



Side-Dressed vs Fall Applied Manure

Previous research has shown the possibility to side-dress manure to corn in the early leaf stages with tools developed by Bazooka Farmstar. From a nutrient management perspective, side-dressing manure in the early spring should lead to increased yield as the manure is less vulnerable to nutrient loss. In this research, we compare the yield advantage of fall-applied manure versus early spring side-dress manure application. Results of this research will lead to new insights in manure management.

WHAT WE NEED FROM YOU:

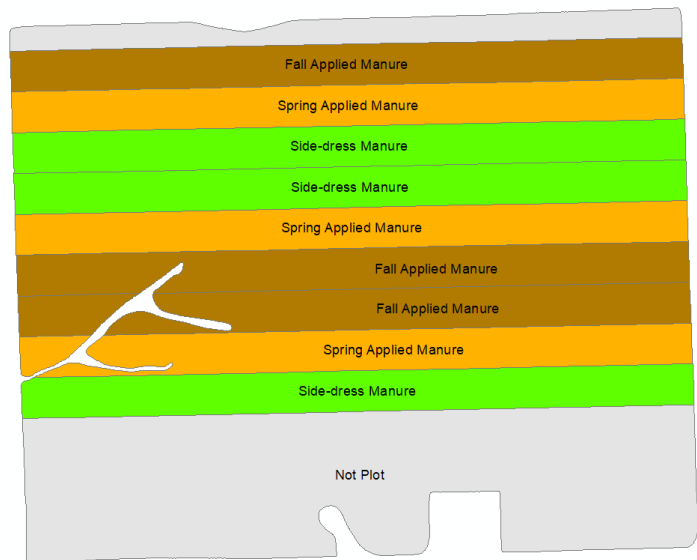
- Provide a field near a hog building. Rotation can be corn on corn or corn following soybeans.
- Apply manure in the fall at your standard rate according to the plot diagram.
- In the early spring, before corn reaches the fifth leaf stage, side-dress manure at the same rate as the fall applied.
 - Optional: include an extra comparison of spring applied broadcast manure.
- Provide yield monitor data after harvest.

WHAT ISA WILL DO FOR YOU:

- Analyze the field to determine whether the side-dress applications reduced stands.
- Conduct late spring nitrate tests to determine differences in nitrogen availability between the fall and spring manure applications.
- Collect aerial and drone images of the field throughout the season.
- Provide summary of results from your farm and other farms cooperating in the study.
- Protect the confidentiality and anonymity of your yield information.

Suggested Plot Layout:

Spring applied manure application is optional.



To get involved or for more information, contact your regional agronomist:

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