EXTENSION

Nebraska On-Farm Research Network

Years:	2006
Title:	Roundup Ready Soybeans - Drag & Lag Effect
Crop:	Soybeans
Study	104025200601
County:	Cass County
Objective:	To determine & document the influence of growing Roundup Ready soybeans on the profitability of soybean production.
Treatments:	Roundup Ready Soybean Variety vs. Sister-line Variety not Roundup Ready.

Nebraska Soybean & Feed Grains Profitability Project

University of Nebraska Lincoln

Nebraska On-Farm Research Network

Treatments: 2006

Roundup Ready

Variety: NK 32-65

Burndown Herbicide:

Pendimax	1.75 pts/ac	$4.55/ac
First Rate	.03 oz/ac	5.96/ac
Glyphosate	1 qt/ac	3.00/ac
		13.51/ac
Post Herbicide:	.4 pt/ac	4.56/ac
Reflex	8 oz/ac	7.52/ac
		12.08 ac

Conventional

Variety:	NK 32-23
Burndown Herbicide:	Same
Post Herbicide:	Same

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Results: 2006

Variable	NK 32-G5 Roundup	NK 32-Z3 Conventional	Prob >/T/
Yield, bu/ac @ 13%	58	61	0.0037 ***
Moisture, %	11.6	11.6	0.407 ns
Cost/ac, Post Herb.	$12.08	$12.08	---
Seed	$27.25	$17.25	---
Premium		$33.39	

Planting Date: 5/17/06 Harvest Date: 10/15/06

Summary: In 2006, the conventional variety yielded more than the Roundup Ready.

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