

Trial Info.

- Planted: May 13, 2024
- Harvested: September 23, 2024
- Location: Nordick Twp, Wilkin County, MN
- Variety: BTS 7231

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

Treatment List



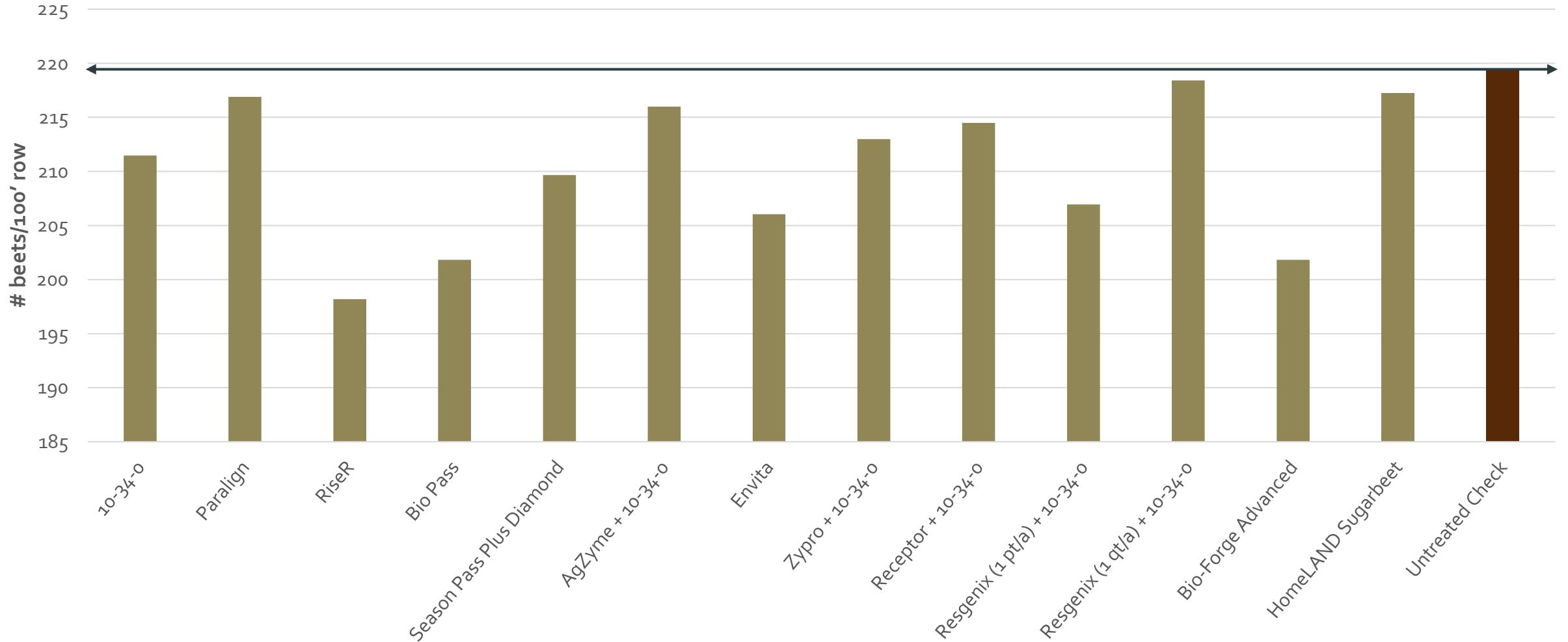
Treatment	Rate
10-34-0	3 gal/a
Paralign	3 gal/a
RiseR	3 gal/a
BioPass	1 pt/a
SeasonPass Plus Diamond	5 gal/a
AgZyme + 10-34-0	19.2 fl oz/a + 3 gal/a
Envita + NIS	5 g/a + 0.25% v/v
Zypro + 10-34-0	8 fl oz/a + 3 gal/a
Receptor + 10-34-0	1 pt/a + 3 gal/a
Resgenix + 10-34-0	1 pt/a + 3 gal/a
Resgenix + 10-34-0	1 qt/a + 3 gal/a
Bio-Forge Advanced	8 fl oz/a
HomeLAND Sugarbeet	

