### Tailor Made Milk From The Cow Sought By University Researchers use the enabling bill to mark-vice-president Robert Hyman, ship in NAREB and the Na-

specific needs of the popula over the other. The change in some day be a reality, stud-bacteria and weaken others. ies indicate at the Agricultur

milk fat percentage and the sition of the milk composition of the fat Now researchers like Robert D McCarthy are working to Apple Growers learn whether they can influence the composition of milk in any particular direc-

'If such experiments are successful, cows could produce milk for ice cream for cheese-making, or for specific diets of children and adults," Dr McCarthy-states "While milk is nature's most perfect food, it must be processed for manutacturing and other uses"

Dr McCarthy and associates are experimenting with ple marketing act and enabcontrol of bacteria in the rumen, key to the development of tailor-made milk Millions of bacteria are found in the cow's rumen, the first of four stomachs These bacteria, and protoza, change the feed materials eaten by the cow into milk-making nutrients

"The rumen is a versatile fermentation vat, where bactena are influenced by the type of feed a cow eats," Dr When you McCarthy says change food materials some-

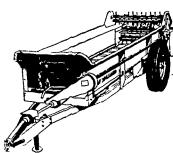


The Most Famous Name In Corn

### Pfister Associated Growers

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

Here's BIG News from your NEW HOLLAND DEALER



SEE IT NOW!

### THE BIGGEST CYCLON-ACTION SPREADER!

-New Holland's tractor-driven Model 475 Manure Spreader.

GIANT 175-BU. ASAE-RATED CAPACITY provides a scientifi-cally-proven and profitable way of fatilizing nearly an acre in one trip You save trips, time and fuel

Exclusive CYCLON-ACTION gives you high speed shredding and five, uniform spreading Heattreated paddles for extra toughness . . specially treated wood flooring . . primed steel sides . . . New Holland gives you the best com-

briation of steel and wood for miximum strength and longer life Convenient rope control puts you in charge of the whole opera-

ASK US ABOUT ALL THE ADVAN-TAGES OF A MODEL 475 SPREADER.

ton from your tractor seat

350 Strasburg Pike - Lanc R. D. 3, Lititz, Pa. Ph. Lanc. EX 7-5179 7 OV 7 102

Tailor made milk, meeting times you favor one bacteria

## To Assess Selves For Promotion

bushel harvest under the ap- counties

Bulk Spreading Service

Dealers for-FERTILIZER and LIMESTONE

SMUCKER BROS.

Bird-in-Hand Ph. Leola OL 6-2229 summer by Governor David two years are: President, years, specializes in farms, L. Lawrence. The apple pro-William M. Lott, Gardners land, and commercial and ducers are the first agricul- R1; 1st vice-president, Ray- industrial properties. In adtural group in the state to mond F. Reiter, Mars; 2nd dition to holding memberet their crop.

The resolution was adoptspecing needs of the popular over the other. The change in the darker growers voted Tueston directly from cows, may feed may strengthen certain ed after growers voted Tueston, was re-elected treasure. Estate Brokers and the Interday 82-15 favoring produc-"This changes the products tion assessments to provide er. al Experiment Station, the of fermentation, likewise funds for research, informa-Pennsylvania State Univer- changing the material avail tion and promotion of the able for milk production apple industry The referen-Experiments show it is Such chemical changes in nu-dum will be presented to possible to change a cow's trients will influence compo. Pennsylvania's 1,000 apple York Realtor Is growers before July 1, 1962, according to Arthur E Rice, National Officer Biglerville, chairman of the apple marketing committee of the association A commer- tor, 255 E Philadelphia St., cial apple grower has been York, Pa, was installed as defined as one having 200 regional vice-president for TAKE CARE OF PLANTS trees or more

> day resolved to assess their Coble, also from Adams Co, in Washington, D C apple crops to provide an es- and was the judges' choice of timated \$150,000 annually to contestants from Adams, promote the state's 8,000,000 York, Franklin and Berks

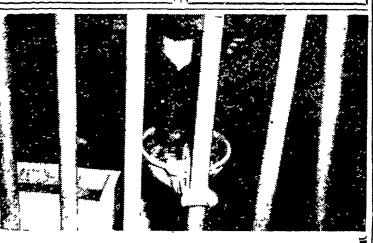
> > Officers elected to serve

MASTER FARMER RAT BAIT

& CATTLE LOUSE POWDER Both Guaranteed to do Their Job

ORGANIC PLANT FOOD CO.

