

## Comparison of soil nitrogen levels in north and south central section of Biocore Prairie -2003

Area	Total N (%)
North central (Area 3a)	0.18
South central (Area 3b)	0.39-0.55

## 2007 – 2008 Reverse Fertilization Study using Carbon Amendment

“Year two of continuing soil amendment study in the Biocore Prairie: no statistical significance... yet.”

Neha Seghal and Rachel Butler

Excerpted from Rachel Butler’s final paper 2008



Figure 1. Aerial photograph of the Biocore Prairie (2004). Area 3b was amended with a layer of organic material from Lake Mendota, seen in this photograph as the darker soil color. The research plots for this study are indicated by orange box in Area 3b. Neha Seghal and Rachel Butler depicted processing cornstubble below.

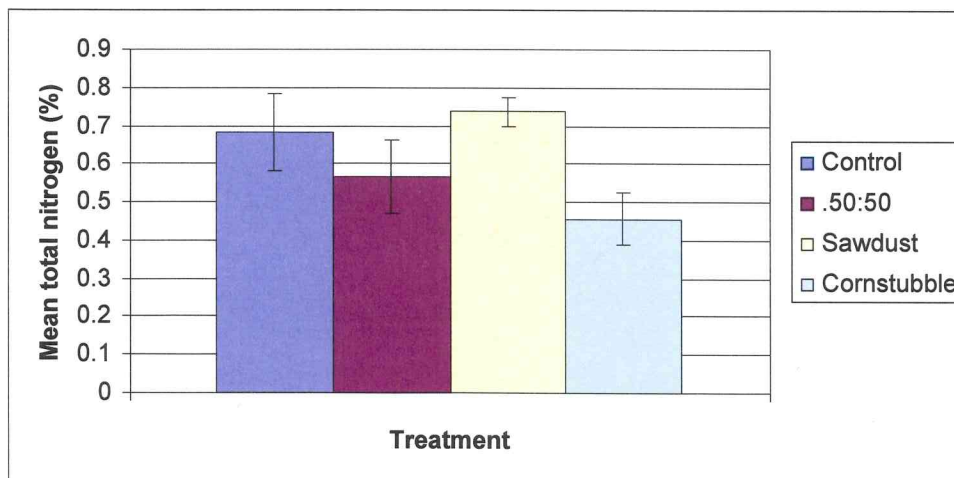


Figure 2. Mean total nitrogen per treatment. Total nitrogen for each quadrat was averaged to give mean total nitrogen per plot where n=4. The mean total nitrogen per plot was then averaged to give mean total nitrogen per treatment where n=3. This statistic is a mean of means where n=3. Error bars shown here are  $\pm 1$  standard error.