Pepper Variety Trial

**Objectives**: 1. Determine which pepper variety, Olympus or Revolution, produces more marketable fruits and total yield in side-by-side field trials in Iowa.

**Farmer-cooperators, Mark Quee, Alice McGary, Rick Hartmann, Tim Landgraf, Jordan Scheibel & Suzan Jutz will**:  
- Take photos throughout the project and send to PFI for use in research report and blog.  
- Keep in contact with PFI with updates and questions.  
- **Spring 2015**, start pepper seedlings and transplant to field when appropriate.  
- Establish a minimum of 4 replications (pairs) **at the time of transplanting** as shown in the diagram below with randomized and replicated plots of both varieties (Olympus and Revolution).  
- **Summer 2015**, make note of all management practices throughout the growing season.  
- Harvest peppers from each plot separately: record total number of peppers harvested per plot, number of red peppers harvested per plot, number of culls per plot and total weight of all peppers harvested per plot.  
- Turn in all data by October 2015.

<table>
<thead>
<tr>
<th>Pair 1</th>
<th>Pair 2</th>
<th>Pair 3</th>
<th>Pair 4</th>
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</thead>
<tbody>
<tr>
<td>Olympus</td>
<td>Revolution</td>
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<td>Revolution</td>
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**Practical Farmers of Iowa will**:  
- Help set up research protocol.  
- Order and provide seeds of both pepper varieties.  
- 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 cooperator payment at conclusion of project year.

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