

FIELD EXPERIMENT HISTORY

Exp. Number: 05 Row Spacing
Title: Determining the Influence of Row Spacing on Corn Grain Yield. **Year:** 1997
Personnel: J.G. Lauer, K.D. Kohn, P.J. Flannery, K.D. Hudelson and H.M. Darby
Supported by: Hatch

FIELD INFORMATION

Field: 396 West
Soil Type: Plano Silt Loam
Soil Test Results: Test Date: 10/97 pH: 6.8 P (ppm): 40 K (ppm): 245 O.M. 3.5%
Tillage Operations: None
Fertilizer: 29- April 150 lbs N/A 46-0-0
29- April 150 lbs/A 6-24-24 starter
Herbicide: 5-May Frontier @ 20oz/A & Bladex 90DF @ 2.2lbs/A
4-June Banvel @ 1pt/A
Previous Crop: Soybean
Irrigation: None

EXPERIMENTAL PROCEDURE

Exp. Design: RCB
Replicates: 4
Variables: 5 Row Spacings (30", 30' Dual Plantback, 15", 15" plantback, and 15" dual plantback
Hybrid: Pioneer 3751
Row Spacing: 30"
Planting Date: 29-Apr
Area Planted: 10' x 50'
Planting Equip: Kinze Plot Planter w/seed cones
Date Harvested: 10-Nov.
Area Harvested: 5' x 50'
Harvesting Equip: Kincaid Plot Combine

Results: Table E-21.

