

# Wheat Seeding Rate Trial

Dennis Baker, AGNR Extension Educator- Darke County

## Objective

To assess the performance of various wheat seeding rates.

## Background

Crop Year:	1997	Soil Test:	pH 6.5; P 174; K 496
Cooperator:	Dennis Baker	Fertilizer Applied:	100# 18-46-0 & 100# 0-0-0 10/2/96
County/Town:	Darke/ Greenville		75# 46-0-0 topdress
Drainage:	Subsurface	Herbicide:	None
Major Soil Type:	Brookston/Miami	Variety:	Shurgro 1550
Previous Crop:	Soybean	Planting Date:	October 16, 1996
Tillage:	None	Harvest Date:	July 17, 1997

## Materials and Methods

Wheat plots were planted at four seeding rates and replicated three times. Individual plots were 60 ft. wide and 550 ft. long.

## Results

Seeding Rate (lbs./A)	Yield (bu/A)
50	85.6
75	86.7
100	86.9
125	86.1

## Summary and Notes

There were no significant differences among the treatment averages at the 0.05 (LSD 7.52 bu/A) and the 0.20 (LSD 4.42 bu/A) levels of probability. Coefficient of variation equaled 16.4%.

For additional information, contact:

Dennis Baker  
The Ohio State University  
baker.5@osu.edu