

Holstein

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When glucose sugar is converted to lactose (milk sugar) the blood sugar level drops. When this happens body fat is turned into energy and ketones are produced as a byproduct.

County agent Max Smith told dairymen the recommendation for control of alfalfa weevil will be about the same as last year. One pound of Dieldrin per acre should be applied in the fall during late October or November but not after the first of December. Either granules or spray may be used, he said, but not less than 50 pounds of 2% granules should be used because of difficulty of even coverage with smaller amounts of a more concentrated material. If spray is used, not less than 20 gallons per acre is recommended.

Smith said it does not now appear that Heptachlor will be released for use on forage crops next year.

Mrs. Robert Kauffman, of Manheim R1, won both the women's division and the overall top score in the judging contest during the morning. Mrs. Kauffman scored 149 points of a possible 150 for the three classes. Her nearest competitor was Paul B. Zimmerman of Ephrata R1, who won the men's division with 148 pts.

Winner of the youth division was Elam Lantz, Jr., Box 63, Ronks, with a score of 144 points.

Other scores in the top three placings in each division were: Beulah Landis, Strasburg R1, 144 points; Mrs. John B. Groff, Mount Joy R1, 142 points; Henry Kettering, Lititz R3 and J. Robert Hess, Strasburg R1, 147 each; Robert Wenger, Quarryville R1, 143 points, and Paul Trimble, Quarryville R1, 137 points.

Feed Program Said Vital To Calf Program

A good program for growing dairy replacement heifers is the safest insurance against problems that heifers may have in calving the first time, according to John C. Thompson, nationally known dairy authority and manager of the dairy research farm of a national feed company.

Some dairymen believe they should breed their first-calf heifers to beef bul's in order to get smaller calves. Thompson believes this practice is too often a substitute for a proper calf growing program. It is a costly practice that results in the loss of one generation of dairy breeding stock. Thompson contends that if the heifers are grown right and bred at the right stage of development, they are completely capable of producing safely a first calf of their own breed.

Recent college research gives evidence that crossbreeding may not be as instrumental in producing a small calf as some dairymen believe. This research indicates the heifer herself has a major influence on the size of the calf. In a University of Illinois test, calves from Holstein dams by Angus bulls were 188 pounds heavier than those from Guernsey dams by the same sires. Tests at the University of Wisconsin showed that Angus bull-Holstein heifer crosses produced calves five pounds heavier than Holstein bull-Angus heifer, thus illustrating again the influence of the dam on the size of the calf.

To grow a heifer properly, Thompson recommends a diet of high quality forage plus 3 pounds of growing ration

Farm Calendar

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Hand R1.
 Aug. 2—9:00 a.m. - County teachers of vocational agriculture meet at Warwick Union High School, Lititz. 1:00 p.m. - Red Rose Baby Beef and Lamb club tour. 10:00 a.m. - Second Annual Soil Conservation Field Day at Speedwell Forge, Lititz R1.
 Aug. 3—10:00 a.m. - Judging of the Holsteins & Ayrshires at the SPABC Show at the Bul stud on

daily from four months of age to 90 days before calving. A heifer should be bred when she has reached the proper breeding weight for her breed, regardless of her age. This often is before 18 months of age for heifers grown on a good program, Thompson believes.



15 per cent of non-fatal farm accidents involved farm machinery, according to a recent Indiana study.

Stanley H. Deiter
 Auctioneer & Appraiser
 LAMPETER
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230 By pass west of Lan- Aug 4—10:00 a.m. County caster. 4-H Dairy club roundup at 10:00 a.m. - International SPABC barn 230 By-pass Harvestor Field Day at the west of Lancaster.
 John Landis farm 230 By- Aug. 5—Solanco Fair Chick- pass and Colebrook road. en Barbecue in the Le- 7:00 p.m. - Bred Gilt sale gion Memoria' park, Quar- by the Lancaster County ryville Proceeds to go to Sw. ne Producers Association at Martin's Sale stab- the Fair Board 1:00 p.m. - State Sheep les, Blue Ball. sale at Carlisle fairgrounds

FOR PRIVATE SALE

Lack of help and declining health prompts to offer this attractive and CHOICE

229 A. DAIRY and STOCK FARM situated along State Hgwy. and the Swatara Creek, 6 miles north of Myerstown, at village of Greble, Lebanon County.

Approximately 150 Acres under cultivation including 36 Acres in alfalfa, Balance in Perm pasture and orchard.

EXTRA LARGE DAIRY BARN completed with Standard pens and comfort stalls. Two 12x48 silos, 20x22 milk house, 3 imp. and corn sheds, facilities for 1000 layers, 3-car garage, large shop and 2 colony houses.

11-ROOM BRICK DWELLING with conveniences. Never failing spring, 2 wells. All bldgs. in excellent cond. less than \$325 per Acre.

INQUIRE AT FARM OR WRITE:
S. K. KAUFFMAN
 LEBANON R. D. 2, PA.

Lancaster County
Ayrshire Sale
AUGUST 8th

At Guernsey Sales Pavilion, 6 miles east of Lancaster on Route 30.

50 HEAD

selling from Pennsylvania's finest herds. Mostly fresh cows and springers, some bred heifers. Three service age bulls.

