



## Huma Gro® PROMAX® on Potatoes, Onions, Tomatoes, Soybeans, and Sweet Potatoes

## Field Reports and Testimonial

### Objective

Huma Gro® PROMAX® is an organic-listed, EPA-exempt crop protection product that controls soil-borne diseases and plant parasitic nematodes through contact. Because it is not harmful to roots or beneficial microbes, it can be applied during the entire growing season.

### 2 Greenhouse Tests for PROMAX® Nematode Control in Tomato and Soybean Plant Roots and Soils

Conducted by Dr. Edwin Lewis, Virginia Tech, and Dr. Walker Kirby, Agri-Growth, Inc., Hollandale, Minn.

#### AFTER 1 APPLICATION\*

Nematode	Stage Examined	Control # of Nematodes	PROMAX® # of Nematodes	% Reduction
Root-Knot in Tomato	Juveniles in Roots	240.6	65.8	72.6%
	Juveniles in Soil	41.0	4.9	88.0%
Cyst in Soybean	Cyst in Roots	8.4	3.3	71.4%
	Cyst in Soil	5.0	1.7	66.0%

\*The results in this table represent one application of PROMAX®. A second application is recommended to further reduce/control nematodes.

### Effectiveness of PROMAX® on the Yield of Sweet Potato Infested with Root Knot and Ring Nematodes

Conducted by University of California Cooperative Extension, Merced.

Treatment	Rate/1,000	Total Marketable 1,000 lb Bins per Acre
Untreated Control	N/A	18.92
PROMAX®	20 fl oz	26.11

### Suppression of Soil Pathogens With PROMAX®:

#### Three Field Tests

Conducted by Dr. Walker Kirby, Agri-Growth, Inc., Hollandale, Minn.

Disease	YIELD (g/plot)		
	Control	Topsin®	PROMAX®
Fusarium solani in Potato	208.3	425.2	630.8
Naturally infested soil: Potato	1902.5	1,532.7	2,700.7
Rhizoctonia solani in Tomato	398.2	226.5	620.5

### Testimonial



CONTROL

TREATED

"Here are some photos from my last trip to Idaho. This is the second year we have been using Huma Gro® PROMAX® as a substitute for Telone C-17, mainly looking for pink root suppression. With PROMAX®, as an OMRI material, we are able to apply around houses, schools and anywhere Telone is restricted. The pictures are very consistent (PROMAX® treated is on the right) in showing equal or better growth as well as equal disease suppression. To remind everyone of the protocol, we use one gallon per acre with the 10-34-0/SUPER PHOS® combination in the fall bed up. Then about second watering, through the drip system, we apply one quart of PROMAX®, which is followed with another quart about three weeks later. This could also very easily be done through a pivot system."

—Rudy Allen, CPAg/CCA  
Ag Tech Services, LLC