



# In-Furrow Fertilizer

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# In-Furrow Fertilizer

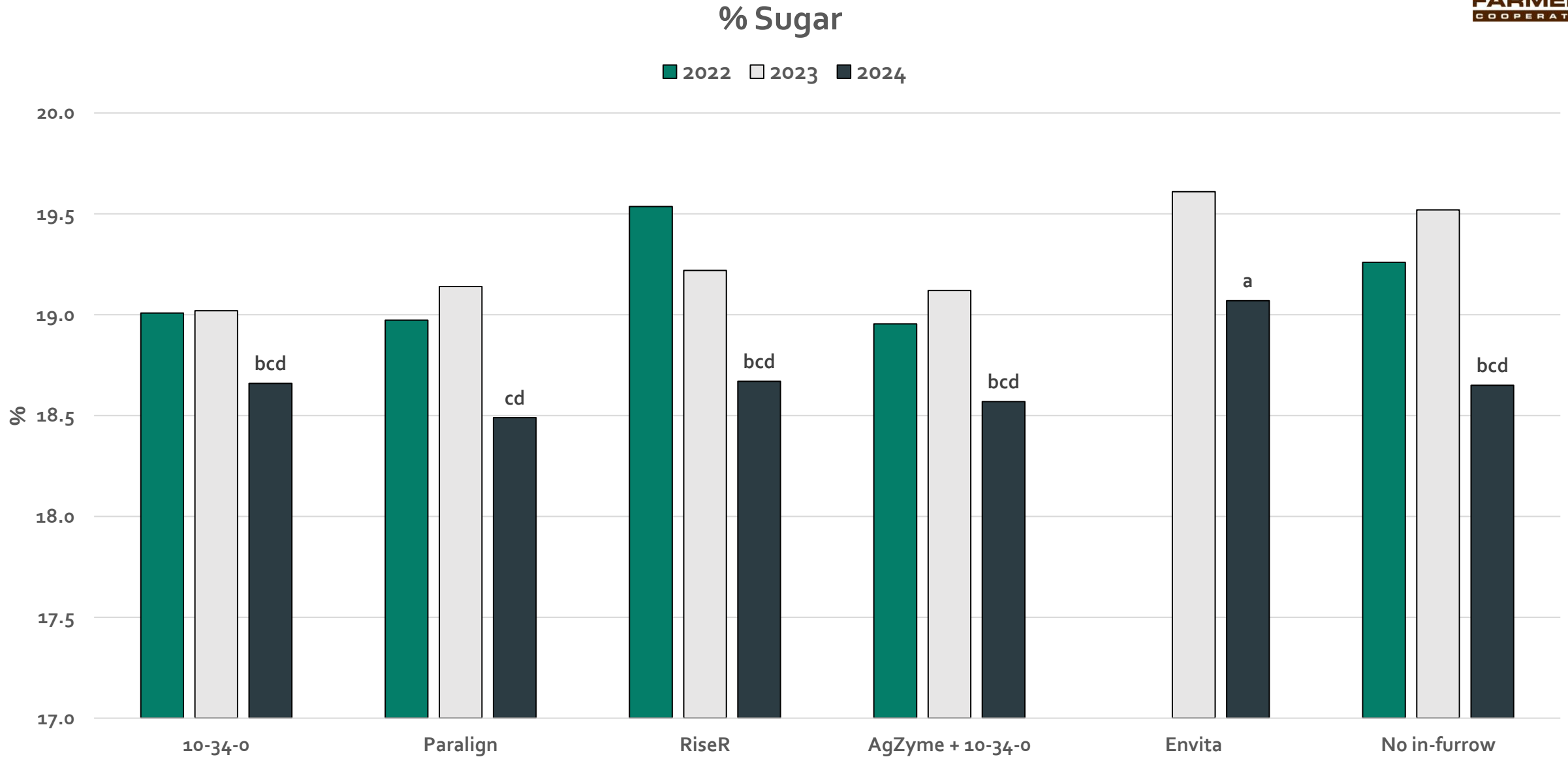
- What is the goal?
  - Emergence
  - Higher quality
  - More tons
- Product choice

# Trial Info.

- 2022, 2023, 2024
- Fields in MN and ND
- Top-selling variety
- Objective: Determine the effectiveness of applying in-furrow fertilizer at planting to increase sugarbeet quality and yield.

