



Usage Tip Sheet for ONIONS



When Employ® is applied to crops, the harpin protein active ingredient turns on a plant’s internal stress-defense and plant growth mechanisms.

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 onions, 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.

USE RATE AND TIMING

- **USE RATE:** Apply at 2 oz per acre.
- **TIMING:** If transplanting, treat transplants 2-7 days prior to transplant, then make 2 field sprays starting when the plants have become established. If direct seeded, make 3 sprays starting at first true leaf.
- **INTERVALS:** Make applications every 21 days.

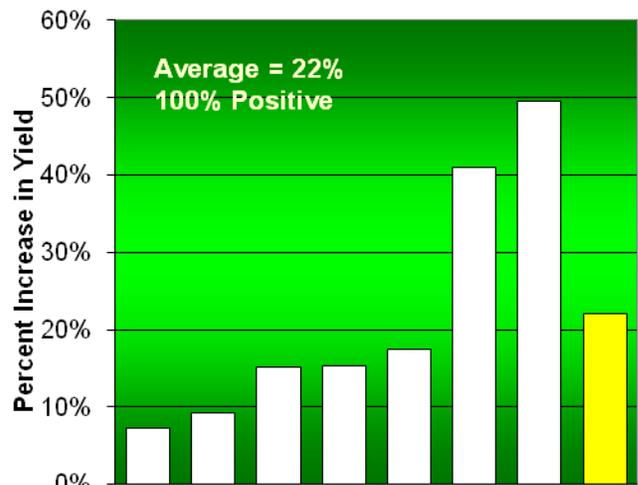
USEFUL INFORMATION

- **PACKAGING:** 20 ounce, foil bag; wettable dry granule with 1% harpin_{αβ} protein.
- **CROP SAFETY:** Employ has *not* been found to cause crop injury.
- **RAINFASTNESS:** Employ is rain fast after 30 minutes or when spray residues dry.
- **REGULATORY:** Excellent safety profile, easy to use, and not a restricted use material; REI is 4 hours; PHI is 0 days.
- **MIXING ORDER, pH, AND COMPATIBILITY:** After ensuring pH has stabilized between 5 and 10, add Employ to the tank first. If it cannot be added first, dissolve the Employ in clean water before adding to tank. Employ is compatible with many products. For a complete list, contact your local representative.

PERFORMANCE SUMMARY

Over multiple years in 7 replicated consultant and university field trials, Harp-N-Tek based products have been shown to improve marketable yield of onions. Grower experiences have been similar.

- ✓ **Increases in yields typically exceed 15%.**
- ✓ Yield increases are due to larger bulb size.



For More Information, Please Contact:



www.planthealthcare.com 1-800-421-9051
PHC® AGRICULTURAL DIVISION

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