Starter Fertilizer

LSD (p=0.10): NS
CV: 7.15



Stand Count – May 29, 2024

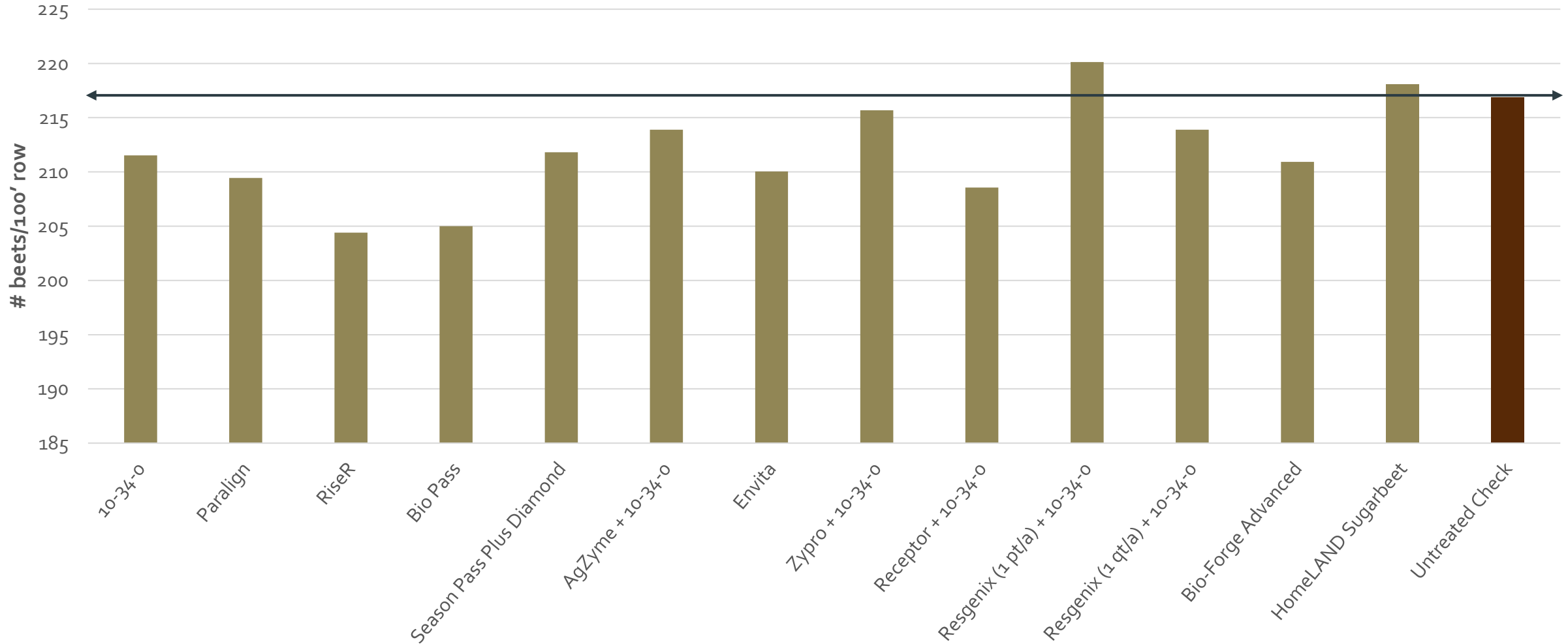


Starter Fertilizer



LSD (p=0.10): NS
CV: 4.83

