Nebraska On-Farm Research Network

Years:	2003
Title:	Calcium Sulfate on High pH Soils Corn/Soybean Rotation
Crop:	
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

Nebraska On-Farm Research Network

Results: **2003 Field 1**

	Variable	None	1 Ton	2 Ton	Prob > F
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.

Nebraska Soybean & Feed Grains Profitability Project