

# Sweet Corn Tech Sheet

## PRODUCT OVERVIEW

**Employ**<sup>®</sup> is a Plant Health Promoter based on **Harp-N-Tek**<sup>®</sup>, a proprietary harpin protein technology from Plant Health Care Inc. When **Employ** is applied to sweet corn, 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.

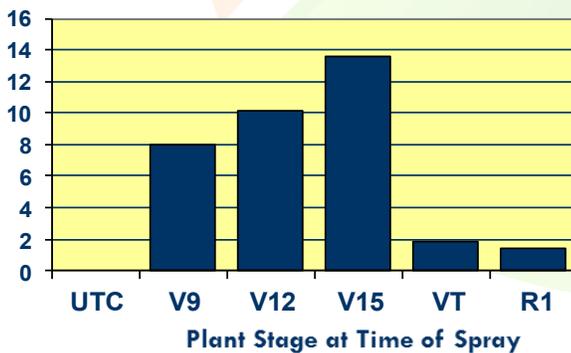
## PERFORMANCE SUMMARY

**Harp-N-Tek** offers a new technology to turn on plant defenses and growth systems from the inside-out.

- **Turn On Plant Defenses** and protect your sweet corn from the “Inside-Out.”
- **Enhance Crop Production** and achieve higher yields.
- **No Phytotoxicity** – **Employ** has never been found to cause phytotoxicity or crop injury.

In replicated small plot trials, **Harp-N-Tek** products have been shown to increase sweet corn yield by up to 13%.

Effect of Spray Timing on Ear Weight in Sweet Corn



Avg. of 5 Replicated Trials in MN, WI, NY & PA;  
UTC = Untreated Control

Grower trials have given slightly lower, but similar results.

## PLANT HEALTH EFFECTS & DISEASE DEFENSE

**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. **Employ** can greatly improve plant resistance to disease, and can be used to compliment an existing disease control program.

## NEMATODE DEFENSE

**Employ** also offers a different mode of action for nematode suppression, interfering with the nematode lifecycle and reducing nematode eggs and juvenile populations as much as 60%. This contributes to a healthier and more productive plant.

## USEFUL INFORMATION

- **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. **Employ** is compatible with many products. For a complete list, contact your local representative

## USE RATE AND TIMING

- **USE RATE:** Apply **Employ** at 1/2 oz per acre.
- **TIMING:** Make single application before tassels appear.

**Always read and follow label instructions before using this product.**

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