



# OPINION

## Country-Wide Milk Market

Transportation of milk from one federal order to another, even across the country from Wisconsin to Pennsylvania or Maryland will be easier and less expensive if this new product is produced commercially. A new USDA researched frozen milk concentrate combines reconstituted milk with the texture of whole milk but with the low cholesterol content of skim milk. And the frozen milk tastes great.

Even if cholesterol isn't a concern, consider the convenience of reaching into your freezer to make up a quart of milk when your cake mix falls a cup shy. And although the concentrate must be kept frozen in storage, it occupies only about one fourth the storage area and has only about one-fourth the weight of fluid milk, and could be shipped from the mid-west for about 12.5 cents per gallon.

The milk concentrate is the brain-child of George Bookwalter and Steven Lyle of the Agricultural Research Service. They got the idea while working on a formulation to provide fluid milk for victims of the Chernobyl nuclear accident.

An 8-ounce serving of reconstituted milk from concentrate contains just 4 milligrams of cholesterol compared with 33 milligrams found in whole milk. Skim milk and the new milk beverage have the same cholesterol level.

Composition of the frozen milk is variable. Current formulations are adjusted so the reconstituted milk product contains a minimum of 8.25 percent milk solids and up to 2 percent vegetable oil.

Past attempts at a frozen concentrate resulted in difficulties in reconstituting the butterfat of milk. But by combining nonfat dry milk with a critical level of water, then blending cholesterol-free oil, such as soybean, corn, or peanut oil, overcomes the need for emulsifiers and homogenizers.

Several companies are interested in commercializing the frozen milk technology now patented by ARS. And with this new product the milk marketing area from dairy farmers in any given location becomes the whole country.

Who knows? In the not too distant future, for milk promotion check-off dollars to follow the milk to market, the Pennsylvania milk promotion groups may need to advertise in San Francisco.



**NOW IS THE TIME**

By Jay Irwin  
Lancaster County  
Agricultural Agent

### To Be Alert For Corn Pests

We are into excellent corn growing weather and we are also into the season for cutworm damage and this includes the black cutworm. Just a reminder to keep a close check on all corn fields for the next few weeks. Damage symptoms will be plants cut off just above the ground level. The culprit will be hiding in the soil a few inches from the cut plant. We suggest a rescue treatment if 2-3% of the plants are cut and you can find more than 5 larvae in 100 plants. Remember the black cutworm is the one with the granular skin. The control materials listed in the 1989-90 Agronomy Guide include Sevin, or Lorsban, or Pydrin, or Ambush, or Penncap, or Dylox. Be sure to follow all label directions.

### To Be Aware Of Fly Build-Up

There is considerable increase in fly population in many of our operations this spring. Keep in mind that one of the best ways to prevent fly problems is to eliminate fly breeding opportunities. Flies are almost impossible to control with the use of chemicals only. However, chemicals are helpful if combined with other management practices. To help prevent flies from breeding, clean-up accumulations of manure and spilled feed along feed bunks and a the edge of feed lots. Design lots and alleys so they can be scraped thoroughly and frequently. When

ciation Annual Show, Randolph Fairgrounds, Randolph, Ohio, thru June 10.

### Sunday, June 10

Northeast Ohio Dairy Goat Association Annual Show, Randolph Fairgrounds, Randolph, Ohio.

### Monday, June 11

### Tuesday, June 12

### Wednesday, June 13

Cumberland Cooperative Sheep and Wool Growers Wool Pool, Carlisle Fairgrounds.

### Thursday, June 14

Flag Day  
Adams Co. Forage Field Day, Eisenhower Farm, 8:00 a.m.

manure is hauled to the field, incorporate it before flies have a chance to hatch.

Your fly control program should integrate several different control techniques and insecticides, if you are going to be successful. Flies will become resistant to a particular insecticide if exposed to the same material several times in succession. For best results, use a wide variety of insecticide formulations (space sprays, mist sprays, baits, residual sprays, etc.) and different classes of insecticides.

