

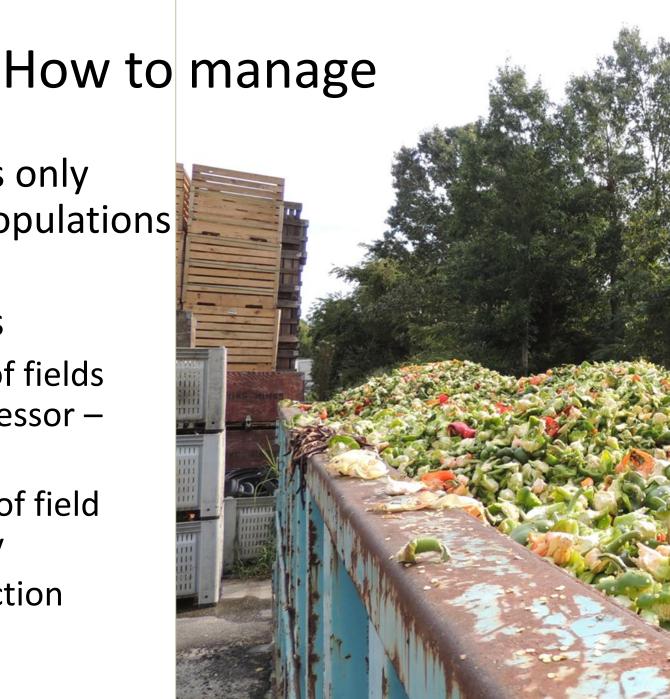
Not endemic to New Jersey

- An invasive pest each year
- PW cannot overwinter in New Jersey
 - There are annual hot spots but otherwise PW can show up anywhere
- Vegetable processing plants are our main source of PW
 - Other sources: terminal markets and migrant workers(?)



Insecticides only suppress populations

- Must avoid infestations
 - Distance of fieldsfrom processor –1 ½ mile
 - Be aware of field geography
 - First detection



PW still a problem

- 2014 2016 no significant infestations
- 2017 one farm estimated loss of \$100,000
 - Another small pepper farmer no harvested peppers
- 2018 only one farm known to have an infestation with yield loss
- Still a concern open dumpsters and residue piles in the field

Processor issues

- What about pepper waste and pick-out?
 - Covered dumpsters?
 - Heated waste?





New strategies

- Traps in high traffic areas
- Traps in farm markets
- Flooding the zone in the field
 - Sticky cards around area of detection
- Removal of aborted fruit
 - Demands good weed control

At the farm market

Farm markets and areas around the packing shed are high traffic areas where PW will likely first come to the farm.



Flooding the zone





Our most prolific trap site

