

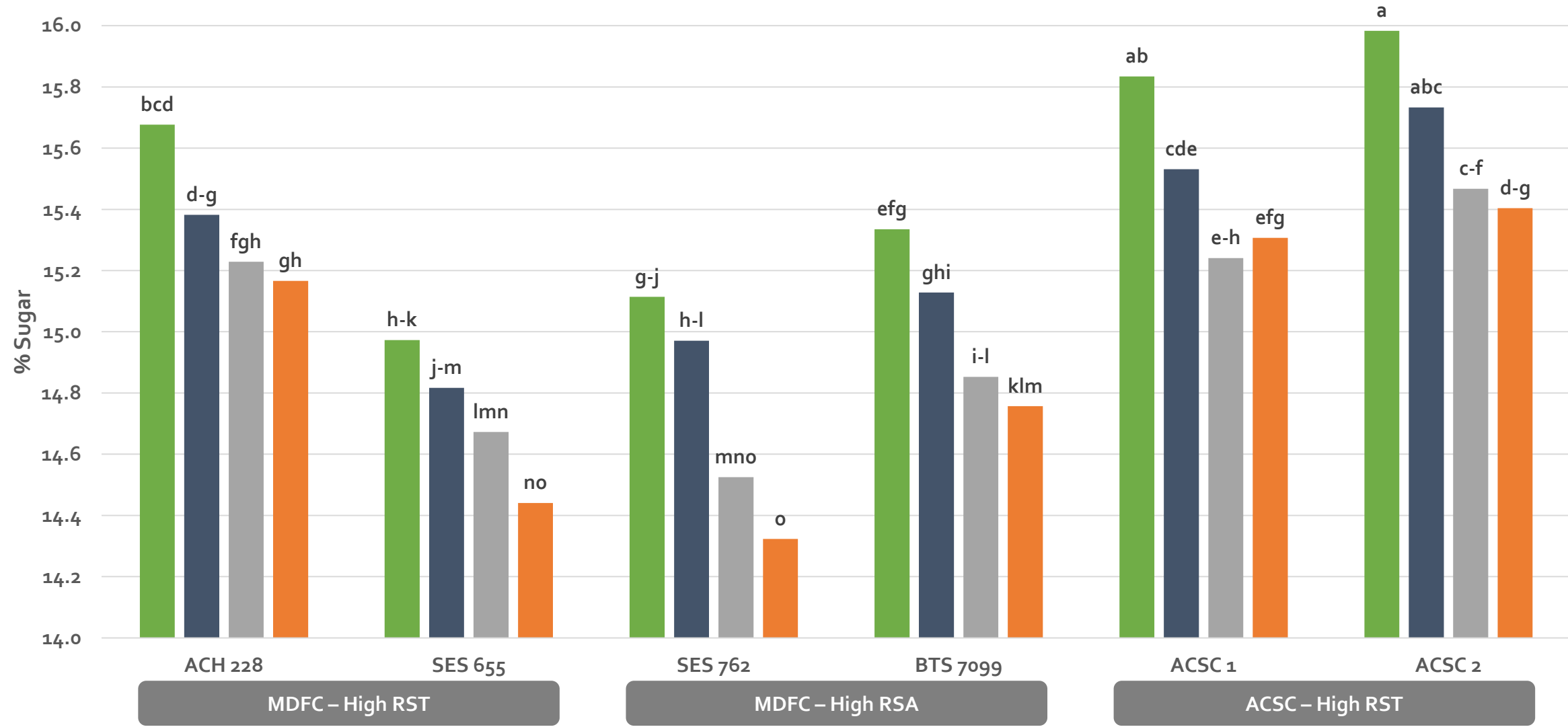
Trial Info.