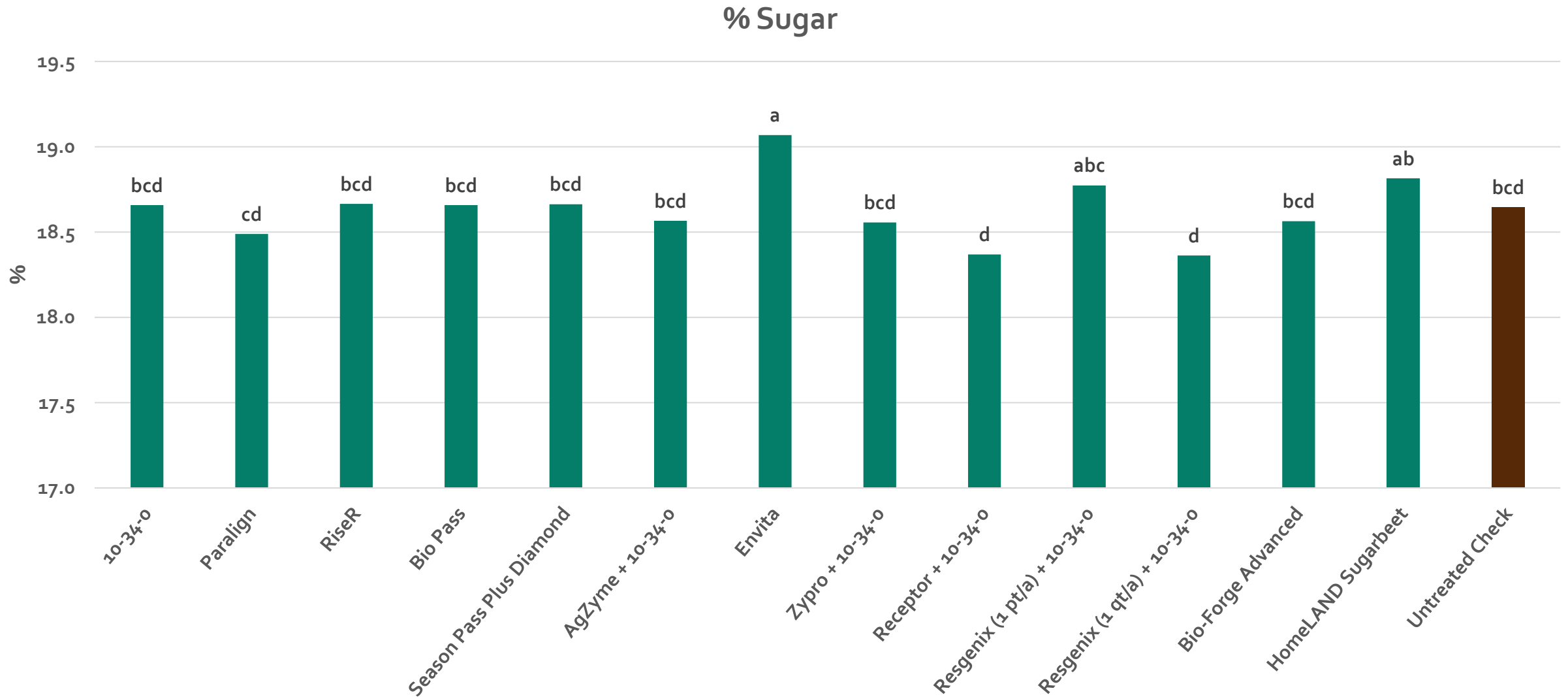
Stand Count – June 6, 2024



Starter Fertilizer



LSD (p=0.10): 0.32
CV: 1.78

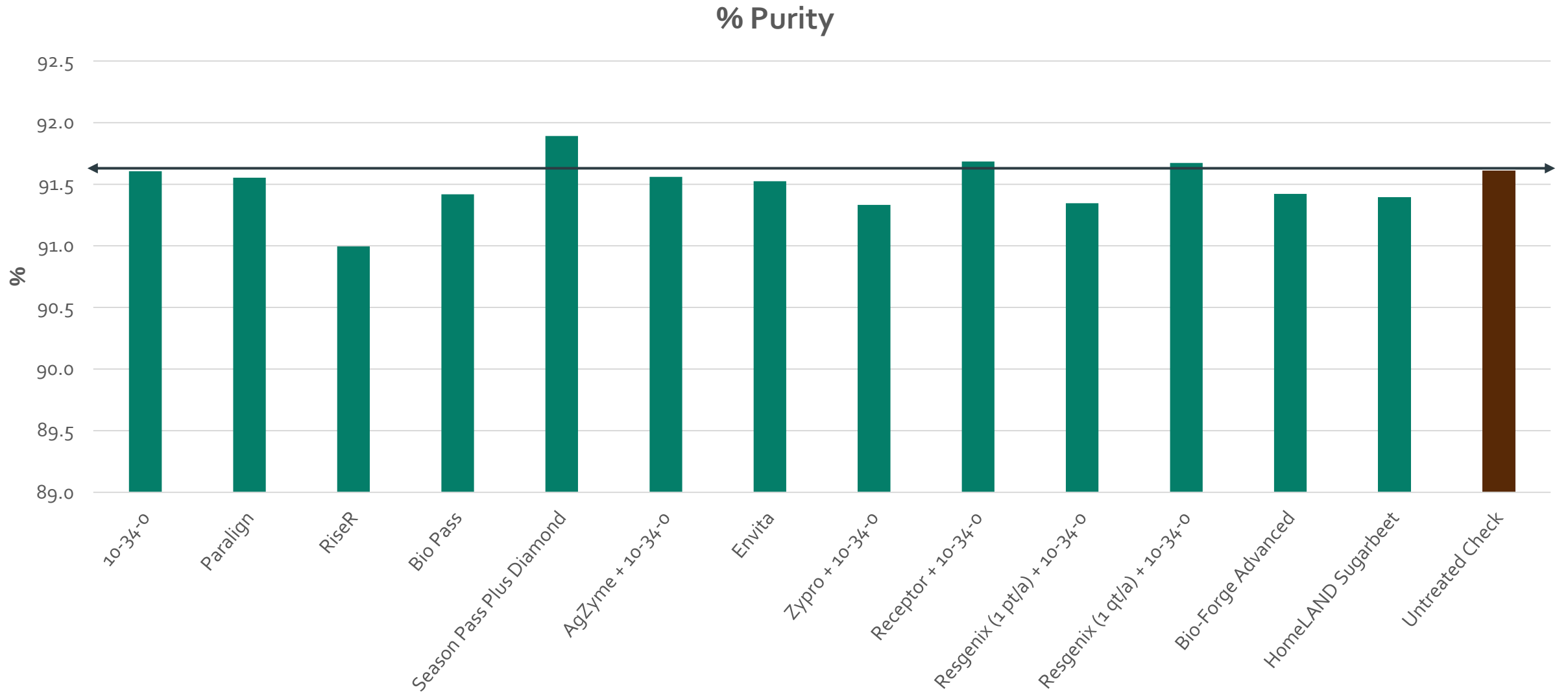


Treatments with the same letter are not statistically different

