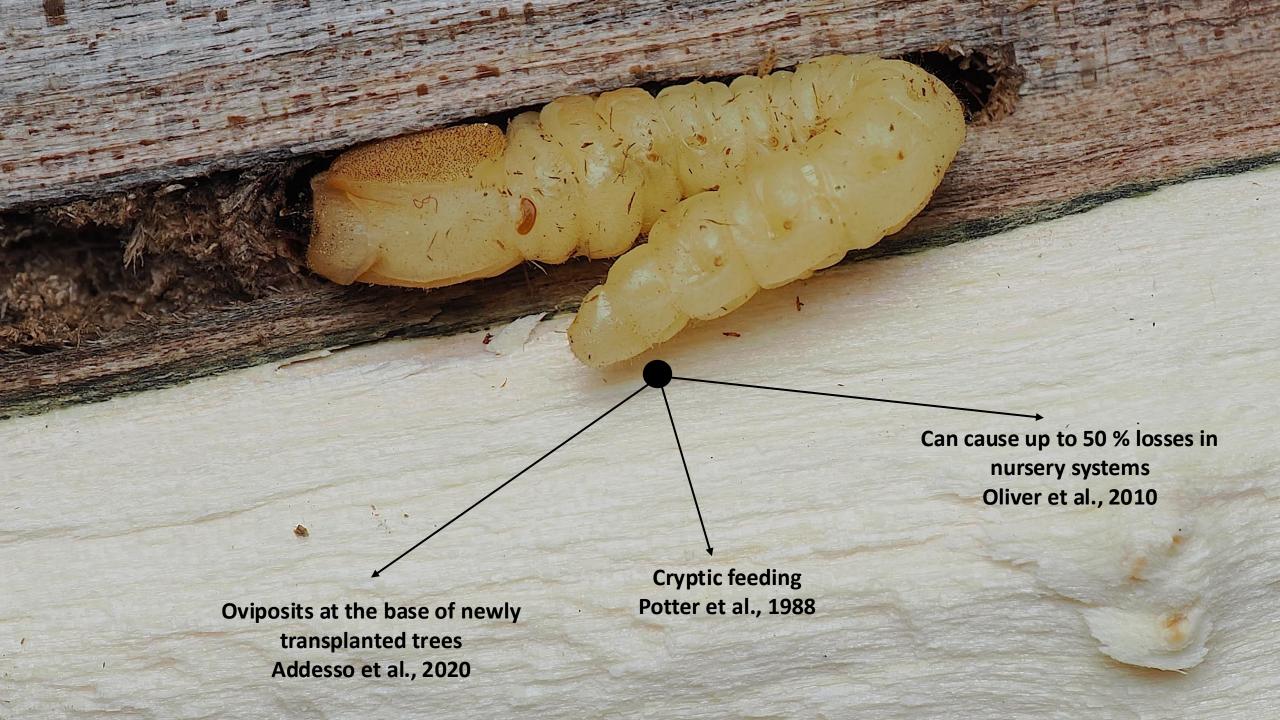
Interactions of cover crop-irrigation on the growth & borer attacks of red maples in nursery systems

