

# Postharvest Considerations for NOW Management



**Joel P. Siegel, USDA/ARS, SJVASC, Parlier**

**Existing population**

**+ mummies as resource**

**Almonds**

# Brad Higbee Research Paper

- Tree mummy threshold as low as 0.2 per tree
- Ground mummy threshold as low as 4 per tree
- Pistachio Effect extends three miles

**Is this equally  
applicable to  
Sacramento and  
San Joaquin Valley?**

**NO**

**Sanitize all nuts**

**Including Hard Shell**

Variety	Percent Infested Nut	Nuts Examined
Nonpareil	54.65	1,246 (6,952)
Butte	57.33	307 (4,084)
Padre	25.00	220 (6,045)



**Why is this  
NOT followed in pistachios?**

**Cannot directly link Pistachio  
carryover to Damage**

**Almonds: 1 tree mummy equals 1%**

**Pistachios: ?**

**HOWEVER**

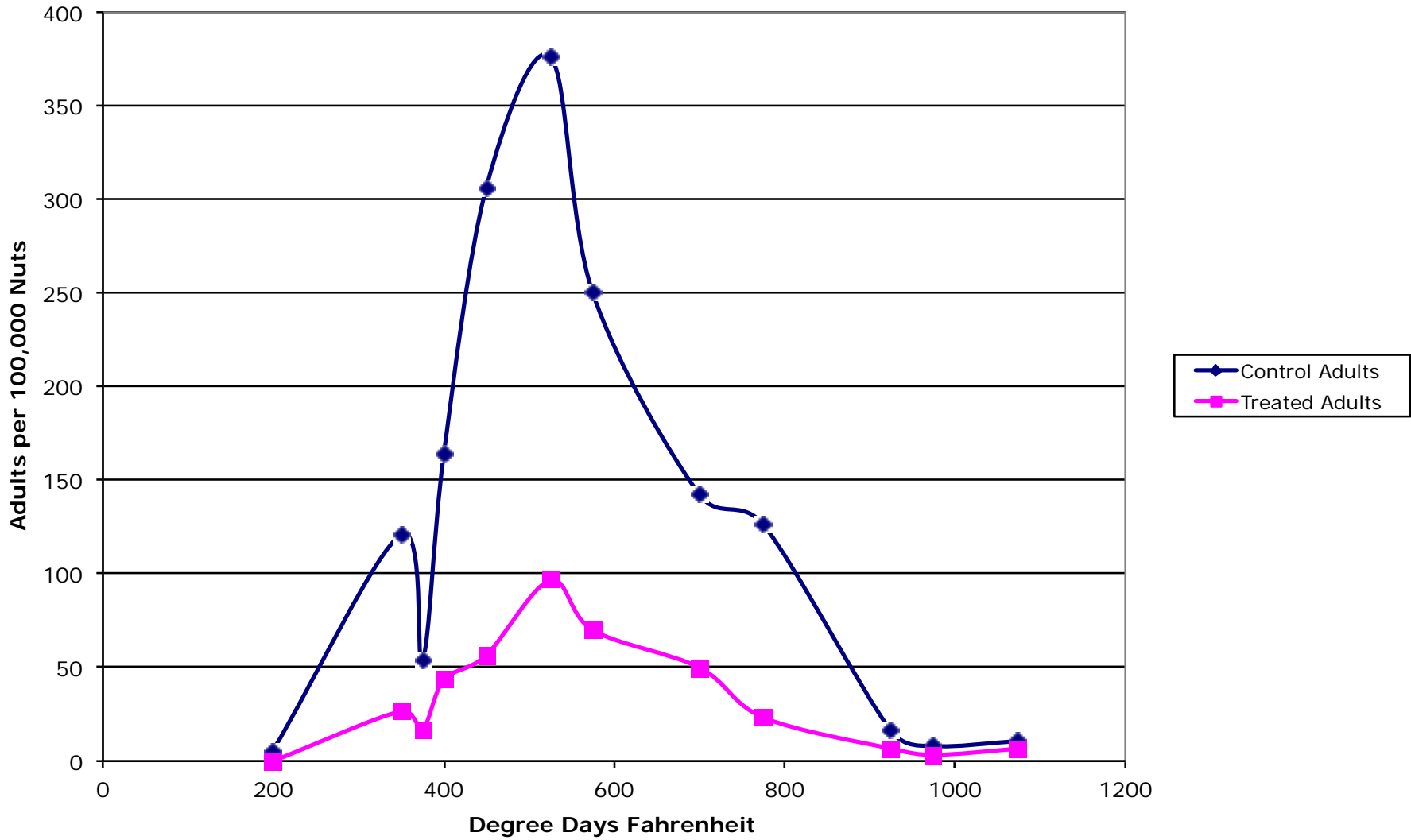
- Pistachios on the ground have fewer NOW than those in the trees
- Shake pistachio trees as soon as possible
- Get all nuts on the ground ASAP

