



Tryptophan Co-product for Yield Enhancement in Corn

Early development research has indicated that a new co-product from the manufacture of Tryptophan can enhance corn yield. The Tryptophan co-product seems to act as a natural growth stimulant similar to auxins.

PROJECT GOALS:

The goal of this project is to characterize corn response to Tryptophan co-product across diverse Iowa soils and weather patterns.

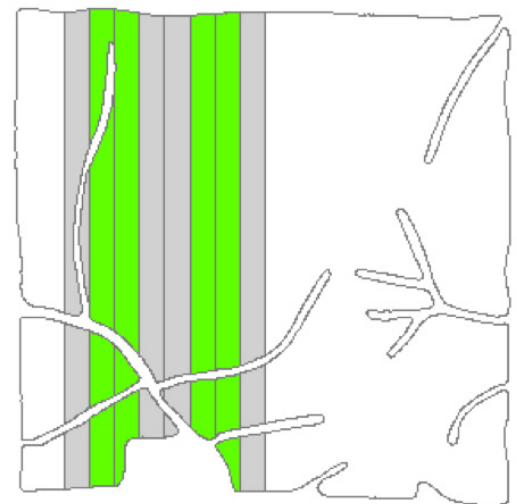
WHAT WE NEED FROM YOU:

- Foliar apply Tryptophan co-product according to the plot layout
 - Rate: 4.5 gallons co-product/A in 15 to 20 GPA water carrier
 - Growth Stages: V5 to V8
 - Do Not apply with herbicide or fungicide as it is currently unknown whether the co-product will antagonize crop protection agents
- Treatments
 1. No co-product
 2. Tryptophan co-product
- Manage crop and provide as-applied, yield and management information

WHAT ISA WILL DO FOR YOU:

We will provide:

- Imagery of the trial field
- A summary of trial results from your farm
- An aggregated data summary for all similar trials combined



Treatment

- Not Plot
- Tryptophan co-product
- No Tryptophan

Sample Plot Layout:

1. Select a field with high variability in terms of yield, soil types or topography
2. Suggested strip width is one round of the planter

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

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