

Trial Info.

- Planted: May 11, 2023
- Harvested: September 20, 2023
- Location: Gorton Twp, Grant County, MN
- Variety: BTS 7170 (CR+)

- Objective: Determine the effectiveness of applying in-furrow fertilizer at planting to increase sugarbeet quality and yield.

- *All results are NOT statistically significant.*

Treatment List



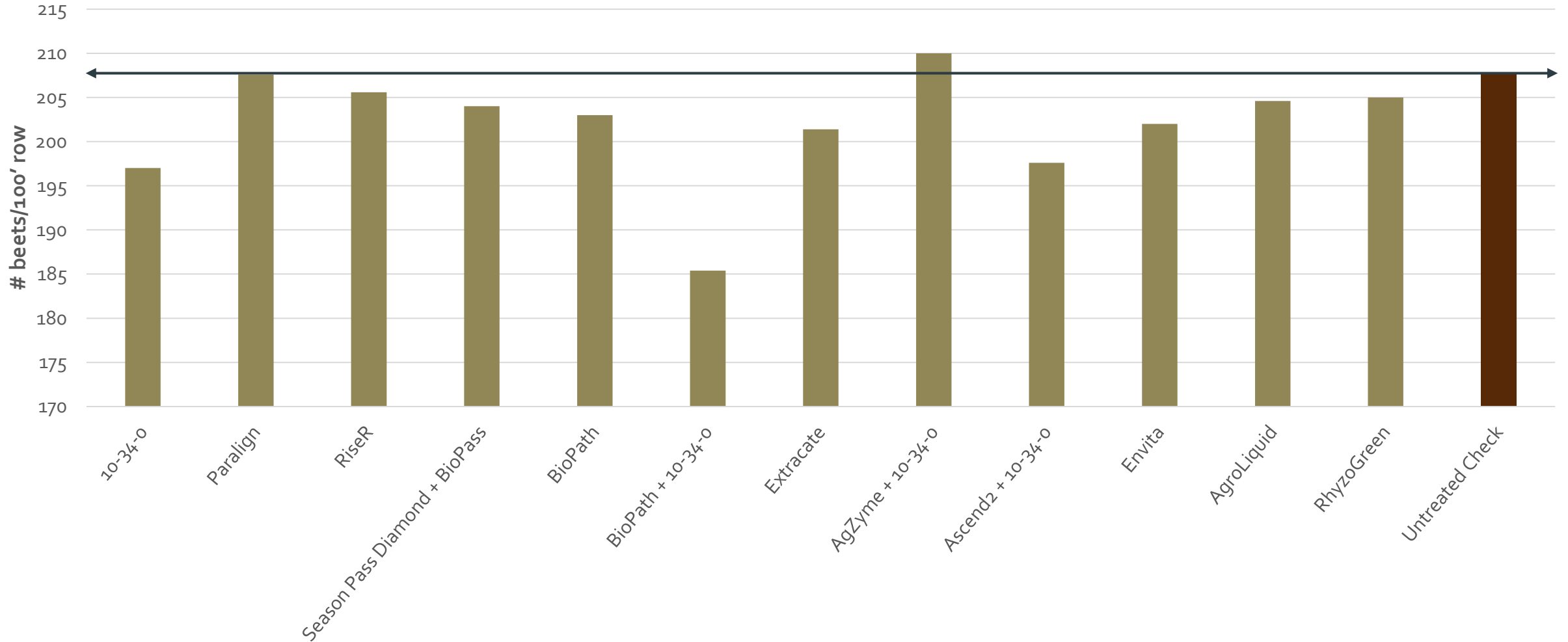
Treatment	Rate
10-34-0	3 gal/a
Paralign	3 gal/a
RiseR	3 gal/a
Season Pass Diamond + BioPass	5 gal/a + 1 pt/a
BioPath	1 qt/a
BioPath + 10-34-0	1 qt/a + 3 gal/a
Extracate	20 fl oz/a
AgZyme + 10-34-0	19.2 fl oz/a + 3 gal/a
Ascend2 + 10-34-0	5 fl oz/a + 3 gal/a
Envita + NIS	5 g/a + 0.25% v/v
Sure-K + Pro-Germinator + Kalibrate + Micro500	1.25 gal/a + 2.5 gal/a + 1.25 gal/a + 2 qt/a
RhyzoGreen	0.2 gal/a

