

Alternative Free Choice Minerals for Goats, Spring and Summer 2016

Objective: To measure health benefits in goats provided free choice minerals and kelp versus standard mineral blocks.

May-October 2016

65 does Mineral Block	65 does Loose Mineral + Kelp
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Farmer-cooperator will:

- Record the type of minerals and supplements fed, amount offered, amount consumed and costs.
- Keep grazing records.
- Record herd health data; fecal egg counts, FAMACHA, body condition scores, hoof health, hair coat and other health observations.
- Weigh animals at the beginning and end of the trial and at intervals as frequently as possible
- Collect and submit fecal samples for analysis and FAMACHA scores.
- Take hair samples from does and kids during each mineral treatment.
- Keep track of data and submit to PFI.

Practical Farmers of Iowa will:

- Monitor progress of project and provide support when needed.
- Analyze the data, compile with past data and write an updated 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 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.