

TRY A CLASSIFIED AD
PHONE 626-2191 or 394-3047

PUBLIC SALE

FARM MACHINERY and TOOLS

WEDNESDAY, MARCH 20, 1974

At 10:30 A.M.

Located along Rt. 24 about 4½ miles South of Stewartstown, York Co., Pa.

Massey Ferguson No. 50 tractor w-power-trol & in good cond.; M.F. 2-16" bottom 3 pt. plow; M.F. 3 pt. 2 row cultivators; M.F. 3 pt. 2 row corn planter w-fertilizer attach.; Ontario 12 hoe power lift grain drill; Int. single row corn picker; New Holland 20 ft. hay & grain elevator; New Holland bin wagon; 3 pt. No. 12A John Deere 7 ft. mower; 3 pt. 6 ft. Woods rotary mower; 3 pt. rear blade; Sauder snow plow; 3 pt. field weed sprayer; 3 pt. 8 ft. spring tooth harrow; 7 ft. disc harrow; 7 ft. single cultipacker; 4 sec. spring tooth lever harrow; 12 volt elec. cyclone tractor seeder; 10 ft. drag elevator; ¼, ½, & ¾ electric motors; anvil; bellows; lots of tools & misc. items off the wagon; 10 gal. milk cans; feed trough; & many items too numerous to mention.

Terms: Cash

Mr. & Mrs. Reed Ebaugh

R.D.1

Stewartstown, Pa.

Robert L. Sechrist, Auctioneer Ph. 382-4379

John H. Anderson, Clerk

Not Responsible for Accidents

LARGE DISPERSAL SALE

SATURDAY, MARCH 23, 1974

Starting at 11:00 A.M. PROMPT

DAIRY HERD

FARM EQUIPMENT, TRUCK,
FEEDS, HOUSEHOLD, Etc.

Due to the undersigned, having sold his farm, will have Public SALE on the premises, located in Adams Co., off new 15 or old 15 at Heidersburg, Pa., go East about 1 mile on Route 234, then turn South New Chester Road, go 2½ miles, North of Sharrer's Mill, "SALE" Signs posted, the following:

47 HIGH-GRADE HOLSTEINS, 2 ANGUS BULLS
CERTIFIED — ACCREDITED
30-DAY HEALTH TESTS

34 cows, which 21 are first- & second-calf heifers, about half were recently fresh and close springers, others due in various stages; 2 heifers due by day of Sale; 9 heifers bred January & February; 2 heifers 7-mo. to 9-mo. old.

NOTE: Herd with size, type, good udders & young, ready to work.

2 Angus bulls — 500-lbs. to 900-lbs.; 3 Surge milker units — 1 50-lb.; 85-lb. milk cans.

5 TRACTORS 5

David Brown 990 Diesel, fully equip; 4-bottom 14" plow, 3-pt.; Case 530 Diesel; 1 set of cultivators and 3-bottom 14" plow, 3-pt.; Ford 801 Diesel w-Ford front-end loader; V.A.C. Case w-cultivators; Farmall "A" which has automatic tomato or tobacco trans-planter; Hesston PT10 Haybine; Gehl 300 harvester w-corn & grass head; New Holland S69 baler; Massey Harris 4-bar side rake on rubber; Lanco 7-ton forage wagon; Gehl forage wagon; Papec flail chopper; Case 15" portable hammer mill; Case mixer-blender; JD 246 2-row corn planter, 3-pt.; Oliver 12-7 disc grain drill; 3-sect. spring-tooth harrow, 3-pt. pick-up harrow; Case 9" sprocket packer; Case 2-sect. rotary hoe; Hemmil rear cult., 3-pt.; Ford subsoiler, 3-pt.; Smoker 30-ft. elevator w-motor; M M SK Super 2-row picker; International Harvester 1-row corn picker, pull-type; IH 76 combine, pull-type; New Idea flail spreader; Oliver spreader; David Bradley 7-ton rubber-tire wagon w-flat; trail field sprayer; JD 207 Roto Cutter; 1-row potato digger; Cannon corn sheller; 40' extension ladder; garden tiller; power garden cultivator; small farm tools.

TRUCK

1966 Dodge 200 pick-up ¾-ton w-racks

FEEDS

400 bu. of ear corn; 75 bu. of wheat; 75 tons of corn silage; 2,000 bales of mixed hay; 200 bales of straw; many articles not mentioned.