- Planted: May 15, 2019
- Urea application: May 15, 2019
- Harvested: September 24, 2019
- Location: Sec. 24, NE $\frac{1}{4}$; Elbow Lake Twp., Grant County
- Objective: Determine the response of six sugarbeet varieties to differing rates of nitrogen.
 - Varieties were top two Minn-Dak RST, Minn-Dak RSA, and ACSC RST.
- **Nitrogen rates were total nitrogen ~ residual + applied.**

LSD (p=0.10): 0.30
CV: 2.07

% Sugar vs. Nitrogen Rate

100 lb/a Urea 120 lb/a Urea 160 lb/a Urea 200 lb/a Urea

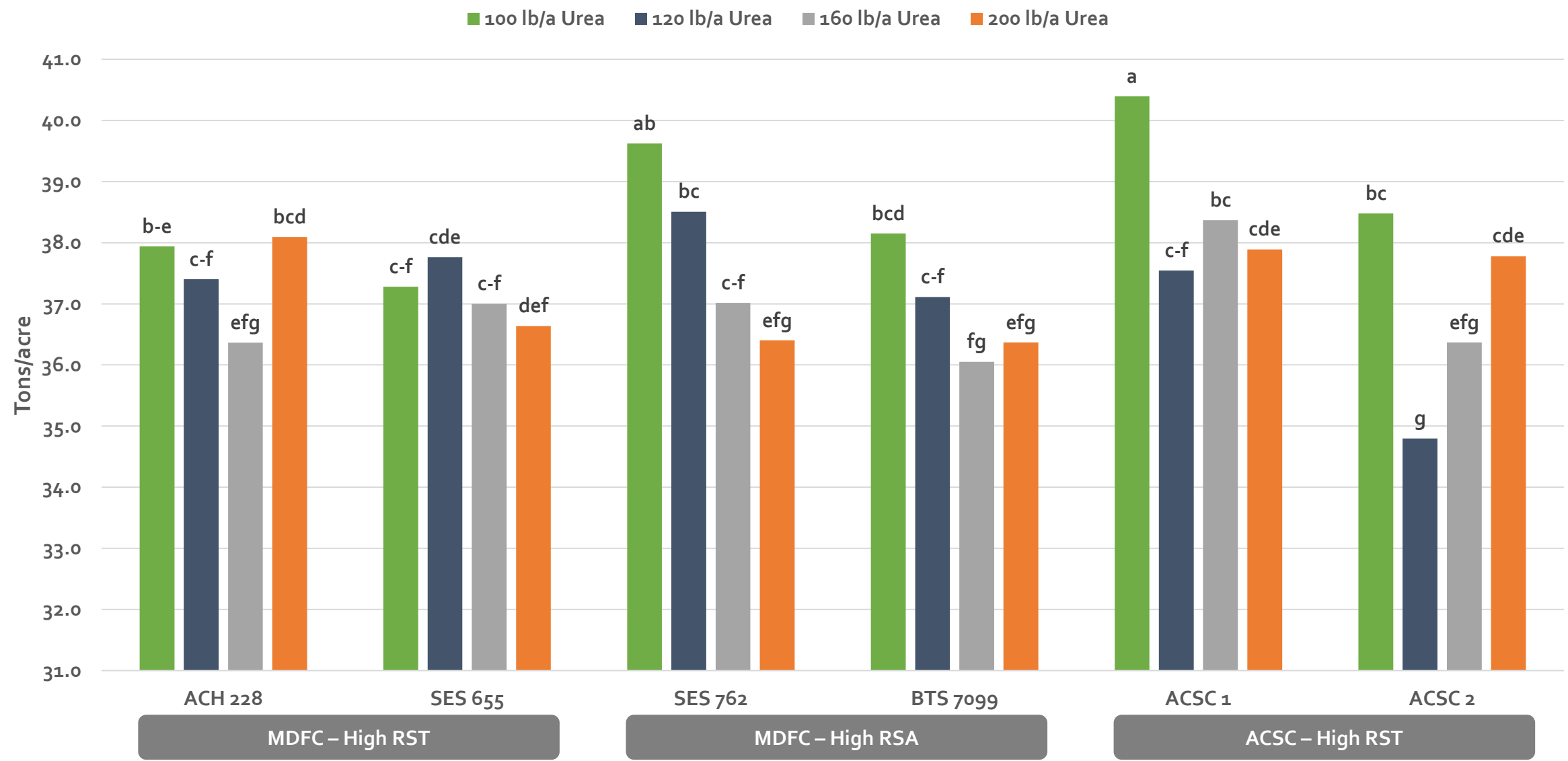


Treatments with the same letter are not statistically different



LSD (p=0.10): 1.69
CV: 4.70

Root Yield vs. Nitrogen Rate

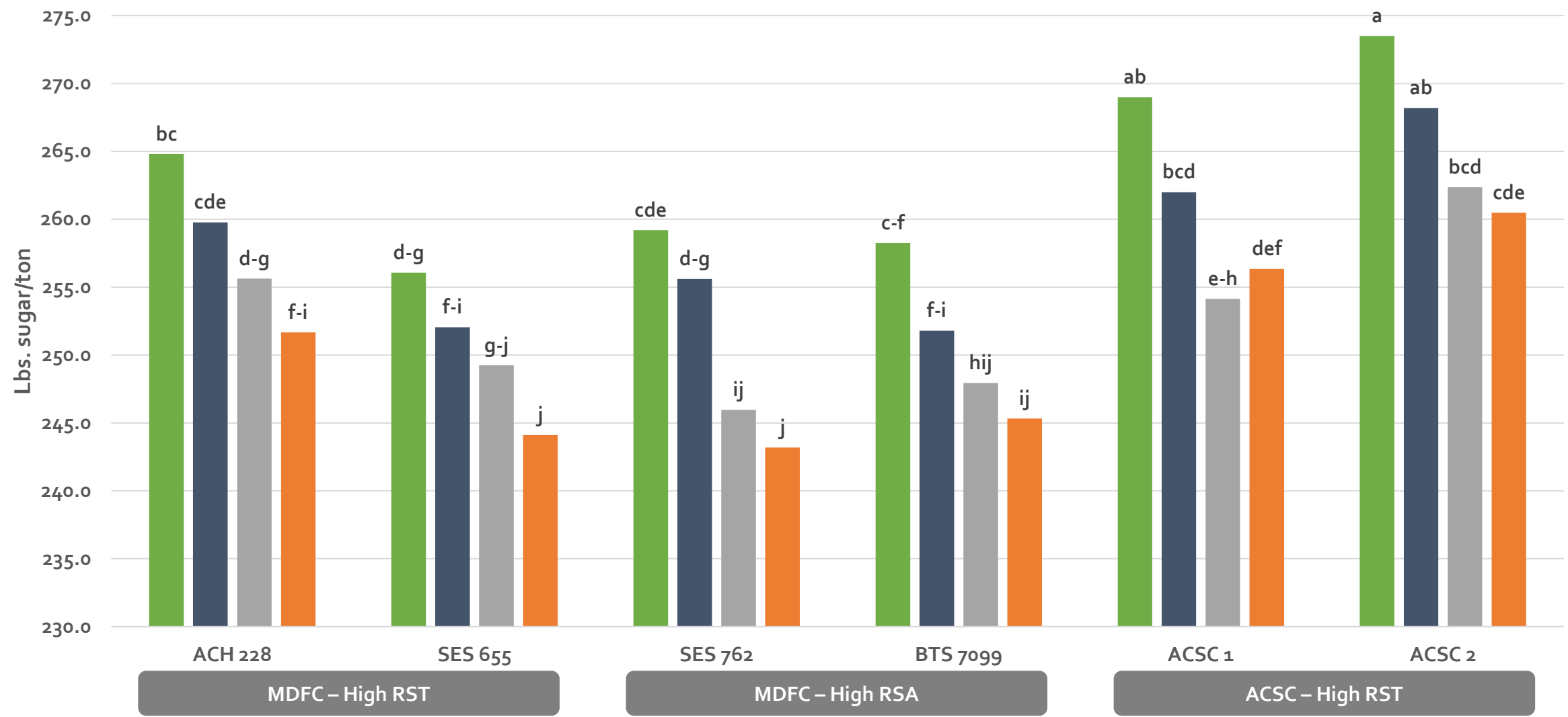


Treatments with the same letter are not statistically different

LSD (p=0.10): 7.03
CV: 2.86

