

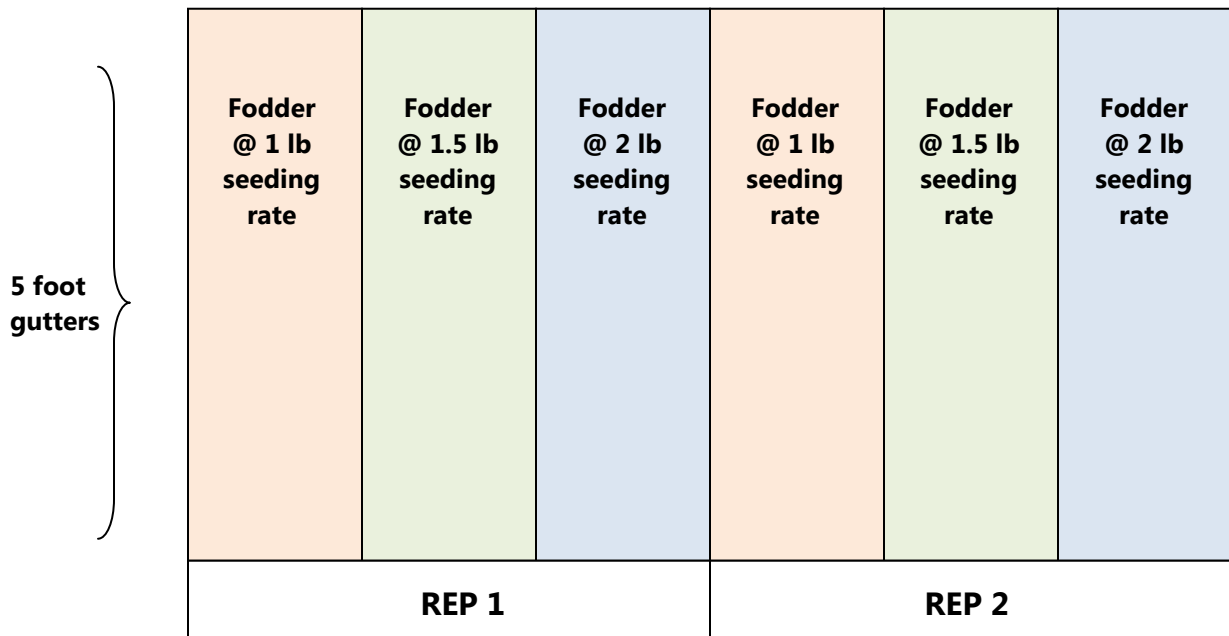
# Livestock Research Protocols

## Sprouted Grains for Fodder

**Objective:** To determine the nutrient composition of sprouted grain fodder.

**Farmer-cooperator will:**

- Describe the growing conditions for the sprouts, including temperature, lighting, and humidity. Note how much water was used, each day and overall.
- Plant three batches of fodder (each with a different seeding rate) will be planted: 1 lb, 1.5 lb, and 2 lb in a 5-ft gutter. Two reps of each seeding rate will be established.
- Perform a germination test.
- Harvest, rinse and weigh samples for each seeding.
- Send in samples for macro- and micro-nutrient analysis.
- Keep track of costs involved.



**Practical Farmers of Iowa will:**

- Monitor progress of project and provide support when needed.
- Analyze the data and publish results in a PFI research report, on PFI website and potentially other outlets.
- Pay the Farmer Cooperator a fee of \$250 at the conclusion of the project in 2016.

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*The terms of this Research Protocols document are subject to the terms of the individual Research Cooperator's Memorandum of Understanding agreement with PFI. To the extent these terms may differ or conflict, the Memorandum of Understanding shall control.*



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