Starter Fertilizer



LSD (p=0.10): NS
CV: 9.58

Stand Count – May 30, 2023

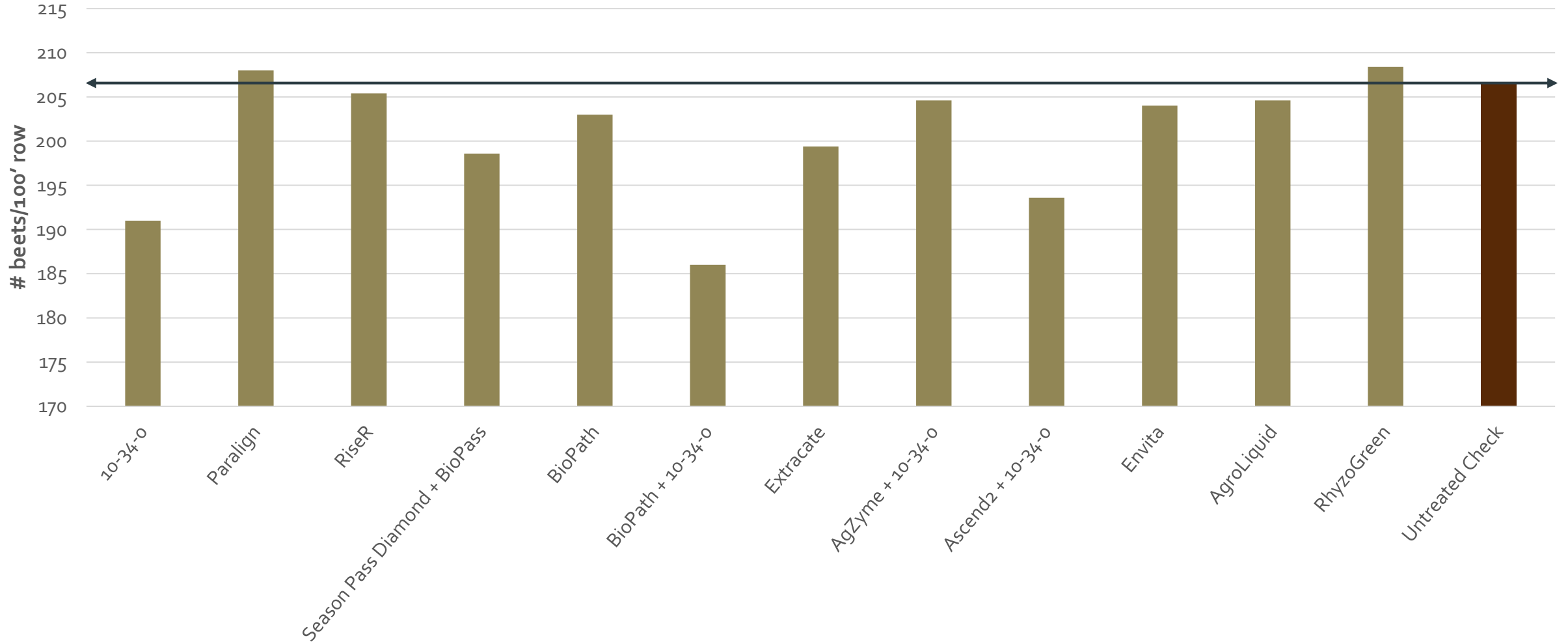


Starter Fertilizer



LSD (p=0.10): NS
