

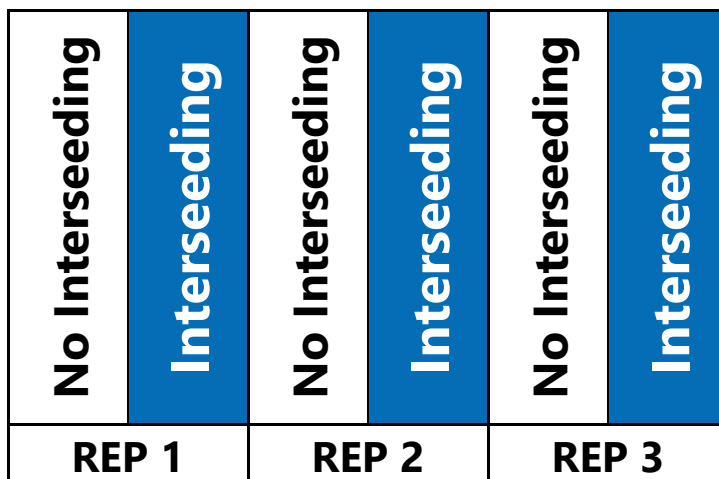
Field Crops Research Protocols

Interseeding Corn with Cover Crop Mix at V2-V3 Stage

Objective: Determine if a mix of cover crops interseeded to corn in late spring can survive through to the fall and have any effect on corn yield.

Farmer-cooperator will:

- Take photos throughout the project.
- Keep in contact with PFI with updates and questions.
- **Spring 2018**, plant corn of the same variety and plant population across entire field.
- Establish a minimum of 3 replications when corn reaches the V2-V3 stage as shown in the diagram below with randomized and replicated strips of:
 - **Corn with no covers (no interseeding)**
 - **Corn interseeded with cover crop mix**
 - Mix: TBD by cooperator
- Strips will be as wide as at least one combine pass and run the length of the field
- **Summer 2018**, take occasional photos of strips to track persistence/survival of cover mix.
- **Fall 2018**, collect biomass samples of interseeded clovers just prior to corn harvest.
- Harvest corn from each strip separately, record yield of each strip.
- Turn in data to Practical Farmers of Iowa at the end of 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 at conclusion of the project in 2018.

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