



Nebraska On-Farm Research Network

Accelerator vs. Liqiprep XT vs No Inoculant

Study ID: 096109199201

County: Lancaster

1992

Objective: To determine and document the effect on profitability of the use of two different inoculant versus no inoculant.

ACCELERATOR

Treatment:

Shred

Herbicide: 2 quarts Lasso MT, 6 oz Preview, 0.8 pints Command and NIS

Planting: Accelerator, 1.70/ac

Cultivation

Costs:

Accelerator \$1.70

Comparative cost \$ 1.70

LIQIPREP XT

Treatment:

Shred

Herbicide: 2 quarts Lasso MT, 6 oz Preview, 0.8 pints Command and NIS

Planting: Liqiprep XT, 0.80/ac

Cultivation

Costs:

Liqiprep XT \$0.80

Comparative cost \$0.80

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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ON-FARM RESEARCH COMPARISON RESULTS

VARIABLE

Early population	
Accelerator	270000
Liqiprep XT	260000
None	268000
Final population	
Accelerator	107000
Liqiprep XT	107000
None	107000
Population loss	
Accelerator	60.3%
Liqiprep XT	58.9%
None	60.0%
Plant height	
Accelerator	45.0"
Liqiprep XT	45.0"
None	45.0"
Pod height	
Accelerator	5.0"
Liqiprep XT	5.0"
None	5.0"
Moisture	
Accelerator	12.2% **
Liqiprep XT	11.0% **
None	11.7%
Sample weight	
Accelerator	56.7 **
Liqiprep XT	57.3 **
None	57.1
Yield	
Accelerator	44.9 *
Liqiprep XT	46.7
None	45.6

* - significantly different at 95 % confidence level

** - significantly different at 99% confidence level

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