CV: 9.30

Stand Count – June 5, 2023

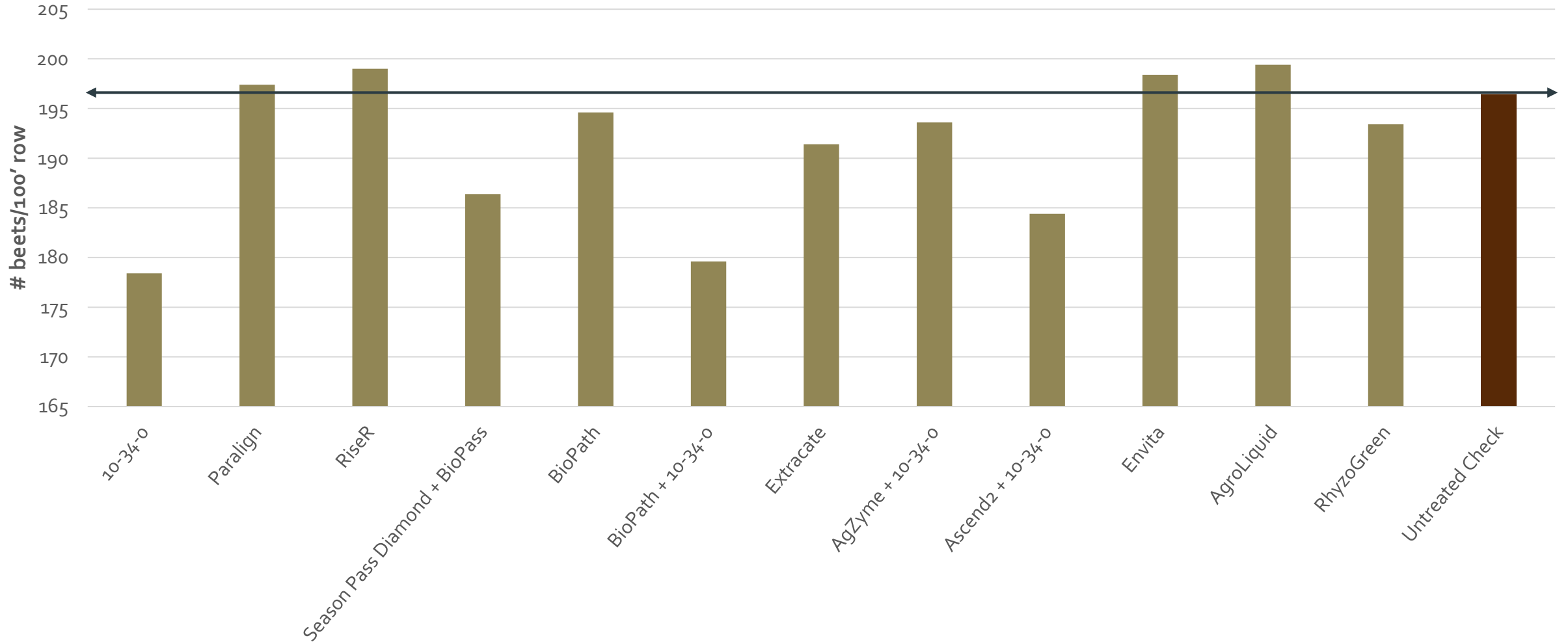


Starter Fertilizer

LSD (p=0.10): NS
CV: 10.12



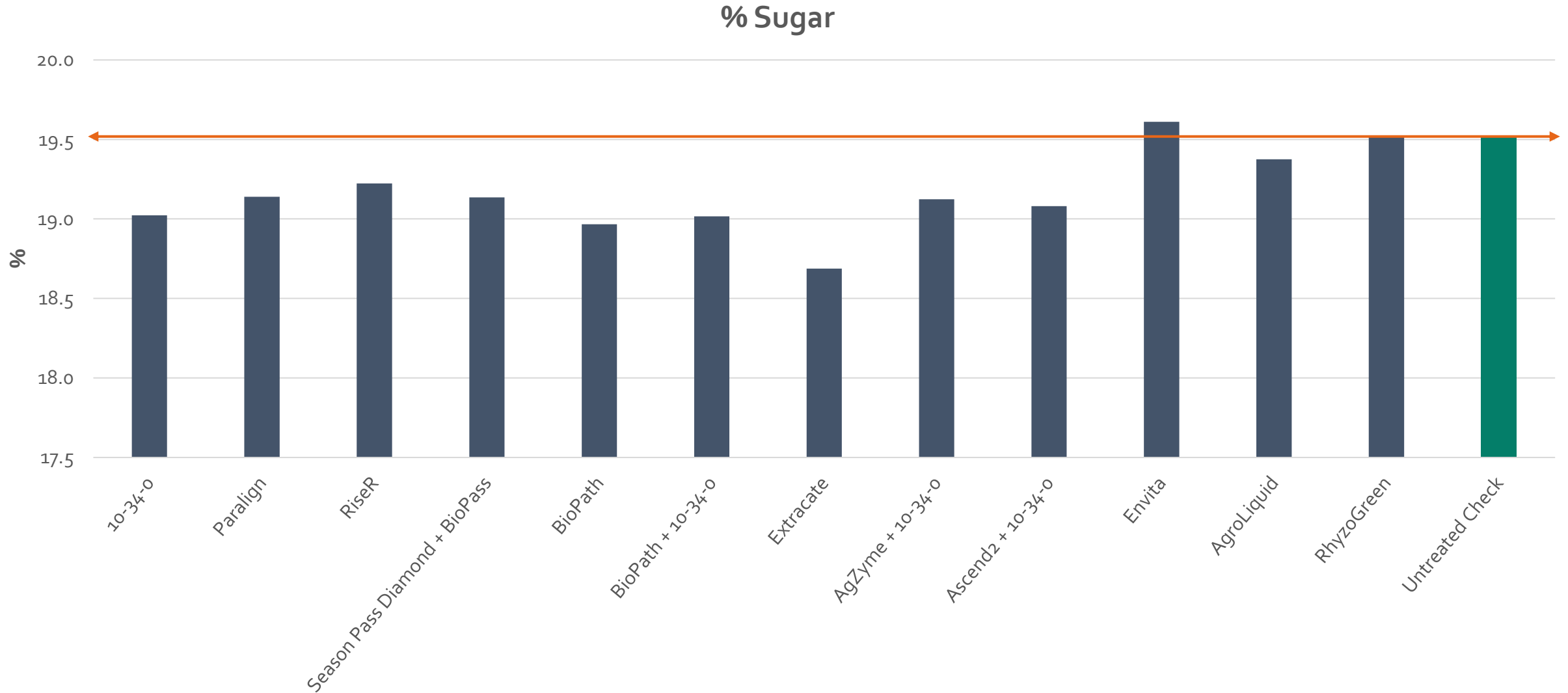
