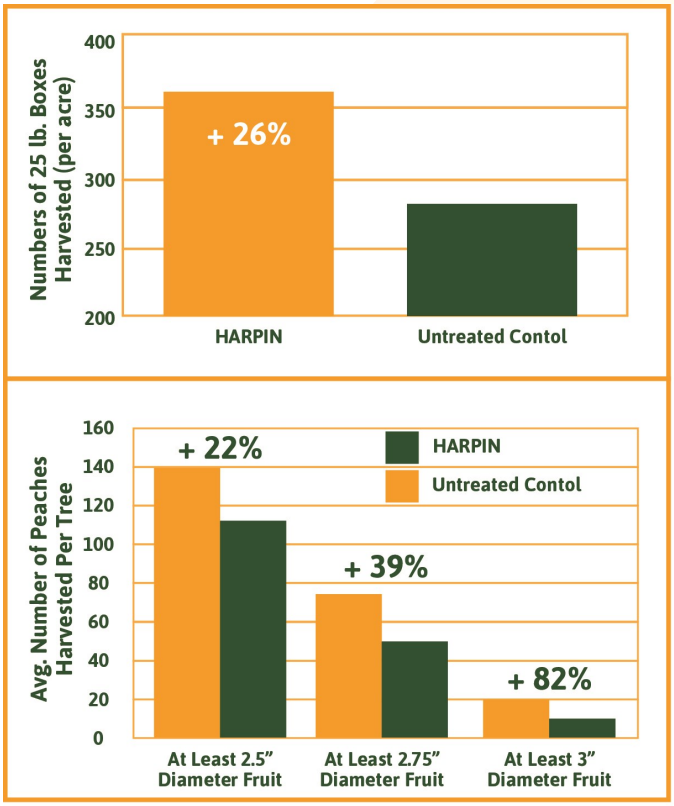
PLANT Employ® HEALTH PROMOTER

Peaches
Usage Tip Sheet

PRODUCT OVERVIEW

Employ® is a Plant Health Promoter based on **Harp-N-Tek®,** a proprietary harpin protein technology from Plant Health Care Inc. When Employ is applied to peaches, the harpin protein active ingredient binds to harpin receptors on the plant. These receptors respond to harpin as if it were a pathogen, and this reaction initiates an **"inside-out plant response"** that turns on a plant's own intrinsic growth and stress-defense capabilities.



Yield from 12 reps treatment; applied at Pit Hardening or ~4 weeks before harvest. 4 locations; primarily University of Georgia data.

PERFORMANCE SUMMARY

In multiple years of replicated field trials, Harp-N-Tek based products have been shown to improve marketable yield of peaches.

- Increases in yields typically exceed 10%.
- Yield increases include more fruit per acre and more large fruit per tree.

POST-HARVEST BENEFITS

A pre-harvest application of Employ activates the plant's defensive genes to thicken cell walls, and it increases defensive compounds such as antioxidants, while slowing fruit respiration. Employ-treated fruit are statistically more firm, have reduced post-harvest rot and an extended shelf life. This leads to better shelf life and fruit quality when shipping or storing fruit.

PLANT HEALTH EFFECTS

Employ has well-documented reputation for improving overall plant health. These benefits include improved root growth, disease suppression, and increasing plants' stress tolerance and photosynthetic activity.

USE RATE AND TIMING

- USE RATE: Apply at 2-3 oz per acre.
- TIMING: Make one application approximately 4 weeks before harvest, typically at or just after pit hardening.

POST HARVEST FRUIT QUALITY TIMING

- Make on application 5-7 days before picking begins

Always read and follow label instructions before using this product.

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