> Alfred Johnson, Karla Addesso Anthony Witcher & Jason Oliver

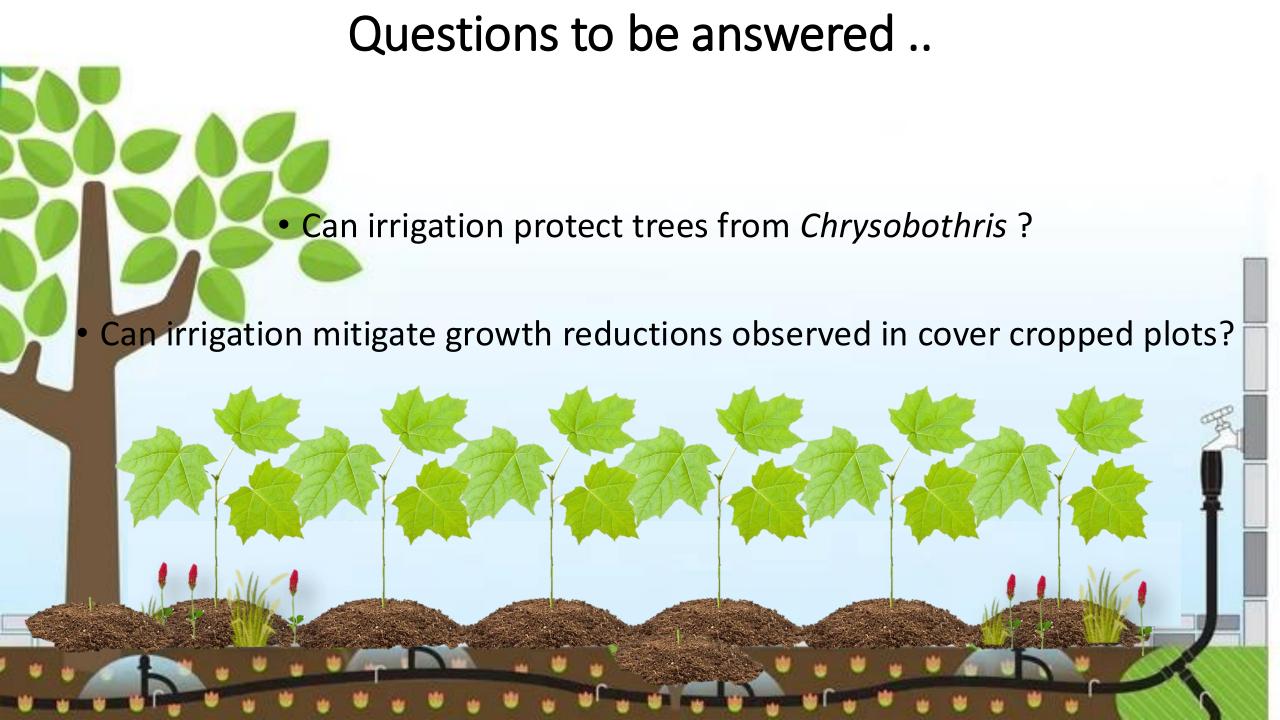


