

# Trial Info.



- Planted: May 6, 2021
- Inoculated: June 30, 2021
- Harvested: September 23, 2021
- Location: Sec. 16, SE ¼; Foxhome Twp., Wilkin County
  
- Objective: Determine the most effective fungicide program for CR+ and Traditional varieties.

# Trial Info.

- Five fungicide programs were tested:
  - Traditional Rec:
    - Follow the MDFC Traditional program – start on time and spray all season (7 sprays)
  - CR+ Rec:
    - Follow the MDFC CR+ program – “One, two, skip a few” (4 sprays)
  - Tins:
    - Apply Tin + EBDC each application (5 sprays)
  - Triazoles:
    - Apply a Triazole + EBDC or Copper every other application (4 sprays)
  - Late start:
    - Start at the end of July and finish the MDFC Traditional program (4 sprays)
- Varieties tested:
  - ACH 082 (CR+) ~ CLS rating 2.13
  - ACH 950 (Traditional) ~ CLS rating 3.65



# CLS Rating Scale



**Category 1**  
1-5 spots/leaf  
0.1% severity



**Category 2**  
6-12 spots/leaf  
0.35% severity



**Category 3**  
13-25 spots/leaf  
0.75% severity



**Category 4**  
26-50 spots/leaf  
1.5% severity



**Category 5**  
51-75 spots/leaf  
2.5% severity



**Category 6**  
3% severity  
PROVEN ECONOMIC DAMAGE



**Category 7**  
6% severity



**Category 8**  
12% severity



**Category 9**  
25% severity



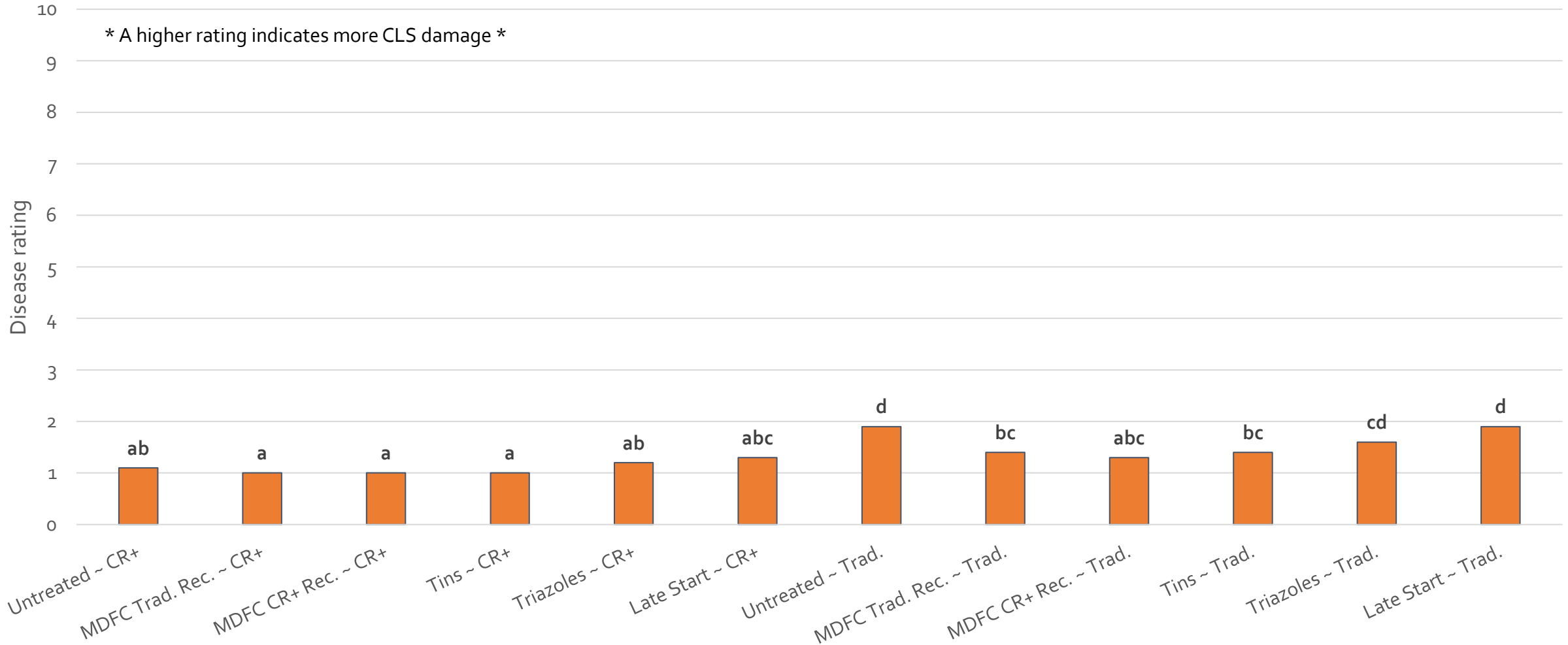
**Category 10**  
50% severity

# CR+ Fungicide Programs



LSD (p=0.10): 0.39  
CV: 24.55

CLS Rating ~ August 4, 2021



\* A higher rating indicates more CLS damage \*

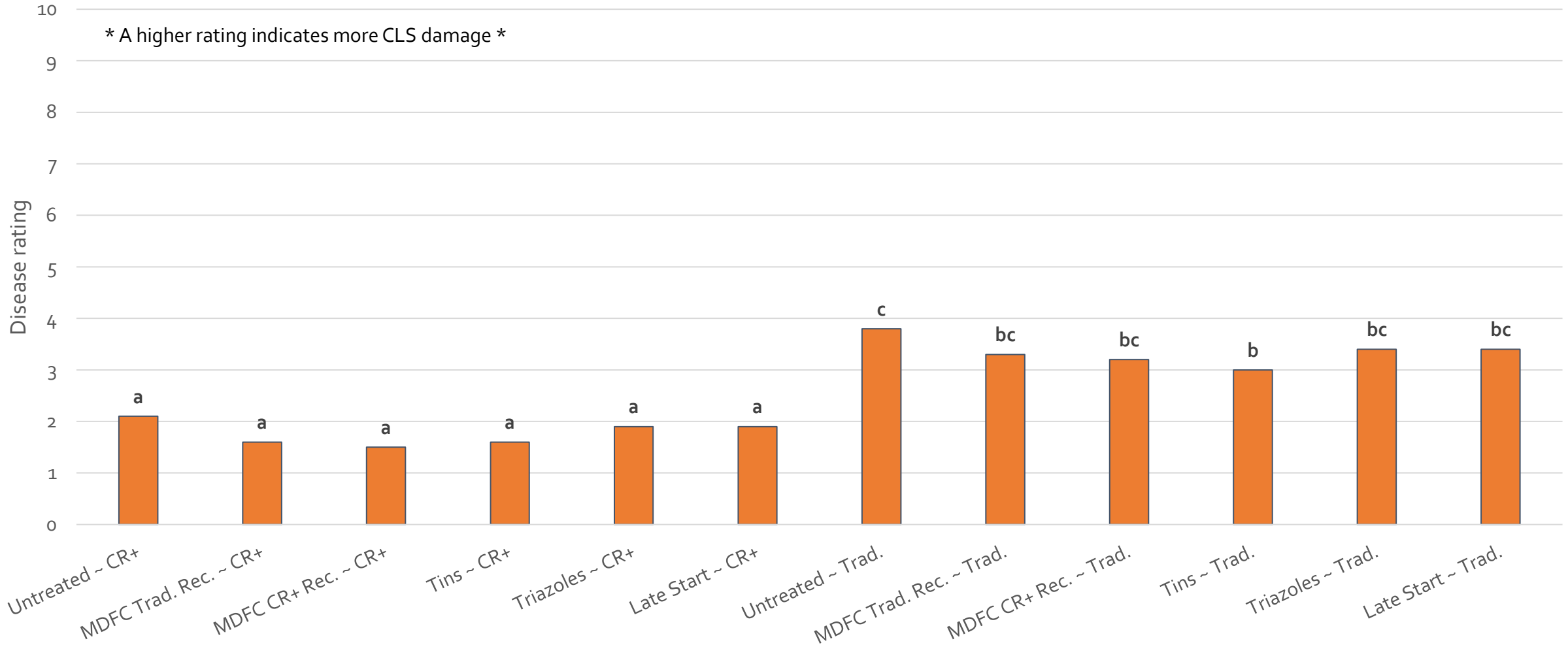
\*Treatments with the same letter are not statistically different\*

