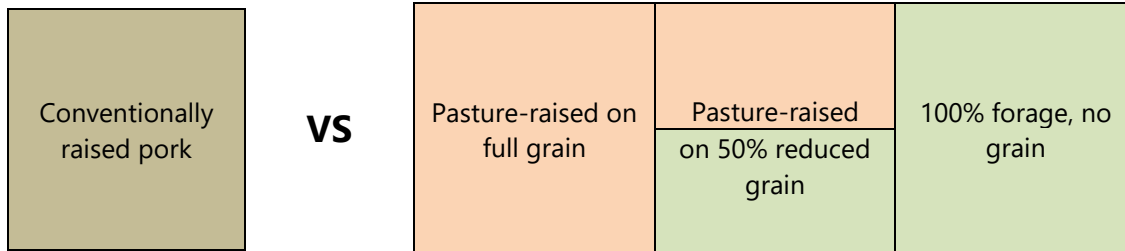


Livestock Research Protocols

Nutrient Density Profiles for Conventional vs. Pasture-Raised Pork

Objective: To compare nutrient density profiles of pork from conventionally raised pigs and pasture-raised pigs on full grain, 50% reduced grain and grain-free rations.



3 groups of 8 pigs; fed from 8 weeks old to 250 lbs

Farmer-cooperator, will:

- Feed three groups of eight pigs each, one of three rations illustrated above. Pigs will be fed from eight weeks old until 250 lbs.
- Weight pigs once a month; record rate of gains.
- Harvest each pig at 250 lbs; record date. Harvest will take place between November 15, 2017 and January 15, 2018.
- Send loin and fat samples to University of Missouri for nutrient density testing and taste testing.
- Keep track of all production costs for each group.
- Send data and analysis Practical Farmers of Iowa in order to write a research report.

Practical Farmers of Iowa will:

- Monitor progress of project and provide support when needed.
- Help analyze the data and write a research report.
- Publish results in a PFI research report, on PFI website and potentially other outlets.
- Pay the Farmer Cooperator a fee of \$550 at the conclusion of the project in 2018.

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