



Nebraska On-Farm Research Network

REDUCED VERSUS STANDARD RATE HERBICIDE

Study ID: 115025199201

Cass County
1992

Objective: To determine and document the effect on profitability of a reduced versus a standard rate herbicide program.

REDUCED RATE

Treatment:

Mulching

Discing

Drill

Herbicide: 1 pint Galaxy, 6oz Fusion,
.1875oz Pinnacle, 4oz Fusion and 28
% UAN, Crop Oil and NIS

Costs:

Herbicide	\$ 22.80
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Comparative cost	<u>\$ 22.80</u>
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STANDARD RATE

Treatment:

Mulching

Discing

Drill

Herbicide: 1.5 pints Basagran, 4oz
Scepter, 1/2 pint Assure II and 28%
UAN, Crop Oil and NIS

Costs:

Herbicide	\$ 26.70
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Comparative cost	<u>\$26.70</u>
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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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VARIABLE	1992
Final population	
Reduced	152000
Standard	131000
Plant height	
Reduced	28.6"
Standard	29.4"
Pod height	
Reduced	4.8"
Standard	5.1 "
Moisture	
Reduced	10.9%
Standard	10.9%
Sample weight	
Reduced	56.4
Standard	56.6 *
Yield(13%)	
Reduced	44.2
Standard	45.1

* - significantly different at 95% confidence level

** - significantly different at 99% confidence level

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