# CR+ Fungicide Programs



LSD (p=0.10): 0.76  
CV: 25.09

CLS Rating ~ August 11, 2021



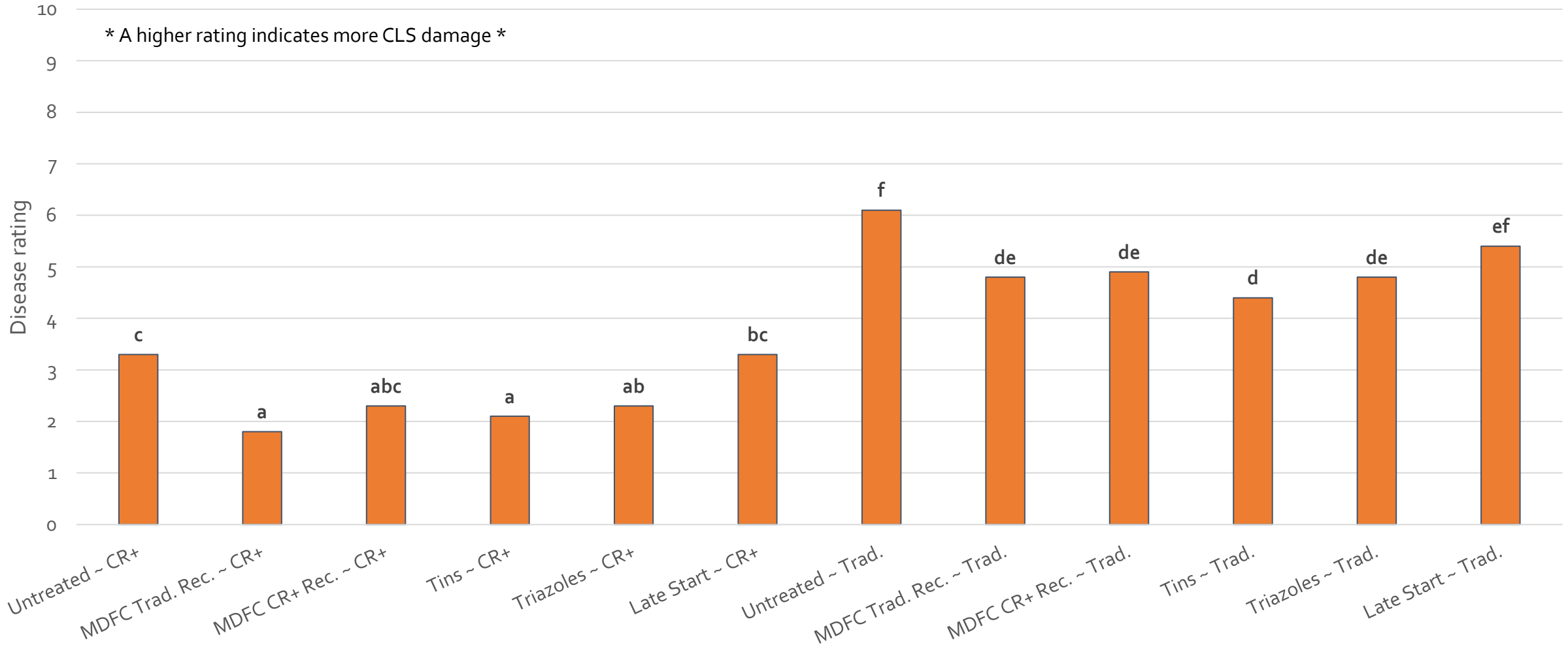
\*Treatments with the same letter are not statistically different\*

