

## Evaluation of Tillage Systems in Corn at the Graves Farm (Atchison County) during 2002

Planted - April 19, 2002	Number of rows - 8
Harvested - September 17, 2002	Pre Herbicide - Bicept II Magnum, Atrazine
Planted rate - 29,900 seeds/acre	Fertilizer - N=240, P=80, K=80 lbs per acre
Seed variety - Best 6635	Insecticide - Lorsban
Row Spacing - 30 inches	Post Insecticide - Mustang
Row Length - 250 feet	Soil Type - Haynie Silt Loam
	Previous Crop - Soybeans

Growing Season Rainfall: Apr.=2.02, May=5.27, June=0.57, July=2.2, Aug.=3.1, TOTAL=13.16 in.

Tillage Treatment	Stand count Number/acre	Harvest Moisture %	Yield at 15.5% Bu/acre
Plot # 1 - Fall & spring disk	22402	17.4	107.5
Plot # 2 - Spring Disk	24892	18.8	111.6
Plot #3 - Ridge/strip	25887	18.3	119.3
Plot #4 - Notill	27878	18.5	118.0
Plot #5 - Fall chisel/Spring Disk	27132	19.3	113.9
<b>Trial Averages</b>	<b>25638</b>	<b>18.5%</b>	<b>114.1</b>
<b>Standard Deviation</b>			<b>4.8</b>