

2015 Insect Update

Aphid Management

- New products:
 - Apta – worked well in UGA trials
 - Sivanto – no data from GA, but company data look good
 - Abamectin (Agri-Mek, Abba, others) – also a miticide
 - Flonicamid (Beleaf; Carbine now also labelled)
- Gibberellic acid program
 - Applied beginning in late July to prevent BPA damage
 - 3 applications at 2 week intervals (roughly July 15, Aug 1, Aug 15)
 - Use the 4% ProGibb, not the 40% product
 - Does not control yellow aphids

Ambrosia Beetle

- Attacks most prevalent in the spring, on young trees
- Traditional barrier sprays not very effective
- Beetles fly usually in March, but sometimes in Feb
 - Years of data from nurseries provide no predictive value
- Traps can detect the start of the flight





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Wood Bolt Trap

- Bolt of hardwood 2"-3" dia.
- Bore a ½" hole down the center and fill with ethanol
- Cork it, and hang around the orchard border
- Watch for toothpicks



Ambrosia Beetle Treatment

- Once the flight starts pyrethroids provide short-term protection
- If attacks are detected trunk sprays must be applied quickly to save the tree
- Once the trees have leafed out completely, the danger is (usually) much lower

