



Smut on L 01-299



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Conducted Field Trial near Maurice, Louisiana to Determine Effect of Smut on L01-299

- Two fields
 - Plant cane crop – 90, 50 ft, single-row plots
 - First ratoon-crop – 93, 50 ft, single-row plots
- Disease ratings
 - July and August
 - % smutted stools per plot
- Soil analysis
 - Samples collected from all plots

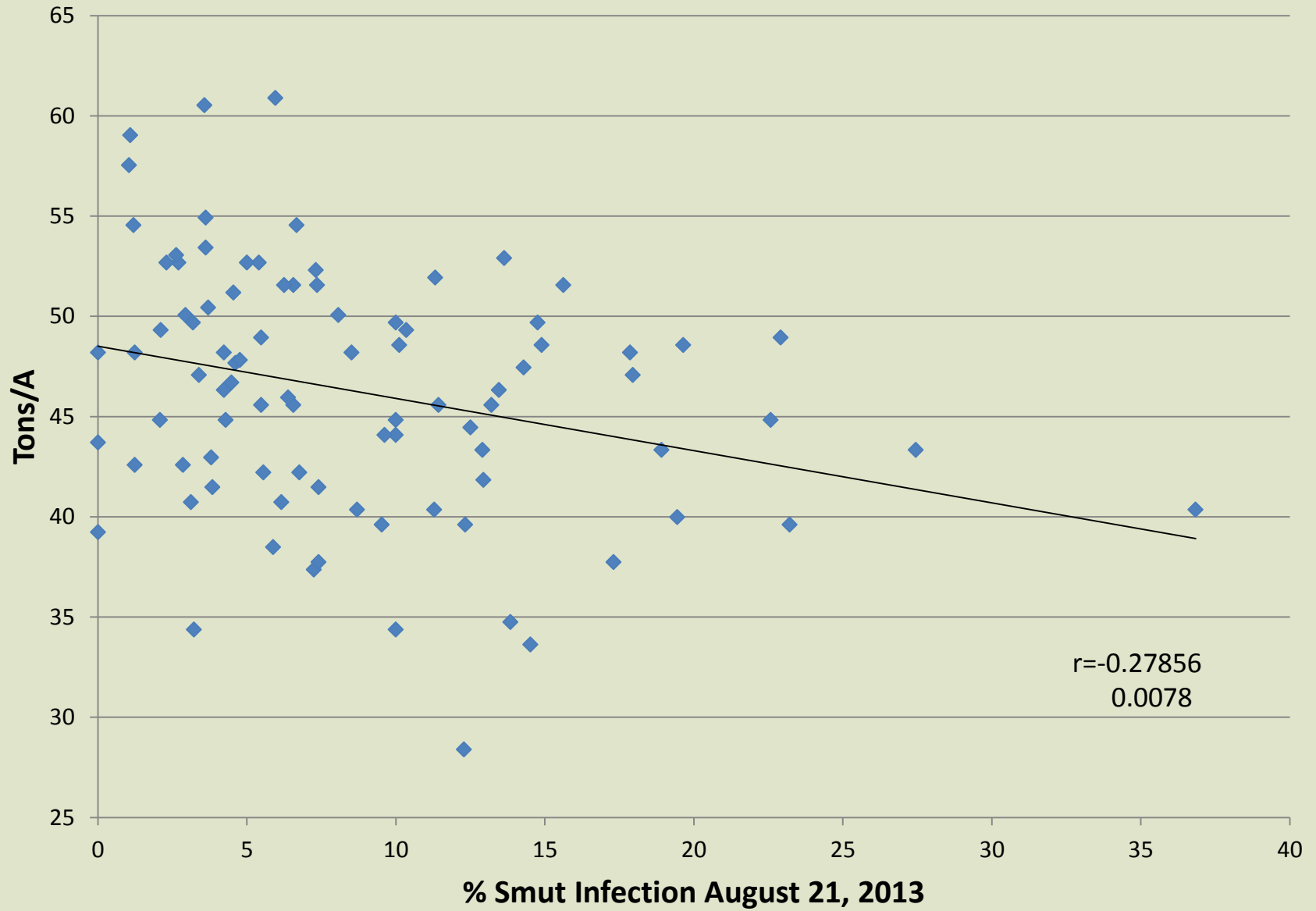


Plots were harvested on December 4-5, 2013

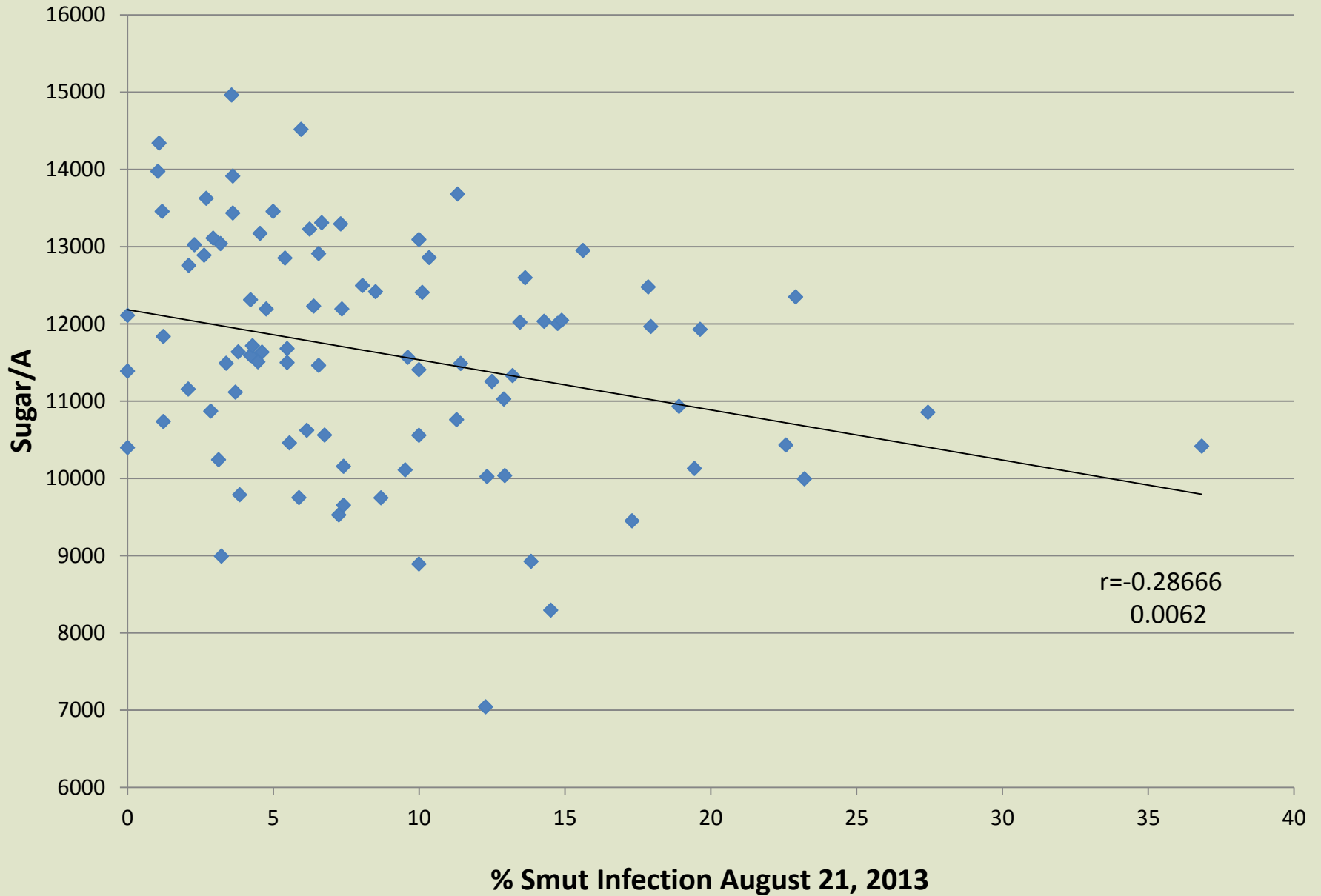
- Plots weighed w/ weigh wagon equipped with load cells
- Billet sub-sample collected for juice analysis
- Cane and sucrose yield calculated using plot weights and TRS



