

Managing Insects in Row Rice

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Bill Bug



Rice water weevil



First Signs of Feeding



Billbug Feeding

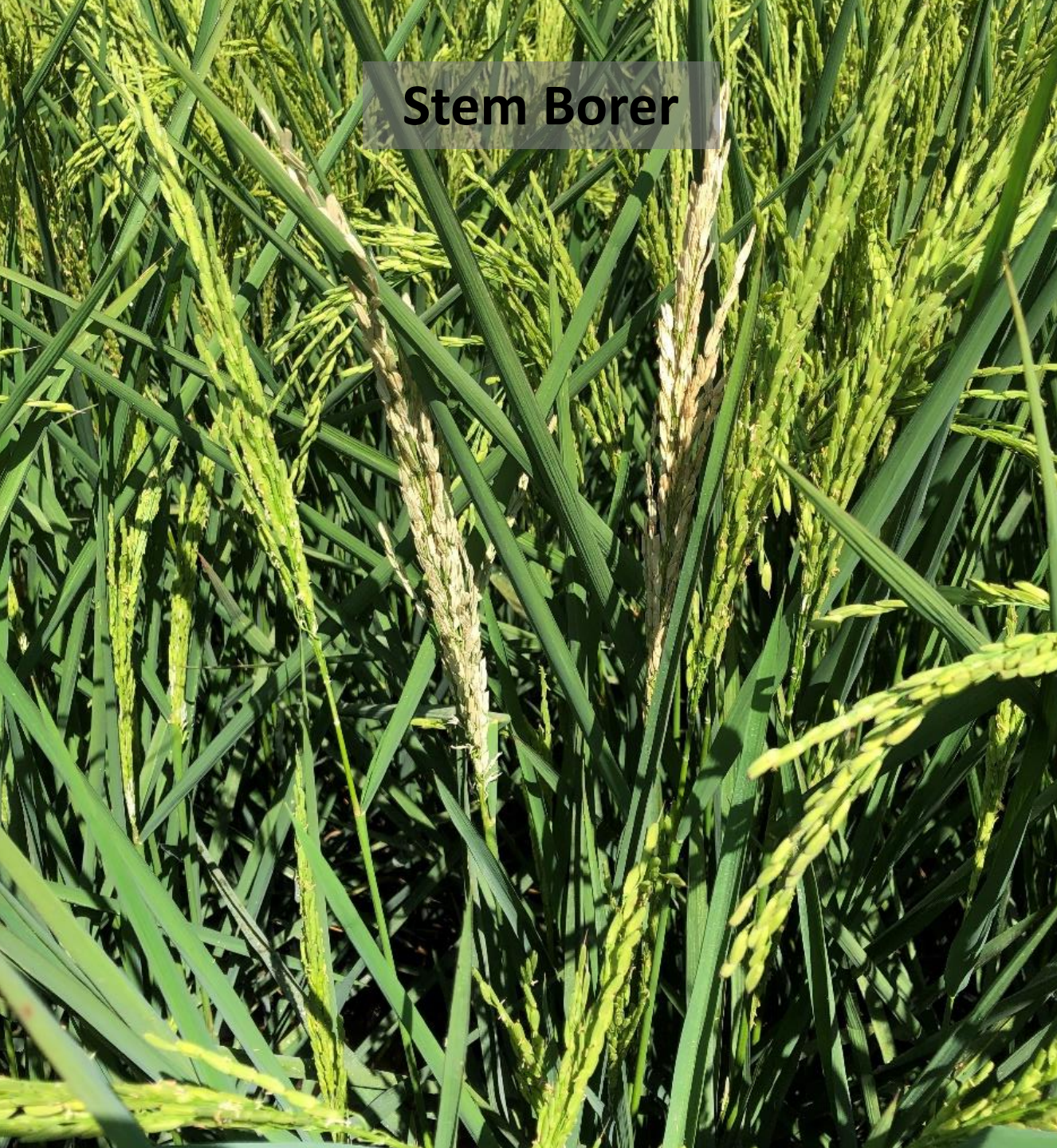








Stem Borer

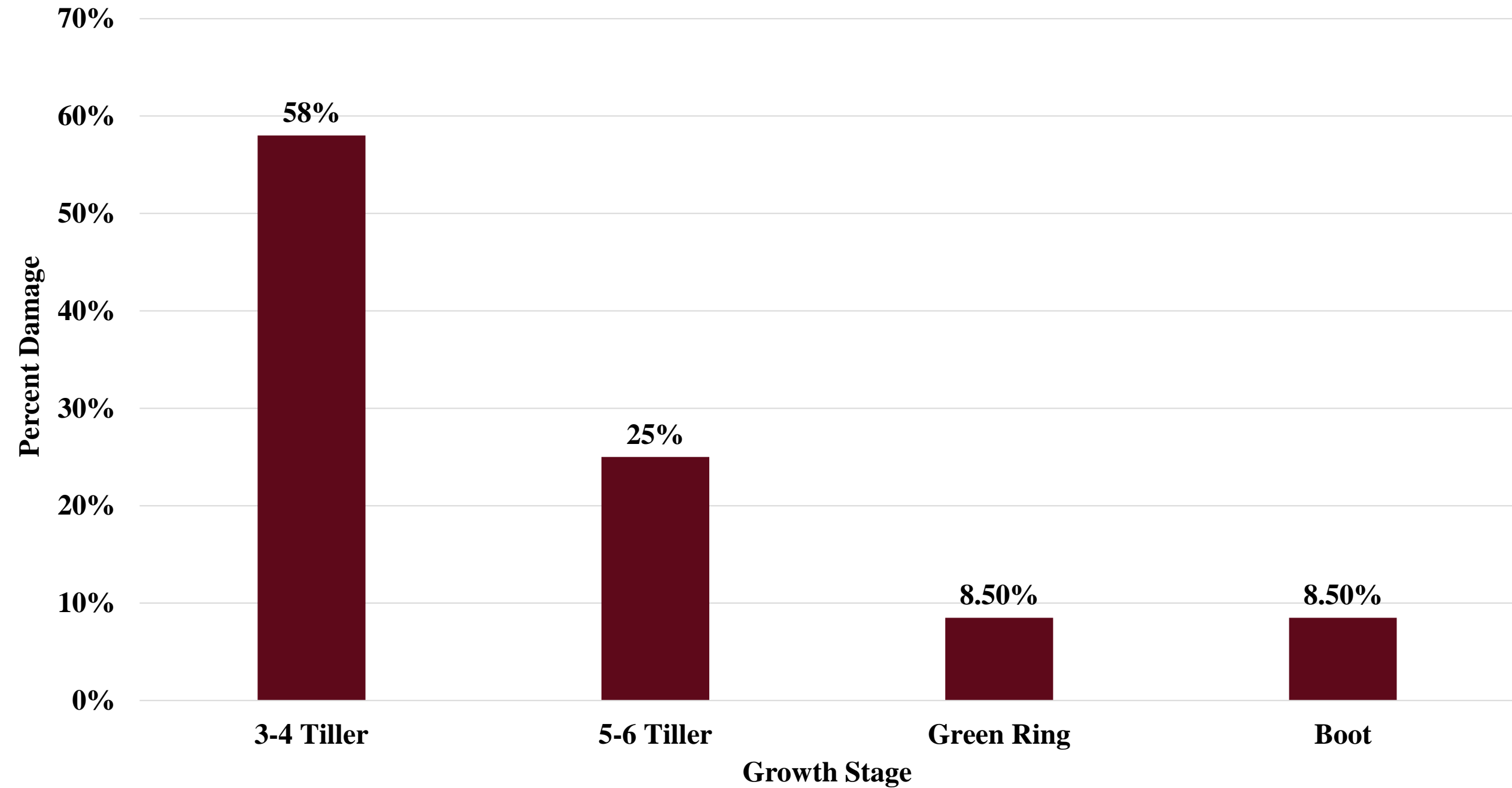


Rice Billbug