Starter Fertilizer



LSD (p=0.10): NS
CV: 0.61

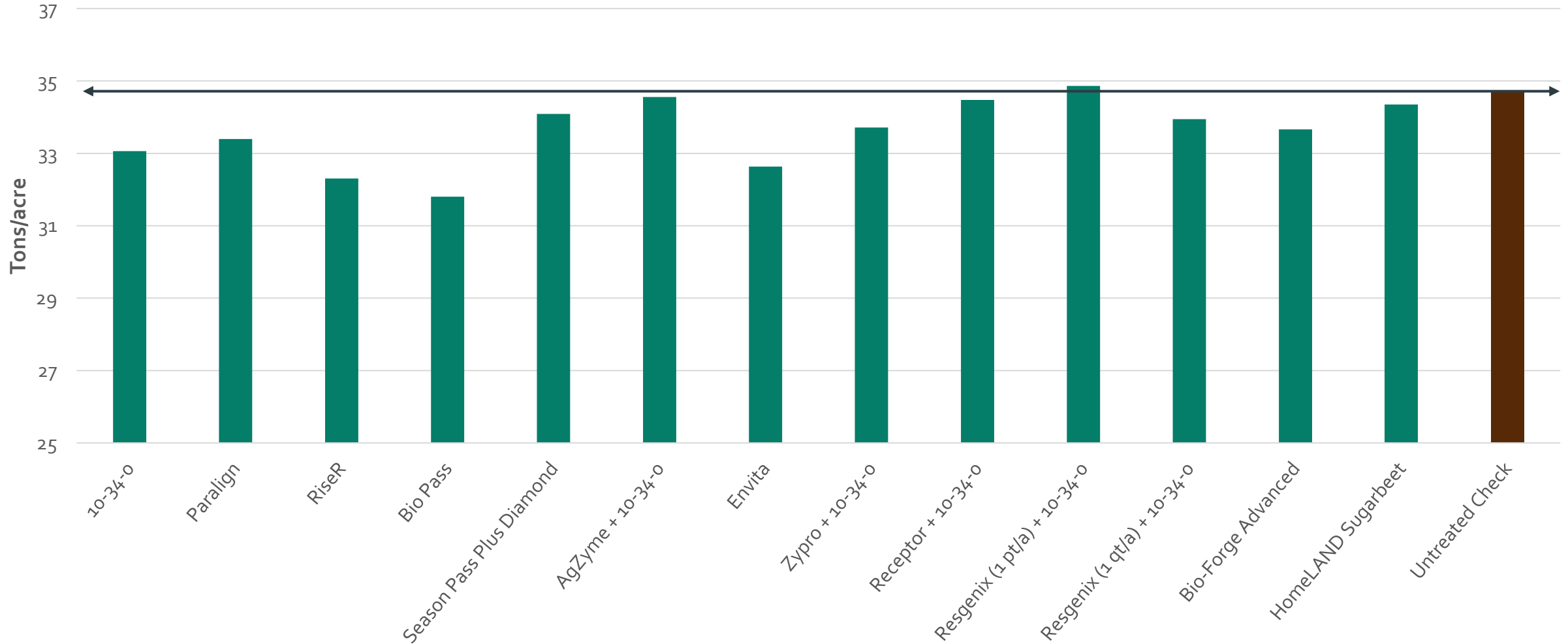


Starter Fertilizer



LSD (p=0.10): NS
CV: 6.61

Root Yield