Product	Rate
10-34-0	3 gal/a
Paralign	3 gal/a
RiseR	3 gal/a
AgZyme + 10-34-0	19.2 fl oz/a + 3 gal/a
Envita + NIS	5 g/a + 0.25% v/v

# In-Furrow Fertilizer



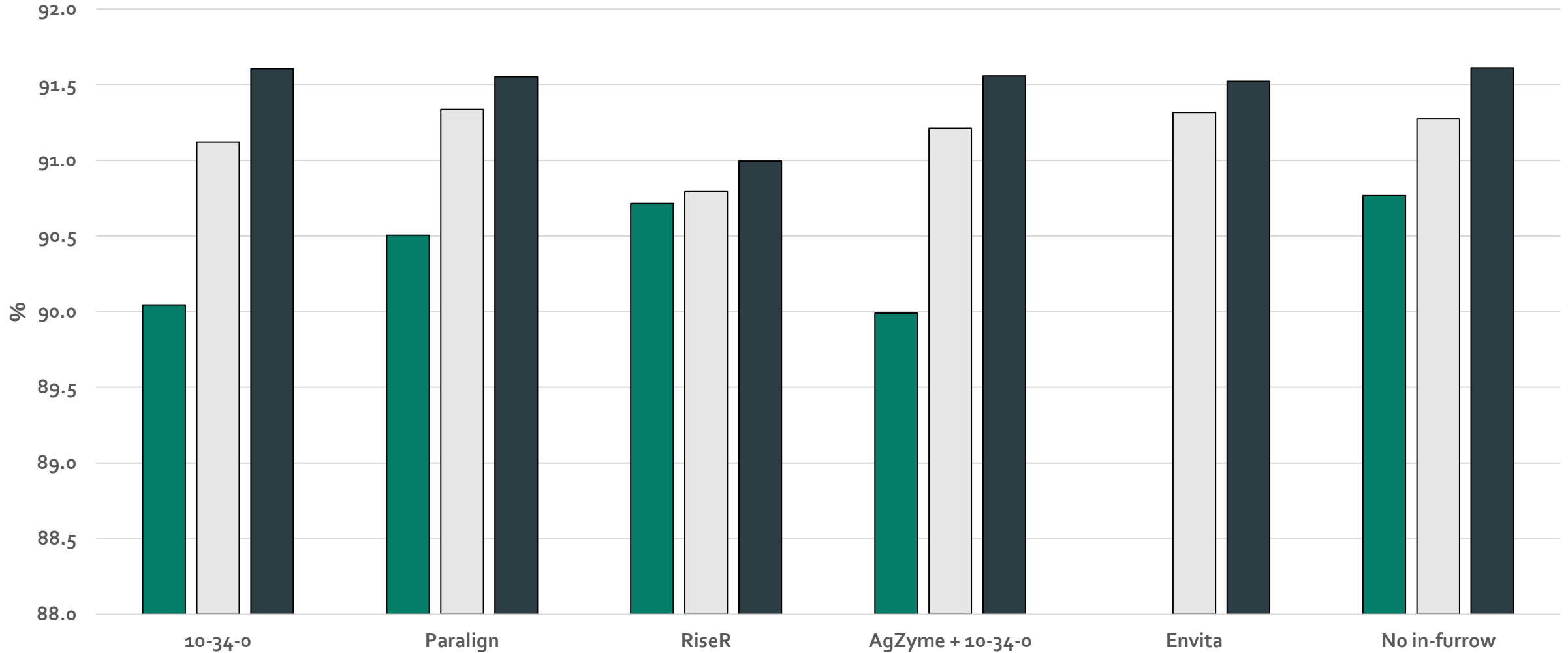
\*Treatments with the same letter are not statistically different\*

