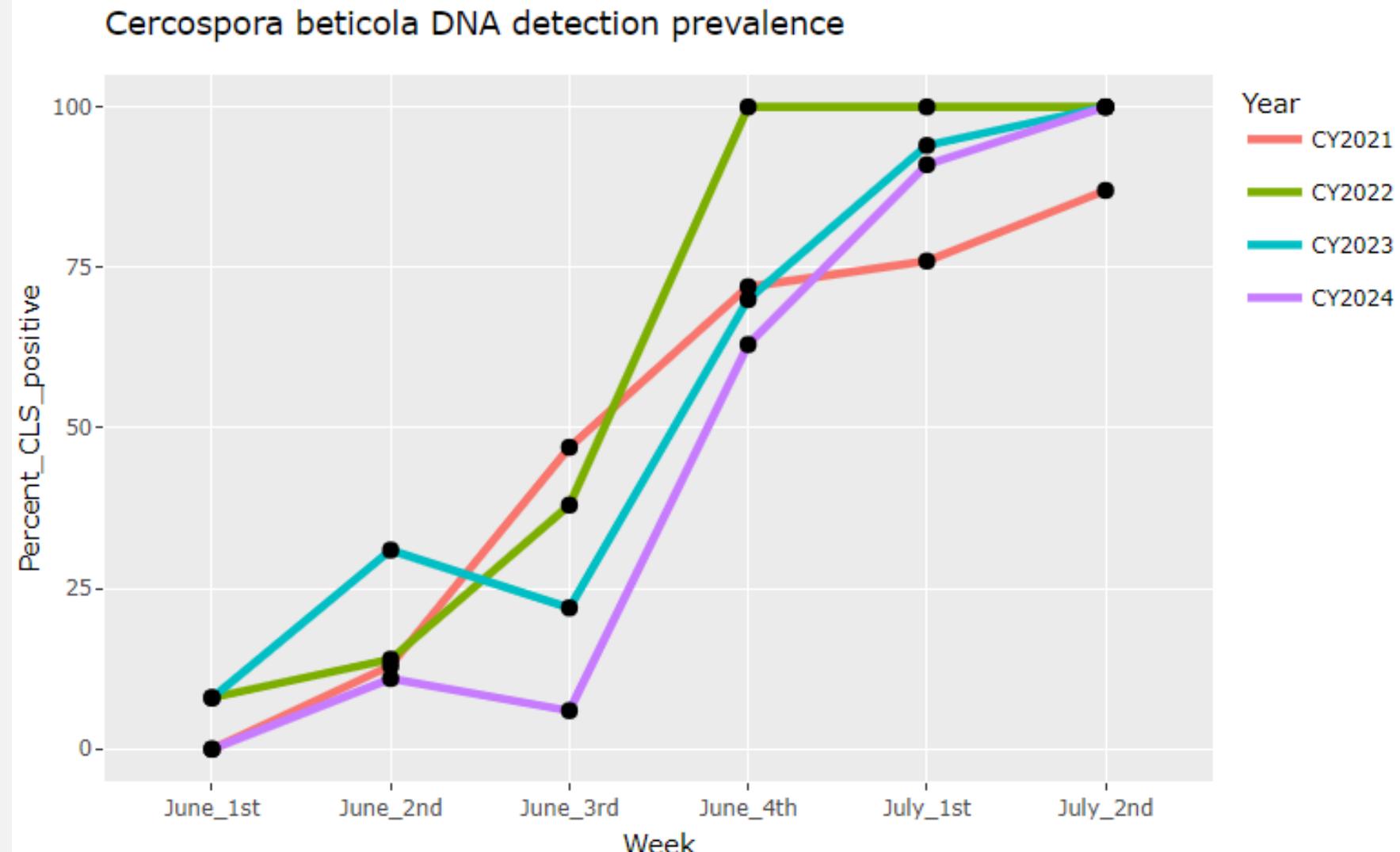
**Free water and temperatures  $>10^{\circ}\text{C}$**

When does latent infection begin?