LUNCH AT SALE

NOT RESPONSIBLE FOR ACCIDENTS

Norman Zimmerman,

Owner

R.D.2

New Oxford, Pa.

Phone 624-8554

CLAIR R. SLAYBAUGH, Auctioneer

IDAVILLE, PA., Phone 677-7479

JACOBS, Clerk

Whey Made Into Animal Lick Blocks

Animals may "lick" the problem of what to do with excess whey, according to U. S. Department of Agriculture (USDA) scientists. Whey, a liquid byproduct of cheesemaking, has many uses in foods and feeds, but the supply is greater than the demand.

Scientists of USDA's Agricultural Research Service (ARS) have now developed a method of making whey into lick blocks, similar to salt blocks. Calves placed on these blocks have used them to replace 20 to 25 percent of their normal feed ration.

ARS scientists had shown earlier that proteins can be removed from whey through a process known as ultrafiltration, originally developed for the

desalination of sea water. The whey is pumped through membranes that hold back most of the proteins. The permeate (the liquid that passes through the membranes) contains lactose, salts, nonprotein nitrogen, vitamins and some protein residue.

This permeate has a high potential for pollution, and thus cannot be safely disposed of in streams. Drying or otherwise treating it would be prohibitively expensive, so that ultrafiltration alone is not the full answer to the disposal of excess whey.

To take full advantage of the nutritional value of the whey permeate, the ARS scientists have developed lick blocks as an animal feed supplement.

A method of making the blocks was worked out by Robert E. Hargrove, Frank E. McDonough and Dr. John A. Alford, research chemists at the ARS Nutrition Institute in Beltsville. They pasteurize whey that has been deproteinized by ultrafiltration, evaporate it, then pour it into cheese molds for crystallization of the lactose and solidification. The equipment needed for this process is either on hand in cheese plants or readily obtainable.

In the course of the evaporation, nitrogen can be supplied in the form of ammonia or urea. If the blocks are made from cottage cheese whey, the ammonia will have the additional advantage of neutralizing the high acidity. Other ingredients to further enhance the nutritional qualities of the lick blocks—such as minerals and animal or vegetable protein—can be introduced during evaporation. Flavoring materials, such as molasses, can be added to increase the blocks' palatability to the animals.

Experimental lick blocks were placed in the stalls of calves feeding on a low-protein pelletized ration. Given the option of supplementing their diet with lick blocks, the calves each consumed a 45-pound block in one to two weeks, depending on the type of block. Those that were neutralized with ammonia disappeared twice as fast as the acid blocks.

ARS animal nutritionist G. Paul Lynch, using calves from the Beltsville herd, kept records on the intake and weight gains of the animals. Blood amino acid tests were made at the

beginning and end of the 6- to 8-week trials. Calves on the lick blocks were at least as healthy as those kept on the same feed but without the lick blocks. The animals showed no signs of scours or bloat.

The lick block is only one form in which the permeate from whey treated by ultrafiltration can be used as animal feed. After evaporation and solidification it can be crushed and dry blended with other feed, or it can be pelleted. This development may provide cheesemakers with a useful, perhaps profitable, outlet for their excess whey.

DISPERSAL PUBLIC SALE

FRIDAY, MARCH 22, 1974

Starting Time 9:00 A.M.

To be held 5 miles West of Lewisburg, Union County, along Rt. 45 at Vicksburg, at the David Byler Farm. Having sold my farm I will sell

FARM MACHINERY

(In excellent condition)

