

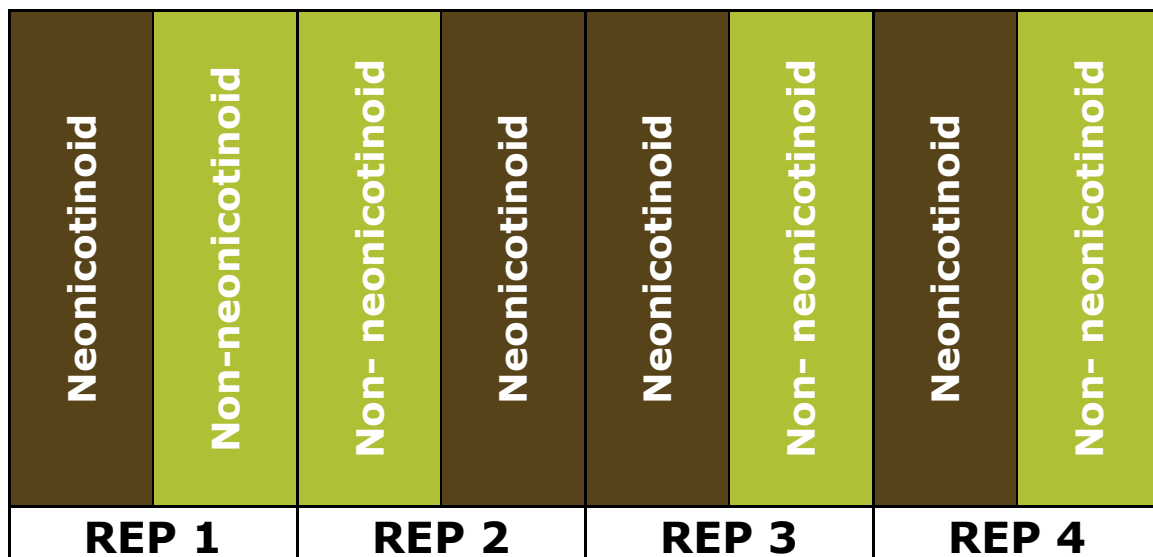
Field Crops Research Protocols

Soybeans grown from Neonicotinoid-treated vs. Non-neonicotinoid-treated seeds

Objective: Quantify the agronomic and economic performance of soybeans grown from neonicotinoid-treated and non-neonicotinoid-treated seeds of the same variety.

Farmer-cooperator, Bob Lynch, will:

- **Spring 2014**, establish a minimum of 4 replications as shown in the diagram below with randomized and replicated strips of:
 - Neonicotinoid-treated soybeans
 - Non-neonicotinoid-treated soybeans
- Strips will be as wide as at least one combine pass and run the length of the field
- Plant soybeans from neonicotinoid-treated and non-neonicotinoid-treated seeds of the same variety, maturity group, and plant population to all strips
- Make note of any differences regarding in-field management of the soybeans
- **Fall 2014**, harvest soybeans in strips, record yield of each strip
- Turn in data to Practical Farmers of Iowa at the end of project
- Keep in contact with PFI with updates and questions



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 reimbursement at conclusion of the project in 2014