

STARTING A DAIRY FARM: GRADE A OR MANUFACTURED?

This is a quick overview of state requirements and considerations in starting a dairy operation. This is not all inclusive. Please refer to the listed regulations for complete details; available online at www.boah.in.gov

What type of dairy farm will you have?

- What type and number of animals will be milked?
- Will it be cows, goats, or sheep?
- Grade A or Manufactured?
 - Grade A milk is used for pasteurized fluid milk products.
 - Will require a bulk tank or silo for storage, or may be removed from the farm through direct loading.
 - Manufactured Grade milk is used for pasteurization for products such as cheese.
 - Can be stored in milk cans or a bulk tank.
- The milk can be sold from the farm to either a cooperative or directly to a licensed processing facility.
- Make sure a milk hauler/route is available in your area.
- If you intend to process your milk for dairy products you will need to obtain a permit for processing milk and milk products.

Basic Requirements

Permits and Applications

- Submit an application for Permit to Sell Raw Milk for Pasteurization to BOAH for approval.
 - Submit an Application to Install or Modify a Milking System, along with blueprints or drawings of the proposed facility and equipment.
 - Register your farm with BOAH premise identification.
 - Check with your local county health department for any permits or requirements they may have for water and wastes disposal.
 - Have a satisfactory water sample (collected by BOAH).
- Health papers and testing requirements should be met before any cattle are brought onto the site.
- Review Indiana Department of Environmental Management requirements regarding manure handling.

Routine Inspection and Testing

- BOAH will conduct routine inspections of your facility.
- Your marketing cooperative or receiving plant will be required to submit test results of your raw milk supply on bacteria, temperature, somatic cell count and drug residues.
- Water supplies are tested at least every 3 years and after any changes are made to the water supply.

Facility

- A milkhouse used only for milking operations is required.
 - Smooth, impervious, easily cleanable light-colored walls and floors
 - Doors and windows that are tight-sealing
 - Self-closing doors



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- Adequate ventilation and lighting
- Appropriate cleaning system for equipment
- Hoseport if using bulk tank
- Adequate milk storage capable of maintaining milk temperature below 45°F (Grade A) and below 60°F (Manufactured Grade)
- Hand sink, soap & towels
- Two-compartment wash vats
- Floor drains, trapped
- Adequate hot water
- Proper drug storage; drugs for lactating and non-lactating separated, with approved labeling
- Approved water supply and construction
- Restroom, if applicable
- Separation from horses, calves, bulls, etc.

General Requirements

- Permit approval by BOAH must be complete before any milk can be sold and all inspection items noted must be corrected.
- Requirements are the same for cows and goats, except for the somatic cell count requirement and milk collection time requirement.
- Bulk tank/silos must have automatic start-up agitation.
- Milk and samples must be collected by a BOAH-licensed bulk hauler.
- Those who store milk in cans must have milk picked up by a BOAH-licensed can route owner.
- Direct-load farms must have approved in-line sampling equipment and samplers.
- Raw milk cannot be sold to the consumer; it must be sold for processing to a licensed facility or cooperative.

Regulations

Links to these documents can be found on the BOAH web site at www.boah.in.gov. Click on “Dairy and Milk”, then “Dairy Regulations and Resources.”

- 345 IAC 8 Indiana Administrative Code
- IC 15-18 Indiana Code
- IC 16-42 Indiana Code
- PMO-2013 Revision - Pasteurized Milk Ordinance

Resources for Information

- Many dairy industry people are willing to answer questions about starting a dairy farm
- Indiana Professional Dairy Producers can provide advice from dairy producers who have farms, www.indianadairy.org
- BOAH Dairy Division Staff can give information about rules and regulations
- The BOAH web site www.in.gov/boah provides written copies of state guidelines
- Purdue Dairy Extension, www.ag.purdue.edu/ansc
- Dairy Marketing Cooperatives in Indiana