Stand Count – June 13, 2023



Starter Fertilizer



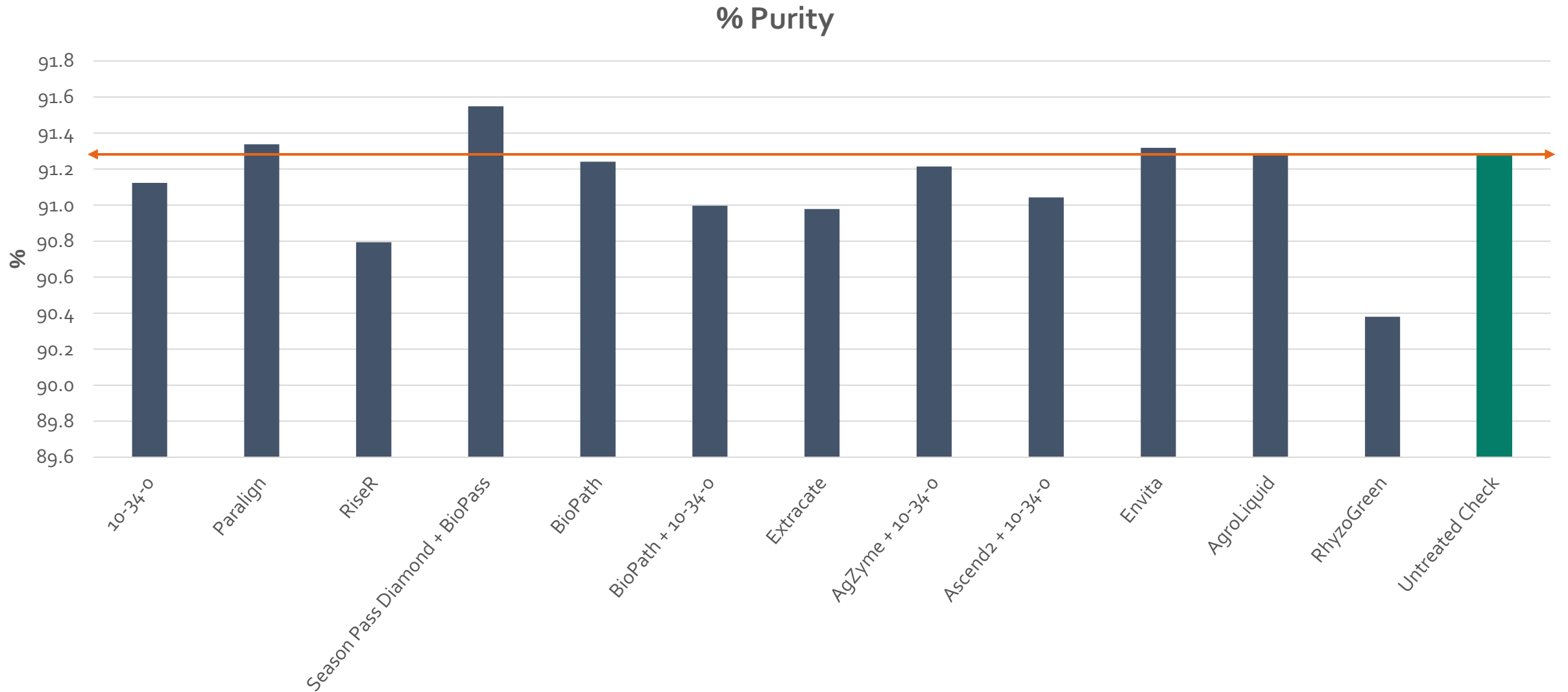
LSD (p=0.10): NS
CV: 3.11



Starter Fertilizer



