

# Trial Info.

- Planted: May 21, 2019
- Inoculated: July 31, 2019
- Harvested: September 26, 2019
- Location: Sec. 6, SW ¼; Western Twp., Otter Tail County
- Variety: ACH 830

# Trial Info.

- Objective: Determine the triazole + copper tank mix relating to sugarbeet yield and quality.
- Due to a late planting date and subsequent delayed row closure, this trial was not inoculated until later in the season.
- Fungicide applications began one week after inoculation and followed a 10-12 day spray interval.
- Triazole sprayed was Inspire XT.

# 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

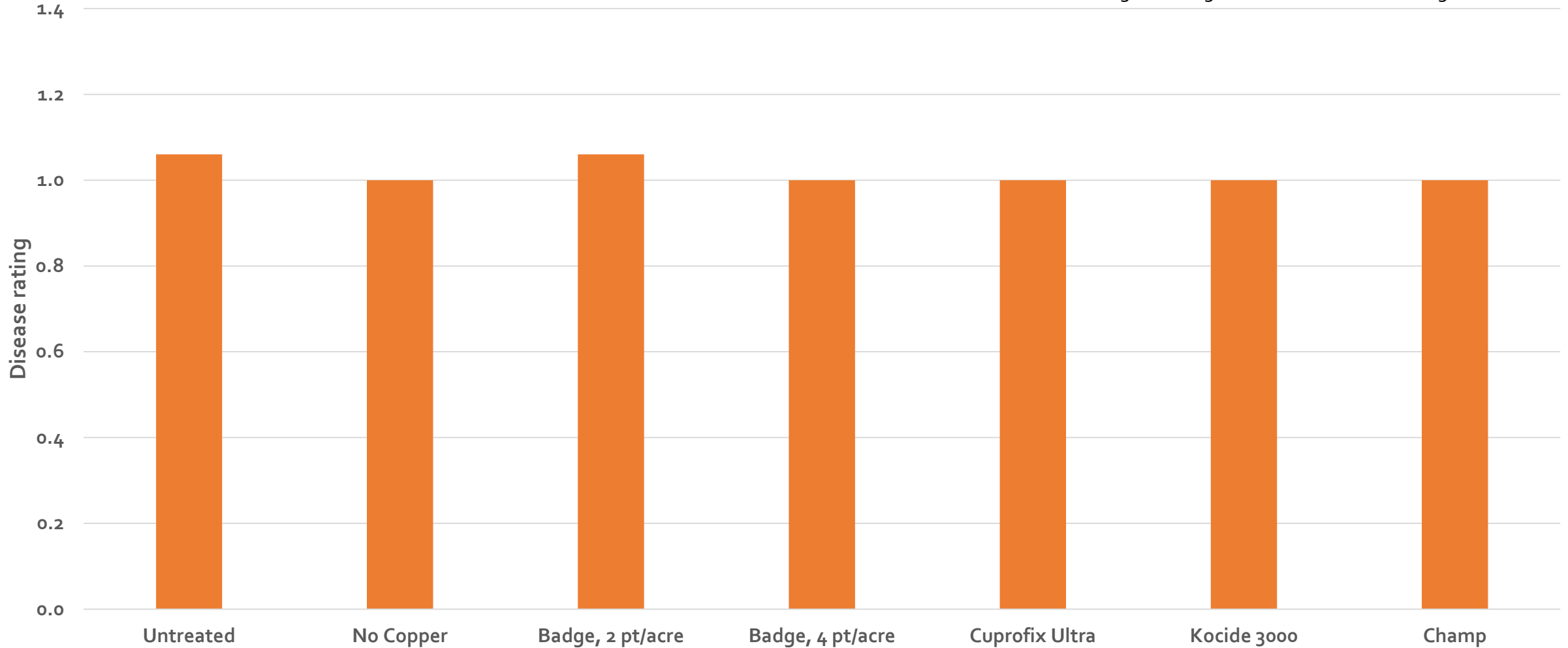
# Triazole + Coppers



LSD (p=0.10): NS  
