



Planter Fertilizer Options in Corn Frankfort, IN

Experiment Info:

| | |
|---------------|---------------|
| Planted: | 5/19/2015 |
| Harvest: | 10/5/2015 |
| Yield Goal: | 180 |
| Target Fert.: | 180-60-60 |
| Variety: | AgriGold 6553 |
| Population: | 36000 |
| Row Width: | 30 |
| Prev. Crop: | corn/soybea |
| Plot Size: | 30 X 800 |
| Replications: | 2 |
| Planting: | 5/19/2015 |
| Sidedrses: | 6/20/2015 |

Soil Test Values (ppm):

| | |
|-----------|------|
| pH: | 6.9 |
| CEC: | 21.7 |
| %OM: | 3.4 |
| Bray P1: | 12 |
| Bicarb P: | 0 |
| K: | 122 |
| S: | 12 |
| %K: | 1.4 |
| %Mg: | 22.3 |
| %Ca: | 76 |
| %H: | 0 |
| Zn: | 0.7 |
| Mn: | 2 |
| B: | 0.5 |

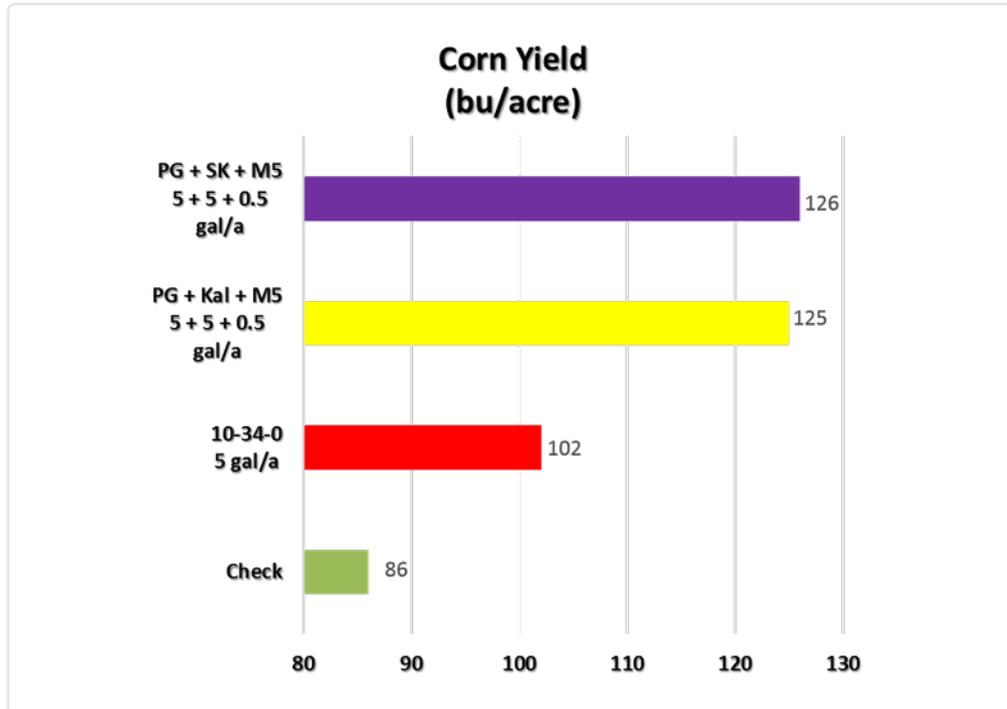
Objective:

Objective: Compare Pro-Germinator (PG) + Sure-K (SK) or Kalibrate (Kal) + eNhance (eN) to 10-34-0 as planter applied fertilizer programs.

The trial was conducted by Rex Rawlings near Frankfort, IN.

Planter fertilizers were applied in-furrow. Treatments 1, 2, and 4 received 45 g/a High NRG-N split between planting and side dress applications. Treatment 3 received 58 g/a 28-0-0 split between planter and side dress applications.

NOTE: The field received in excess of 30" of rain between planting and mid-July. That excess rainfall negatively affected corn yield in the entire plot..



Conclusions:

- Combinations of Pro-Germinator + Sure-K + Micro 500 + eNhance provided comparable yield to Pro-Germinator + Kalibrate + Micro 500.
- AgroLiquid programs provided 22-24 bu/a higher yield than 10-34-0.
- All planter applied fertilizer treatments provided corn yield higher than the no planter fertilizer treatment.