# 2021-2024 Latent CLS prevalence

## Primary results

- Near **100%** of submitted samples are **positive** for latent CLS infection by the **first week of July** (~row closure)



# Fungicide cross resistance

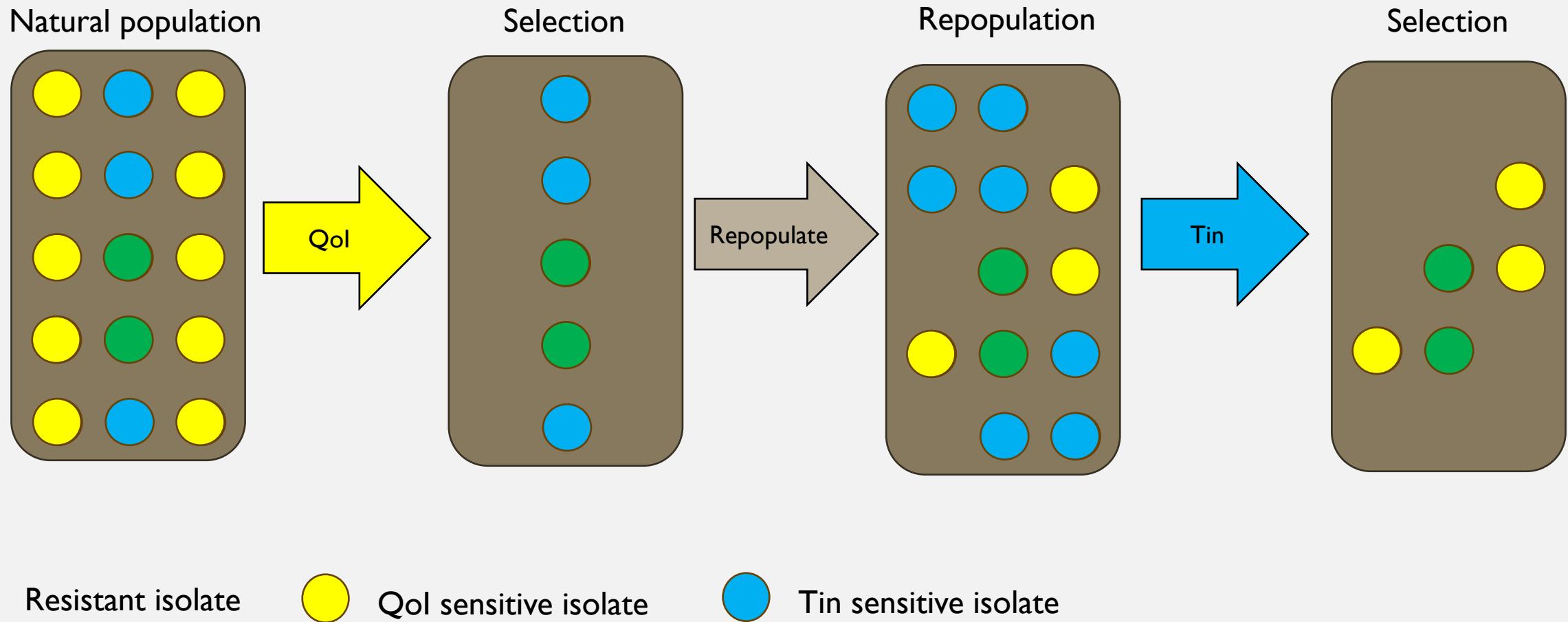
Fungicide	Commercial product	Headline	Topsin	Domark	Proline	Inspire	TPTH
Strobilurin	Headline	1.00					
Benzimidazole	Topsin	0.18	1.00				
Triazole	Domark	0.69	0.33	1.00			
Triazole	Proline	0.53	0.41	0.92	1.00		
Triazole	Inspire	0.51	0.37	0.59	0.60	1.00	
Tin	TPTH	0.40	0.21	0.48	0.54	0.43	1.00

## Primary results

- Cross resistance is relatively low between different chemistries
- Tank Mixing multiple chemistries as an effective strategy
- No EBDC resistance has been detected.

- Cross resistance scored from 0.00 to 1.00 with higher values indicating higher degrees of cross resistance.

# Management is selection





# Cercospora Leaf Spot – 2026

- First application **just prior to row closure**
  - Target 4<sup>th</sup> week of June (~June 25<sup>th</sup>)
- Stay on schedule – **10-12-day intervals**
  - Adjust for rain/weather
- **Spray ahead of forecasted rain event**
- **Tank-mix**
  - Widespread, patchy resistance to DMI/tin/QoI
  - No resistance ever reported to EBDC since registration in 1948
- **Full rates**
- **20 GPA** water volume
  - Coverage is key