CV: 6.74

CLS Rating ~ August 16, 2019

\* A higher rating indicates more CLS damage \*



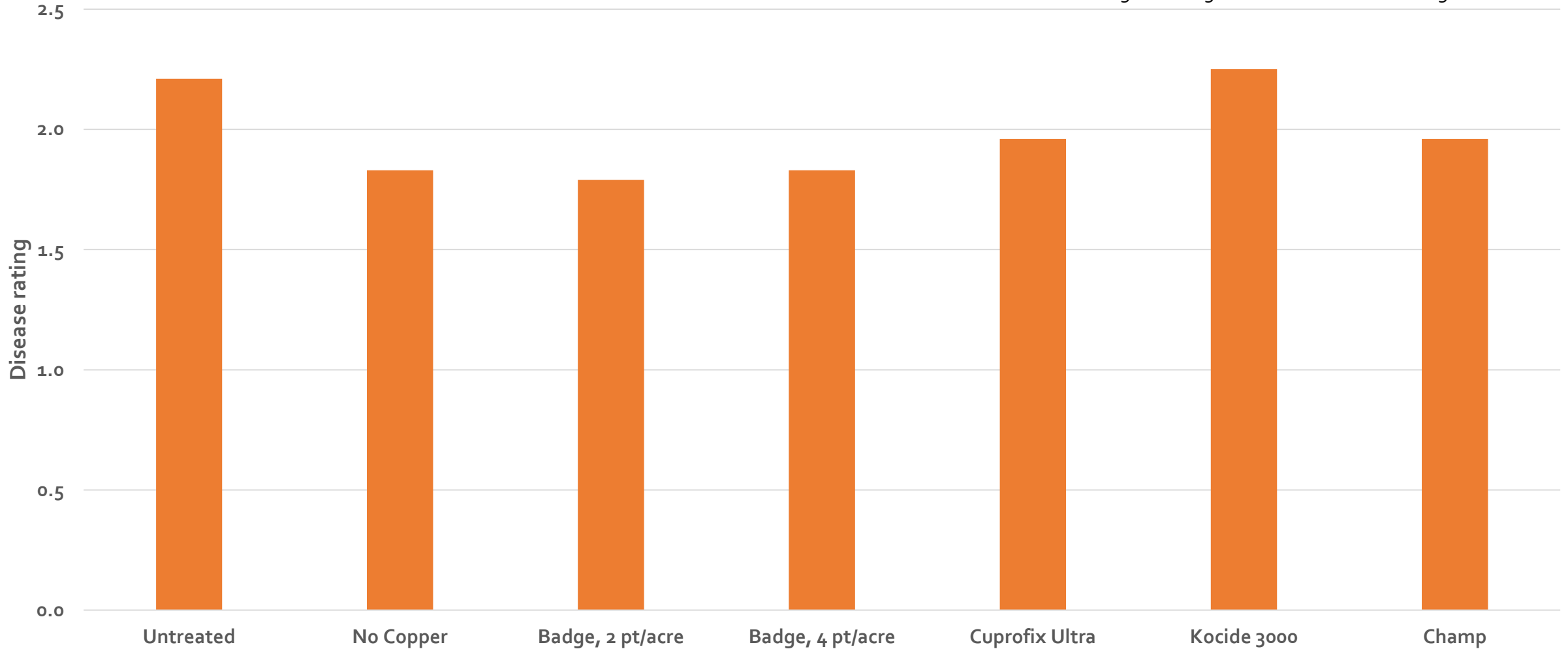
# Triazole + Coppers



LSD (p=0.10): NS  
CV: 17.65

CLS Rating ~ August 22, 2019

\* A higher rating indicates more CLS damage \*



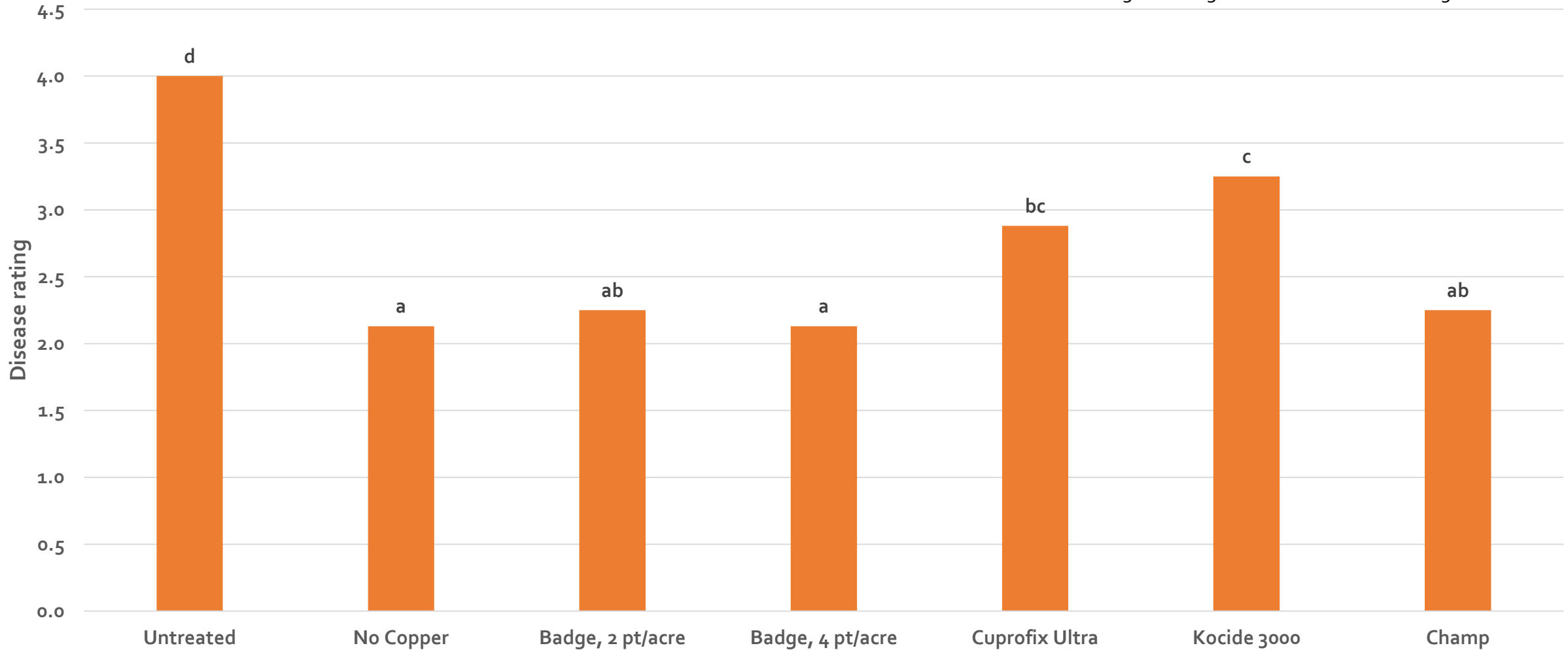
# Triazole + Coppers



LSD (p=0.10): 0.65  
