

# SOIL SPEAKS WE LISTEN



## Benefits of Instill-O



13505, Industrial Park Blvd.  
Plymouth, MN 55441

(763) 582-1140

[www.stbiologicals.com](http://www.stbiologicals.com)



**Tom Vander Heiden**  
President & Certified Crop Advisor



**David Meidl**  
Livestock & Crop Advisor



**Travis Mathison**  
Livestock & Certified Crop Advisor



**Harrison Hobart**  
Crop & Livestock Advisor



**GET EXPERT HELP FROM  
OUR CROP ADVISORS**

[www.stbiologicals.com/your-mentors](http://www.stbiologicals.com/your-mentors)





# INSTILL-O

BACTERICIDE AND FUNGICIDE ORGANIC

## ST Biologicals Presents

INSTILL-O Bactericide & Fungicide from ST Biologicals is a distinctive, patented formula that improves plant health and increases marketable yield of crops by reducing the severity and impact of bacterial and fungal pathogens. The unique formula of INSTILL-O systemically delivers active ingredients (copper ions) to the vascular tissue of plants. The low load copper formula of INSTILL-O more effectively delivers a therapeutic dose of copper ions to plants, while significantly reducing the risk of negative impacts to soils from copper runoff. INSTILL-O provides a more “surgical approach” to delivering an effective and therapeutic dosage of copper ions to crops.

## Suggested Uses

Use where a broad-spectrum bactericide and fungicide is beneficial on field crops, vegetables, tree crops and small fruits.

## Ingredients

Low Load Systemic Copper from Copper Sulfate Pentahydrate.



## Product Benefits

INSTILL-O patented formulation allows safe absorption of copper that crosses the plant membrane and enters the tissue within hours. Due to the systemic activity new plant growth is protected for up to 21 days.



### YIELD ENHANCEMENT

- Decreased Fruit Rot
- Reduced disease pressure
- Improved Yields for improved ROI/acre



### LOW IMPACT ON ENVIRONMENT

- Low dose formula reduces environmental copper load by 70%
- Rain-fast—after INSTILL-O has dried, it will NOT wash off



### SYSTEMATIC ACTION

- Copper ions are absorbed through the leaf cuticle and trans-located throughout the vascular tissue of the plant
- Reduced risk of phytotoxicity
- Ready absorption yields greater efficacy with much lower copper loading



### EASY TO HANDLE

- INSTILL-O formulation is acidic mixes easily and stays in Solution
- The ideal spray solution pH at application is 5.5 – 6.5
- Typical application rates range from 8 – 40 oz/100-gal water. See label for specific recommendations