Always follow label directions when using any pesticide.

### To Practice Bio-Security

Livestock and poultry diseases continue to be a threat to farmers. I still feel that in too many cases the farmer brings the infection home to his own animals and poultry. Are you careful about the footwear worn when attending the public stockyards or sales barns? Most of these places are an outlet for animals with some infection;

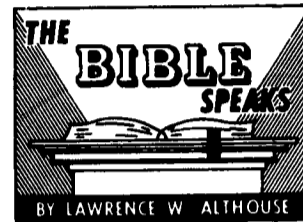
the chances of picking up these organisms on your boots or shoes are great. Even though the public places are often disinfected, there still is a danger of infection.

We urge farmers to be very careful with their sanitary habits. The same is true when using public trucks to transport animals; be sure they are clean and well disinfected. Don't be guilty of bringing home infection to your own animals.

### To Clip Pastures

Mowing permanent pastures at this time of year is a very good idea. Many of the plants will be heading out and some will go to seed; this means that the plants should be mowed. This practice will help control weeds and encourage new growth of grass.

Livestock will consume the dry clippings. Pastures should be clipped several times during the season. In addition, the clipped area will look much better to the general public as they travel through the county.



**WHAT DO THEY SAY ABOUT YOU?**  
May 27, 1990

John 6). Gaius is commended because he lives the truth of the gospel in a way that is obvious to others. "Beloved, it is a loyal thing you do when you render any service to the brethren, especially to strangers, who have testified to your love before the church" (3 John 5). Gaius is loyal to what the writer of the epistle has taught him.

I'm not sure we make enough of this in the churches today. When I think of those whom we honor, it occurs to me that we usually commend most highly those who spend much of their time and talents working on church boards, committees and agencies. I'm not suggesting for a minute that we should not honor these contributions, but simply question whether we shouldn't recognize even more those who, like Gaius, are outstanding in their "service to the brethren, especially to strangers..."

### ESPECIALLY STRANGERS

In one of my previous congregations there was a man who held many offices in the church and was certainly reckoned as one of our top congregational leaders. Above that, he was a man of loyalty, one upon whom you could always count, regardless of how small or menial the task might be. But even more than that, he was a man who rendered service to others, including and especially strangers. I remember and honor him for these, much more than for the offices he held.

Nineteen hundred years after he lived and died, Gaius is still remembered and honored for his loyalty in rendering "service to the brethren, especially to strangers." That's what they said about him. Is there any higher honor than that?

And what do they say about you?

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## Farm Calendar

### Saturday, May 26

### Sunday, May 27

NW Keystone Jr. Beef Classic, Crawford Co. Fairgrounds, Meadville.

### Monday, May 28

### Memorial Day

### Friday, June 1

Bradford Co. Dairy Festival, Athens, Pa., 7:00 p.m., thru June 2.

### Saturday, June 2

Cecil Co. Farm Show, Western, Fairhill Grounds, 9:00 a.m.

Washington Co. Sheep & Wool Field Day, Washington Fairgrounds, 8:00 a.m., thru June 3.

Bradford Co. Dairy Festival, Athens, Pa.

### Sunday, June 3

Washington Co. Sheep & Wool Field Day, Washington Fairgrounds, 11:00 a.m.

### Monday, June 4

### Tuesday, June 5

Lancaster Co. Plant Disease Clinic, Lancaster Farm and Home Center, 7:00 p.m.-8:00 p.m.

### Wednesday, June 6

Pa. Rabbit Conference, June 6-9, Montgomery Co. Creamery (Penn State Extension), (215) 489-4315.

Berks Co. 4-H Center Get-Acquainted Program, 4-H Center, 7:00 p.m.

### Thursday, June 7

### Friday, June 8

Delmarva Chicken Festival and Cooking Contest, Easton, Md., thru June 9.

### Saturday, June 9

Delmarva Chicken Festival and Cooking Contest, Easton, Md.

Northeast Ohio Dairy Goat Association

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