

Peanut Variety Response to Digging Date in 2021

David Jordan
Department of Crop and Soil Sciences
North Carolina State University

919-810-6611

david_jordan@ncsu.edu

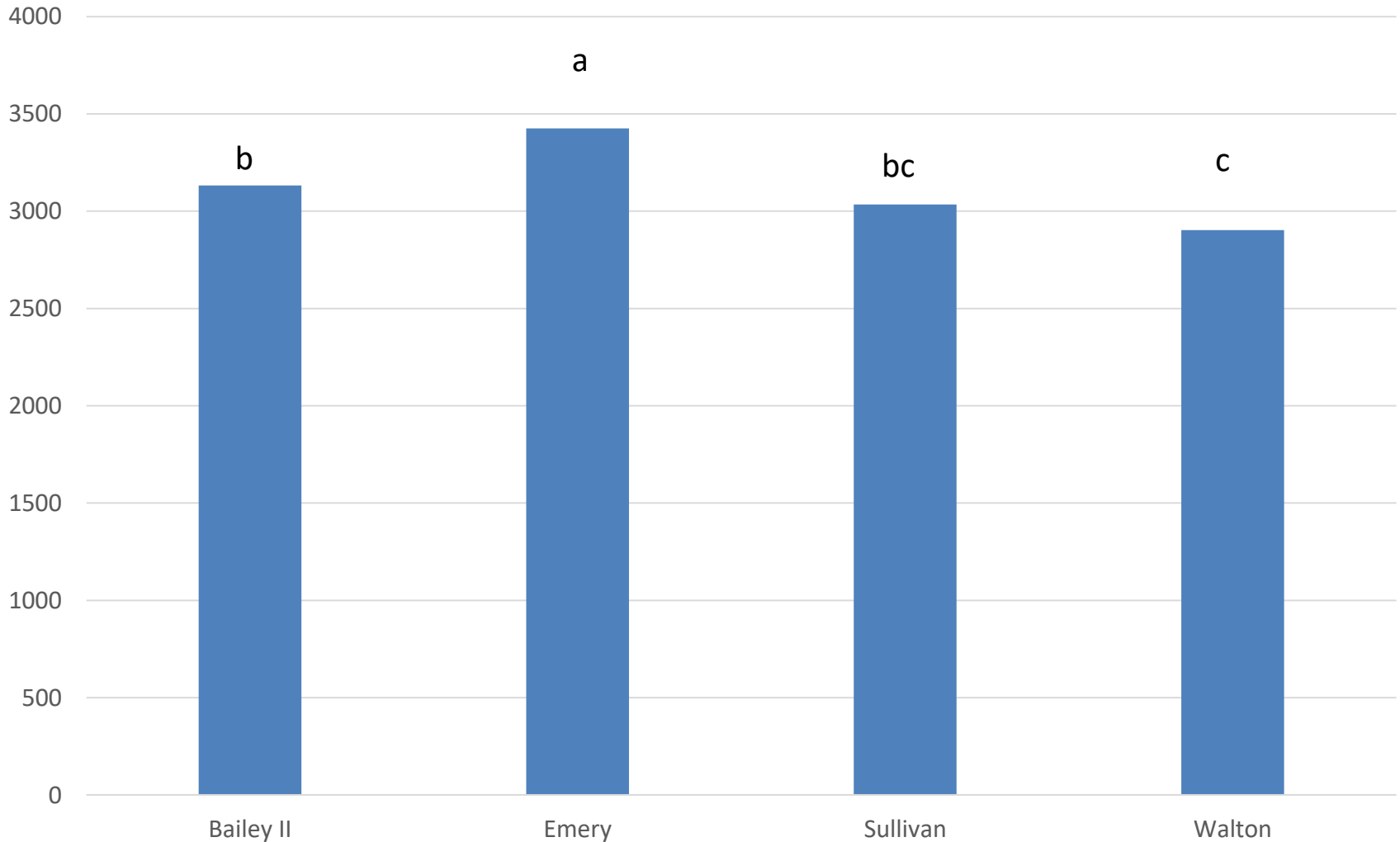
Funded by the North Carolina Peanut Growers Association
Objective 1 in Jordan traditional proposal

Materials and Methods

- Small plots, 2 rows by 30 feet
- 5 replications
- Planted in early to mid-May
- Conventional tillage
- Varieties: Bailey II, Emery, Sullivan, and Walton
- Digging dates: September 8 and 23, October 5 and 15

