

Field Crops Research Protocols

Three Crop Rotation Demonstration

Objective: Document all pertinent production and cost information with respect to growing a crop rotation consisting of corn-soybean-winter wheat + legume.

Farmer-cooperator, *Jon Bakehouse*, will:

- Take photos throughout the project.
- **Spring 2015**, plant corn.
- **Fall 2015**, harvest corn.
- Seed cereal rye cover crop
- **Spring 2016**, terminate cereal rye cover crop.
- Plant soybeans.
- **Fall 2016**, harvest soybeans.
- Seed winter wheat
- **Spring 2017**, frost-seed legume into winter wheat.
- **Summer 2017**, harvest wheat.
- Seed additional covers into frost-seeded legume?
- **Spring 2018**, re-start the rotation.
- Turn in data to Practical Farmers of Iowa at the end of project.
- Keep in contact with PFI with updates and questions.

Corn (+ cereal rye cover)	Soybeans	Winter wheat + legume
2015	2016	2017

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 2017.