



# Nebraska On-Farm Research Network

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

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## Product Information

Poncho<sup>®</sup>/VOTIVO<sup>®</sup> 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

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<u>Results: 2011</u>	<u>Corn</u>	<u>(Dekalb 6263)</u>	
<u>Variable</u>	<u>Poncho</u>	<u>Poncho VOTiVO</u>	<u>Prob&gt;/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.

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