



Nebraska On-Farm Research Network

Years:	2003
Title:	Calcium Sulfate on High pH Soils
Crop:	Corn/Soybean Rotation
Study ID:	076053200302
County:	Dodge County
Objective:	To determine & document the effect of calcium sulfate for correcting iron chlorosis on the profitability of producing corn/soybeans.
Soil Test:	North Field - OM 3.9%, P _{bic} 13 ppm, pH 8.0
Treatments:	None vs 1 Ton/ac vs 2 Ton/ac

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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Results: 2003 Field 1

	<u>Variable</u>	<u>None</u>	<u>1 Ton</u>	<u>2 Ton</u>	<u>Prob > F</u>
Corn	Yield, bu/ac at 15.5%	181	179	176	0.489 ns
GH	Moisture, %	17.5	17.3	17.0	0.511 ns
9164BT	Test Wt., bu/ac	55.0	55.2	55.4	0.178 ns
	Cost/ac	-----	\$8.66*	\$6.66**	

(Costs Pro-rated: *3 years, ** 6 years)

(\$12 per ton hauling, \$14 per acre spreading)

Gibbon Soil

Conclusion: There was no yield, moisture, or test weight difference in 2003.

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