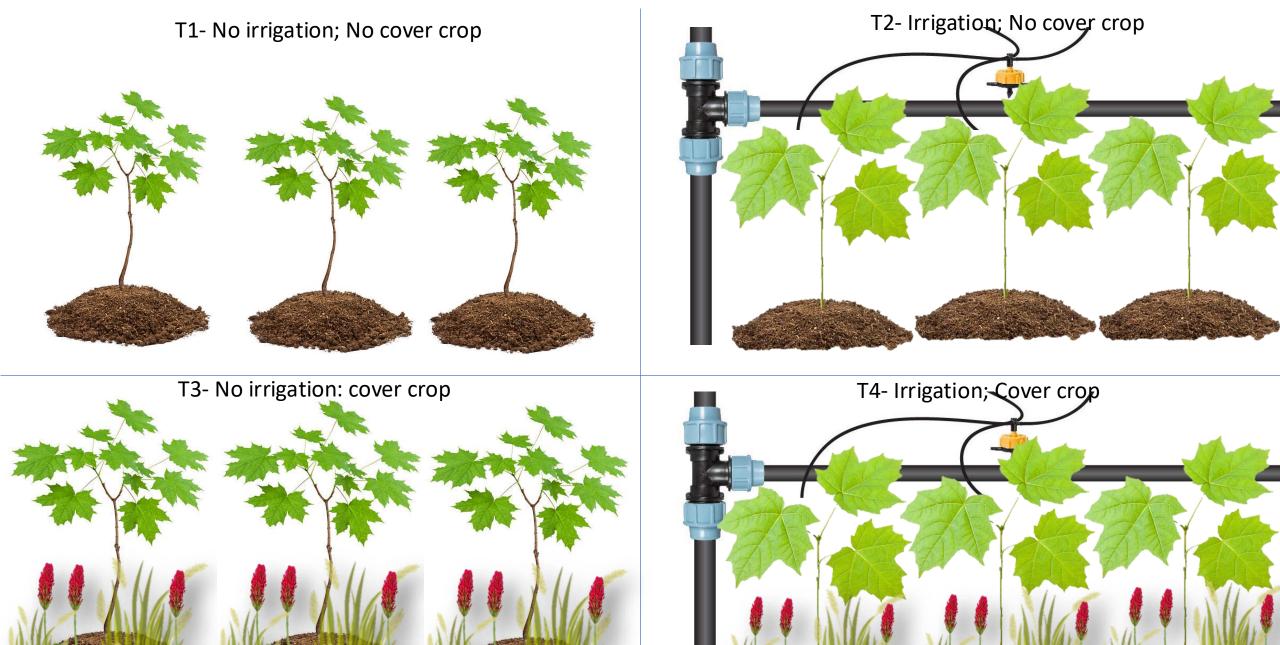


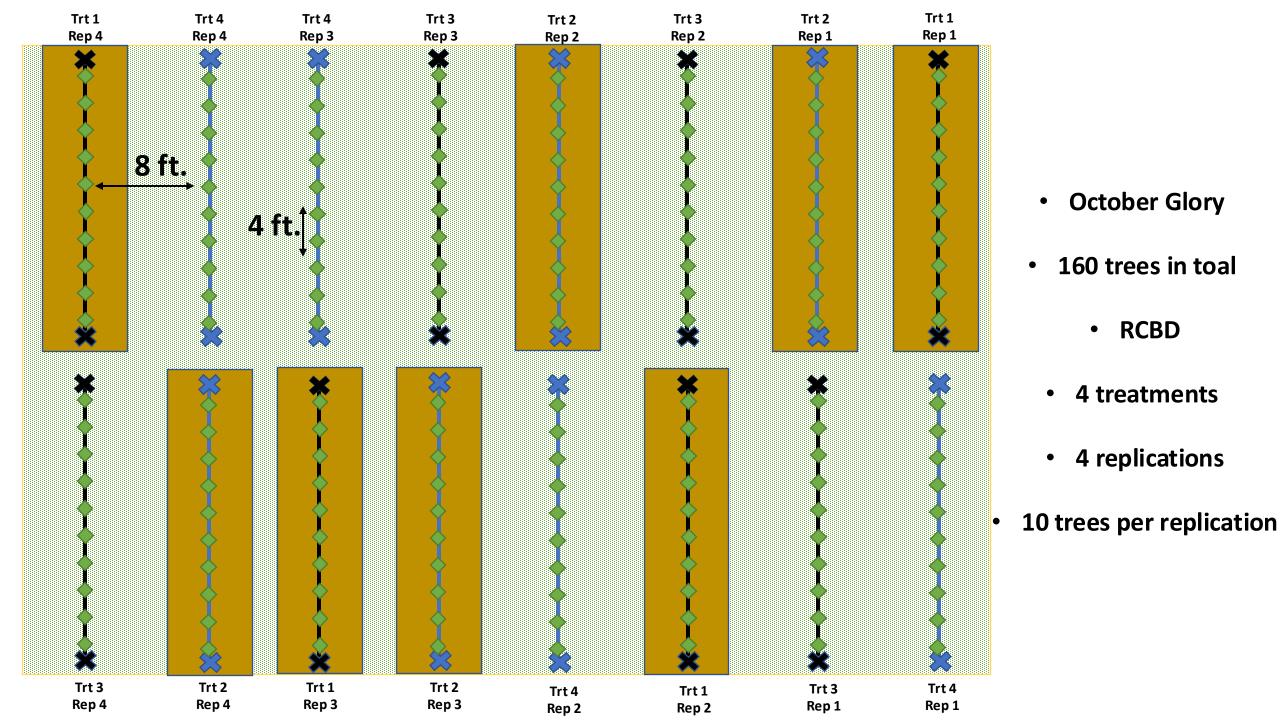


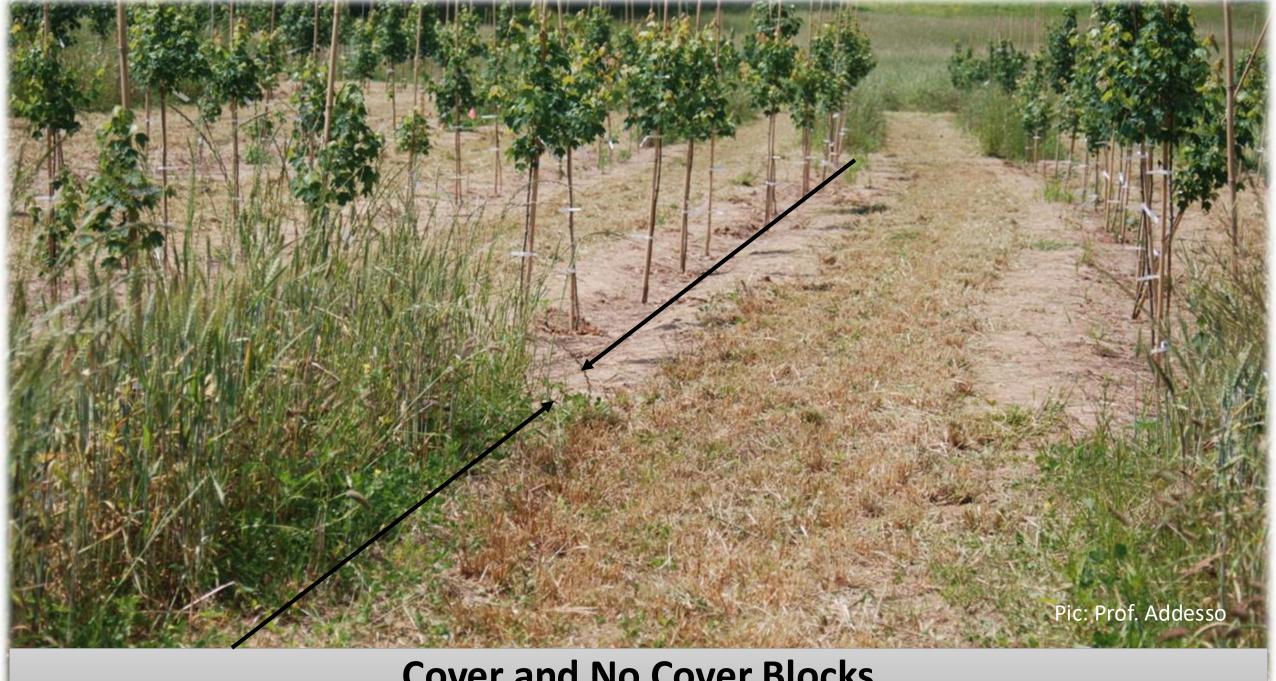






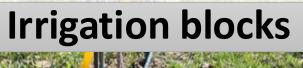






Cover and No Cover Blocks

No Irrigation blocks





What have we collected?