CV: 19.55

CLS Rating ~ September 6, 2019

\* A higher rating indicates more CLS damage \*



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

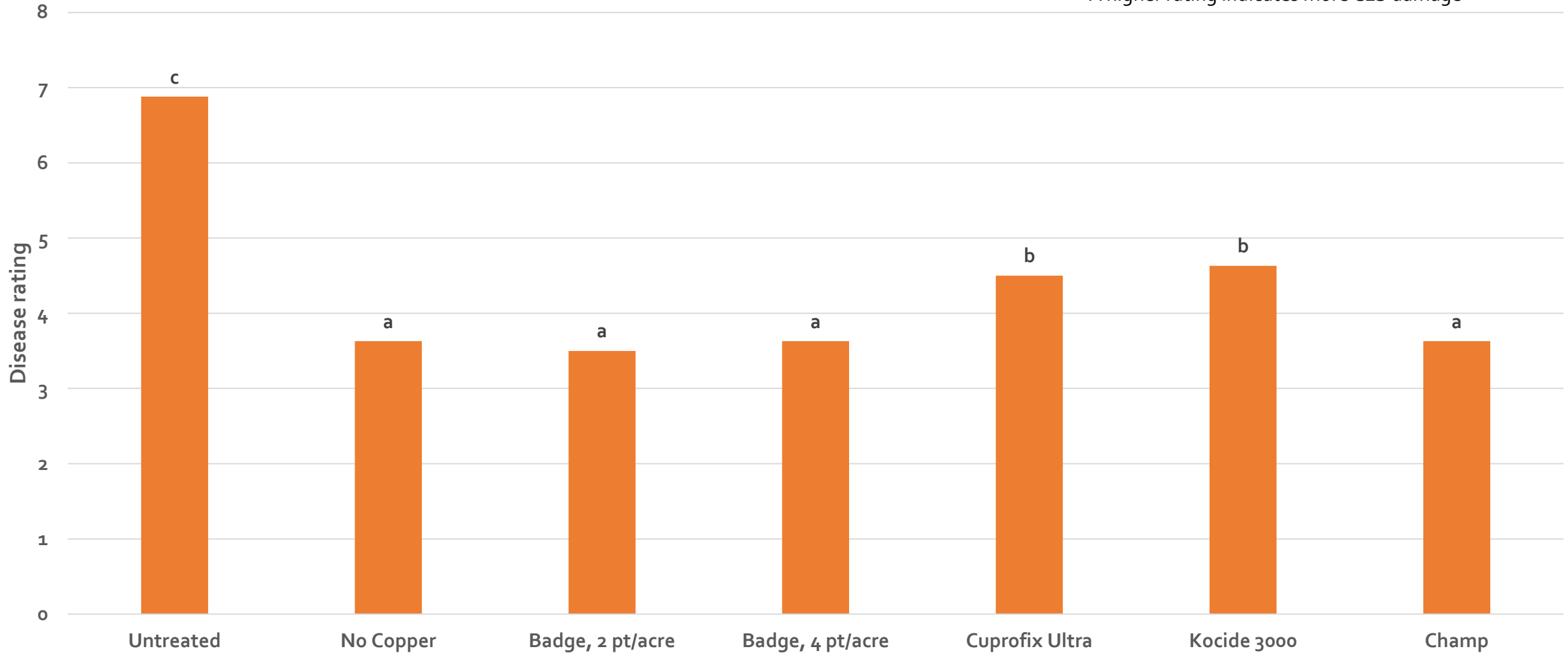
# Triazole + Coppers



LSD (p=0.10): 0.75  
CV: 14.13

CLS Rating ~ September 18, 2019

\* A higher rating indicates more CLS damage \*