# CR+ Fungicide Programs



LSD (p=0.10): 1.02  
CV: 22.42

CLS Rating ~ August 19, 2021



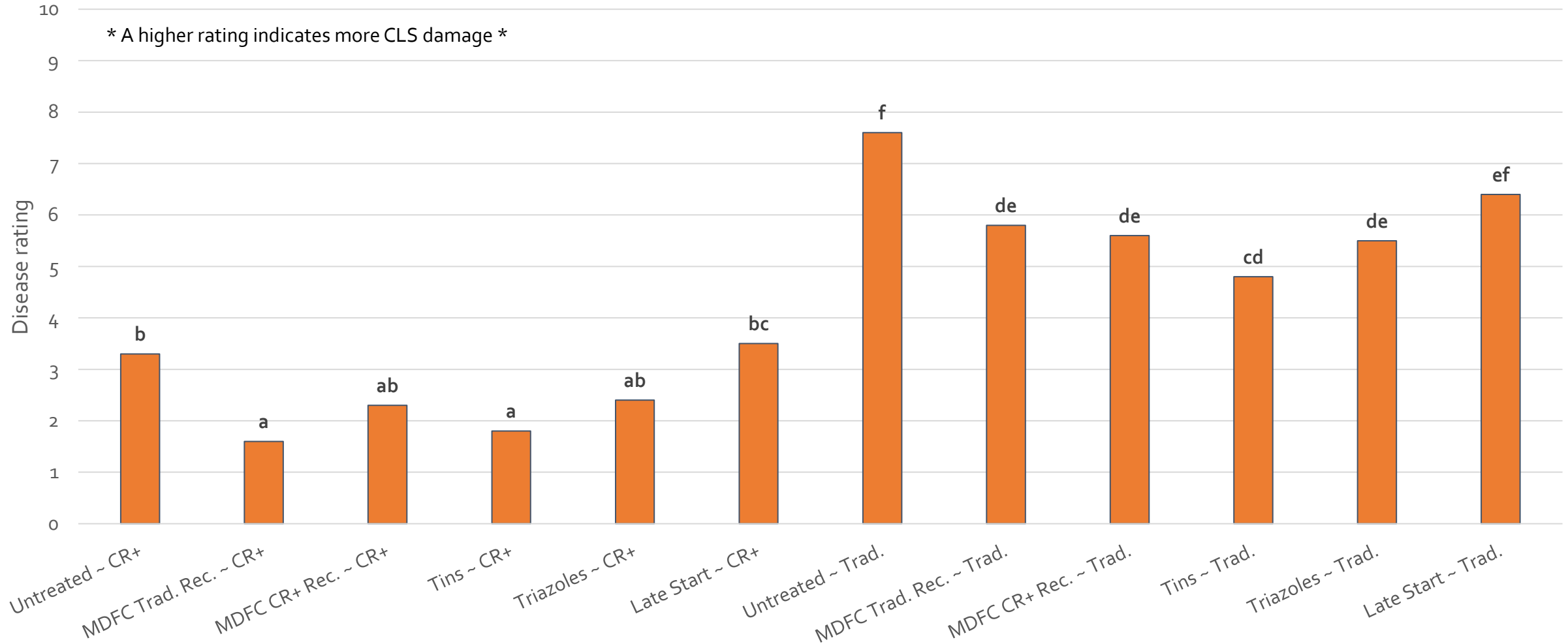
\*Treatments with the same letter are not statistically different\*