• Foliar pests and disease pressure

Beneficials in cover crop/



SPAD readings

Trunk Temperature

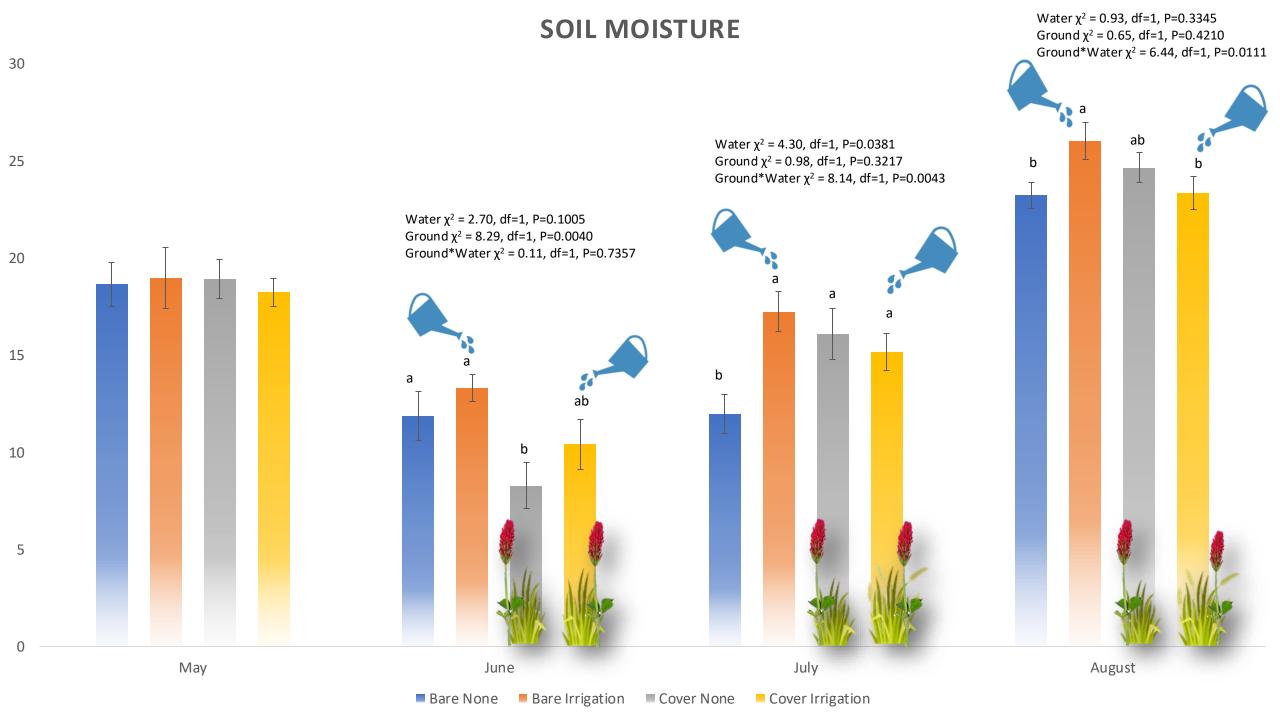
• Soil moisture **c**



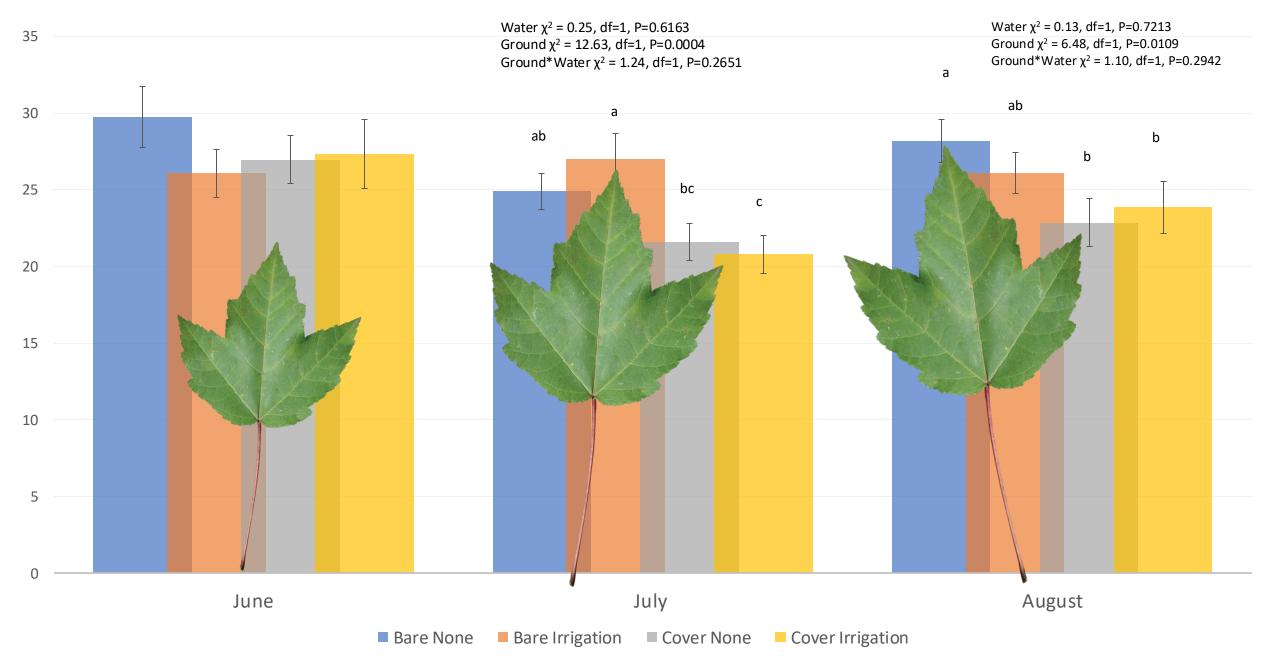
- Tree growth

Flatheaded borer attacks

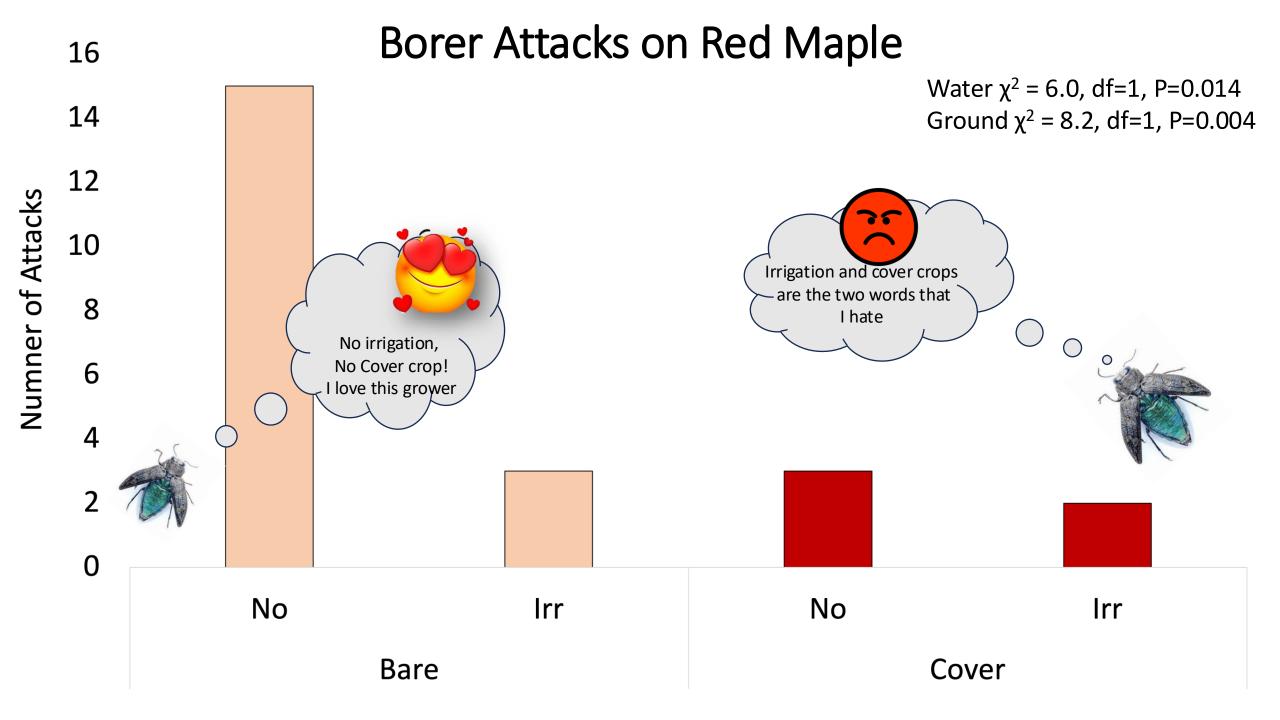




Leaf Area







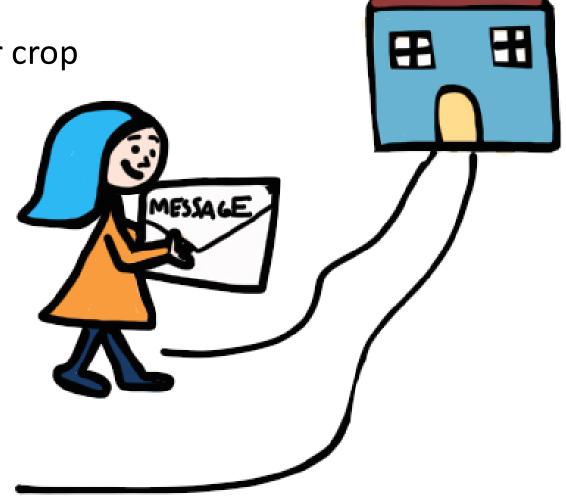


• Irrigating newly transplanted trees can protect red maples

• If you can, irrigate new transplants

• If you can't irrigate, consider winter cover crop

Irrigation tests will be repeated in 2024





United States Department of Agriculture National Institute of Food and Agriculture

Acknowledgements

Addesso Lab

Paul O'Neal

Kripa Dhakal

Angelo Wood

Cheyenne Morales

Witcher Lab

Grayson Delay

Terry Kirby



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These projects have been funded by SSARE (OS14-084, LS18-287) and USDA-SCRI (2020-51181-32199)