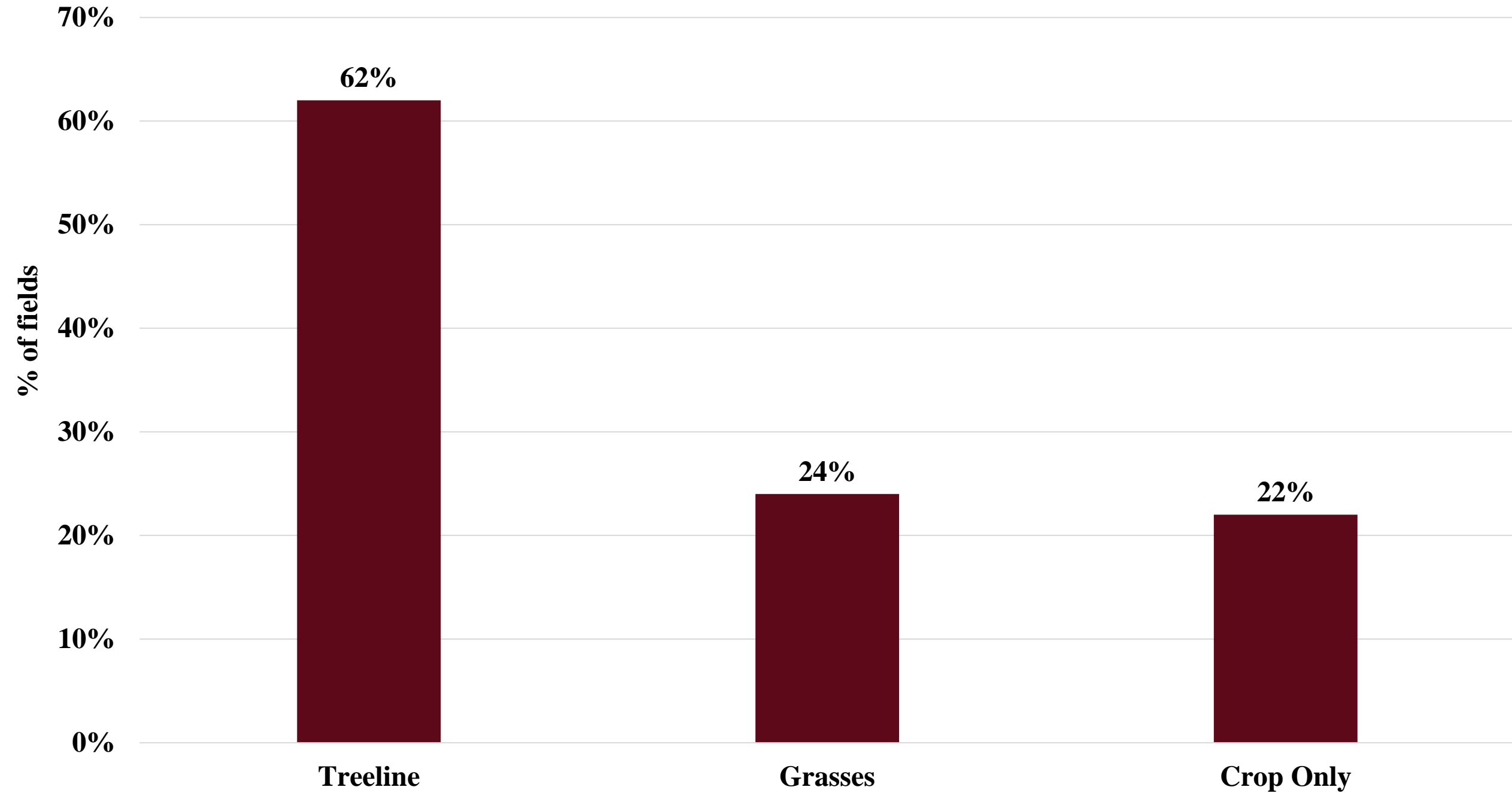




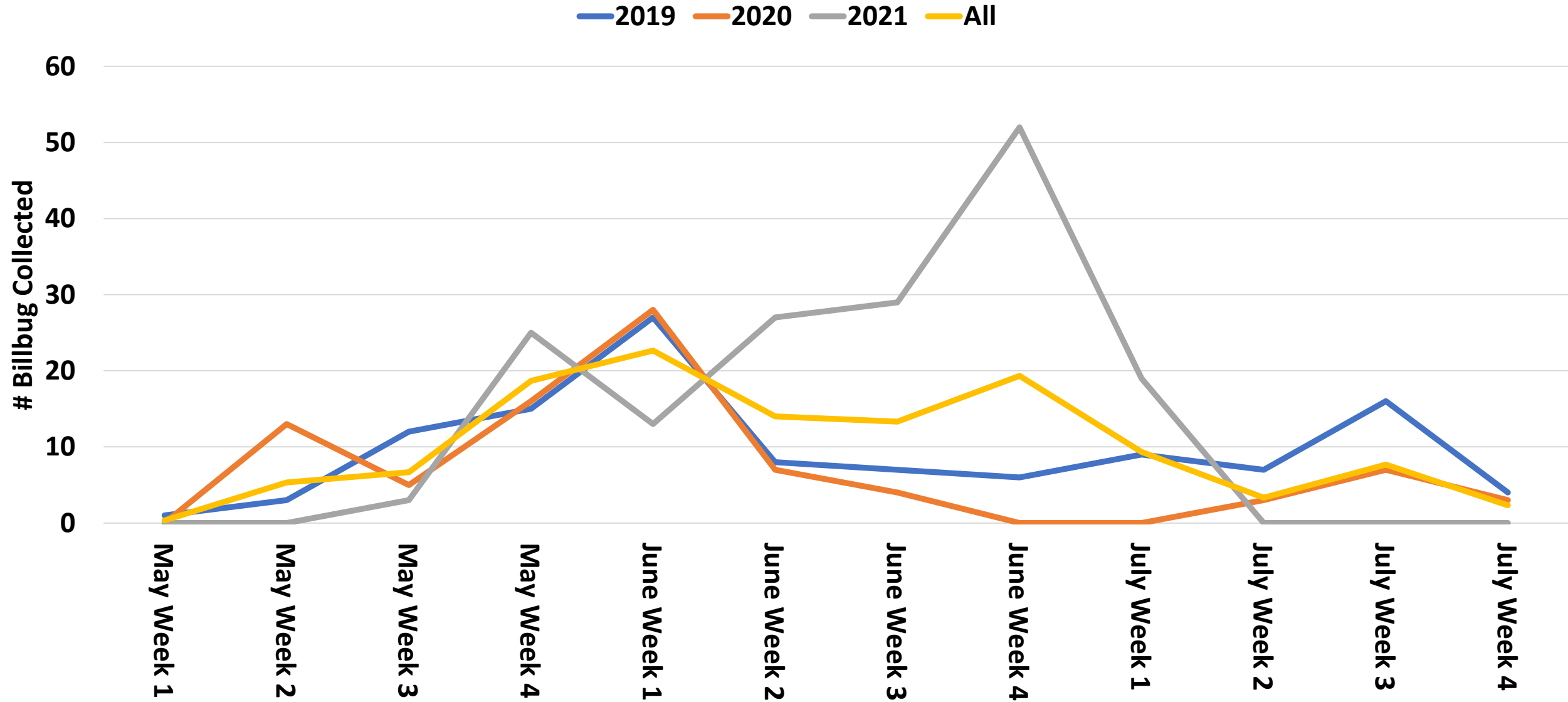
Billbug Damage Occurrence by Growth Stage



