Objective: Quantify the agronomic performance of soybeans planted into an early and late terminated cereal rye cover crop.

Farmer-cooperators, Bob Lynch & Jeremy Gustafson, will:
- Take photos throughout the project.
- Keep in contact with PFI with updates and questions.
- Fall 2014, plant winter cereal rye.
- Spring 2015, terminate strips of rye with herbicide in mid- to late-April.
- Establish a minimum of 4 replications as shown in the diagram below with randomized and replicated strips of soybeans planted into strips of previously terminated (~7 days prior) rye and freshly terminated/dying ‘standing’ rye.
  - Collect aboveground biomass of rye from strips at each termination date
- Strips will be as wide as at least one combine pass and run the length of the field.
- Fall 2015, harvest soybeans from strips separately.
- Turn in data to Practical Farmers of Iowa at the end of the project.

![Diagram of soybeans into standing rye cover crop]

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 2015.

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