

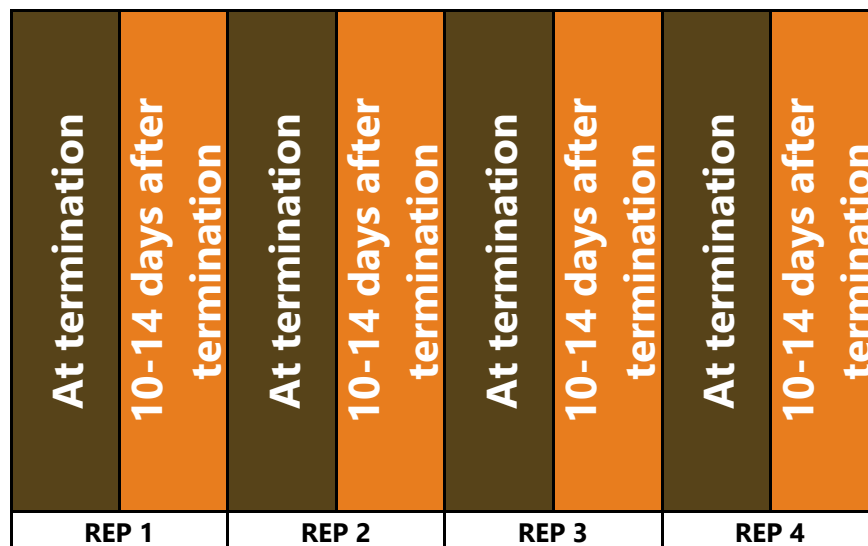
Field Crops Research Protocols

Corn Planting Date Following Cover Crop Termination

Objective: Determine if corn can be planted near the time of cover crop termination when the cover crop is terminated before 6-in. of growth is achieved.

Farmer-cooperator will:

- Take photos throughout the project and keep in contact with PFI with updates and questions.
- **Fall 2017**, seed cover crop.
- **Spring 2018**, terminate cover crop approximately Apr. 20.
- Establish at least 4 replications as shown in the diagram below of two treatments:
 - **Plant corn at time of cover crop termination (~Apr. 20)**
 - **Plant corn 10-14 days after cover crop termination (~May 5)**
- Strips will be as wide as at least one combine pass and run the length of the field.
- Collect aboveground biomass samples of cover crop from strips just prior to termination.
- Allow Dr. Alison Robertson's team to sample corn seedlings for disease prevalence.
- **Summer 2018**, photograph trial progress.
- Allow Dr. Robertson's team to sample mature corn plants for stalk disease prevalence.
- **Fall 2018**, 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 coordinate with Dr. Robertson (ISU).
- 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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The terms of this Research Protocols document are subject to the terms of the individual Research Cooperator's Memorandum of Understanding agreement with PFI. To the extent these terms may differ or conflict, the Memorandum of Understanding shall control.