# CR+ Fungicide Programs



LSD (p=0.10): 1.43  
CV: 28.54

CLS Rating ~ August 25, 2021



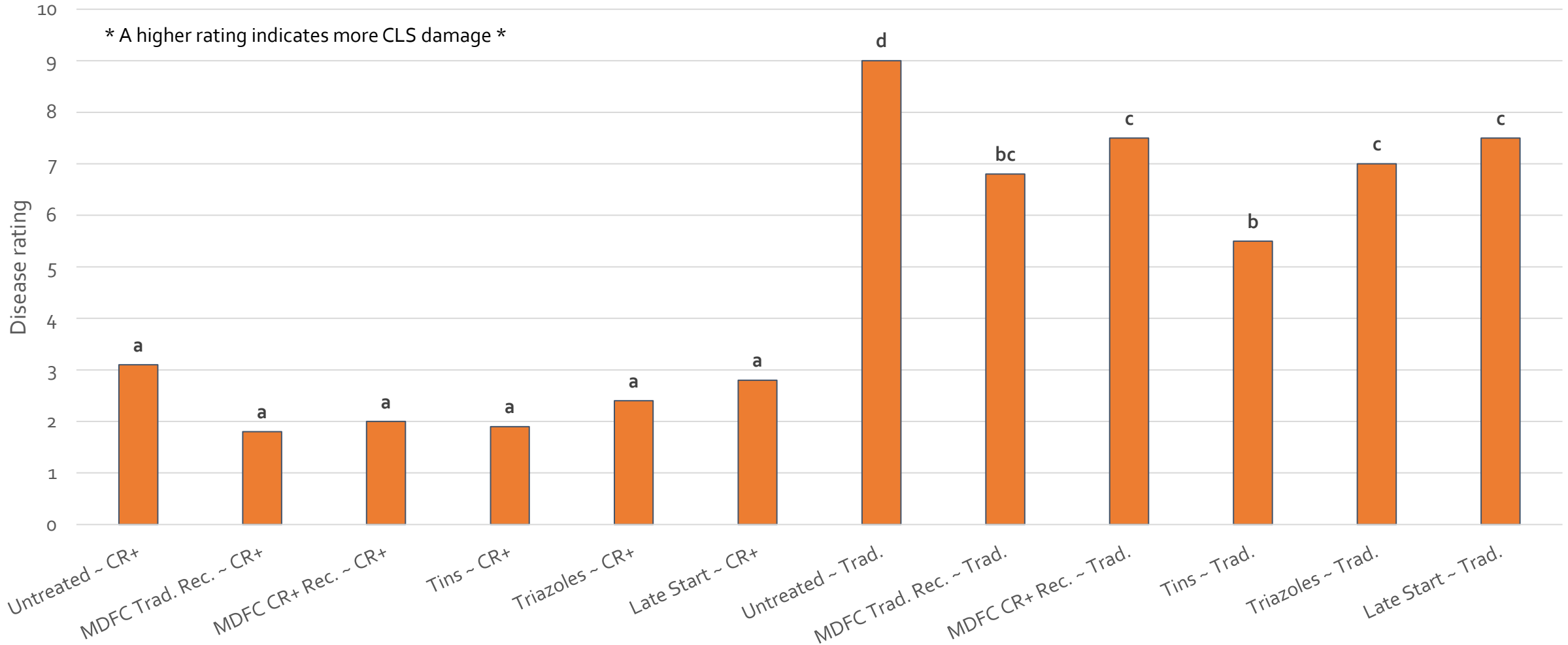
\*Treatments with the same letter are not statistically different\*

