

This dairy recycles waste back to the cows

FRIENDSHIP, N.Y. — Friendship Dairies is the New York metro area's number one producer of cottage cheese. As such, between 500,000 and 800,000 pounds of milk flow through the company's dairy each day.

Until two year's ago, many tens of thousands of pounds of whey also flowed out of the dairy as a waste by-product of its cheese-making operations. No longer.

Friendship's high lactose and fat content whey is now being put to a better, more profitable use: an economical, easily transportable, highly nutritious powdered animal feed supplement.

Says Martin Schanback, Friendship Dairies president and a dairyman his entire life, "The process we use in our Friendship, New York plant is the only one of its kind in the United States. Not only in the lipid dehydration process unique, but so is the concept.

"It's a full cycle - taking a product from cattle milk, processing it for people, taking the whey by-product, re-processing it and taking it back to the cattle."

"I think it's very exciting. It's also more economical for those in the cattle business than using non-fat dry milk or sweet liquid whey."

The complicated mechanical apparatus for reducing the liquid whey to its powdered high fat and lactose form was developed for Friendship by the Dehydrotech Company of New Jersey and stands five-stories tall against the background of forests and rolling foothills of the Allegheny Mountains.

The whey to be powdered is skimmed from the many cheese vats in the Friendship plant. It's brought to enormous tanks and mixed with soybean oil where it's heated under a vacuum which suspends the particles of whey. From there, the whey-oil-moisture mixture is pumped up through the five-story evaporating tower.

The oil and moisture are removed leaving only particular whey whose density is similar to that of spray-dried milk powder.

The powdered whey, egg shell to light tan in color, is then run through a drier box to remove excess moisture.

From there it goes into a large mixer, where it's combined with the rest of the day's powdered whey, to produce mixture uniform in color and oil content.

"The final mixing is essential," says Schanback, "because during the course of a day's centrifuging dehydrating process the whey becomes

progressively lighter due to lowered oil content."

From the mixers, the final product is packaged in 100-pound, multi-wall, poly-lined bags and readied for shipment

The powdered whey is immediately soluble and has excellent keeping properties. Clean and good taste, a typical analysis of the product includes an acid degree value of 1.04 and reconstituted

moisture; 1.9 percent potassium; 1.4 percent calcium; and 0.65 percent sodium.

A detailed analysis of

(Turn to Page E11)

LEATHER & HARNESS SHOP EQUIPMENT, METAL LATHE, TOWMOTOR FORKLIFT, HAND TOOLS, WOODWORKING MACHINERY MANUAL & BELT DRIVEN

SATURDAY, MARCH 28

9:30 A.M.

Located at 103 Jackson St., one block South of McGovern Ave. off North Prince St., Lancaster, Pa. or approx. 2 miles south of Rt. 30 along Fruitville Pike or 222 South, just over R.R. bridge. Watch for signs.

• KENSOL-OLSENMARK hot stamping machine, air & electric, automatic with electric eyes Model K 16T like new; UNITED shoe & machine; IDEAL clicking die cutter press, floor model, electric driven, reconditioned & spare parts plus extra dies; J.D. RANDALL harness sewing machine, H.D. motor, stand, hot wax feed; DELUXE CON-SEW patching machine reconditioned model D1-4, new motor, stand, & spare clutches; SINGER patching machine, manual or motor driven on stand, WESTON side skiver; KATZ & BLAKEMORE - Phula. regular skiver or angle; TUBLAR pedal operated automatic fed riveter, HENRY PARSONS foot pedal operated die cutter; L.S. GRAVES pedal operated 48 in. cutter; RANDALL STRAP punch pedal operated belt driven; KRATZ & BLAKEMORE 6 in. splitter, belt driven; WESTON leverage press 24 in. hand operated; 12 ft. drive line 2 in. shaft with 4 pulleys; SOUTH BEND metal lathe, 4 ft. bed with 1 1/2 H.P. motor, H.D. WALKER TURNER table saw single phase; 4 ft. SYRACUSE safe; pedal operated 30 in. cutter dated 1895; large & small screw type presses from 2 ft. down in size; 3 in. foot pedal operated cutter; Electric bench bandsander; H.D. DELTA floor model drill press, ATLAS floor model drill press; WALKER TURNER band saw floor model 14" throat; WALKER TURNER disc & belt sander combination; Electric grinders; CENTER 1 H.P. electric buffer; SPRUNGER bench model band saw; 3 COLUMBIA H.D. vises; 2 H.P. motor; Oak counter; Bag wagon; laces; leather belting; buckles; snaps; linen thread; AMANA time clock; SIMPLEX time clock; VICTOR electric adding machine; office desks & chairs; scrap leather; hand tools; electric tools; belt dressing; thinner; work tables; hand cutters; punch; book presses; Consew patch machine w/table; die cutters; strip cutters; punches, sewing machines, hot stamp machine, splitters, tow motor, extended 15' lift, 5,000 lb capacity fork lift - LP or Propane or Gas, balloon tires, only 800 hrs., excellent condition; plus more.