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

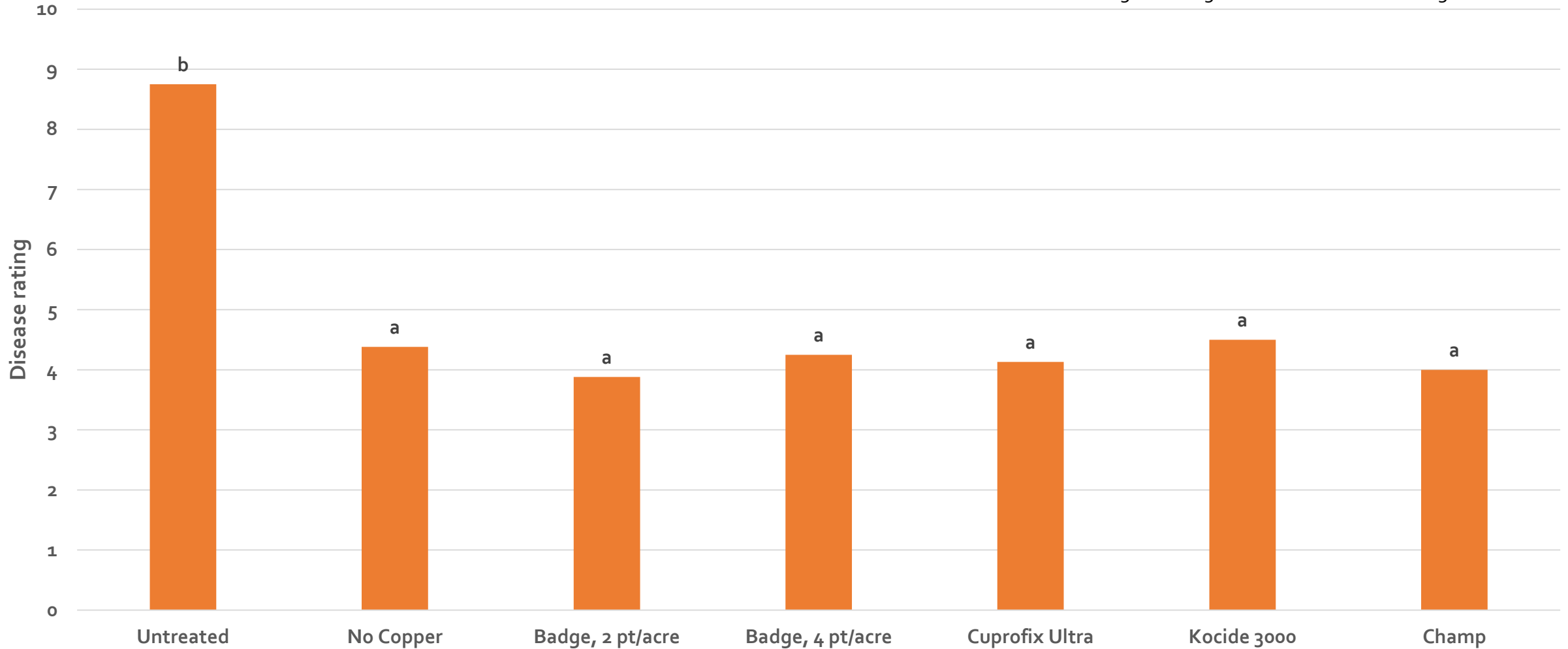
# Triazole + Coppers



LSD (p=0.10): 0.90  
CV: 15.15

CLS Rating ~ September 26, 2019

\* A higher rating indicates more CLS damage \*



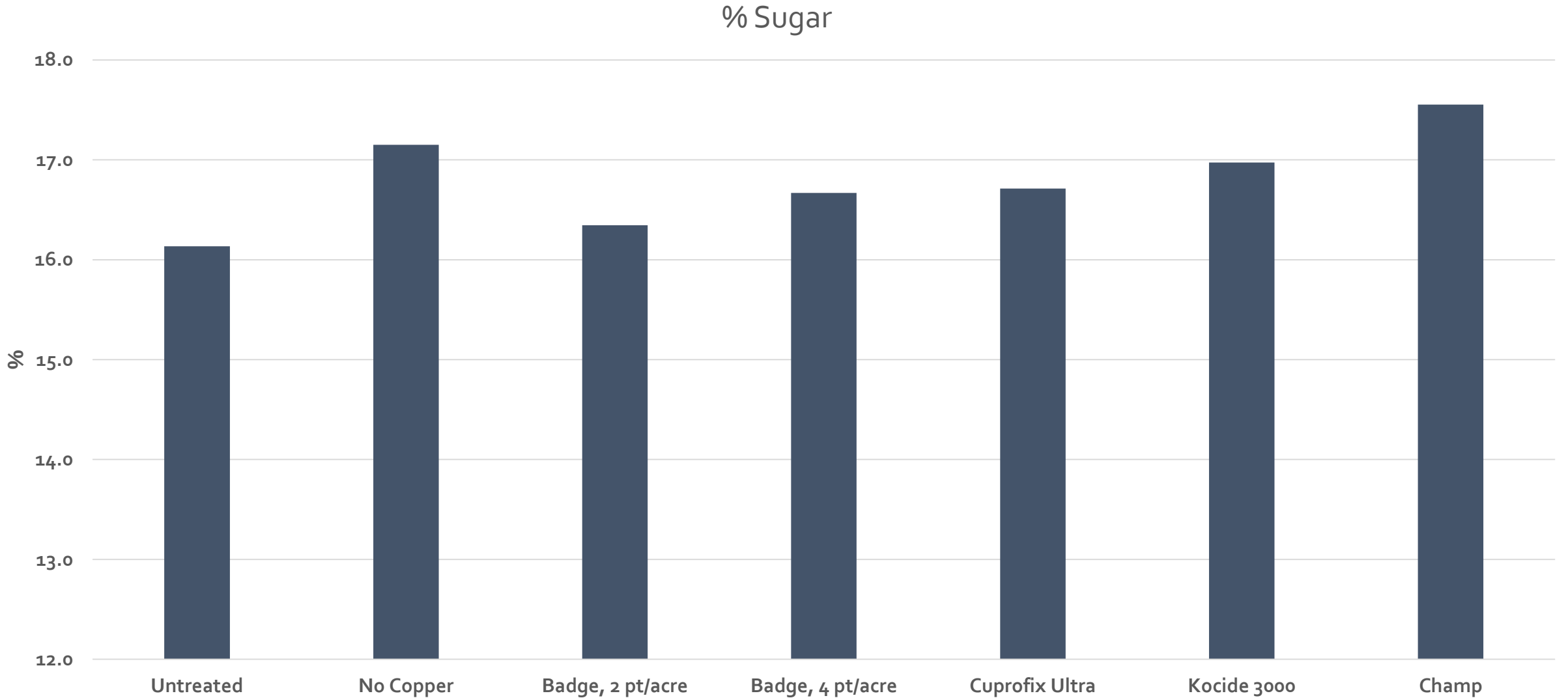
\*Treatments with the same letter are not statistically different\*