Recoverable Sugar/Ton vs. Nitrogen Rate

100 lb/a Urea 120 lb/a Urea 160 lb/a Urea 200 lb/a Urea

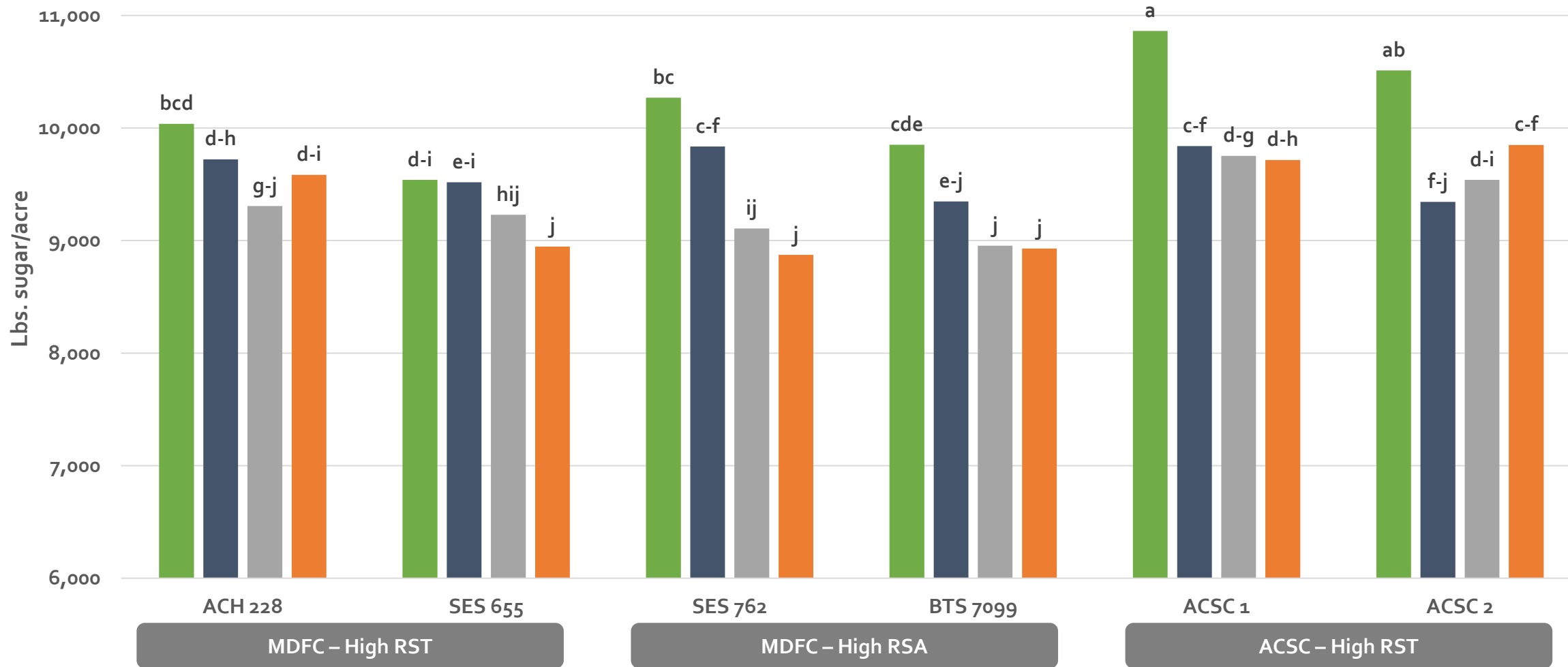


Treatments with the same letter are not statistically different

LSD (p=0.10): 507.70
CV: 5.52

Recoverable Sugar/Acre vs. Nitrogen Rate

100 lb/a Urea 120 lb/a Urea 160 lb/a Urea 200 lb/a Urea



Treatments with the same letter are not statistically different