% Risk of Infestation by Surrounding Fields



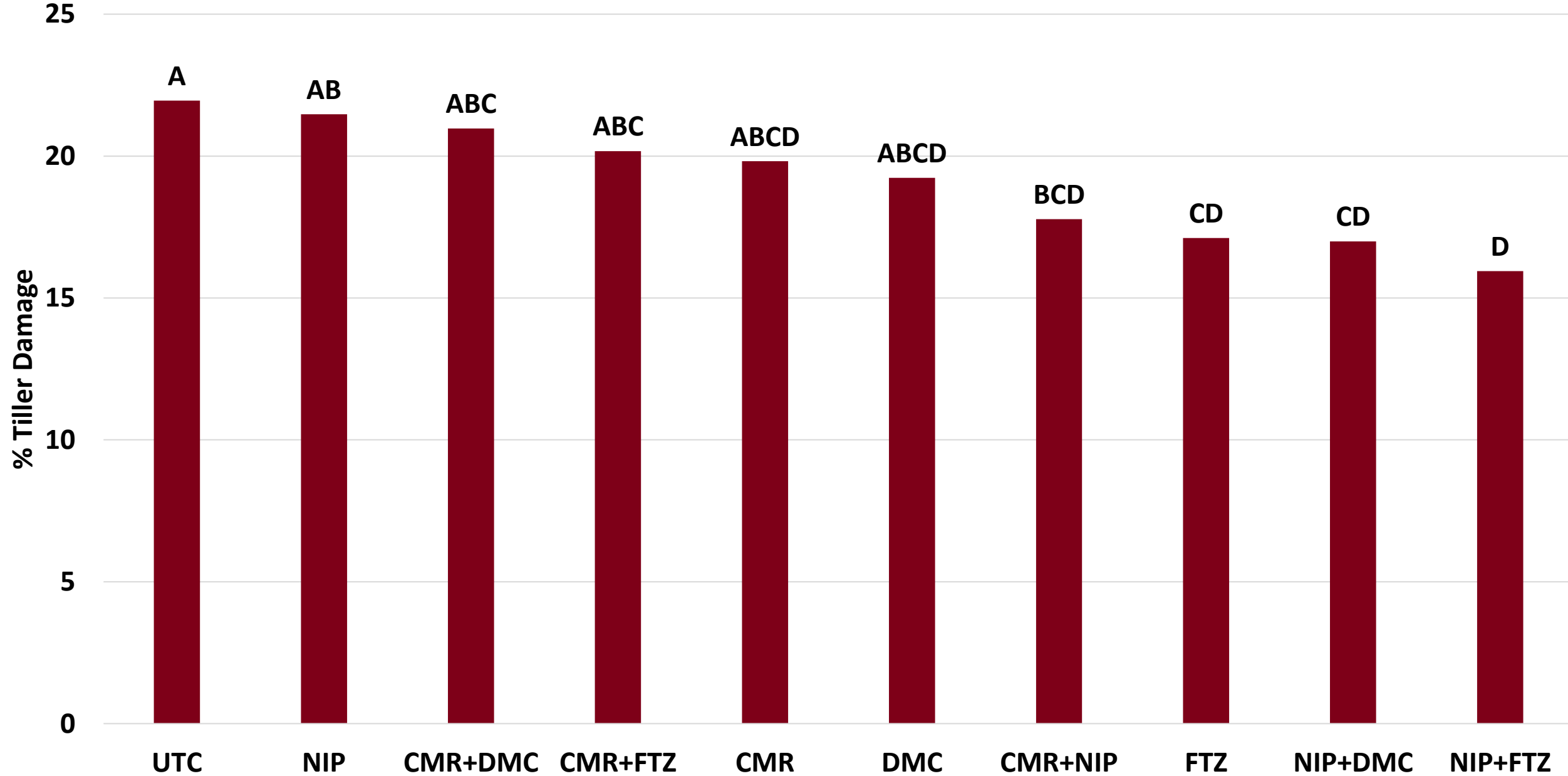
