Roundup Injury Study
in Peach

Joe Masabni
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.

Joe Masabni
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.

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6

Days after Treatments

Joe Masabni
1% - 6 days after treatment
2% - 6 days after treatment
4% - 6 days after treatment
8% - 6 days after treatment
8% - 6 days after treatment
These root suckers were sprayed

06/19/2006
23

Days after Treatments

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1% - 23 days after treatment
1% - 23 days after treatment
2% - 23 days after treatment

07/06/2006
2% - 23 days after treatment
4% - 23 days after treatment
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
8% - 23 days after treatment

Inset shows the same tree at 6 DAT