

# Roundup Injury Study in Peach

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# Background Information

- Roundup is labeled on peaches.
- However, growers are worried of potential injury.
- Stories of Roundup drift that defoliated young trees and showed up 1 year later, only adds to fear.

# Purpose

- I have sprayed suckers on young trees with Roundup. Trees didn't die, but were stunted (see next slide).
- However, repeated sprays on trunks of mature trees don't show any effect.

Therefore, purpose of this study was to evaluate various Roundup rates when drenched on peach tree trunks.



Trunks of trees on left were sprayed with Roundup in the spring. Trees on right were not sprayed.

Notice stunting and earlier fall colors.

# Roundup Application

- Tree trunks were sprayed (drenched till drip) with Roundup WeatherMax at 1, 2, 4, and 8% v/v solutions.
- Up to 18" of tree trunks were sprayed on all sides
- Low lying leaves and branches were not sprayed.

6

Days after Treatments



**1% - 6 days after treatment**

06/19/2006





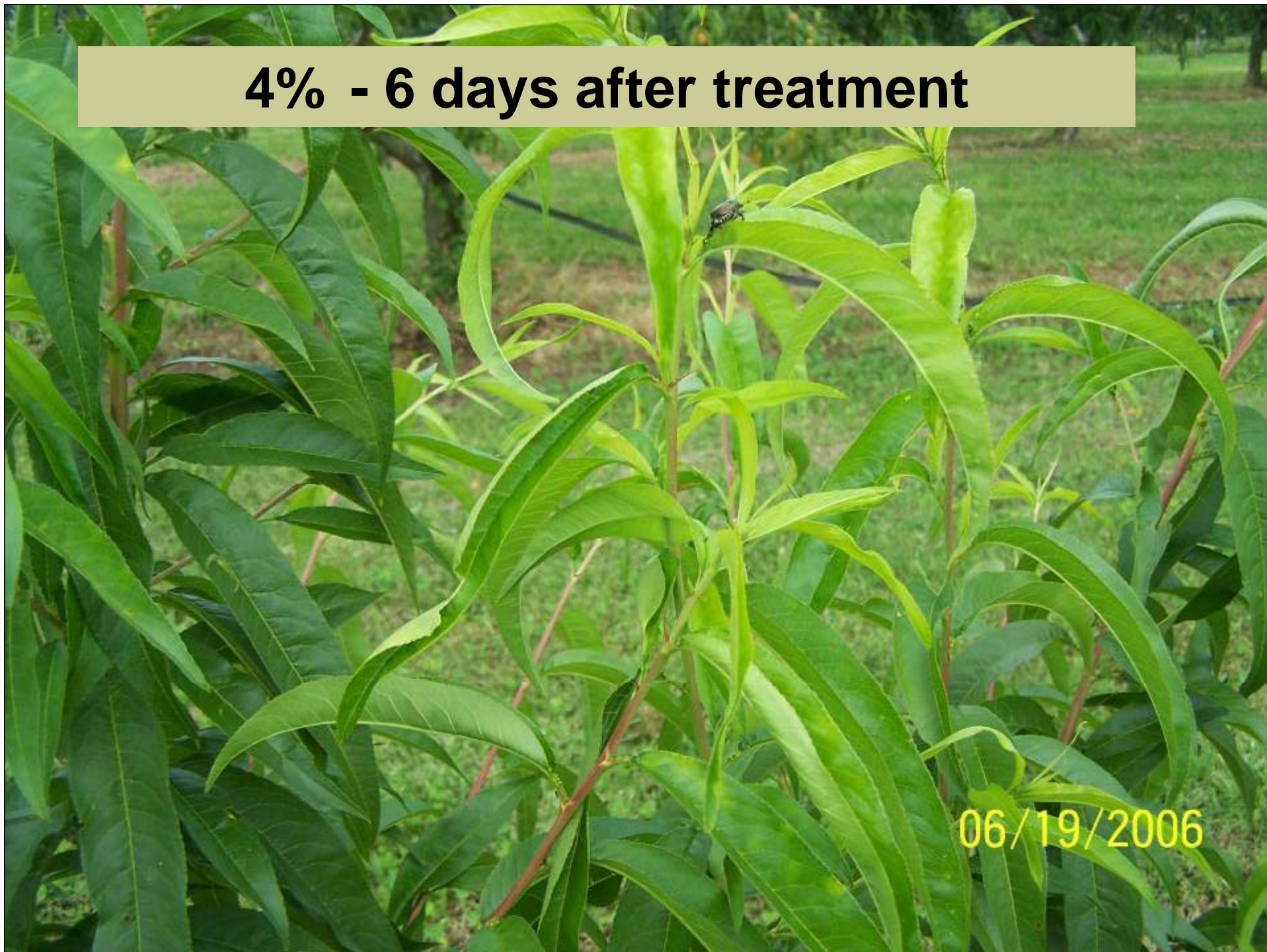
**2% - 6 days after treatment**



06/19/2006



**4% - 6 days after treatment**



06/19/2006



**8% - 6 days after treatment**





**8%- 6 days after treatment**  
**These root suckers were sprayed**



23

Days after Treatments



**1% - 23 days after treatment**



07/06/2006



**1% - 23 days after treatment**



07/06/2006



**2% - 23 days after treatment**



07/06/2006



**2% - 23 days after treatment**



07/06/2006



**4% - 23 days after treatment**



07/06/2006



**4% - 23 days after treatment**

**A low branch shows injury, while rest of tree doesn't**





**4% - 23 days after treatment**





**8% - 23 days after treatment**



07/06/2006



**8% - 23 days after treatment**

**Inset shows the same tree at 6 DAT**

