



Nebraska On-Farm Research Network

Years: 2013
Title: Inoculant
Crop: Soybeans
County: Hamilton
Study ID: 073081201301
Objective: Study effect of inoculant on soybean production and profitability.
Treatments: Check vs XiteBio SoyRhizo Inoculant. 8.7 fl/oz./ac. In-furrow

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Information: 2013 Soybean - Growth Inoculant

XiteBio SoyRhizo Liquid Soybean

Inoculant Active Ingredient:

2×10^9 *Bradyrhizobium japonicum*

SoyRhizo is a low volume, versatile premium liquid inoculant that can be applied on-seed or in-furrow and is available as a ready to use package. SoyRhizo is based on an AGPT (Advanced Growth Promoting Technology) platform, a revolutionary concept in soybean inoculant formulation.

This allows SoyRhizo to: encourage greater root nodulation boost higher nitrogen fixation result in healthier plants and better yields enhance overall plant performance

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Features of SoyRhizo:

- **Active Ingredient:**
 2×10^9 *Bradyrhizobium japonicum*
- **Formulation:**
Ready-to-Use Liquid
- **For use on:**
Soybean
- **Application:**
On-seed or In-furrow
- **Package size:**
2.5 L (4x50 Unit Case)
10 L (1x200 Unit Case)
- **Application Rate:**
On-seed:
2.0 fl oz/60 lbs (60 ml/27 kg)
In-furrow:
0.5 fl oz/100 ft row (15 ml/304 m row)
- **Seed Treatment Compatibility:**
Compatible with most popular soybean seed treatments
- **Yield Increase:**
As high as 26 bu/ac
9 bu/ac on average in 2011 trials

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Results: 2013

Soybean - Inoculant

	Yield	Moisture	Cost/A
Check	83.2 A	10.7 A	--
XiteBio SoyRhizo	81.9 A	10.9 A	\$3.40
Prob>/T/	ns	ns	

SUMMARY: (2013) The treatment resulted in a lower yield than the check but the statistical analysis did not find the difference was significant.

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