

# Cicada Notes

Dean Polk and Atanas Atanassov

*New Jersey Agricultural Experiment Station, Rutgers University*

The first of 17-year periodical cicadas emerged in apple and peach orchards on a farm in Morris County on May 24, 2013. Appearance was pretty spontaneous and in the next 2 days adult numbers were very high.

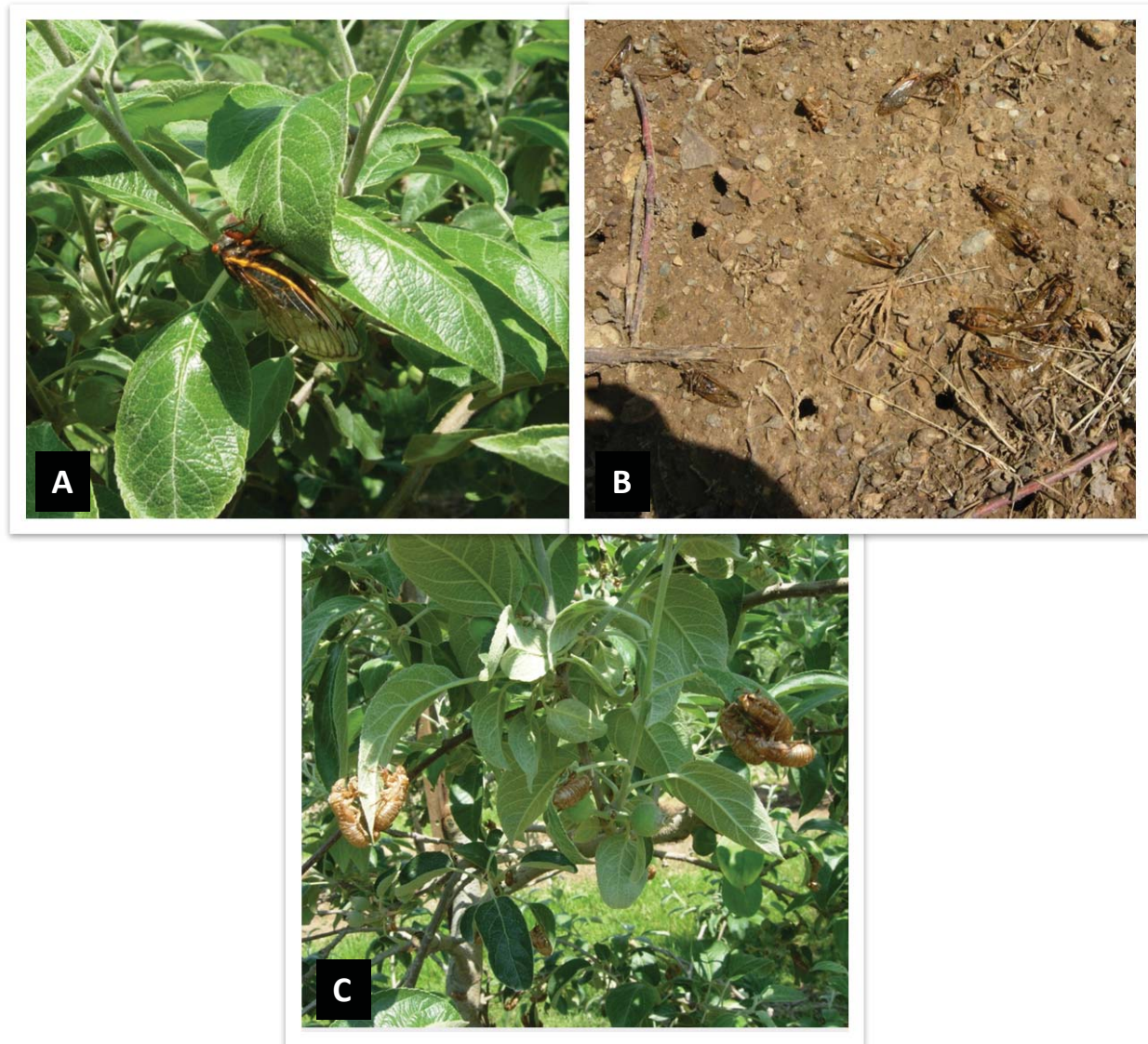
The grower sprayed on May 26 with a generic lambda-cyhalothrin (a pyrethroid insecticide - Grizzly, 5 oz/acre).

Counts taken on May 31 indicated about a 99% kill. Only single adults (A) were seen in the canopy or flying around trees. All other cicadas were dead on the

ground (B). No eggs had been laid, since the treatment came soon after emergence. Many cast skins remained are on the ground, trunks, or leaves (C).

The orchard is partially surrounded by woods, which may have provided an additional non-sprayed host habitat. The cicada's most common habitat is woods/forests. Additional treatments may be needed in some cases, especially along border rows.

*Photo credits: Atanas Atanassov.*



# Be on the Leading Edge ...

# RubyMac®

USPP # 19,891 • An IPM Variety

- Blushed, vibrant ruby-red finish over virtually 100% of the fruit.
- Colors weeks ahead of other Macs
- Outstanding firmness and quality
- Ripens in Mac season with great flavor
- Consistently delivers a high pack-out



An IPM Variety.

“This is a phenomenal Mac. Nothing out there compares. It blows the doors off every other Mac in the field. It colors early and finishes beautifully. We expect a much higher pack-out with RubyMac™. The real beauty of RubyMac™ is that we don't have to wait for color and sacrifice condition. We can pick it without waiting for color and we have a firmer, better Mac that delivers a higher quality product to our customers. **It's the Mac we've always wished we had!**”

— Pat Chase  
buyer for Jack Brown Produce, Inc.  
Sparta, MI



**SUMMIT TREE SALES**  
REPRESENTING THE COUNTRY'S FINEST NURSERIES

800.424.2765 / 269.674.8866 / Fax 269.674.3758  
summit@summittreesales.com



**STARK** *Bro's*

A GROWING LEGACY SINCE 1816

The taste of  
***summer***  
are you  
***ready?***

Call **800-435-8733** to place your  
**2015 pre-bud order today!**

**Stark Bro's Nurseries & Orchards Co.**

PO Box 398 • Louisiana, MO 63353 • 573-754-5111 • Fax 573-754-3701