Collection by Date 2019-2021



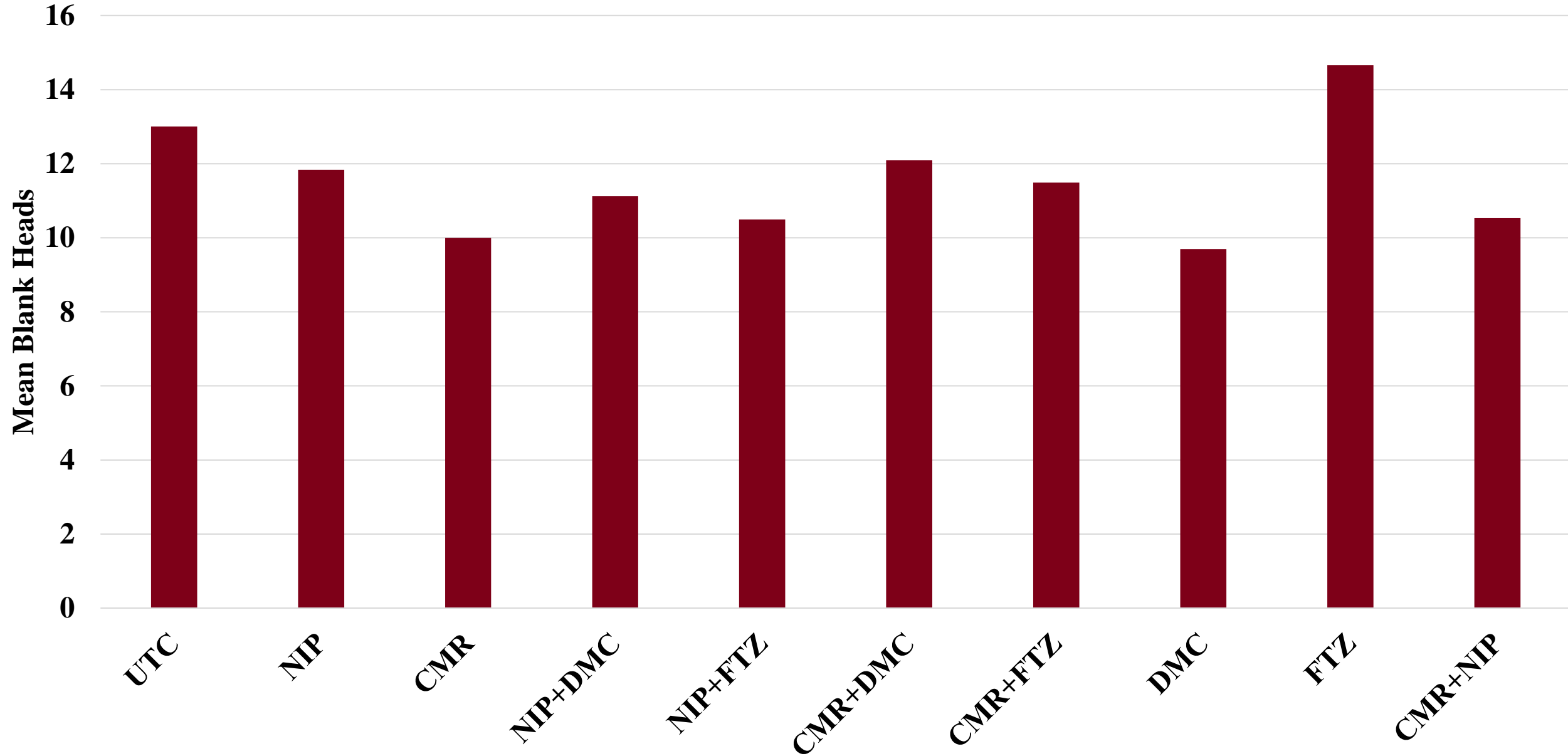
What about control?



