

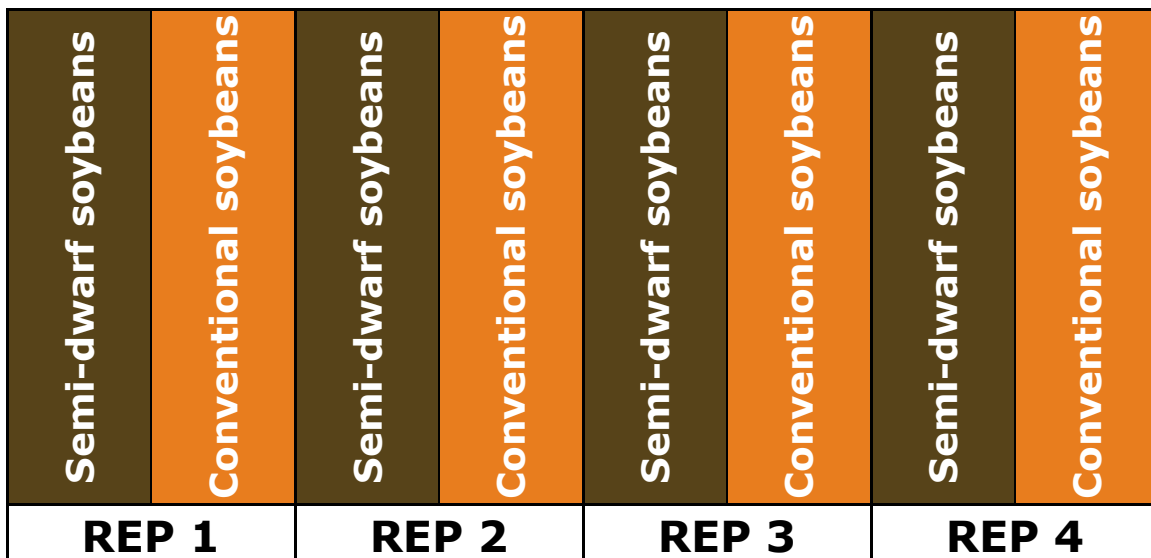
# Field Crops Research Protocols

## Semi-dwarf vs. Conventional Soybeans

**Objective:** Quantify the agronomic and economic performance of semi-dwarf and conventional soybeans.

**Farmer-cooperator, Arlyn Kauffman, will:**

- Take photos throughout the project.
- Keep in contact with PFI with updates and questions.
- **Spring 2015**, Establish a minimum of 4 replications of 2 treatments as shown in the diagram below with randomized and replicated strips of:
  - Semi-dwarf soybeans drilled in 8-inch rows (280K seeds/ac);
  - Conventional soybeans drilled in 16-inch rows (160K seeds/ac).
- **Summer 2015**, Make observations as to the weed pressure in the 2 treatments.
- 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.



**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.