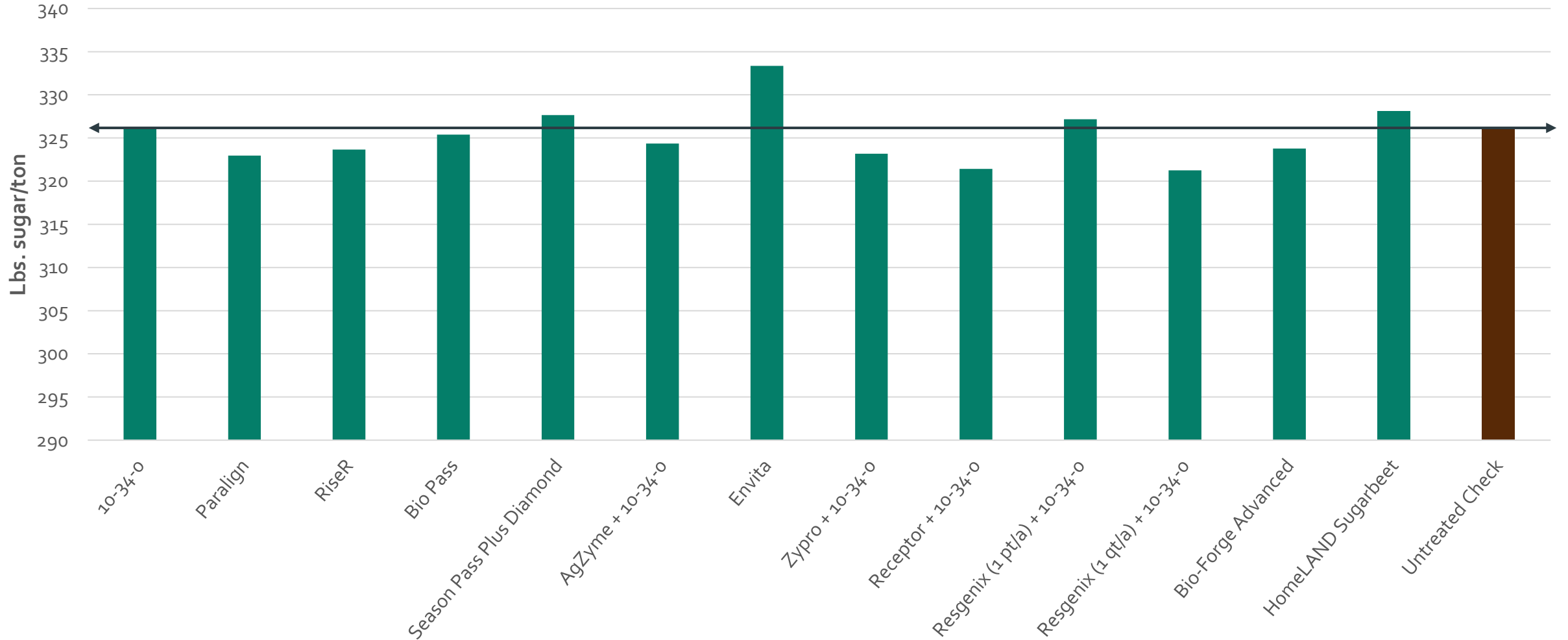


Starter Fertilizer



LSD (p=0.10): NS
CV: 1.96

Recoverable Sugar per Ton



Starter Fertilizer

LSD (p=0.10): NS
CV: 6.58



Recoverable Sugar per Acre

