



# Nebraska On-Farm Research Network

## In Furrow Deep Ripping (Aeration) vs. None Irrigated Corn, Saunders County Study ID: 043155199401

**OBJECTIVE:** To determine and document the profitability of in furrow deep ripping (aeration) versus none in irrigated corn.

| RIPPING  | NONE   |
|--|--|
| Treatment:   | Treatment:   |
| Fertilizer: Anhydrous Ammonia 170 pounds per acre (actual) | Fertilizer: Anhydrous Ammonia 170 pounds per acre (actual) |
| Harrow   | Harrow   |
| Plant  | Plant  |
| Herbicide: 1994-2.25 pounds Extrazine                      | Herbicide: 1994-2.25 pounds Extrazine                      |
| Cultivate  | Cultivate  |
| Deep Ripped  |  |
| Harvest  | Harvest  |

### RESULTS:

| Comparative cost (per acre) |         | Comparative cost (per acre) |        |
|-----------------------------|---------|-----------------------------|--------|
| Deep Ripping                | \$10.00 | None                        | \$0.00 |
| Total                       | \$10.00 | Total                       | \$0.00 |

|              | Moisture . | Yield (15.5%) |
|--------------|------------|---------------|
| Ripped       | 19.5%      | 213.2         |
| Conventional | 19.5%      | 218.1         |

- \* significantly different at 95% confidence level
- \*\* significantly different at 99% confidence level
- # no yield results for 1993 due to weather damage

**Summary:** There were no statistically significant differences in 1994.

**Nebraska Soybean & Feed Grains Profitability Project**



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