

2024 MU STRIP TRIAL PLANNING INFORMATION SHEET

This information helps us design a successful trial based on farmer's equipment.

PLANNING BASELINE INFORMATION

Name/Phone:		County:
Email Address:	Name of MU Extension Contact:	
Ag Consultant or Applicator Contact/Phone:		
GPS Coordinates of field:	Location of trial within field: Provide a map, if possible.	Select crop (circle one) CORN - SOYBEAN Other?
Planter info: Width (in feet):	Can provide planting map? Yes or No	Auto-steer enabled? Yes or No
Combine info: Width (in feet):	Can provide yield map? Yes or No	Auto-steer enabled? Yes or No
R3 fungicide trials only Sprayer info: Width (feet):	As-applied map? Yes or No	Auto-steer enabled? Yes or No
Nitrogen trials only Spreader info: Width (feet):	As-applied map? Yes or No	Auto-steer enabled? Yes or No

SPRING 2024 STRIP TRIAL OPTIONS

Interest?	Description
	Nitrogen (N) response in corn following Cover Crop: Test farmer N rate against more N and/or less N (typically + and/or -30 lbs. N/A). Strips applied either preplant or side dress applications. Can work with flat-rate or variable rate applications. Farmer choice of timing, N source and placement.
	R3 Fungicide response in soybean: Test farmer's choice of R3 fungicide versus a no-R3 fungicide control.
	SCN Seed Treatment: Compare ILEVO vs. Saltro vs. base seed treatment on SCN and SDS. Potentially can provide treated seed for trial.
	Fungicide Management for Corn Tar Spot or Southern Rust: Effectiveness of one- vs. two-applications. Blanket application at VT/R1. Farmer choice on timing of the 2 nd application (pre or post 1 st application).
	Nitrogen response of corn: Non-standard trial design involving multiple N rates across a field. Designed to answer how nitrogen response differs across a field.

What we will do for you:

1. Develop trial layout that works with your equipment. Available to answer questions and solve problems. Potentially provide you or your dealer an application map they can use to apply the treatments.
2. Survey the field with drones during the growing season. Some trials include scouting and soil sampling.
3. Provide report summarizing results. Integrate anonymized results with other trials around Missouri.

Strip trials are long strips laid out side-by-side in a field comparing different management practices.

- We work with farmers who can provide yield maps for grain crop harvest.
- All trials must be at least five replicates (10 to 12 strips), more is better, with a length of at least 500 feet.
- Farmer controls all other management choices including variety, fertilizers, plant protection and harvest.
- If interested, contact your local Extension office or Agronomist or Natural Resources Engineer.

The MU Certified Strip Trial Program is supported by MU Extension, the Missouri Soybean Merchandising Council, the Missouri Corn Merchandising Council, North-Central SARE, and the Missouri Fertilizer Control Board.

