

N EXTENSION

Nebraska On-Farm Research Network

Years: 2013
Title: Population
Crop: Corn
County: Dodge
Study ID: 004053201301
Objective: Study effect of various seed populations on corn production and profitability.
Treatments: Population (by Hybrid) 32k and 37k (2013)

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Results: 2013 - Corn - Population

Population	Hybrid	YLD	MST	Cost/A
32K	-	247.1 A	18.2 A	\$ 99.72
37K	-	246.5 A	18.2 A	\$ 115.30
PROB>/T/		ns	ns	

Population	Hybrid	YLD	MST	Cost/A
37K	8066AMX	263.3 A	19.1 A	\$ 115.30
32K	8066AMX	260.3 A	19.0 A	\$ 99.72
32K	8345AM	233.9 B	17.3 B	\$ 99.72
37K	8345AM	229.7 B	17.3 B	\$ 115.30
PROB>/T/		0.0374** ns		

Population	Hybrid	YLD	MST	Cost/A
-	8066AMX	261.8 A	19.1 A	\$ 107.51
-	8345AM	231.8 A	17.3 B	\$ 107.51
PROB>/T/		0.000***	0.000***	

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NEBRASKA EXTENSION

Nebraska On-Farm Research Network

Summary: 2013

Corn-Population

(2013) (32 vs. 37K vs 2 hybrids)-NS on population (32K vs. 37K), but statistically significant between hybrids , and statistically significant for the hybrid X population interaction.

Normal Planting Rate is 34.5K

Visual observation 8345 post pollination tip back at higher populations.

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