

# **Comparison of In-Furrow Insecticide and Inoculant Combinations**

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

Rick Brandenburg and Brian Royals  
Department of Entomology and Plant Pathology

**Thrips damage on an ordinal scale of 0 to 5 where:**

0 = no damage

1 = noticeable damage but no stunting

2 = noticeable feeding and 25% stunting

3 = feeding with blackened terminals and 50% stunting

4 = severe feeding and 75% stunting

5 = severe feeding and 90% stunting

**Plant stunting on a scale of 0 to 100% where 0 = no stunting and 100 = plant death**

**Nodule health on an ordinal scale of 0 to 5 where 0 = no nodules and 5 = abundant nodulation**

## **Peanut Belt Research Station**

Planted May 16

Bailey II

No foliar insecticide sprays

Exceed at 13.5 oz/acre

Primo Power at 6.5 oz/acre

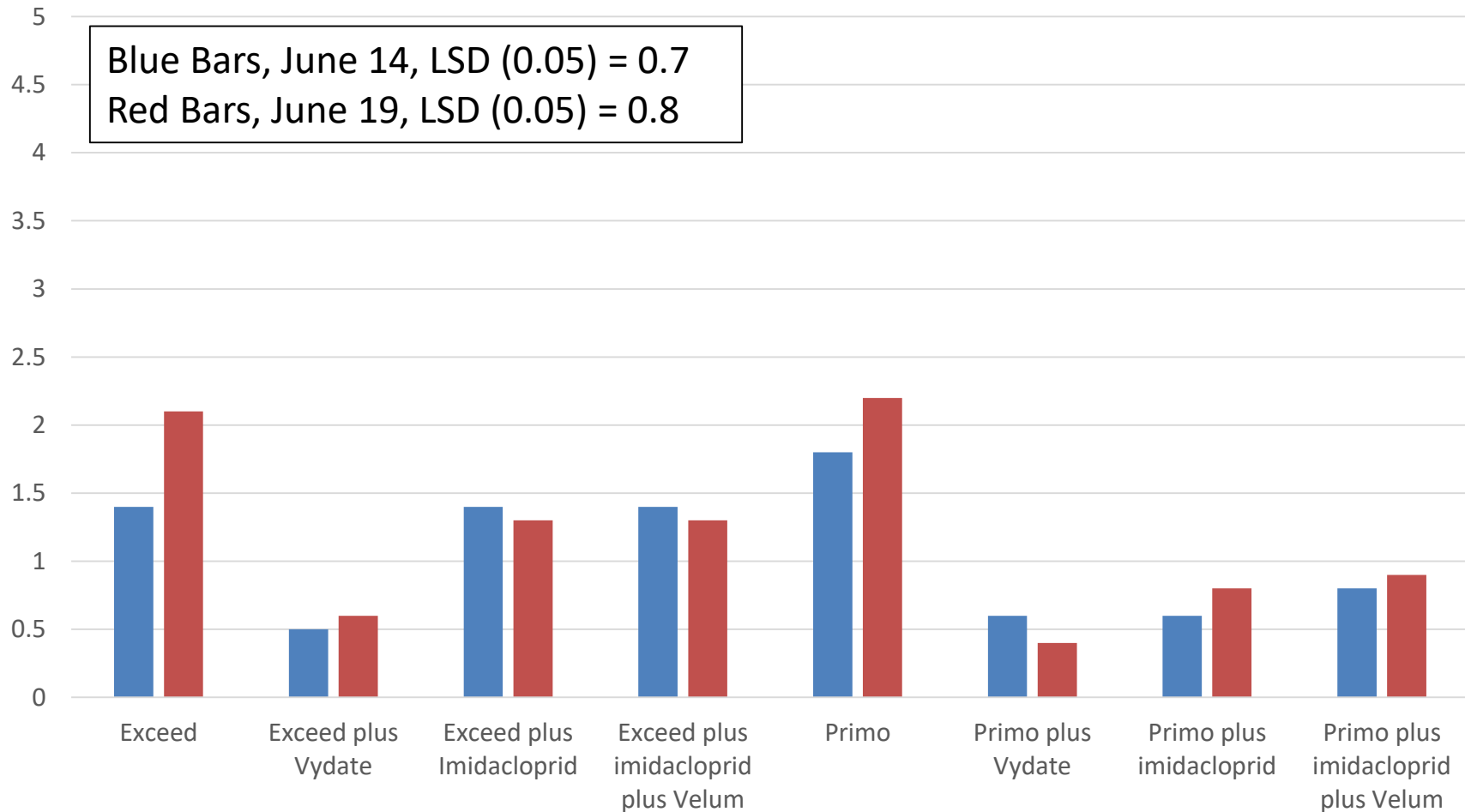
Vydate at 34 oz/acre

Imidacloprid at 12 oz/acre

Velum at 6.5 oz/acre

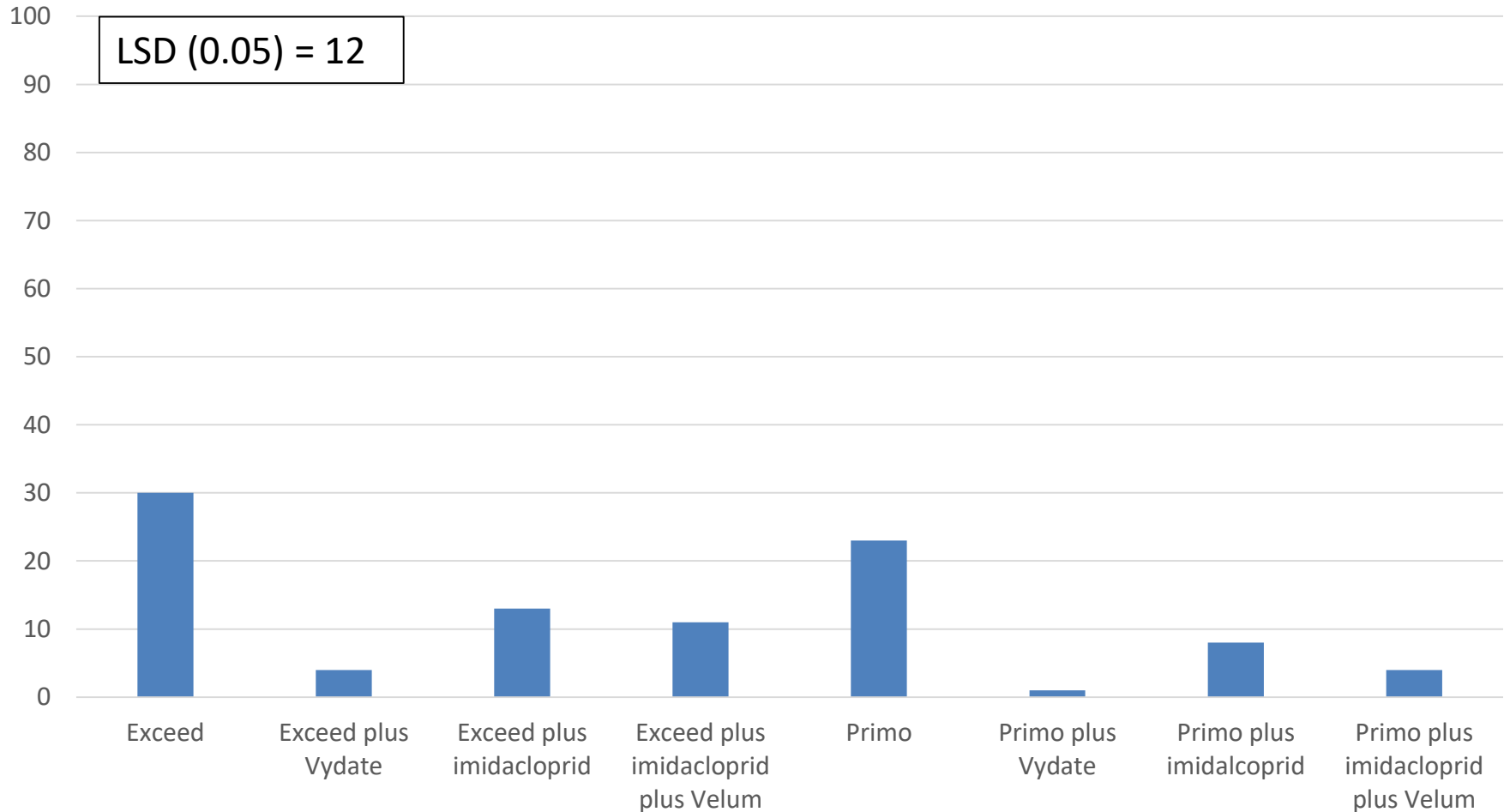
# Thrips Injury 2023

Scale of 0-5 (0 = no injury and 5 = severe feeding and 90% stunting)