# Triazole + Coppers



LSD (p=0.10): NS  
CV: 3.94

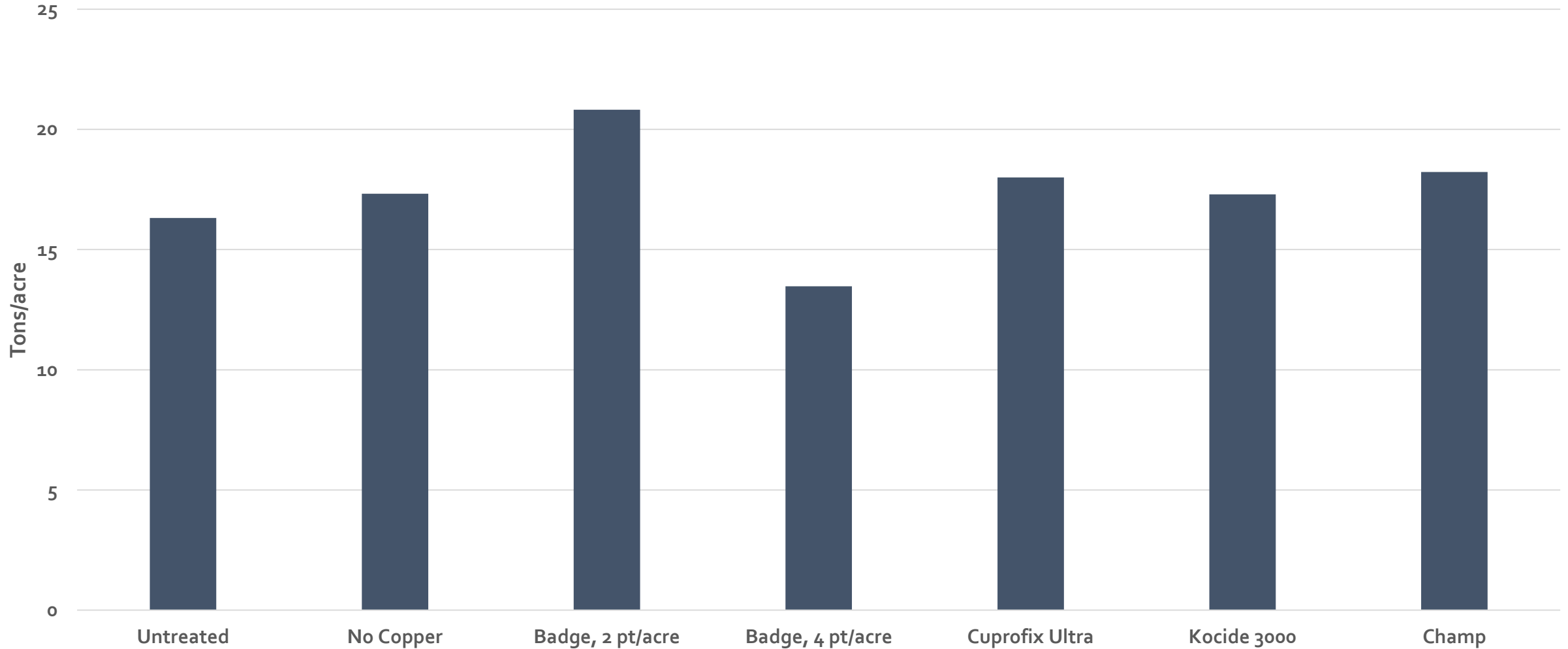


# Triazole + Coppers



LSD (p=0.10): NS  
CV: 20.36

Root Yield

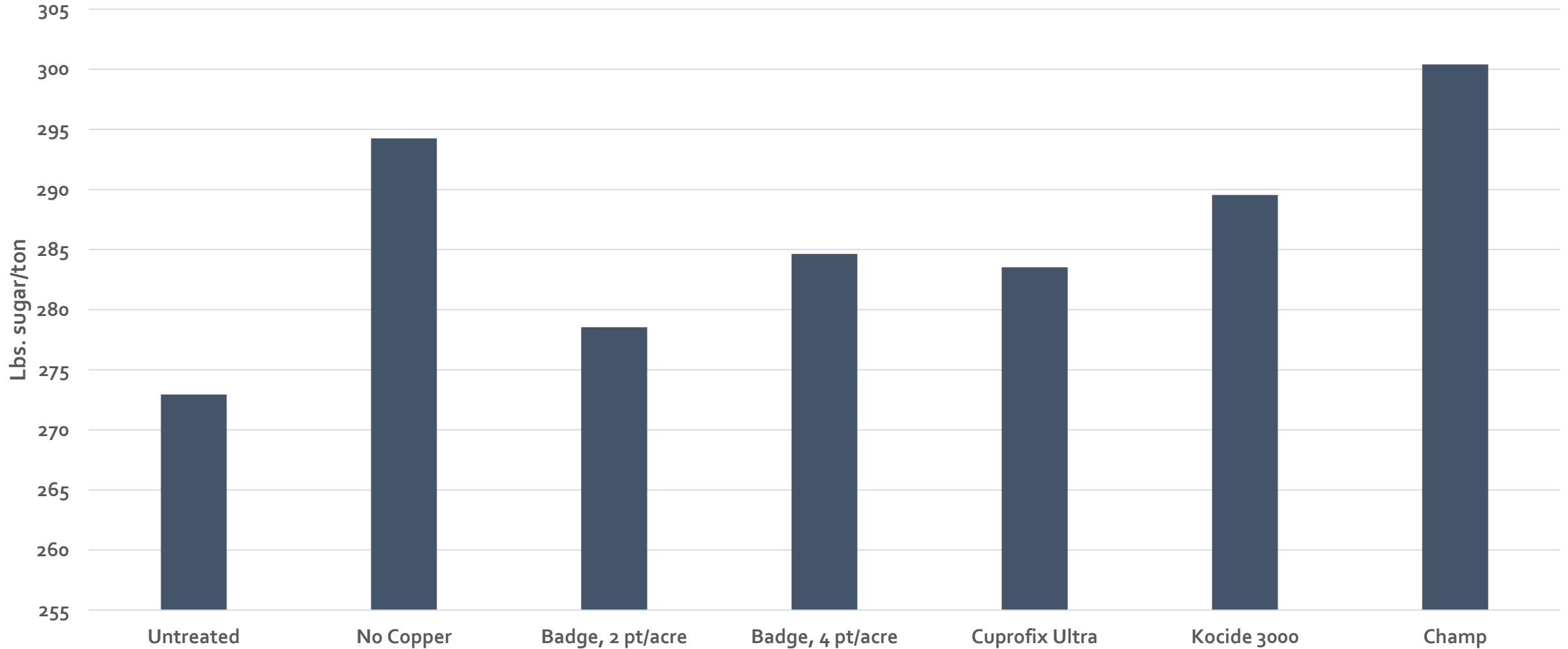


# Triazole + Coppers



LSD (p=0.10): NS  
CV: 4.86

Recoverable Sugar per Ton



# Triazole + Coppers



LSD (p=0.10): NS  
CV: 19.84

Recoverable Sugar per Acre