# CR+ Fungicide Programs



LSD (p=0.10): 1.39  
CV: 24.36

CLS Rating ~ September 3, 2021



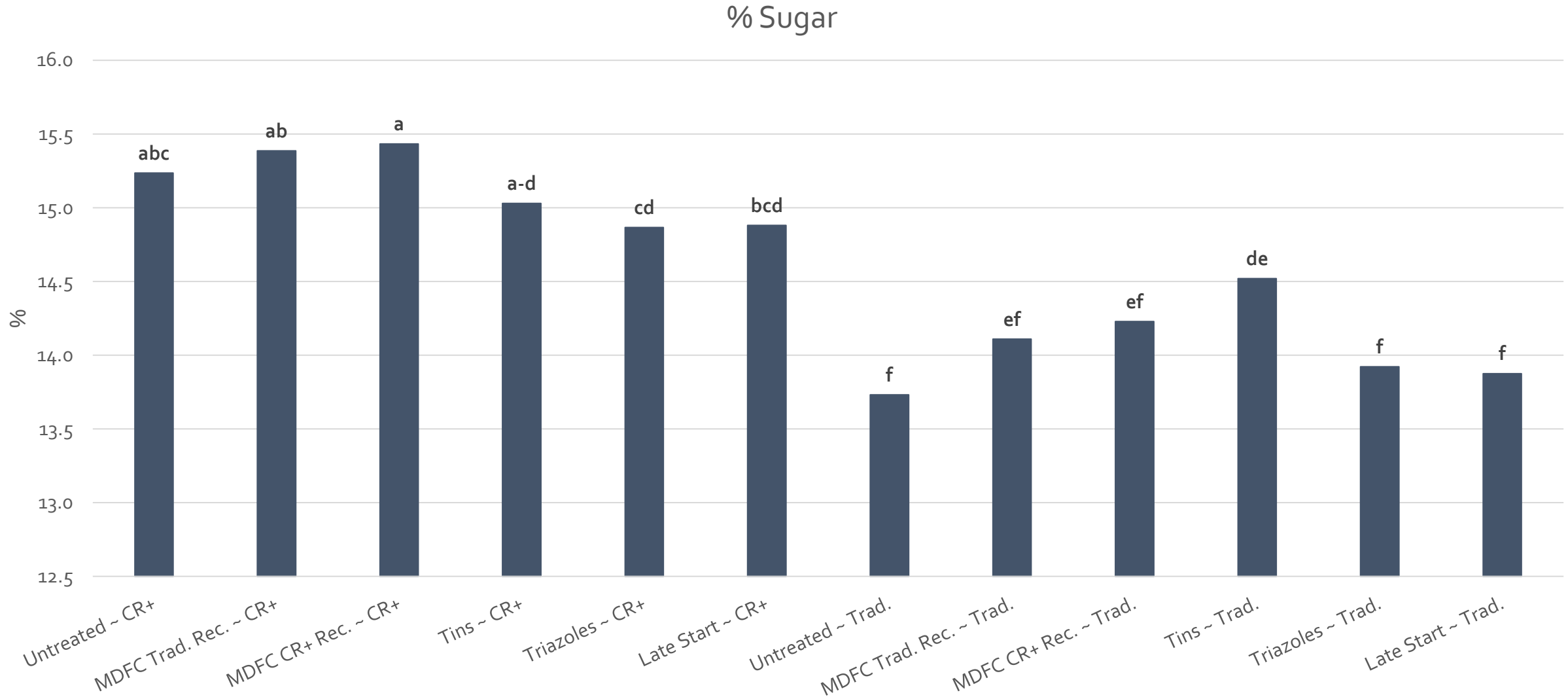
\*Treatments with the same letter are not statistically different\*



