Objective: Determine the agronomic and economic effect of a plant growth regulator on cereal rye seed production.

Farmer-cooperator will:
- Take photos throughout the project.
- Keep in contact with PFI with updates and questions.
- Fall 2015, plant winter cereal rye seed crop.
- Spring 2016, establish a minimum of 4 replications as shown in the diagram below with randomized and replicated strips of:
  - Cereal rye with plant growth regulator (PGR)
  - Cereal rye without plant growth regulator (No PGR)
- Strips will be as wide as at least one combine pass and run the length of the field.
- Summer 2016, collect aboveground biomass samples of rye from strips ~one week prior to seed harvest.
- Measure cereal rye plant height and stem thickness at harvest.
- Harvest cereal rye seed from strips separately.
- Turn in data to Practical Farmers of Iowa at 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 at conclusion of the project in 2016.

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