



Nebraska On-Farm Research Network

Years:	2007
Title:	Commercial Fertilizer vs. Biosolids
Crop:	Soybeans
Study ID:	051155200701
County:	Saunders
Objective:	To determine & document the effect of replacing commercial fertilizer with municipal biosolids on the profitability of corn/soybean production.
Soil Test:	pH 6.0, OM 2.4%, P 8.3 ppm, K 151 ppm
Treatments:	Commercial fertilizer vs. 17 ton/acre biosolids

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: 2007

<u>Variable</u>	<u>Fertilizer</u>	<u>Biosolids</u>	<u>Prob>/T/</u>
Yield, bu/ac @ 13%	58	61	0.001 ***
Moisture, %	12.2	12.2	1.000 ns
Test wt, lbs/bu	55.9	56.1	0.172 ns
Cost/ac (spreading)		\$1.06	---

Planting Date: 5/10/07

Harvesting Date: 10/10/07

Summary: In 2007, yields of soybeans were higher where biosolids had been applied.

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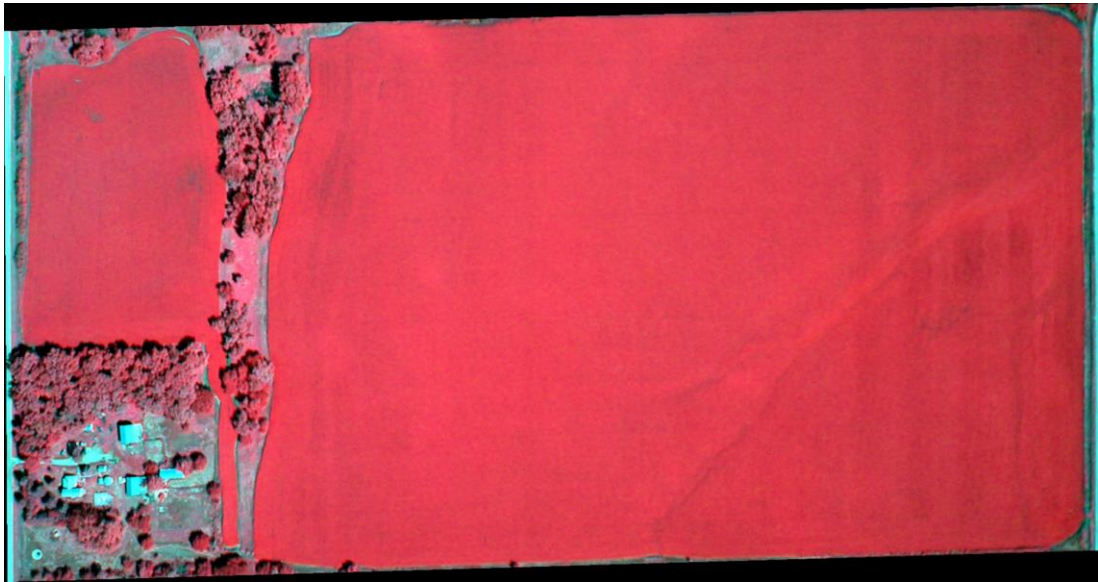


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