# CR+ Fungicide Programs



LSD (p=0.10): 0.52  
CV: 2.97

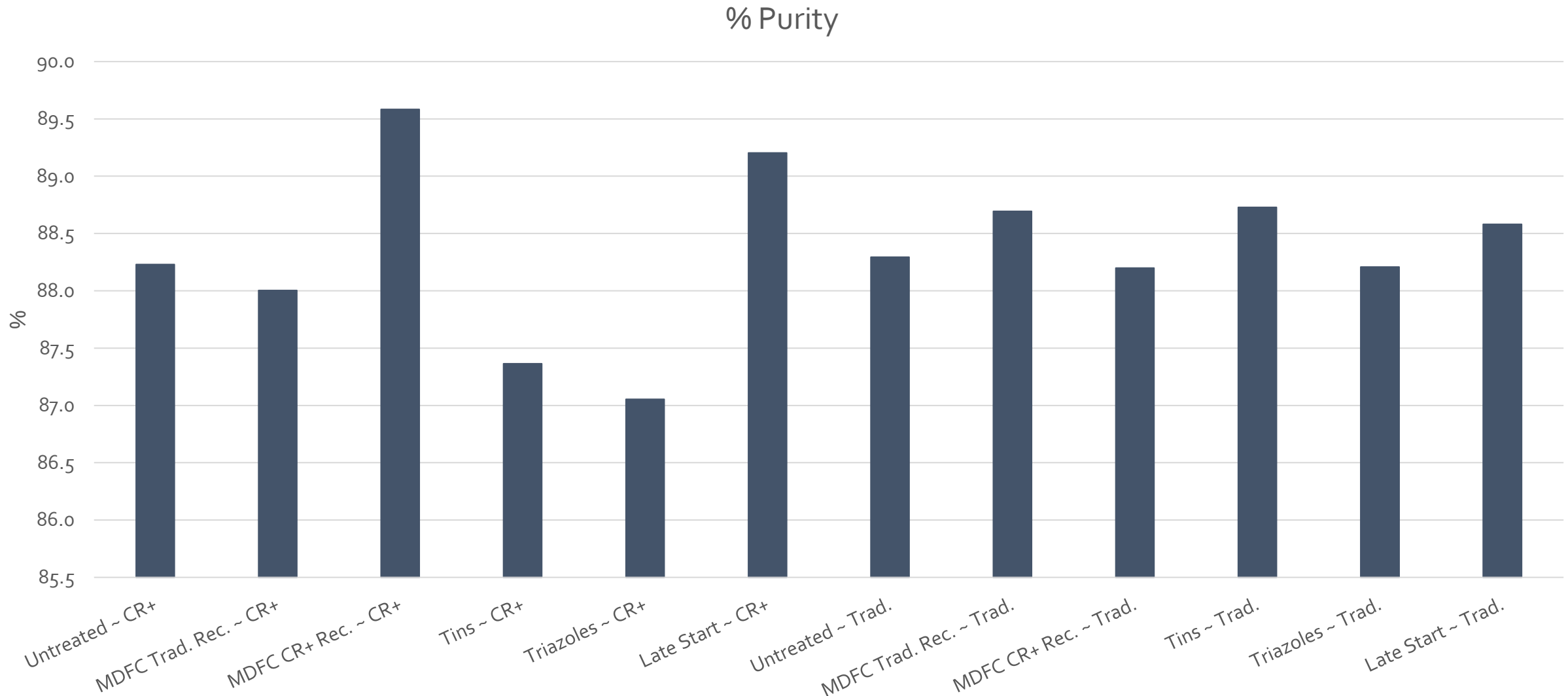


\*Treatments with the same letter are not statistically different\*

# CR+ Fungicide Programs



LSD (p=0.10): NS  
CV: 1.99

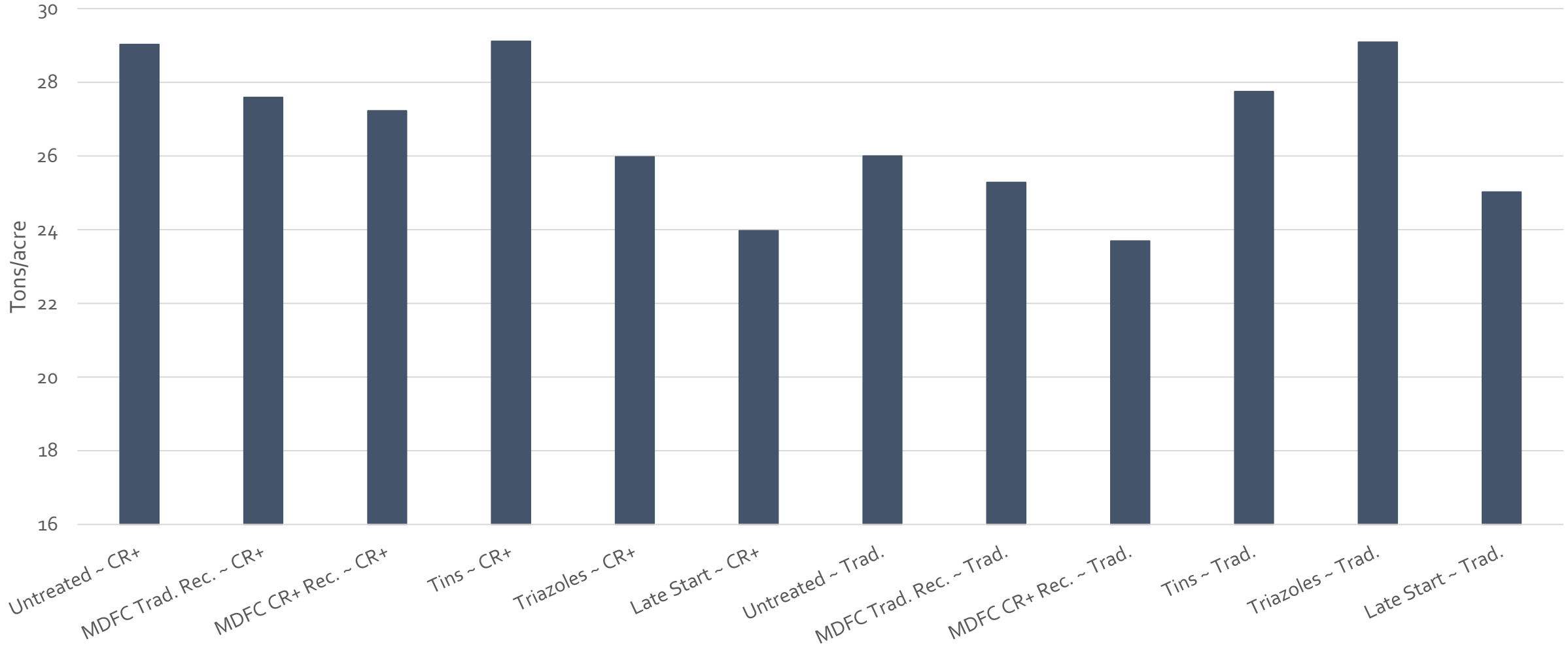


# CR+ Fungicide Programs



LSD (p=0.10): NS  
