

Expert Tells How To Control Milk Flavors

Eliminate off-flavored milk by management, feeding and ventilation, says Ivan E. Parkin, professor of dairy science at the Pennsylvania State University.

Spring is the time of year when dairymen tend to think of flavors in milk as those primarily caused by garlic in the pasture, but many other sources of off-flavors produce objectionable properties in milk.

Parkin, in a publication from Penn State says there are four ways to eliminate undesirable flavors in milk. In essence the four rules are, milk only healthy cows, properly ventilate the barn, feed after milking, and practice managed milking.

Flavors caused by silages, pasturing or green reeding of grasses, legumes or grains can be eliminated by feeding after milking, proper barn ventilation and storing of such feeds away from cows. Such crops as cabbage, kale, rutabaga, turnips, beets and onions as well as moldy or musty hay can likewise cause off flavor and should be kept from the feed of dairy cows.

Of course one of the major causes of off-flavors when cows are on pasture in weeds such as garlic, mustard, ragweed, buckhorn, tansy, cabbage, skunk, bitterweed, fennel and others. Such weeds should be eliminated from pastures, especially along fence rows.

Cow odors and flavors sometimes develop when the cows have ketosis or when the barn air becomes foul. If there is evidence of ketosis, all milk from the infected cow should be eliminated from the market supply. Barn ventilation systems are helpful in controlling foul odors in the dairy stable.

If a salty flavor develops, it can usually be traced to a cow being milked late in her lactation or with an infected udder, all such milk should be eliminated from the market supply.

Unclean or sour, stale or putrid flavors develop as the result of bacterial contamination and can be eliminated by practicing strict sanitation programs in and around the milking and milk storing quarters. Proper cooling and storing of milk will also help control bacterial growth.

Bitter flavors in milk can be caused by a number of factors. Certain weeds or certain feeds, foreign matter in the feeds and certain kinds of bacterial action can cause bitterness. To eliminate bitter flavors keep foreign matter and weeds out of the diet of dairy cows, cool milk properly and practice sanitation. Cows should not be milked too late in the lactation.

Some cows tend to give flat and watery milk with low lactose and solid content and a high chloride content, such cows should be eliminated from the herd.

Agitation of the milk will sometime cause a rancid flavor to develop. Milking of strippers will sometimes produce a rancid flavor in milk also.

Unfortunately some dairymen are not careful enough in the handling of chemicals around the milk supply. Such farm chemicals as insecticide, sanitizing agents, weed sprays, medicines, disinfectants, and other odorous materials have no place in the milk supply. If it becomes necessary to use such materials around the dairy barn, extreme caution should be taken to see that none of the material gets into the milk supply. If it becomes necessary to use such materials around the dairy barn, extreme caution should be taken to see that none of the material gets into the milk, and such chemicals should never be stored in the dairy

barn or milk house. The dairy barn should be well ventilated after the use of such odorous materials.

A poster, showing flavors, causes and solutions, is available from the office of the county agent.

NEW COASTER FOR RUGS

A plastic disc with many blunt-ended needles will help to prevent dents in rugs from furniture feet, reminds Dorothy O'Donnell, Penn State extension home furnishings specialist. The needles sink into the rug pile, and the weight of the furniture is distributed on the needle points. This holds the furniture feet off the rug itself to prevent crushing.

Baby Beef Club Hears Tom King On Management

By: Virginia Wivell,

The Lancaster Co. Baby Beef and Lamb club met recently at the John Neff School in Neffsville.

Members answered roll call by giving a report on their baby beef or lamb.

For the program Joyce Nelt recited a monologue and Julianne Erb sang two solos.

Tom King, extension livestock specialist from Penn State and well known in this area, was speaker of the evening. His talk was on baby beef care and management. He stated the three important factors in tending a beef are feeding, breeding and management.

Since we, the 4-H members do not have anything to do with the breeding, we can't do anything about how good the breeding of our

steer is to be. However, our county agent and club leaders select the calves for us and we draw lots hoping for an outstanding calf.

King said feeding should be done at a regular time each day and care should be taken to see that the steer gets the right kind of feed. He concluded by saying to have a champion you need a steer with good breeding and then feed it carefully and have a desire to work

with your steer.

The next meeting of the club is scheduled for May 3, at 8 p.m.

Family insurance needs change from time to time. That's why it's important to check the kinds and amounts of insurance to meet these changing needs, points out Sanna Black, Penn State extension home management specialist.

HERR'S BULK BIN SERVICE

Builders of Feed and Grain Bins

ALL SIZES TO FIT EVERY NEED

GORDONVILLE, PA.

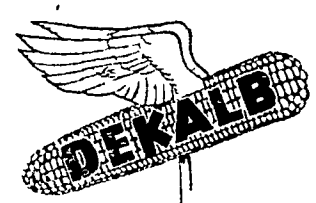
Ph. SO 8-3931

STOP SEED STEALERS



with ORTHO BIRD REPELLENT and Seed Protectant

— DISTRIBUTED BY —



P. L. Rohrer & Bro. Inc.
SMOKETOWN
Ph. Lancaster EX 7-3539



A. H. Hoffman Seeds Inc.
LANDISVILLE Ph. TW 8-3421



Pfister Associated Growers

R.D. 3, LANCASTER Ph. TW 8-7121

J. C. Ehrlich Chemical Co., Inc.

736 E. CHESTNUT ST., LANCASTER Ph. EX 7-3721

ORTHO Bird Repellent & Seed Protectant not only saves seed from birds, but also protects against soil insects and diseases. When you plant with ORTHO Bird Repellent & Seed Protectant you get more than just protection from corn and grain-pulling birds. ORTHO Bird Repellent & Seed Protectant contains superior ORTHO Aldrin to guard against soil insects, and ORTHOCIDE (captan)—world's best fighter of fungus diseases—so you get protection against all three. If you'd like better stands than you've ever had before, try ORTHO Bird Repellent & Seed Protectant. The economical 10-ounce can treats 5 to 7 acres, costs only \$1.19 at any ORTHO Dealer's.



ORTHO Bird Repellent & Seed Protectant gives 3-way protection: Birds—blackbirds, crows, bobolinks, jackdaws, pheasants, larks. Insects—wireworms, corn seed maggots, southern corn rootworm and certain other soil insects. Diseases—seedling blight, damp-off, seed decay.



HELPING THE WORLD GROW BETTER