

WHEAT FERTILITY EXPERIMENT No.502

North Central Experiment Station

Established 1970

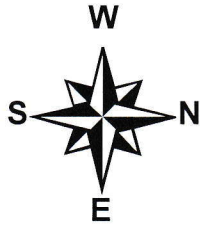
Location: **Lahoma**

Plot size: 16' x 60'

Alley: 20'

Total Trial Area:

224' x 300'



OBJECTIVE: To study fertilizer nitrogen, phosphorus, and potassium in winter wheat. In recent years, this study has also been used to develop yield potential models and yield predictions through sensor based technologies.

1, 2 – Harvest Sequence Number

1, 2 – Treatment Number

1, 2 – Soil Sample Sequence Number

TRT	Pre-plant N rate (kg N / ha)	Pre-plant P rate (kg P ₂ O ₅ / ha)	Pre-plant K rate (kg K ₂ O / ha)
1.*	0	0	0
2.*	0	45	67
3.*	22	45	67
4.*	45	45	67
5.*	67	45	67
6.*	90	45	67
7.*	112	45	67
8.	67	0	67
9.	67	22	67
10.	67	67	67
11.	67	90	67
12.	67	67	0
13.	112	90	67
14.	67	45	67 (Sul-Po-Mag)

N applied as 46-0-0 (Urea)
P applied as 0-46-0 (Triple Super Phosphate)
K applied as 0-0-60 (Potash)
* - YP plot