CV: 27.91

Root Yield

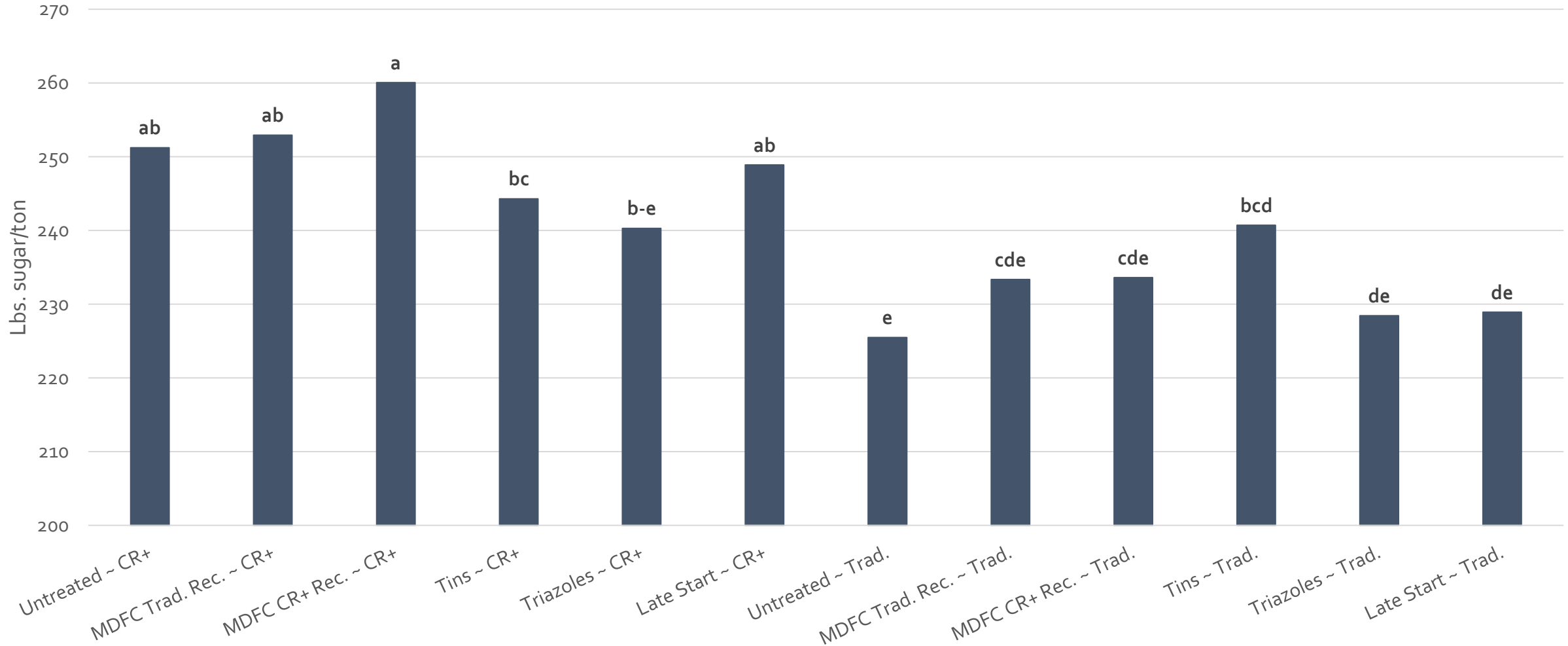


# CR+ Fungicide Programs



LSD (p=0.10): 15.07  
CV: 5.23

Recoverable Sugar per Ton



\*Treatments with the same letter are not statistically different\*

# CR+ Fungicide Programs



LSD (p=0.10): NS  
CV: 28.56

Recoverable Sugar per Acre

