



Nebraska On-Farm Research Network

Years:	2011
Title:	Seed Treatment
Crop:	Irrigated Corn
Study ID:	004053201102
County:	Dodge
Objective:	To determine & document the effectiveness of using Poncho VOTiVO on the profitability of producing corn.
Treatments:	Poncho vs Poncho VOTiVO

Nebraska Soybean & Feed Grains Profitability Project



Extension is a Division of the Institute of Agriculture and Natural Resources at the University of Nebraska–Lincoln cooperating with the Counties and the United States Department of Agriculture.

University of Nebraska–Lincoln Extension educational programs abide with the nondiscrimination policies of the University of Nebraska–Lincoln and the United States Department of Agriculture.

Nebraska On-Farm Research Network



Product Information

Poncho®/VOTIVO® seed treatment combines the most trusted seed-applied insecticide for corn with the most revolutionary, complete nematode protection on the seed. The result is a powerful seed treatment for corn, soybean and cotton that protects early season seedlings and roots from numerous insect and nematode pests.

Poncho/VOTIVO employs a new biological mode of action with a unique bacteria strain that lives and grows with young roots, creating a living barrier that prevents important nematode species from reaching the roots. Poncho/VOTIVO also provides control of many critical early season insect pests.

For growers, Poncho/VOTIVO brings quick, consistent protection to the seed that lasts throughout the sensitive developmental period so critical to plant establishment, vigorous growth, and important as a basis for higher yields.

Product Key Benefits

- **Fast-Acting, Long-Lasting** – Protects against 1st and 2nd generation nematodes, plus early season insects
- **New Mode of Action** – Seed-applied bacteria colonize around the plant root, creating a living barrier of protection
- **Stability** – Stable formulation on the seed and in the root zone
- **Yield Potential** – Delivers fierce protection and a positive return on investment in corn, soybeans and cotton

Key Pests

- See individual crop tabs for key pests

Nebraska Soybean & Feed Grains Profitability Project



Nebraska On-Farm Research Network

Results: 2011	Corn	(Dekalb 6263)	
<u>Variable</u>	<u>Poncho</u>	<u>Poncho VOTiVO</u>	<u>Prob>/T/</u>
Yield, bu/ac @ 15.5%	244	243	0.6122 ns
Avg Moisture, %	15.0	15.0	---
Cost/ac	\$107.25	\$113.85	

Planting Date: 4/28/2011

Harvesting Date: 10/13/2011

Note: Poncho 250 vs Poncho 500 VOTiVO

Summary: The yield difference between the two treatments was statistically insignificant in 2011 and did not support the additional expense of the additional VOTiVO product.

Nebraska Soybean & Feed Grains Profitability Project



Extension is a Division of the Institute of Agriculture and Natural Resources at the University of Nebraska–Lincoln cooperating with the Counties and the United States Department of Agriculture.

University of Nebraska–Lincoln Extension educational programs abide with the nondiscrimination policies of the University of Nebraska–Lincoln and the United States Department of Agriculture.