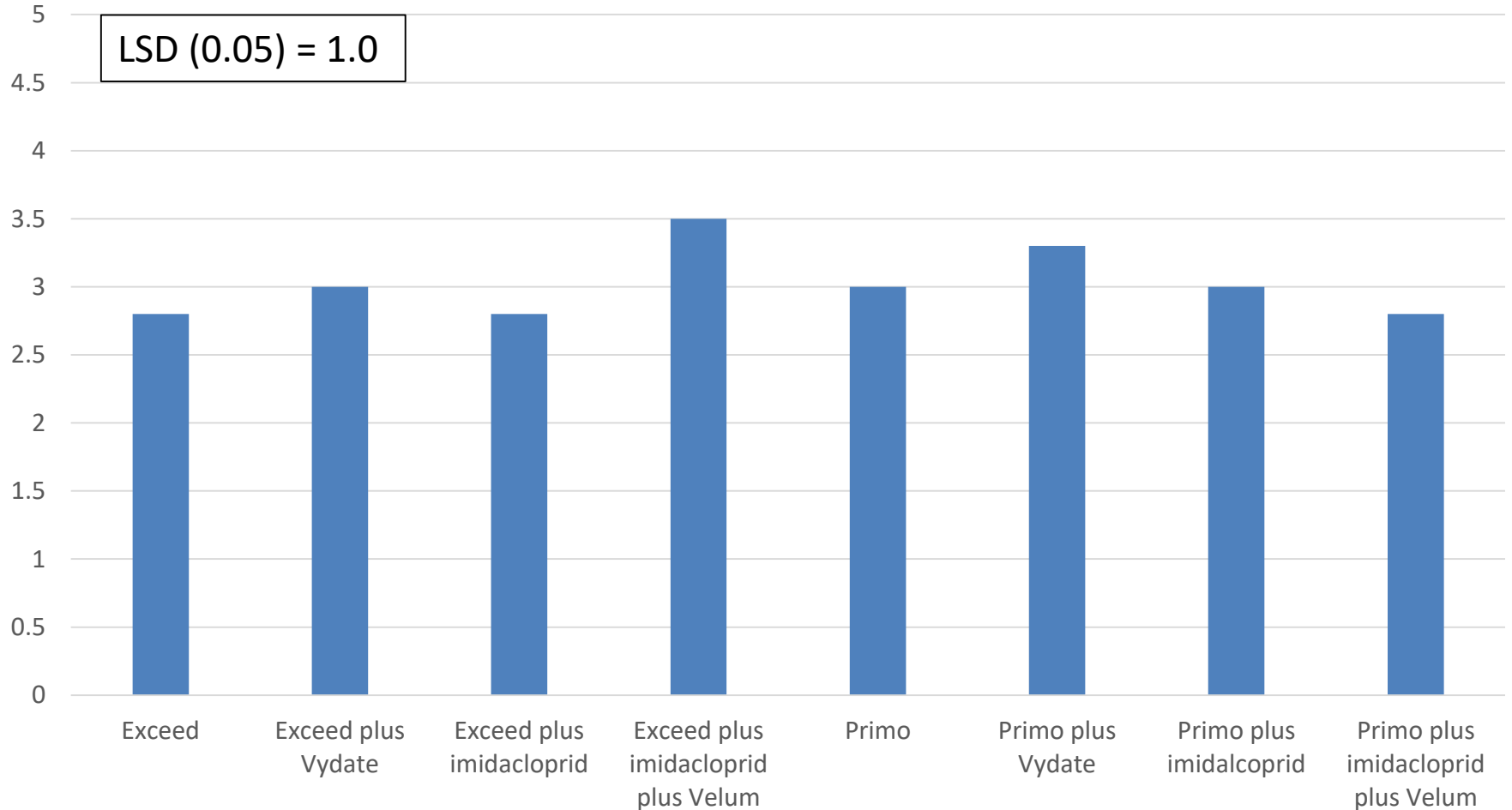
# Peanut Stunting on July 5, 2023

Scale of 0-100% (0 = no stunting and 100 = plant death)



# Peanut Nodules on July 5, 2023

Scale of 0-5 (0 = no nodules and 5 = abundant nodules)



# Peanut Yield pounds/acre