Ford 4000 Diesel Tractor with power steering; Ford 800 gas tractor; Sauder manure loader; Super C Farmall tractor with cultivator; I-H 2-row mounted corn planter for Super C; J. D. 15-7 single disc grain drill; J. D. No. 30 combine with P.T.O. drive and bin; N. I. No. 323 one-row corn picker; N. H. 467 Haybine (7 ft. cut); J. D. No. 24 T. Baler with No. 2 kicker; 8 x 16 bale wagon on J. D. gear; 8 x 16 Bale wagon on heavy duty I-H gear; 2 gravity grain boxes, with wide track wagons; Feeder rack wagon; 32 ft. Zimmerman bale and grain elevator with motor and grain head; J. D. No. 15 crop chopper; 6 ft. Woods rotary cutter (3 p. t.); N. H. 616 Forage Harvester with new cylinder, corn head and pickup; Grove self unloading forage wagon; N. H. No. 23 Blower with pipe; Silage distributor; 8-row 3 p. t. Field Sprayer with 8-roller pump, 110 Fiberglass Tank; J. D. No. 33 Manure Spreader; N. H. 345 Tank Spreader; J. D. No. 640 Rota bar Hay Rake with rubber mounted teeth; 3-16 Oliver 3 p. t. Plow with spring trip; Cover Boards; 2-16 J. D. 3 p. t. Plow with gauge wheel; I-H Subsoiler on wheels; 10 ft. Dunham Lehr Cultimulcher (used 1 season); 10 ft. Cultipacker with 18 in. packer wheels; 9 ft. 6 in. I-H transport disc harrow; 12 ft. Pittsburg Spring Tooth Harrow; 10 ft. N. I. Lime Drill; I-H corn sheller; Grove No. 800 Industrial 3 p. t. 8 ft. blade (new); J. D. 6 ft. Blade; Platform Scales; 40 ft. 6 in. Belt; 12 bales Baler Twine; Hydraulic Cylinder; 2 metal feed carts with rubber tires; Shovels, Forks, 55 gal. Metal Drums; used Metal Roofing; misc. Lumber; Plus some items to be sold from wagon.

POWER TOOLS

4 in. Jointer with motor; 10" Power Kraft Table Saw with Extension Table on stand; 20 gauge Bolt Action Shot Gun.

HAY — STRAW — EAR CORN — OATS
4 SHOATS Wt. Appro. 125 — 4-Hole HOG FEEDER
ONE PONY

REGISTERED and HI-GRADE HOLSTEIN DAIRY CATTLE

This is a fine herd of mostly Fall Freshening with several recently fresh. These animals have good size, real dairy character showing the kind of production today's farms need. Owner sampler D. H. I. A. records will be given. The herd consists of 27 Milk Cows, 3 Bred Heifers, 5 Heifers, Breeding age, 7 Heifers 2 mo. to 6 mo.; 1 Yearling Registered Holstein Stock Bull — Zi-We Lucky sired by Typeblazer.

DAIRY EQUIPMENT

Surge Alamo Vacuum Pump with 1.65 H. P. motor; 3-50 lb. Surge Milker Units; Milk Transfer Station with Bender Washer and Dryer; Stainless Steel Strainer, 14 Milk Cans, International Electric Cow Trainer, Double Stainless Steel Wash Vat.

HOUSEHOLD ITEMS

Dining room suite; odd lot straight back chairs; rocking chair; wooden crib, dressers; 3 x 8 picnic or butcher table; antique 2-hd wood box. Plus other items.

Terms Cash

Lunch Stand

Owner or Auctioneer will not be responsible in case of accidents.

Mr. and Mrs. David W. Byler

OWNERS

EASH & HESS, Auctioneers

Vicksburg, Pa.

Lancaster Farming, Saturday, Mar. 16, 1974—51



A MILKMOVER SYSTEM

gets you out of the barn sooner—with more money in your pocket! It saves your lugging heavy pails of milk from barn to cooler

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PUBLIC SALE

DAIRY HERD DISPERSAL
MONDAY, MARCH 25, 1974

11 A.M.

SITUATED IN MILLCREEK TOWNSHIP, LEBANON COUNTY, PA. ALONG ROUTE 419, 1½ MILES WEST OF NEWMANSTOWN, ¾ MILES NORTHEAST OF SCHAEFFERTOWN AND ROUTE 501.

128 - HEAD HIGH-GRADE
HOLSTEINS - 128

Health Charts - Pregnancy Examined

Herd consists of 125 head milk cows. 45 fresh or close springers Balance in various stages of lactation 3 herd sires, weighing 1300 - 1500 pounds.

This is a home-bred herd All animals raised on this farm. You'll find King Pin and Ivanhoe daughters. Also sires represented by Curtiss, NEBA and South Eastern.

Auctioneer's Note: You'll like what you see here. Good udders with production Don't miss this sale

Feed - 120 Tons Corn Ensilage,
15 Tons Ear Corn

8 Tons Mixed Hay, 8 Tons Straw
SALE TO COMMENCE AT: 11:00 A.M.
SALE IN HEATED TENT

CONDITIONS BY:

ROBERT R. BALSBAUGH, Owner

Earl S. Buffenmeyer, Auctioneer

Brandt, Clerk

Refreshments by Farm Women's Group No 9