

probably the best methods for disposal.

Dedicated management and a positive attitude with a comprehensive and effective biosecurity plan are vital to the success of preventing or eliminating a disease from a swine production unit. Too often when a disease like PR hits, producers neglect proper on-farm biosecurity, inviting other devastating diseases.

around hog buildings picked up. Pets should not be allowed access to hogs or hog buildings.

Proper disposal of dead pigs and placentas is very important to prevent spread of PR to neighboring hog units. PR virus can survive for up to a week in these tissues. Make sure your pets are not allowed to roam and do not have access to such material. Incineration and inground tanks with lids are

Quality Assurance for the Food Animal Industry

Billy I. Smith DVM, MS and
Lisa A. Sherman VMD

All food animal producers must strive to manufacture safe high quality products. It is the consumer's concerns and demands for such a safe high quality product that has led to the development of quality assurance programs. In the past ten years the food producing industry has switched from massive treatment of animals to the progression of programs to prevent disease.

The quality assurance programs are designed to 1) educate the producer about marketing a higher standard of product while reducing cost, and 2) ensure the consumer that the marketed product is of a high quality and safe.

The institution of quality assurance programs can be a challenge. Good management practices are an integral part of any successful livestock producing enterprise. These practices help lower the need for drug usage by preventing disease and therefore lowering the risk for drug residue violations.

Working closely with your veterinarian will help ensure the design of a herd health protocol that meets the standards of all established quality assurance programs. Protocols should cover: 1) proper handling of animal health products, 2) proper injection sites, 3) proper handling of biomedical equipment, and 4) proper record keeping.

Product handling

- READ LABELS and follow instructions on all drugs and vaccines
- Some products will need to arrive and be stored refrigerated
- Never combine different vaccine products in one syringe
- Modified live (ML) vaccines
 1. Mix immediately prior to administration
 2. Mix only enough for 30 minutes worth of work
 3. Never store left-over vaccine once mixed
- Keep all vaccines (ML and Killed) out of sunlight and cool during the entire work day

(Turn to Page 48)

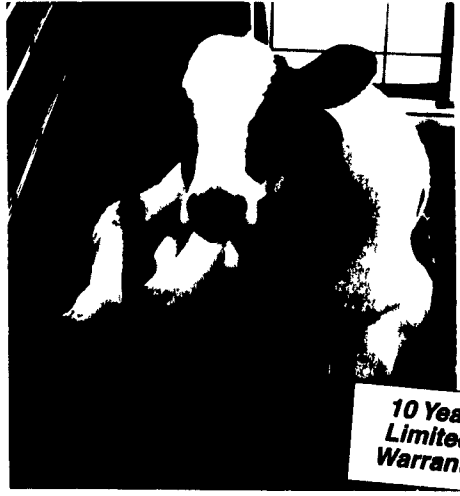


MORNING STAR RANCH

LLAMAS ★★★★★


L See the difference that exceptional
A breeding and insightful training
 produces.
M We offer **the finest** in breeding
A stock, pets, guardians, quality fiber.
S All our llamas are 4-H experienced.
 Visit **MORNING STAR RANCH**
 ★ in nearby New Jersey where **great**
 ★ **prices**, continuing service and
 ★ support go with each purchase.
 ★ **(609) 298-2666**

Tenderfoot. Calf Flooring Systems



**10 Year
Limited
Warranty**

- Less Labor
- Healthier Environment
- Self-Cleaning Design
- Proven Durability



Tandem Products, Inc.
 3444 Dight Ave S, Mpls, MN 55406
1-800-533-0800