# Pistachios

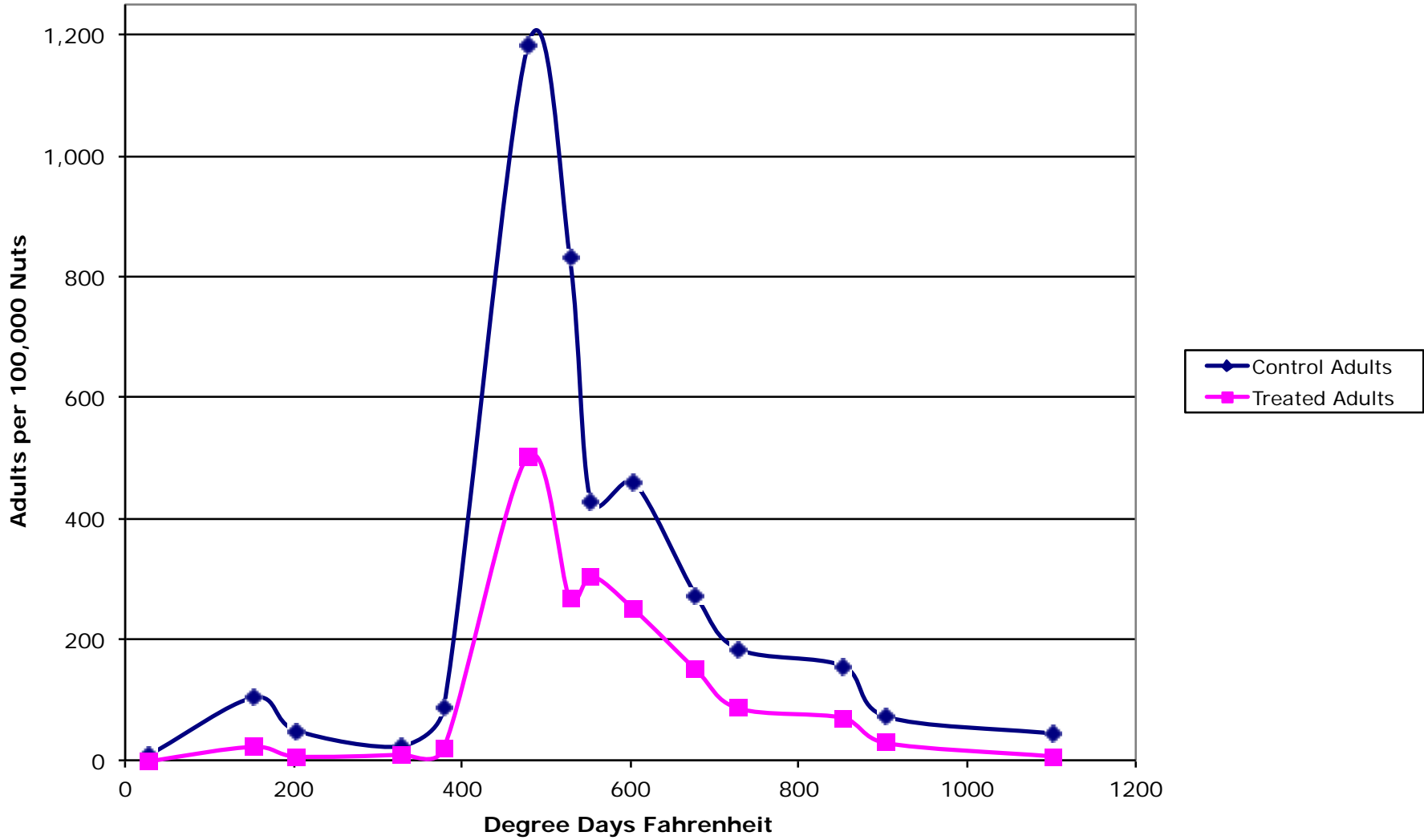
Time	Infest Split Nuts	Total Split Nuts
Tree		
December	10.1%	3,352
February	9.5%	1,000
Berm		
December	20.0%	11,460
February	4.6%	9,300

- Combine this with a post harvest spray with a persistent insecticide
  - Makes less sense today with second shake going deep into October

# S&J Ranch Pistachios



# AgriWorld Pistachio Emergence



- You can intervene in a pistachio orchard with high carryover and infestation: Use persistent ovicide to break oviposition success



Thank You

