



# Multi Variety Planting

Research has shown that multi-variety planting can be profitable, but it depends upon the fields and genetics. To determine whether multi-variety planting is profitable on your farm, you actually do not need a multi-variety planter. Simply split-plant different varieties and ISA analytics can estimate for you the profitability of multi-variety planting.

## PROJECT GOALS:

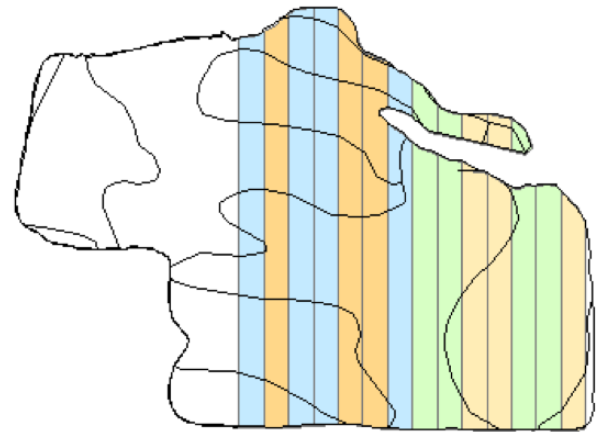
1. Increase our understanding of which fields are most responsive to multi-variety planting
2. Determine the value of multi-variety planting in fields with iron chlorosis

## WHAT WE NEED FROM YOU:

- Split plant 2-4 soybean varieties across the field choosing varieties rated as defensive and offensive by their seed companies
- Focus on fields with significant yield variation, especially fields with known iron chlorosis. Choose varieties with good and poor iron chlorosis scores
- Provide ISA with as planted maps and yield monitor data. Harvest strips with the row.

## WHAT ISA WILL DO FOR YOU:

- Apply ISA Analytics to determine whether multi-variety planting is profitable
- Aerial image of the trial farm.
- A summary of trial results from your farm
- An aggregated data summary for all similar trials combined



### Treatments

	Not Plot
	Offensive 1
	Defensive 1
	Offensive 2
	Defensive 2

## Sample Plot Layout:

1. Select a field with high variability in terms of yield, soil types or topography
2. Split planter with two varieties
  - a. Optional: Include strips of different populations
  - b. Suggested plot size is one round of the harvester

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

**Matt Hoffman**, Northwest Iowa  
mhoffman@iasoybeans.com  
712-210-2100

**Anthony Martin**, Northeast Iowa  
amartin@iasoybeans.com  
515-334-1048

**Brett McArtor**, Southern Iowa  
bmcartor@iasoybeans.com  
515-334-1037

funded in part by the soybean checkoff