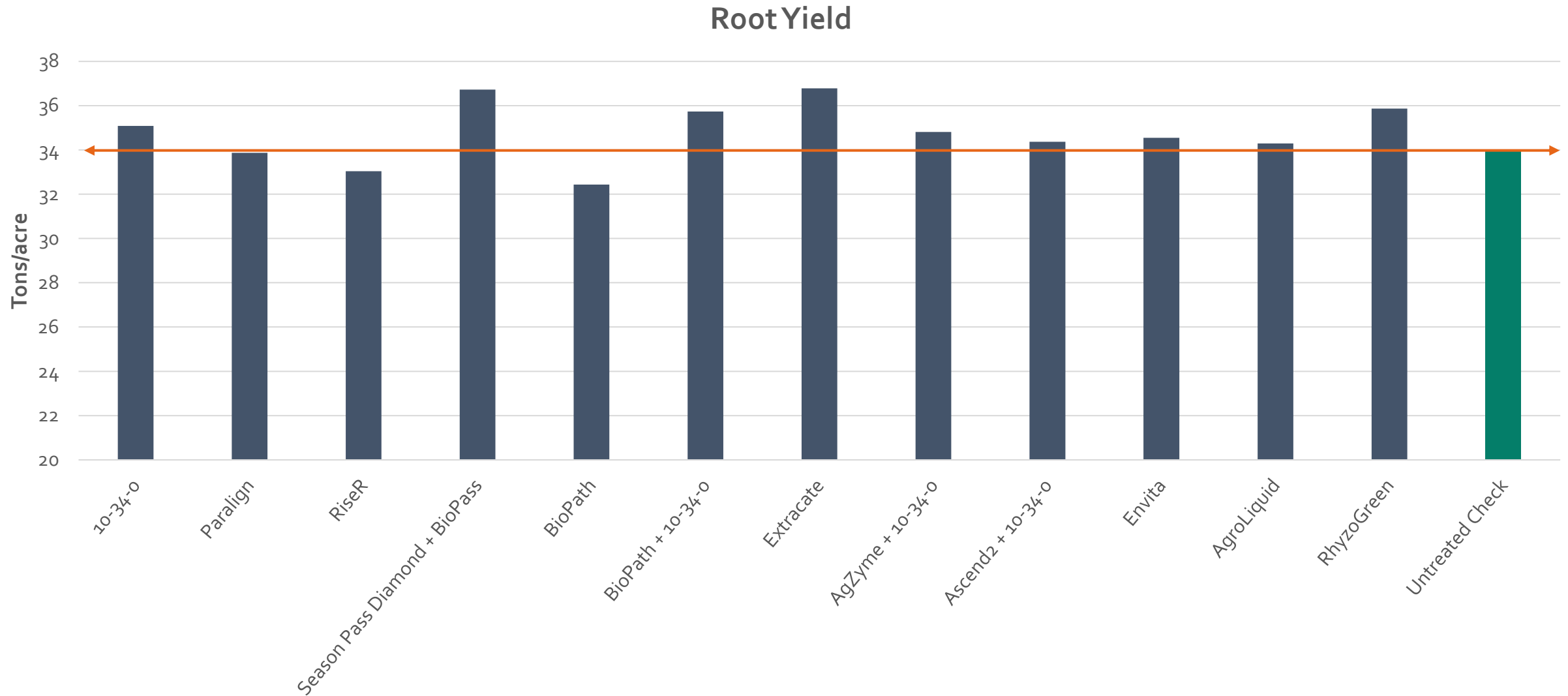
LSD (p=0.10): NS
CV: 0.82



Starter Fertilizer



LSD (p=0.10): NS
CV: 11.63

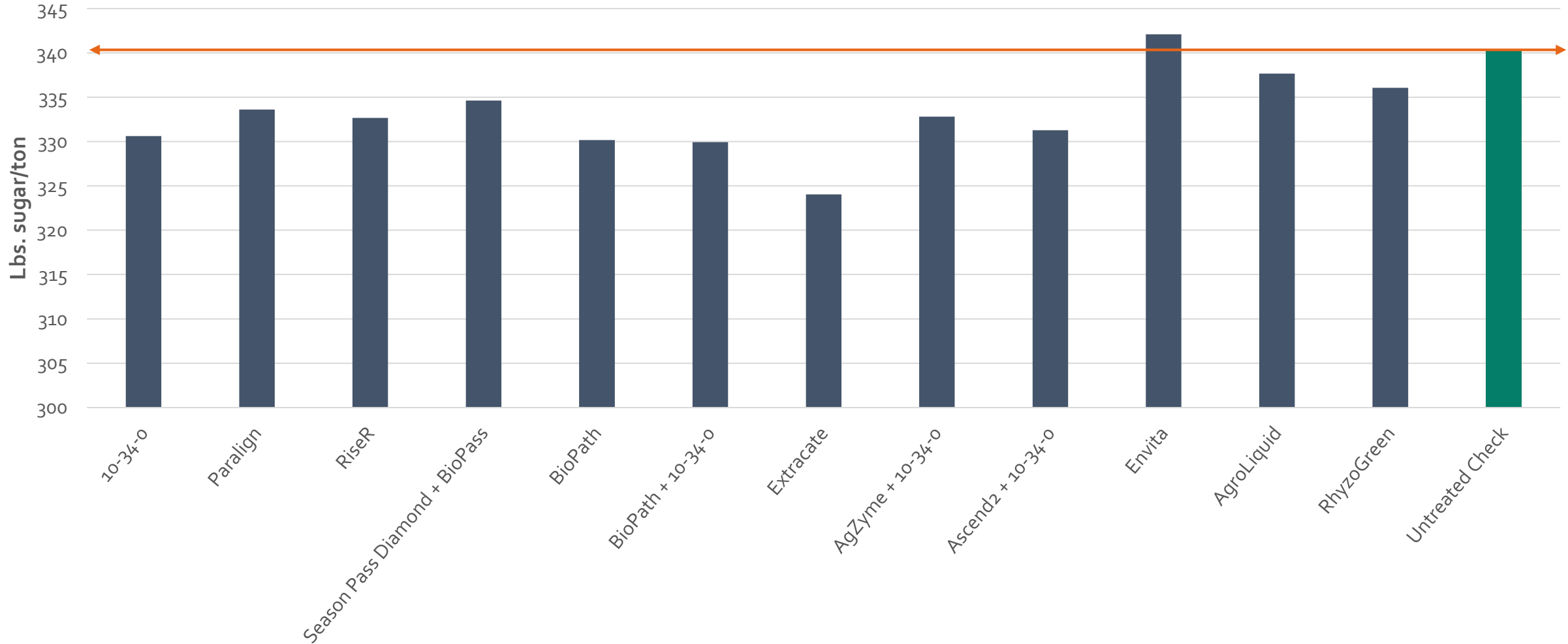


Starter Fertilizer



LSD (p=0.10): NS
CV: 3.28

Recoverable Sugar per Ton



Starter Fertilizer



LSD (p=0.10): NS
CV: 10.71

Recoverable Sugar per Acre

