Fungicide Demonstration in Cereal Rye and Winter Wheat

Objective: Determine the effect of a fungicide on seed yield and germination rate of seed in cereal rye and winter wheat.

Farmer-cooperator will:
- Take photos throughout the project.
- Keep in contact with PFI with updates and questions.
- Fall 2015, plant cereal rye in one field; winter wheat in second field.
- Summer 2016, Apply fungicide to both fields leaving a check strip without fungicide as shown in the diagram below.
- Just after re-entry period has elapsed, collect plant biomass from the check strip in both fields to be analyzed for pesticide drift from the fungicide-treated portion of the field.
- Harvest cereal rye and winter wheat from treated area and check strip in both fields. 
  - Determine seed yield and germination rate of seed.
- Turn in data to Practical Farmers of Iowa at the end of project.

![Diagram of Fungicide and Check Strip]

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 $200 compensation at conclusion of the project in 2016.

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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.