



Nebraska On-Farm Research Network

Year: 2000

Title: Normal Lime Spread vs. Variable-Rate Spread

Crop: Soybeans

Study ID: 029053200003

County: Dodge

Objective: To determine and document the effect of variable rate lime application on the profitability of crop production

Treatments: Normal uniform spread of lime vs. variable rate spread of lime (2.2 T/ac @ \$13.50/ton) (\$29.70/7 yrs. = \$4.24/ac/yr). Add \$.50/ton + \$3.50/ac. soil testing for variable rate. Soil pH 5.3 (Range 4.8-6.8)

Results:

	<u>Variable</u>	<u>Uniform</u>	<u>Variable Rate</u>	<u>Prob>/T/</u>
2000	Yield, bu/ac at 13%	43	43	0.704 ns
	Moisture, %	7.7	7.9	0.205 ns
	Cost	\$4.24	\$4.90	

Summary: Method of lime application had no significant effect on the seed yield or seed moisture of soybeans in 2000.

Nebraska Soybean & Feed Grains Profitability Project



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