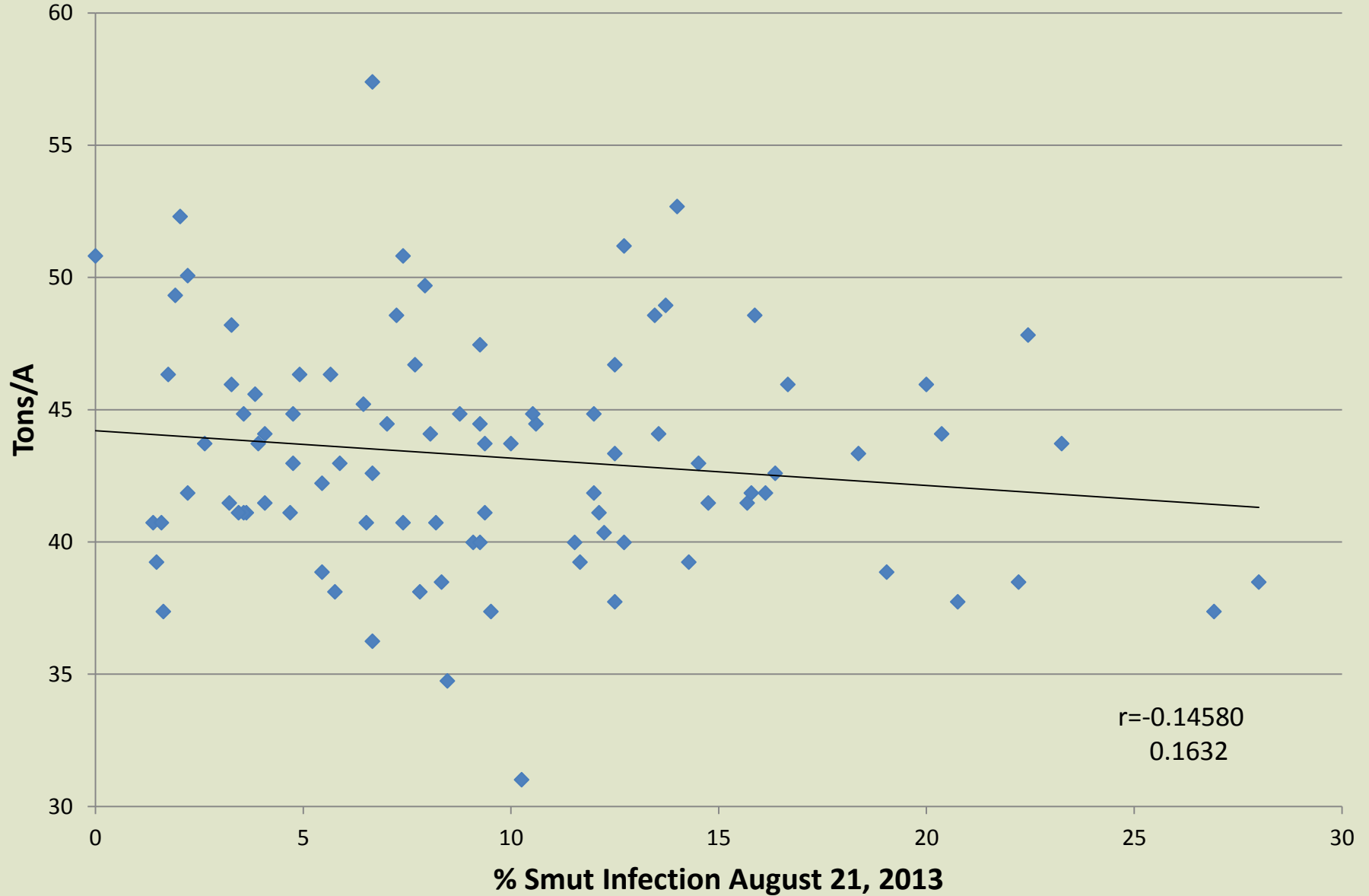
Smut Yield Study 2013, L 01-299, PC



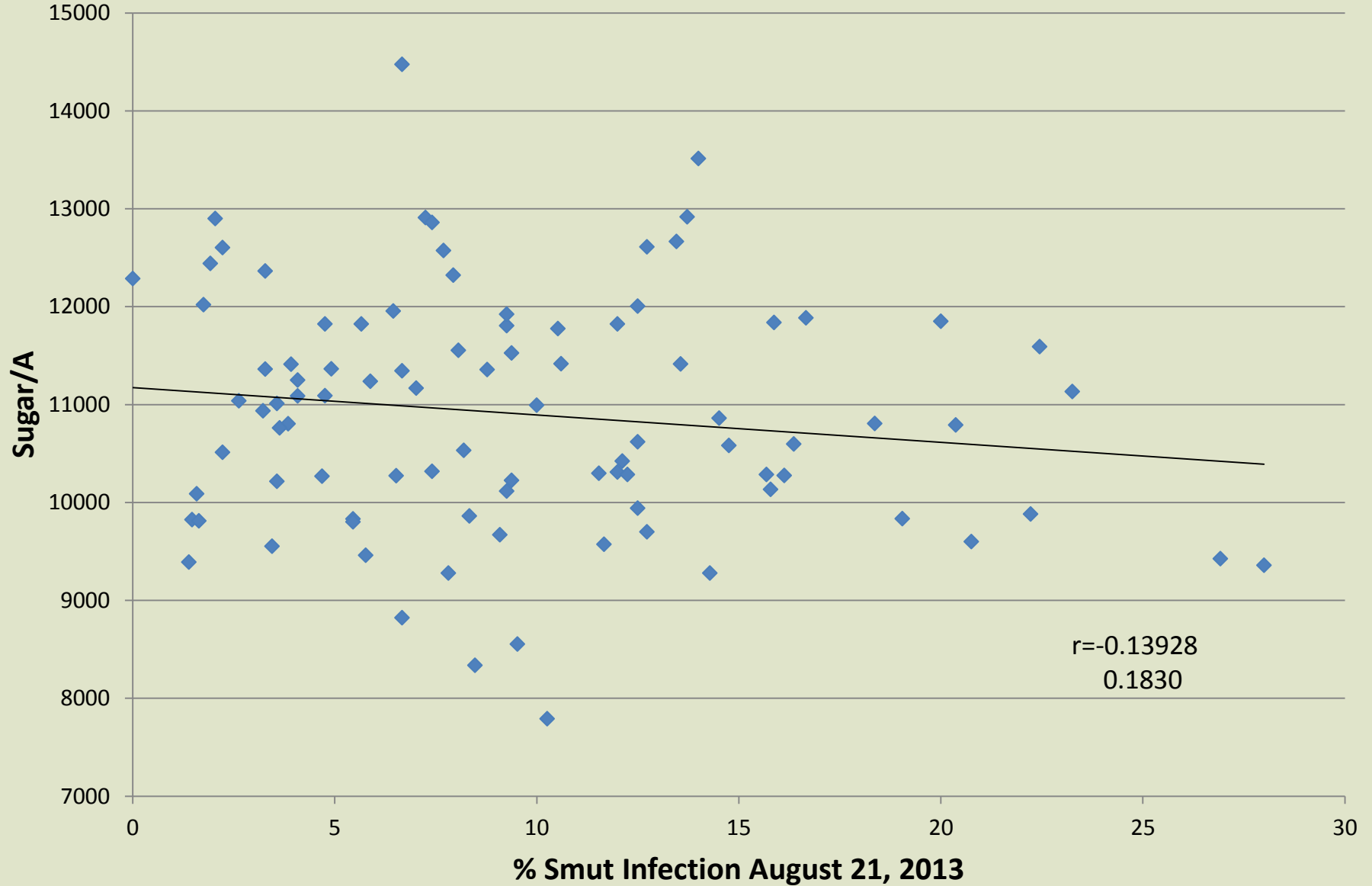
Smut Yield Study 2013, L 01-299, PC



Smut Yield Study 2013, L 01-299, 1st Stubble



Smut Yield Study 2013, L 01-299, 1st Stubble



Preliminary Conclusions

- Cane and sucrose yield were negatively correlated with incidence of smut in the plant cane crop
- Although not significant, a similar trend was noted in the first ratoon crop
- TRS did not differ among plots



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- **Lance Rodriguez**
- **American Sugar Cane League**
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Thank you