PLUS: OFFICE EQUIPMENT, HAND TOOLS, KNIVES, LARGE ASSORTMENT OF LEATHER PLUS MORE!!!

14 FT. RUBBER TIRE
8,000 LB. CAPACITY
FARM WAGON — LIKE NEW

TERMS: • Cash, No Out of State Checks.

• All sales are as-is, where-is, without any guarantees or warranties expressed or implied by auctioneer.

• Some items subject to sale by owners confirmation.

• Announcements, corrections, addition or deletions day of auction take precedence over all previous advertising

• Not responsible for accidents day of auction.

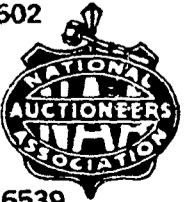
This is a liquidation of surplus inventory and machinery. LUNCH AVAILABLE.

OWNER:

JASON'S LEATHER CRAFT

103 Jackson Street
Lancaster, PA 17602

Ronald D. Funk & Associates
Gordon Ressler, Jeff Knosp
Auctioneers & Appraisers
R.D. #2 Vintage Road
Paradise, PA 17562
Phone: 717-442-4279 or 687-6539
687-7402



COMPLETE DISPERSAL CATTLE & MACHINERY WITTE FAMILY FARM MUNNSVILLE, N.Y.

FRIDAY, MARCH 27, 1981

11:00 A.M.

Having sold the farm and moving to Vermont, we have been commissioned to sell the cattle and machinery at the farm located on Brown Road. Take Route 46 to Munnsville 4 corners - at 4 corners turn onto Williams Road to Brown Road and then 1 mile to farm. Watch for auction arrows.

95 HI-GRADE CATTLE 95

This herd has a DHIA rolling herd average of 15,264 of milk. One cow at 4 yrs.-8 mos. has a projection of 25,105 milk in 305 days. There are 8 cows with over 20,000 lbs. milk and 3 over 18,000 lbs. milk. This dairy is all grade but (4) Registered cows - (2) full sisters by Apache, (1) by Paclamar Capsule and her daughter by Amigo. The dairy is a good young dairy in the following lactations - (10) fresh cows (12) handling & springing close (8) due June & July (10) bred for fall calving, balance in various stages of lactation. Plus (20) yearling to breeding age heifers, some already bred, (14) started heifer calves to 6 mos. of age, real nice. Charles has used the top sires in the Eastern breeding and has got some very good results in this dairy. All cattle will be vet examined for pregnancy, plus shipping fever shots and Blood & TB tested ready for immediate interstate shipment day of sale.

MACHINERY

AC #185 Diesel tractor; AC D-17 gas tractor, all new rubber; AC D-15 gas tractor; AC WD tractor:

SPECIAL

AC Cat #1 w/hyd. tilt blade (gas) - in good condition

AC 4 btm. hyd. reset plow (good condition); AC 3 btm. hyd. reset plow; AC 2 btm. plow; AC transport disc 16"; AC #904 haybine in new condition; AC #444 baler w/belt kicker in excellent condition; AC side mount mower-fits D-15 tractor; AC field chopper w/1 row corn head, AC hopper blower just like new condition; AC belt blower w/gas engine.

SPECIAL

Oliver #840 self propelled chopper w/cab w/Hercules D4800 diesel engine. Selling separately: Fox direct cut head attachment; Fox 2 row 36" corn head.

Int. #400 Cyclo 4 row corn planter - excellent condition; Int. #401 4 section 16 ft. drag; Int. rock picker; NI mounted 2 row corn planter - fits onto D-17 tractor; NI rake; NI 40 ft. hay & grain elevator w/PTO or electric motor; NI bush hog; NI trailer type mower; NI lime & fertilizer sower; NI #134 spreader w/hyd. tail gate; NI snow bucket; Brillion hyd. transport Cultipacker; Fahr tedder; (2) Lamco self-unloading boxes on electric wheel gear; (1) Grove self-unloading box-all rebuilt; (1) Kilbro grain box; (4) kicker wagons; JD-FBB 15 hole hyd. grain drill w/grain seeder attachment; Agway 4 row field sprayer; Sno-Co 24 ft. skeleton elevator; Riteway wood stove.

VEHICLES

1974 6 cylinder gas half-ton truck - good condition; 1959 GMC truck, as is.

