

# Projecting the Economic Impact of SLF

Jayson Harper

Professor of Agricultural Economics

Penn State University

# Tasked with developing an estimate of the impact of SLF on agriculture/forestry in effected areas of Pennsylvania

- Received small grant from Center for Rural Pennsylvania to conduct study...so Pennsylvania focused, but SLF doesn't recognize state borders
- Must come up with estimates in the next year...Grant started in May and ends in April 2019.
- Important to demonstrate need for funding from USDA etc.

# How do you estimate impact?

- Data on crop acreage and value
- Damage estimates from experts (entomologists) on the potential impact of SLF on various crops
  - Annual crops
  - Tree and vine crops
  - Nursery crops
  - Forest trees
  - Etc.
- Estimate the cost of management practices
  - Monitoring
  - Spraying
  - Banding
  - Managing *Ailanthus*
- ??? Estimate total direct economic impact
- Estimate total indirect economic impact (impact beyond producers on economy)

Result: \$\$ estimate that will live forever and help us get grant funding!!!

# Where are we today?

- Compiling data from NASS (Census of Ag etc.)
- Meeting lots of people who will help
- Planning next steps including a producer survey (IRB approval)