GROFFTOWN ROAD PHONE EX 2-4963



## HELP YOUR CALVES GROW-FAST!

Feed them

Reo PRose CALF STARTER

This premium-quality, dry feed—fed straight from the bag—adequately meets the protein, fat, mineral and vitamin requirements of calves from the start of grain feeding through the growing period Calves will eat Red Rose Calf Starter at an early age for the coarse granular materials and choice ingredients in it make it highly palatable

RED ROSE CALF STARTER supplies highly digestible protein. In using distillers' solubles, dehydrated alfalfa, and mill feeds, an adequate level of water soluble vitamins is assured during the critical nutritional period for calves prior to the time the rumen begins to function

If you want to grow better, well-developed calves -feed Red Rose Calf Starter.

> Joseph M. Good & Son 137 Newport Road, Leola, Pa.

J. C. Walker & Son Inc.

Gap, Pa.

David B. Hurst Bowmansville, Pa.

Chas. E. Sauder & Sons

R. D. 2, East Earl, Pa.

Walter & Jackson A. L. Herr & Bro. Christiana, Pa. Quarryville, Pa.

I. B. Graybill & Son

Refton, Pa.

Wednesday afternoon.

Paul A L Niesley, Real-Pennsylvania, Maryland, Delaware, West Virginia, and The association Tuesday the District of Columbia of for Christmas you'll want to York, Pa, Feb 7—Penn- night chose Miss Joyce Rip- the National Institute of take good care of it and thus sylvania's fruit growers meet- ley, 18-year-old brunette from Farm Brokers during the an- prolong its life. For all the ing in York for the 103rd an- Aspers, Adams County, as the nual inaugural meeting of help you need consult the nual convention of the State 1962 State Apple Queen She the National Association of Pennsylvania State Univer-Horticultural Association to succeeds Miss Edna Jane Real Estate Boards recently day resolved to assess their Coble, also from Adams Co, in Washington D C sity circular 488 "Your Holiday resolved to assess their Coble, also from Adams Co, in Washington D C

of NAREB

ling legislation signed last the Association for the next in the real estate field for 12 Northbrook; secretary, Her-tional Institute of Farm Brobert Apple, Mt Pleasant kers, he is a member of the Mills. Earl W. Strite, Harris- National Institute of Real national Traders Club of the The convention adjourned NIREB-also an affiliate of NAREB.

Organized in 1944, the National Institute of Farm Brokers is composed of 1,525 Realtors throughout the country who are experts in buying or selling rural land, including farms, ranches, and grove property.

If Santa Claus delivered a potted plant to your home tained free at any county ag-The Institute is an affiliate ricultural extension office.

Mr Niesley, who has been Patronize our advertisers

### No Oiher Protein Need When You Feed



USE ONLY 1/3 LB. SPECIAL TANVILAC PER HEAD PER DAY WITH GRAIN AND ROUGHAGE - GET BIGGER PROFITS

FOR MORE PROFITS-MAIL COUPON THE TANVILAC COMPANY, INC.
6th & Corning Aves, Box 96, Highland
Park Station, Des-Moines 13, Iowa

Please Send Me Additional Informa-tion about Special Tanvilac.

Feeders Say . . . "The Most Economical Feeding Plan of All"

No trouble with scours or cattle going off feed. You'll be more than fatisfied with our feeding plogram for you'll get healthy stock, quick game at low cost Remember, there's a FLED LOT PROVEN TANVILAC CULTURE PRODUCT TOR EVERY FARM-FEEDING PURPOSE.



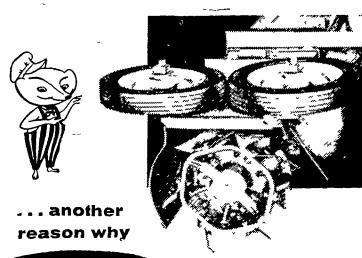
## C. O. NOLT

LOCAL DISTRIBUTOR

BIRD-IN-HAND

ADDRESS\_\_

Phone Lanc. EX 7-0751



## adger

SILO UNLOADERS

# IN FROZEN SILAGE

This is the heavy-duty frost cutter wheel that lets 2 Badger Silo Unloader shave frozen silage to within a quarter-inch of the silo wall. . . . It features sharpened steel knives - and you can remove the entire cutter quickly and easily any time you want to-re-sharpen them. . . . Here's another example of the rugged, dependable construction that makes Badger America's most popular.

CALL US TODAY

R. M. BRUBAKER -\_Salunga

RAYMOND GEHMAN Bowmansville

GRUMELLI FARM SERVICE R. D. #1 - Quarryville

JACOB F. BEILER

R. D. #1 - Kinzers

FARMERSVILLE EQUIPMENT CO., INC. R. D. #2 - Ephrata -

More Farmers Buy Badger Silo Unloaders Than Any Other