# In-Furrow Fertilizer



% Purity

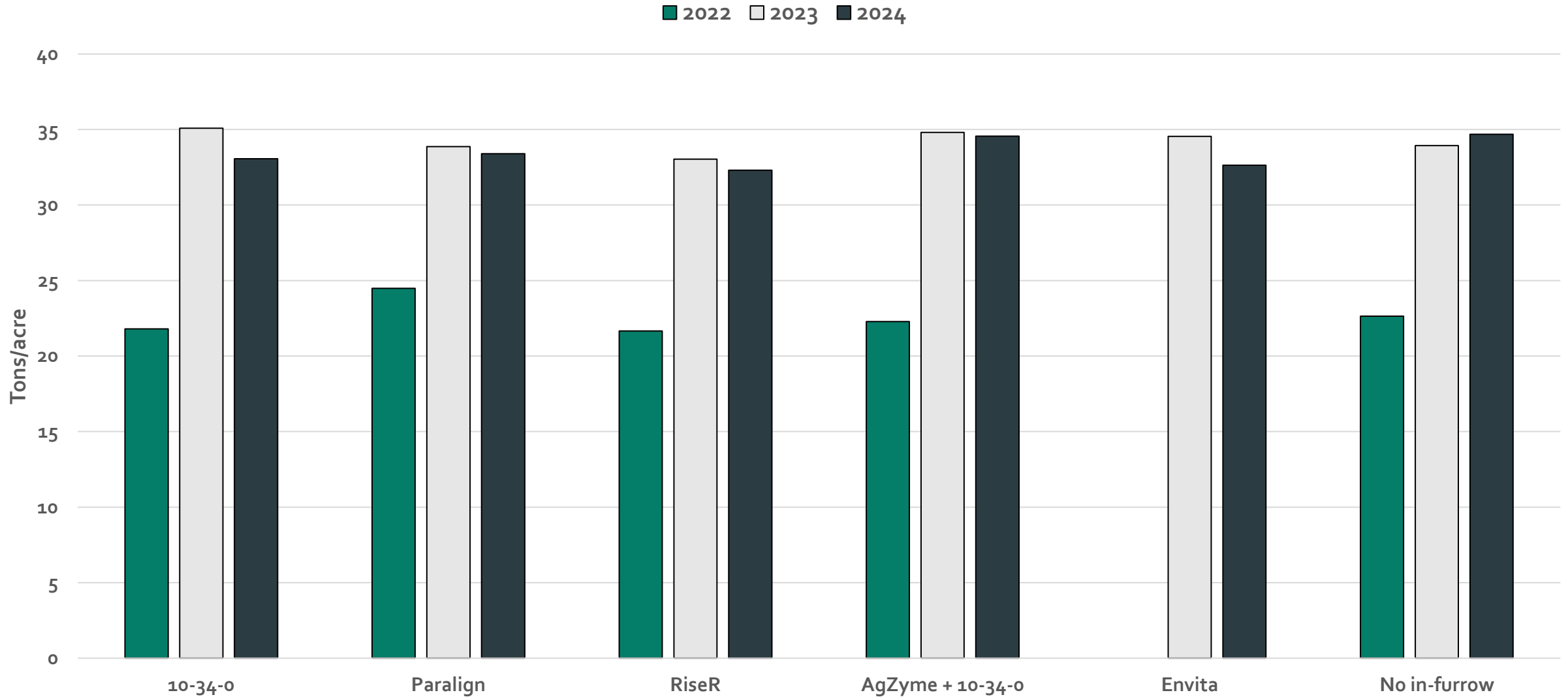
■ 2022 ■ 2023 ■ 2024



# In-Furrow Fertilizer



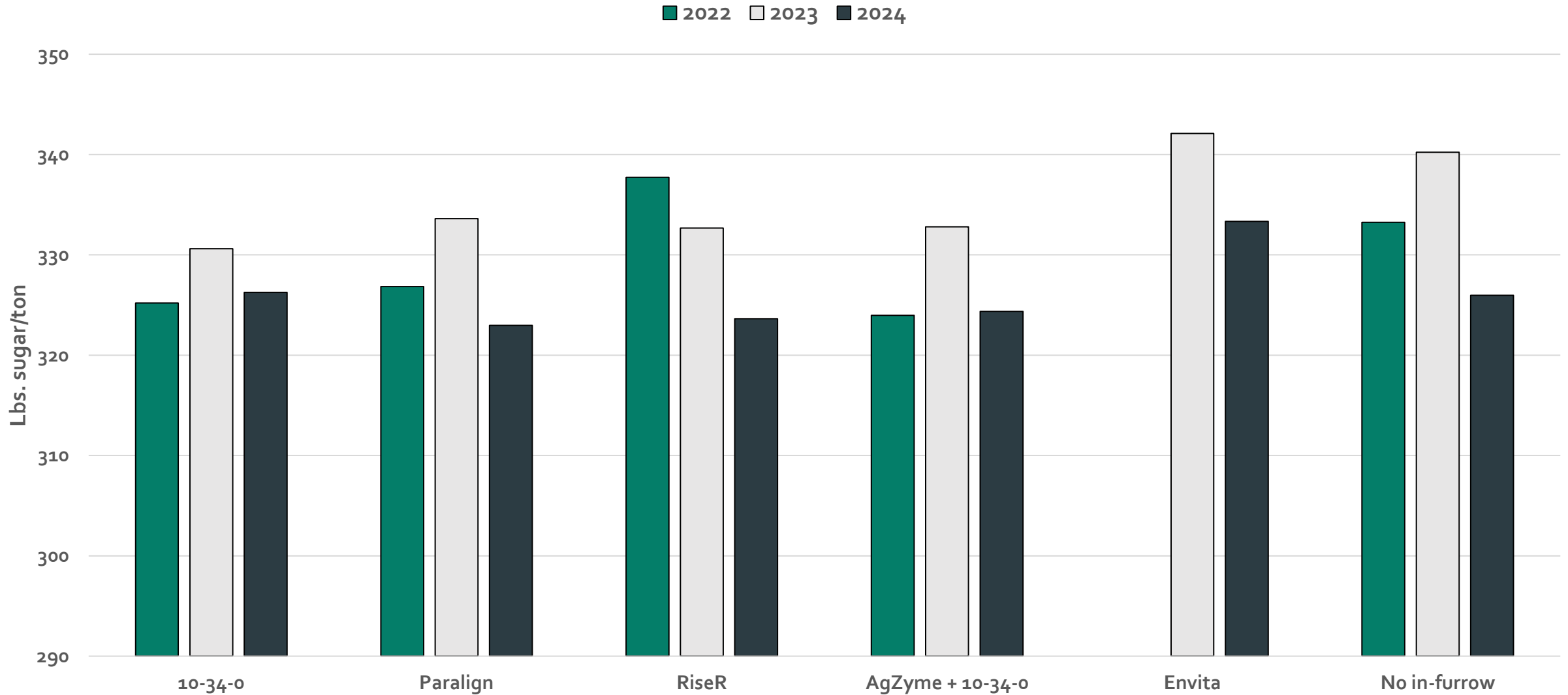
## Root Yield



# In-Furrow Fertilizer



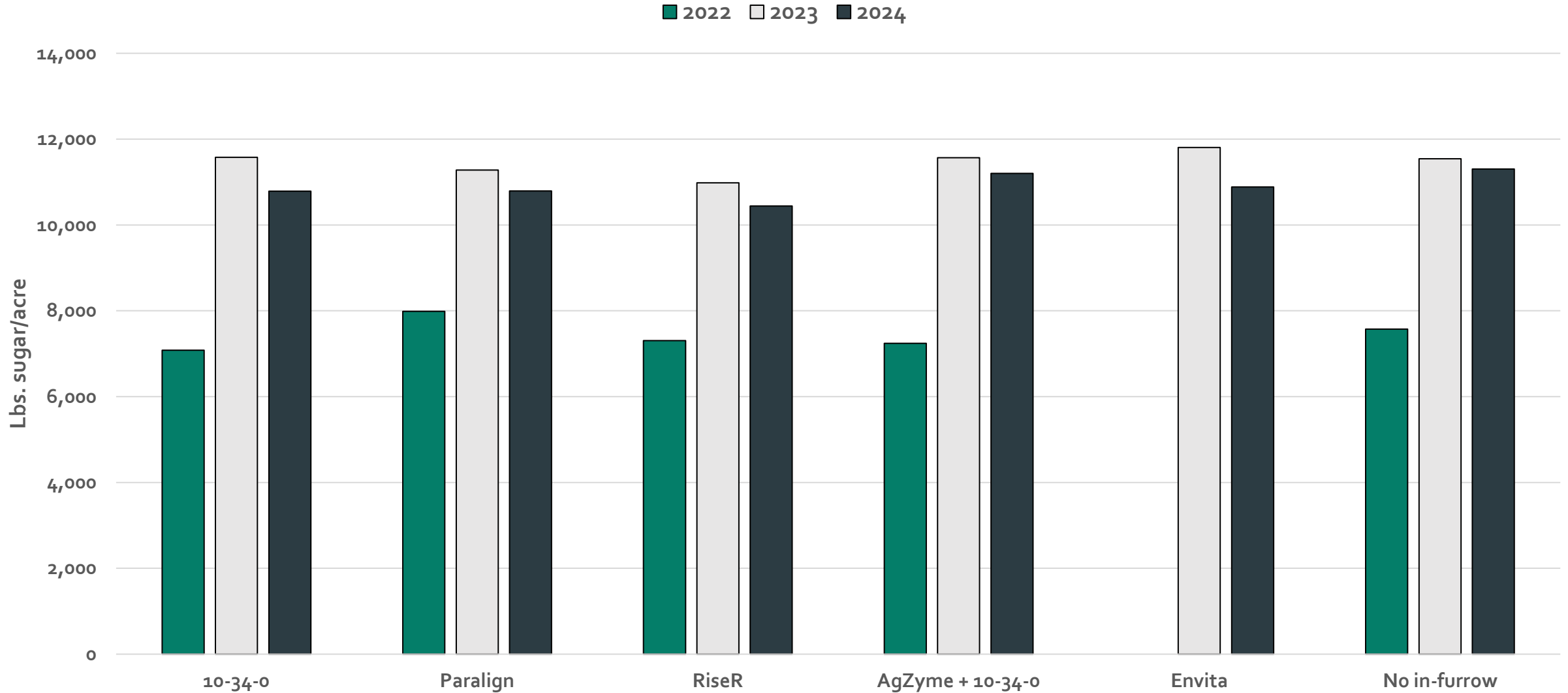
## Recoverable Sugar per Ton



# In-Furrow Fertilizer



## Recoverable Sugar per Acre





# Bottom Line

- Statistical significance 1 out of 3 years
  - Only 1 product was better than no in-furrow
- Many products tested each year
- Plan to continue this experiment