(3) sets double ring tractor chains; 2 wheel farm trailer; (6) baler twine; vise; (2) Endless belts, Dumprake; used tires; plus more misc. items.

MANAGERS NOTE: This is a good young Eastern bred dairy with DHIA records. Charles has the machinery in the very best of condition already to go to work in the fields anyday. Inspections welcome anytime, keep this date open for a good top sale.

TERMS: Cash or good checks - ID required. Lunch available.

OWNERS -

WITTE FAMILY FARM

Phone 315-495-6569

Jack Wood's Livestock & Auction Service
Sales Managers
Cincinnati, N.Y. 13040
Phone 607-863-4141

SEIDOF'S ANNUAL CONSIGNMENT AUCTION

SATURDAY, MARCH 28

11 A.M.

Consignments wanted - Farm machinery, contractors equipment, lawn & garden equipment, etc.

For more information phone 717-992-4611.

Dick & Dan Seidof
Auctioneers
Sciota, Pa.

SONG MEADOW MILKING HERD & BRED HEIFER DISPERSAL

Bill & Sue Wright, Preble, NY

WEDNESDAY, MARCH 25

11:00 A.M.

Sale to be held on the farm in the village of Preble, from I-81 take exit 13, turn south on Rt. 281 then east in Preble on Preble Rd., 1/2 mile to farm. Watch for Auction arrows.

75 Registered Holsteins 75

Consider these credentials: Production January 1981 RHA 17,527M 3.5% 615F, 7 cows over 22,000M, 15 over 20,000M, 25 over 18,000M. Classification: on January 22, 1981 3 EX (1 3E 91 1 2E 91, 1 90) 20 VG, G+ for unofficial BAA of 104.7%. Show winners: Selling the 1st 3 yr. old and reserve Grand Champion from the Cortland Black and White Show, Cortland Co. Fair, Cortland, NY. 1st Produce of dam and reserve Jr Champion from 1980 Cortland Black & White Show top sires. Selling 5 by Round Oak Rag Apple Elevation, 4 by Pawnee Farm Arlinda Chief, 3 by Paclamar Bootmaker, 2 by Wapa Arlinda Conductor, 2 by Wayne Spring Fond Apollo, 2 by TO Kit Bulder, 1 by Hanover Hill Triple Threat Red, 1 by Paclamar Astronaut and 1 by Sunnyside Standout. Service sires are from the top of everybody's list and include Glen Valley Star, Lawrest Marvex - Twin, Marsh Field Elevation Tony, Wauq-a-way Fond Reliance. TO Kit Bulder, Locust Glen Ivanhoe Elevation, Cedar Grove Golden Nugget, Hanover Hill Triple Threat Red, Chapel Bank Apache and Roy Brook Tempo cow families. 2 of the best are of the J family with 9 members selling and the L family with 5 selling, both are headed by EX 91 brood cows who are selling and include several outstanding cows.

Bid on these fine individuals: Song Meadow Elevation Linda (VG88 EX mammary at 3 yr.) 2-8 365d 22,265M 3.5 784F; 3-10 345d 22,354M 3 3 735F, fresh Jan. 20, 1981. Song Meadow Fond Jill (VG 87 EX mammary) 5-10 292d 16,954M 608F. Sells with 4 milking daughters bred to Glen Valley Star Jan. 8, 1981. Song Meadow Crusader Lassie (VG 86) 3-8 332D 20,151M 3.8 779F due May 20 to Glen Valley Star. She sells with a full sister that is GP 83 and made 3-8 305d 19,814M 3.6 717F. Song Meadow Kit Erica (GP 83 at 2 yr) 2-1 74d 3963M 3.9 156f incomplete. Her dam and granddam are both VG with over 20,000 lb. in 305d, bred to Marshfield Elevation Tony Jan. 3, 1981. Song Meadow Elevation Laura (VG at 3 yr.) 2-3 335d 19,116M 661F by Elevation and bootmaker dam that has over 1,000 lb. lifetime, due May 1 to Glen Valley Star.

Managers Note- this dairy represents years of breeding using only the top sires. For improving the herd and the results certainly show in this registered herd of cattle. It certainly will be one of the top registered cattle dispersal of the year 1981. All cattle will have had nasalogen spray, Lepto shots, vet. examined for pregnancy plus blood and TB tested ready for immediate interstate shipment day of sale. Inspection welcome anytime. Catalogs available at ringside or by calling the following numbers below

Terms: Cash or good checks, ID required. Lunch Available.

SONG MEADOW FARM

William & Sue Wright, Owners

607-749-4431 or 315-696-8749

Jack Wood's Livestock & Auction Service
Sales Managers
Cincinnati, NY 13040
607-863-4141