Objective: Quantify the agronomic performance of, and weed control in, soybeans receiving a companion seeding of winter wheat in the seed furrow.

Farmer-cooperator, Vic Madsen, will:
- Take photos throughout the project.
- Keep in contact with PFI with updates and questions.
- **Spring 2015**, Establish a minimum of 4 replications as shown in the diagram below with randomized and replicated strips of:
  - Soybeans planted with winter wheat seeded into furrow by insecticide bander;
  - Soybeans planted with no winter wheat companion (Control).
- Strips will be as wide as at least one combine pass and run the length of the field.
- **Summer 2015**, conduct weed counts in strips following interrow cultivation passes.
- **Fall 2015**, harvest soybeans from strips separately.
- Turn in data to Practical Farmers of Iowa at the end of the project.

<table>
<thead>
<tr>
<th>Soybeans + wheat</th>
<th>Control</th>
<th>Soybeans + wheat</th>
<th>Soybeans + wheat</th>
<th>Control</th>
</tr>
</thead>
<tbody>
<tr>
<td>REP 1</td>
<td>REP 2</td>
<td>REP 3</td>
<td>REP 4</td>
<td></td>
</tr>
</tbody>
</table>

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.

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