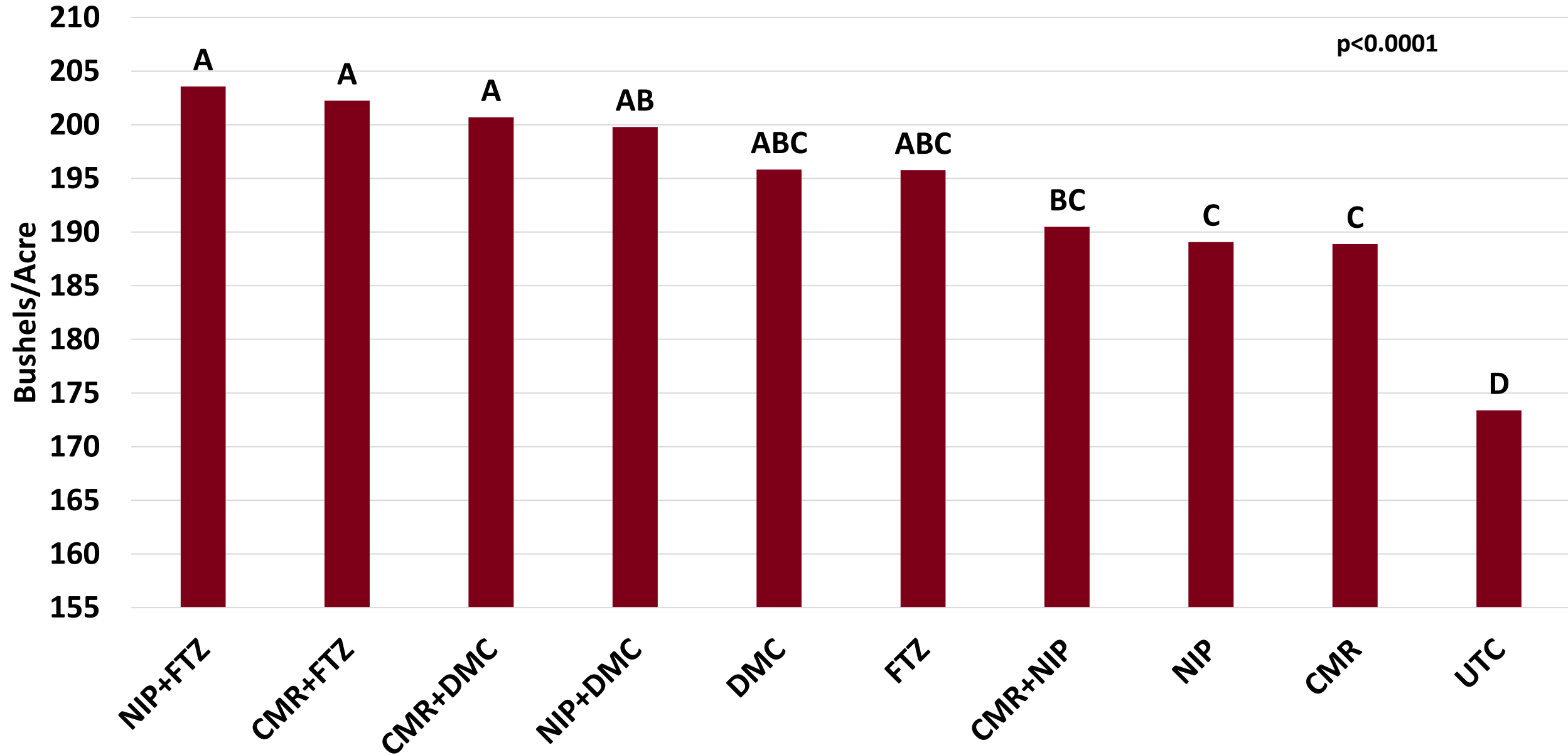
Percent Damaged Tillers



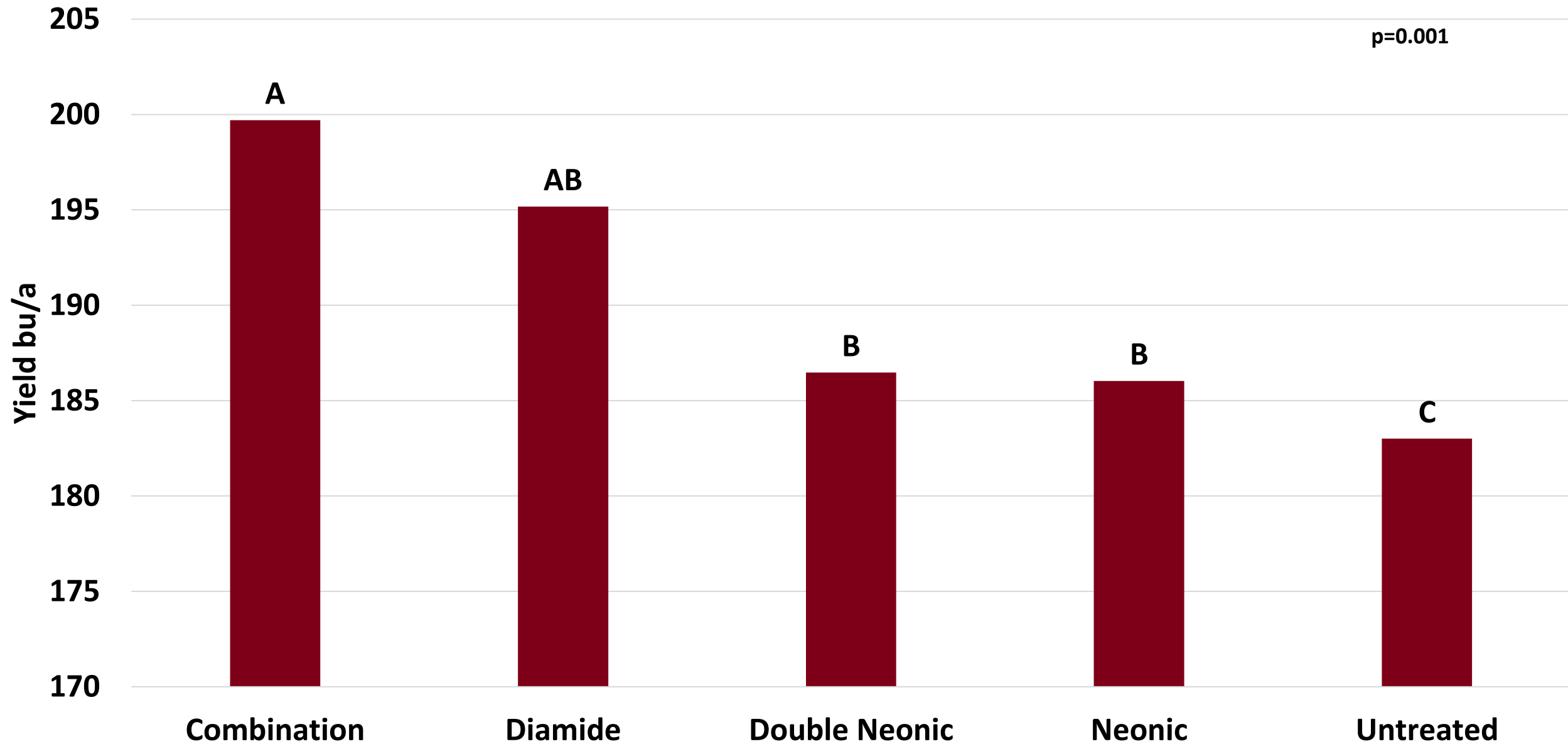
Blank Heads



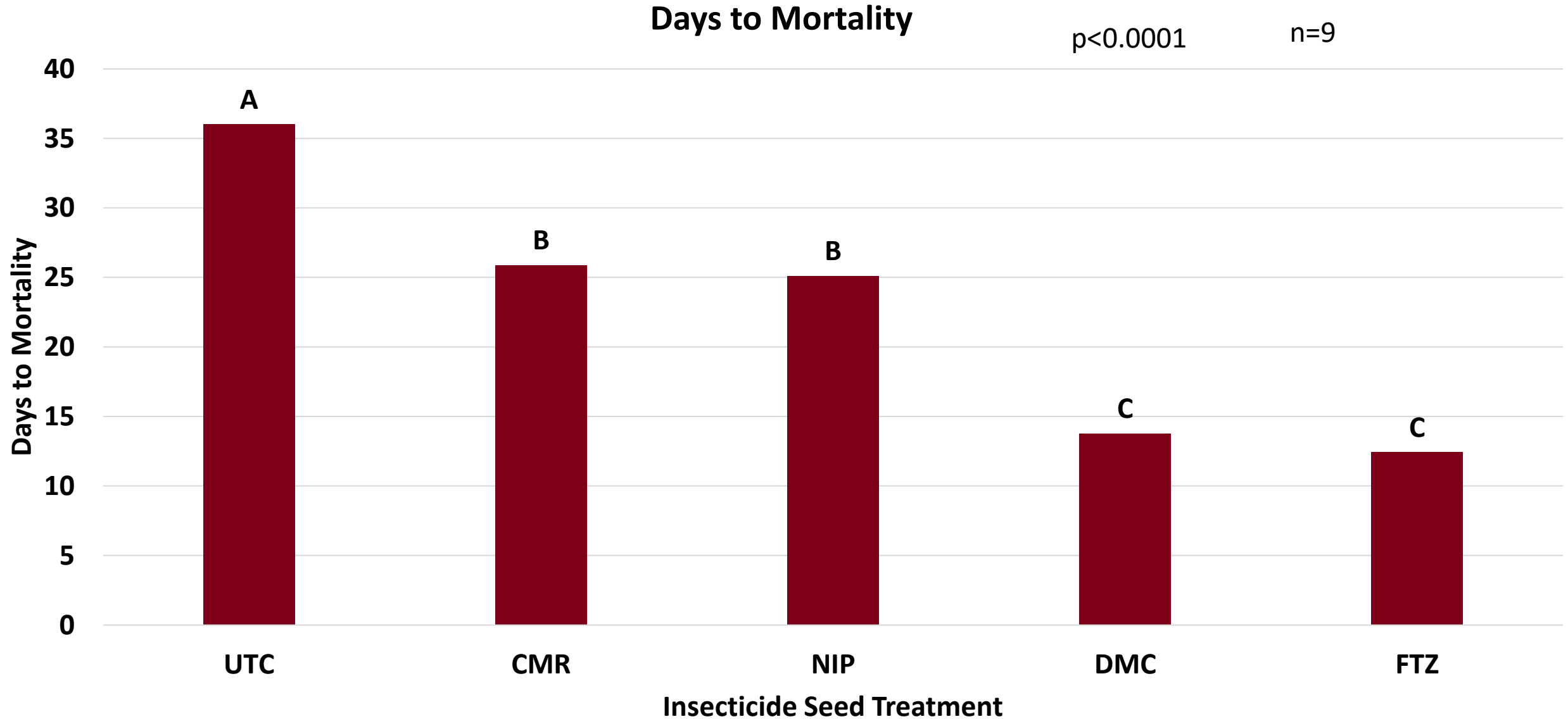
Yield



Yield by Insecticide Class



IST Greenhouse Study



IST's Strengths and Weaknesses

IST	Grape Colaspis	Rice Water Weevil	Armyworm/ Stem Borer	Rice Billbug
CruiserMaxx	Very Good	Good	Poor	Poor
NipsIt Inside	Very Good	Good	Fair	Poor
Dermacor	Poor	Very Good	Very Good	Good
Fortenza	Fair	Very Good	Very Good	Good

Neonics: NipsIt Inside and CruiserMaxx provide excellent control of early season pests and have a **28-35** day residual after planting

Diamides: Dermacor and Fortenza have longer residual and provide superior control of RWW and caterpillars

Take Home

Billbug:

- **IST combos seem to be effective**
 - Nipsit or Cruiser with Fortenza or Dermacor
- **Foliar Timing?**
 - Potential but still have work to do
- **Limited information available**
- **Scout**



Entomology Crew - 2021

Hardest Working Crew in Arkansas



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