



# Nebraska On-Farm Research Network

**Years:** 2013  
**Title:** Population  
**Crop:** Corn  
**Study ID:** 117155201301  
**Objective:** Identify the most profitable corn plant population for a specific management system.  
**Treatments:** Population 24k, 28k & 32k  
  
30" row spacing

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## Results: 2013

### Corn - Population

	Yield	Moisture	Hpop	Cost/A
24k	159.8 A	15.4 A	23.4k C	\$86.88
28k	158.0 A	15.4 A	26.9k B	\$101.36
32k	157.5 A	15.4 A	31.2k A	\$115.84
Prob>/T/	ns	ns	0.000***	

Hoegemeyer 8359;113 d;LL,RR, RW, CB , Planted 5/16/13 @ 2" - No-Till, Corn/Corn

Upland - Pohocco Silty Clay Loam and Yutan, eroded AK-Sar- Ben complex

Anhydrous 140# Fall applied 11-52-0 +S+Zn , Starter 9.18.9 4 gal/ac

Corvus 2,4-D Roundup

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## Summary: Corn - Population

**(2013)** Rainfed corn grain yields were not significantly improved with increase of seeding rates at 24, 28 and 32K seeds per acre. However, the costs per acre did increase.

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