# Nebraska On-Farm Research Network

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|---|---|
| ***Years:*** | 2013 |
| ***Title:*** | Plant Population |
| ***Crop:*** | Corn |
| ***Study ID:*** | 029053201301 |
| ***Objective:*** | To determine & document the effect on plant population on the profitability of corn production. |
| ***Treatments:*** | 24k, 28, 32k, 36k - (2013)<br><br>Row Spacing 36" |

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**Results: 2013** Corn - Population

| | Yield | Moisture | HPop | Cost |
|---|---|---|---|---|
| 24k | 134.2 A | 16.9 A | 21.0k D | $80.70 |
| 28k | 132.1 A | 16.7 A | 24.9k C | $94.15 |
| 32k | 130.8 A | 16.8 A | 28.6 k B | $107.60 |
| 36k | 130.5 A | 16.9 A | 32.6k A | $121.05 |
| Prob>/T/ | ns | ns | 0.000*** | |

Moody Silty Clay Loam - Upland

Pioneer 1498 - Planting No-till April 28,2013 @ 2.5"

32% 22 gal/ac or 81#N/ac 28-Apr spike wheel on planter , 10-34-0 5 gal/ac 28-Apr in-furrow

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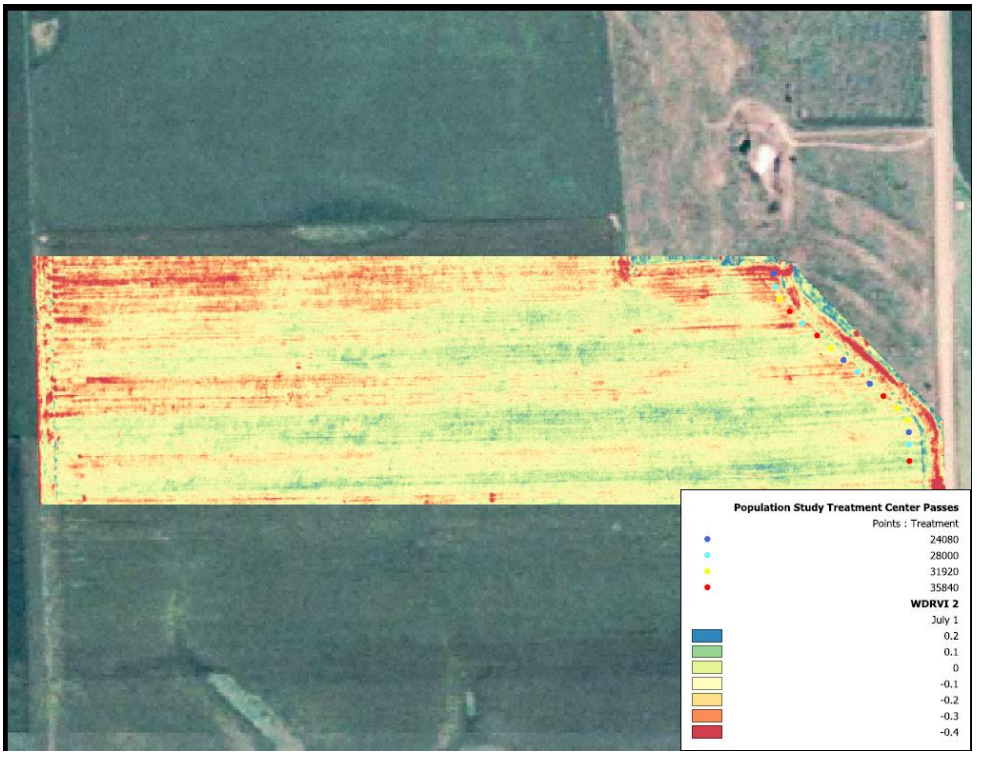
EXTENSION

# Nebraska On-Farm Research Network

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**Summary:** Corn - Population

**(2013)** Changes in seeding rates with the low at 24k seeds/acre up to 36K seeds/acre did not result in a significant grain yield difference, but did increase the cost of purchased seed per acre.

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