

## Nebraska On-Farm Research Network

### Hobbit vs. Keltgin Soybean Varieties Under Two Row Width Strategies Study ID: 126025199401

Year: 1994 County: Cass

OBJECTIVE: To determine and document the profitability of Hobbit versus Keltgin soybean varieties

using a wide (30 inches) versus narrow (7 inches) row planting strategy.

### NARROW ROWS

**Treatment:** 

Drill:

Hobbit 87 and Keltgin,

74 pounds/acre

Herbicide: 100

1994 - 4 ounces Pursuit,

1 pint Roundup and .5 gallons

28% UAN

**Treatment:** 

Plant: Hobbit 87 and Keltgin,

WIDE ROWS

70 pounds/acre

Herbicide:

1994 - 4 ounces Pursuit

1 pint Roundup and .5 gallons

28% UAN

Harvest Harvest

-Comparative cost (per acre) Comparative cost (per acre)

 Hobbit Keltgin
 Hobbit Keltgin

 Seed
 \$19.50
 \$21.00
 Seed
 \$15.86
 \$17.08

 Drilling
 \$8.97
 \$8.97
 Planting
 \$9.08
 \$9.08

 Total
 \$28.47
 \$29.97
 Total
 \$24.88
 \$26.16

### 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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M - : - 4	/ 07 \	
Moisture	(%) Drilled Hobbit	14.1
	Drilled Keltgin	13.4
	Dimed Tengin	
	Planted Hobbit	13.9
	Planted Keltgin	13.3
Moisture	(%)	10.7 dede
	Mean for Drilled	13.7 **
	Mean for Planted	13.6
	Mean for Hobbit	14.0 ***/1
	Mean for Keltgin	13.4
	C	
Test wei	ght (pounds/bushel)	<b>52</b> 0
	Drilled Hobbit	52.9 54.1
	Drilled Keltgin	34.1
	Planted Hobbit	53.1
	Planted Keltgin	52.1
	C	*
Yield (13 %) (bushels/acre)		61 ***. ***/2
	Drilled Hobbit	,
	Drilled Keltgin	57
	Planted Hobbit	49
	Trained Troobit	
	Planted Keltgin	51
Yield cor	ntinued (13 %) (bushels/acre)	
11010 001	Mean for Drilled	59 ***, ***/2
	Mean for Planted	50 , 72
IV	Mean for Hobbit	55 54
** Day:	Mean for Keltgin	

<sup>\*\*</sup> Row spacing significantly different at 95% confidence level

Summary: The drilled soybeans yielded significantly higher than the wide row soybeans. The Hobbit variety benefitted more from drilling than did Keltgin in 1994. Moisture content was also significantly different. Seed expensees have been \$4-\$6/acre higher for the drilled beans each year.

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<sup>\*\*\*</sup> Row spacing significantly different at 99% confidence level

<sup>\*\*\*/1</sup> varieties significantly different at 99% confidence level

<sup>\*\*\*/2</sup> variety and row spacing interaction significantly different at 99% confidence