SALE SPONSORED BY

The Lancaster County Ayrshire Breeders Association

COMPLETE HOLSTEIN DISPERSAL

Saturday, Aug. 5, 1961

One mile east of Lancaster, Pa. 1/2 mile south of Route #30 along Lampeter Road.

40-Registered Certified Holsteins-40

(All Vaccinated)

Have been breeding Holsteins for 30 years. **FEATURING 5 daughters of the famous Gray View Sky Iner** (Who is classified excellent) and Gold Medal, a daughter of Pabst Sr R-bu.ke Rag App e, due to freshen early fall. In 302 days (of present lactation), produced 16,426 lb. milk and 522 lb fat and still milking over 50 pounds a day.

Following are records on owner-Sampler; #46 - 15,209 lbs milk, 574 lbs fat; #55 - 363 days, 13,512 lbs milk, 522 lbs fat; #51 - 342 days, 12,391 lbs milk, 474 lbs fat; #47 - 304 days, 13,298 lbs milk, 469 lbs fat; #49 - 336 days, 11,797 lbs milk, 450 lbs fat; #43 - 301 days 12,675 lbs. mi'k, 438 lbs fat and others. Record made under very average conditions, no silage and only 2nd class hay as the roughage. (Cows that have been sold in previous years have made greater records wherever they have gone.)

This is a summer and early fall freshening herd and only because of owner's discontinuing the dairy business. 100 percent Curtiss Candy breeding for the last 10 years. These cattle have size and dairy character and should please anyone looking for high production.

Sale to begin at 12:30 p.m. (DST) under a tent. Send for free folder.

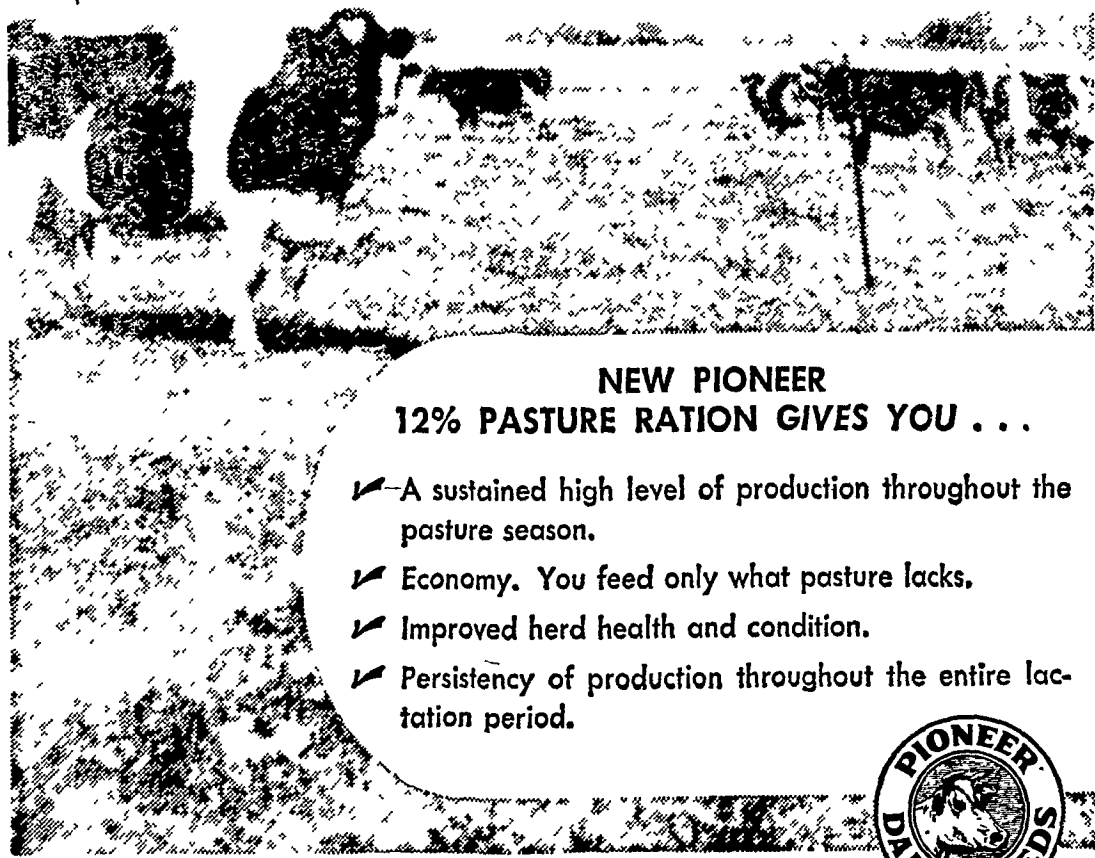
Also selling — 2-unif Surge milker, 18 milk cans and can rack.

H. L. ZOOK, Owner
 222 Lampeter Road

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FEED NEW PIONEER 12% PASTURE RATION

NO COW CAN PRODUCE UP TO HER BRED-IN CAPACITY FOR ANY LENGTH OF TIME ON GRASS ALONE!



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- ✓ Persistency of production throughout the entire lactation period.



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