

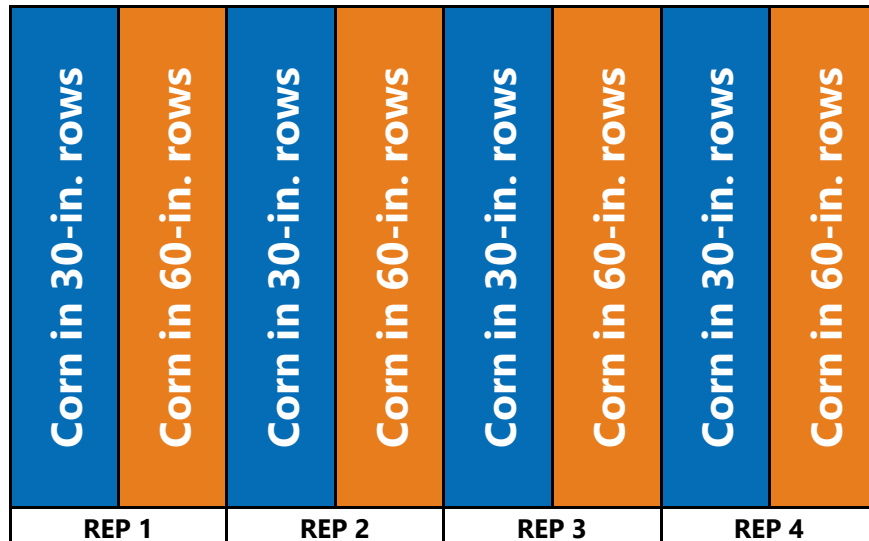
Field Crops Research Protocols

Widening the Corn Row for Interseeding with Cover Crops

Objective: Determine if corn in 60-in. rows can better accommodate an interseeded cover crop in late spring and maintain grain yields similar to corn in 30-in. rows.

Farmer-cooperator will:

- Take photos throughout the project and keep in contact with PFI with updates and questions.
- **Spring 2018**, establish at least 4 replications as shown in the diagram below.
 - **Plant corn in 30-in. rows.**
 - **Plant corn in 60-in. rows.**
- Strips will be as wide as at least one combine pass and run the length of the field.
- Interseed corn in all strips with cover crop.
 - Cover crop TBD.
- **Summer 2018**, take photos of interseeded cover crop progress.
- **Fall 2018**, collect aboveground biomass samples of cover crop from strips just prior to corn harvest.
- Harvest corn from strips individually.
- Turn in all info and data pertinent to this trial to Practical Farmers of Iowa by the end of the project.



Practical Farmers of Iowa will:

- Help set up monitoring protocol, monitor progress of project and provide support when needed.
- Publish results in a PFI research report, on PFI website and potentially other outlets.
- Provide \$550 compensation when yield data is submitted at conclusion of the project in 2018.

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