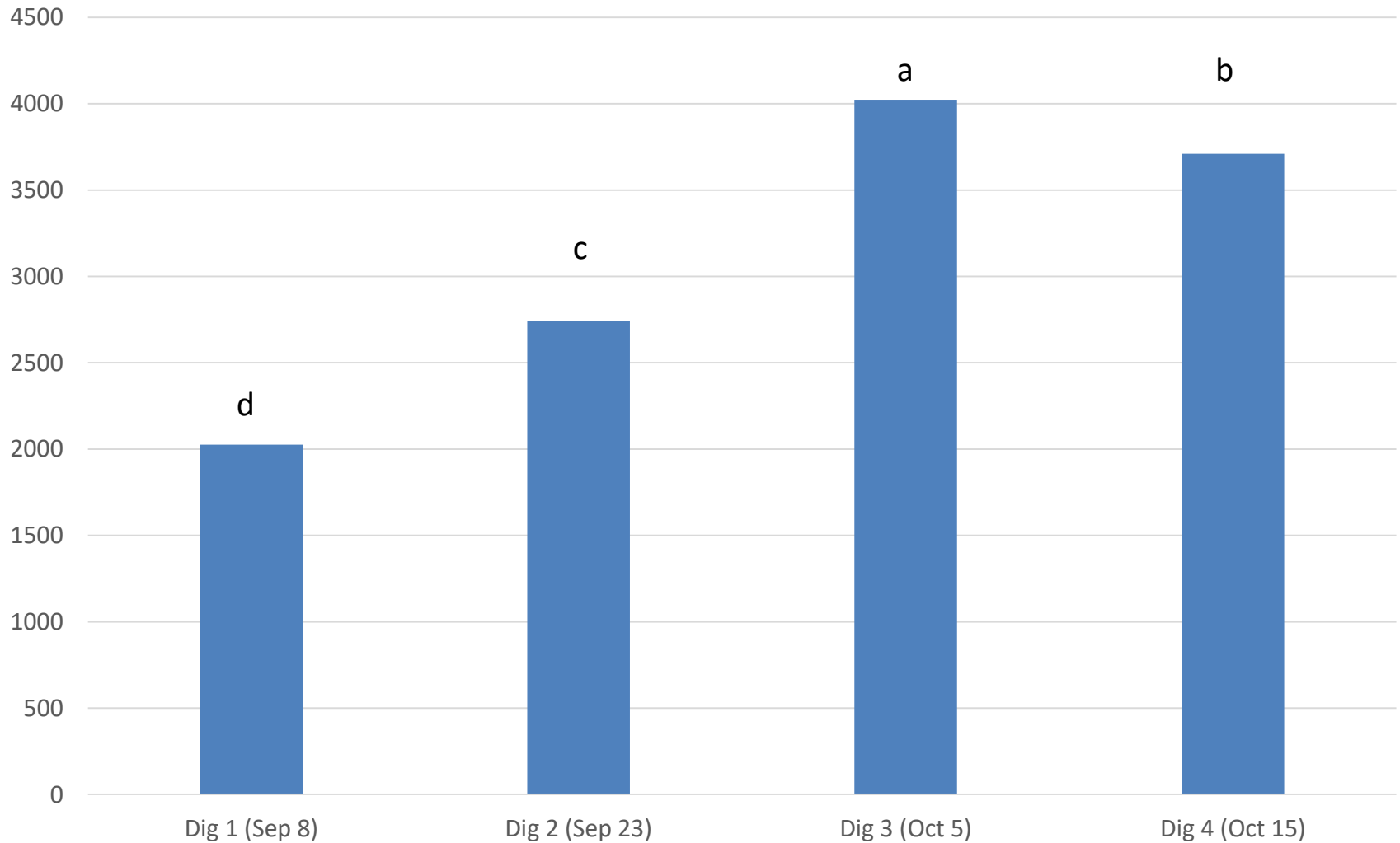
Peanut Yield (pounds per acre) for Bailey II, Emery, Sullivan and Walton

Data are pooled over 4 digging dates in 2021



Peanut Yield (pounds per acre) for Four Digging Dates

Data are pooled over 4 varieties in 2021



Summary

- The interaction of variety and digging date was not significant while main effects of both variety and digging date were significant
- Emery yielded more than all other varieties while Bailey II and Sullivan yielded similarly and greater than Walton
- The highest yield was observed when peanut was dug October 3
- Results for digging dates are similar to 2020 data under different conditions in the fall with the exception of lower yields for Walton in 2021 compared with 2020
- Digging 12 days prior to optimum maturity resulted in not realizing 1,282 pounds/acre