

**Buildings and Supplies**

**YOUR BEST BARN BUY!**

For quality and economy is THE CFCO CLEARSPAN PACKET BUILDING covered with weather-tight corrugated steel CFCOROLL with galvanized or baked on vinyl colors. Write or phone for full information and the name of the dealer in your area. **GROCE DISTRIBUTORS, INC.** 210 Sassafras Street Selmsgrove, Penna. 17870 (717) 374-8157

**Real Estate**

For Sale—2 acre 600 ft frontage 40x110 1 story block building w/Jamesway windows and insulated roof. Presently used as layer house but is suitable for business opportunity 1/2 mi. west of Gap on Mine Road 9 room modern colonial house, hot water baseboard heat, 1 1/2 baths, rec room, macadem circle drive, 2 car garage. Phone Gap 442-4597.

**Environmental Control Predicted for Broilers**

The only successful broiler growing operation in the near future will be one based on complete environmental control, predicted R.C. (Bob) Evans, a systems engineer with Chore-Time Equipment, Milford, Ind., at a recent meeting of breeder firms at North Carolina State University.

Total conditioning of air is needed, he said, to meet the "optimum requirements" of the bird and minimize stress caused by such factors as lack of oxygen, excess humidity, and excess heat.

Seven systems that must operate in harmony if an animal production enterprise is to succeed, Evans said, are genetic potential, buildings, feed and water, environmental control, waste removal, money and marketing.

In a tightly closed poultry house, the speaker said, various gases from layers with ammonia rising to the top, air in the middle, and carbon dioxide concentrated at the bottom where the birds are. It is very important, he said, to stir the air in any closed building to prevent this layering effect.

"If you can smell ammonia fumes in a poultry house," Evans said, "there are harmful quantities of carbon dioxide in the lower air layers of the house."

The "perfect" broiler house based on present engineering knowledge, Evans said, is 40 feet wide with a flat ceiling, with insulation "R" values of 15 to 25 in the ceiling and 10 to 15 in the side walls. The ventilation system should have the capacity to move one to 1.5 cubic feet of air per minute (cfm) per broiler.

Dr. J. Ray Harris, NCSU extension veterinarian, said broiler men must adopt successful litter management systems or they will be raising birds in virtual cesspools in the future.

**Auction**

(Continued from Page 2)

00, few 54 00-55 50, Good 47 50-52 00 Standard 42 00-48 00, Utility 35 00-42 00

HOGS 220—Barrows and Gilts steady to 50 higher

BARROWS AND GILTS—US 1 220-245 lbs 26 85-27 25, US 1-2 215-230 lbs 25 85-26 10, US 2-3 200-240 lbs 25 35-25 60, US 2-3 240-255 lbs 24 35-24 85 One lot US 2 3 260 lbs 24 00

SHEEP 84—Slaughter Lambs steady

SPRING LAMBS—One lot Choice 95 lbs 34 00

WOOLED LAMBS—Good 85-

**Mail Box Market**

HAM DINNER—Bird in Hand Fine Hall Saturday, April 11, 11 a.m. until 7 p.m. Family Style Adults \$2.00 children \$1.25. Take outs available. Sponsored by the Ladies Auxiliary.

For Sale—Young Lambs and also one Ram. Call 665 2962

For Sale—Carpinian English walnut seedling trees. Phone 464-2698

For Sale—8 water bowls left over from building dairy barn. (Gardner) 20% off list. Phone 445 6409.

For Sale—a 2 horse steel land roller. Gas brooders, hanging feeders. Phone 464-3758.

For Sale—Good egg washer. Phone 733-3505.

For Sale—21" Jacobsen Lawn Queen mower, reel type. Phone 872-2538

Wanted—#225X Letz Plate Mill State condition and price. 129 S Maple Ave. Leola, Pa. 17540

For Sale—Sheep, 5 Ewes \$20 00 each. Call 215 267 5796 after 7 p.m.

For Sale—International No 211 Fast Hitch Plow 16" bottoms in good condition. Ph 215 445 6970

For Sale—Wooden electric fence posts with insulators and creosoted. Phone 626-5555

For Sale—20 months old Holstein bull, Archie son, dam high producing Ivanhoe. Phone 733-4295.

For Sale—350 gal Esco milk tank with 3 hp unit. Also chrome buggy harness. Edward Glick, Gap R#1, Phone 442-8153

For Sale—Alfalfa hay, Timothy Hay. Phone Lutz 626 5505

For Sale—GMC dump truck, W tag, A-1 cond used mostly for grain and fill hauling, 14 ft flat bed truck with grain sides and dump hoist. Ford 3 pt 2-row cultivator like new, 2 horse cultivator in good condition, Saudei loader A-1 cond with snow bucket, 2 bottom 14" Oliver 3 pt hookup plow, two 4 wheel trailers on rubber. Phone 445 6427

For Sale—1 purebred St Bernard pup, \$70 00 or best offer. Phone 464-3752

For Sale—Quaker space heater with 275 gallon tank, complete. Phone 464 3752

For Sale—Allis Chalmers coin planter to fit a model G Meyer hay conditioner, in good condition. Ph. 626 6592

For Sale—#100 McCormick Mower 2 pt. hookup \$300.00. Ph. 1 5-18 2702

For Sale—Purebred Yorkshire Boats Dutch Valley Farm, Ph. 665 6220.

**R. F. HEILMAN & SON**  
**Evening HEIFER SALE**  
**WED., APRIL 22, 1970**  
**at 7:00 P. M.**

Location—Lebanon County, 1 mile north of Cleona, Route 422.

**45 REGISTERED CANADIAN & PENNA. HOLSTEIN HEIFERS**

Heifers with type and size, two and three year olds, bred and due July, August and September.

- 5 Daughters of Meadow Golden Cross
- 5 Daughters of Forest Lee Rocket Centurian
- 2 Daughters of Forest Lee Centurian Rocket
- 3 Daughters of Double T. N. Arab
- 2 Daughters of Milk and Honey Ivanhoe
- 1 Daughter of Klinsdale Ivanhoe Jack
- 1 Daughter of Whirlhill Kingpin

Whirlhill Kingpin—Dams record:

- 4 yrs. - 308 days - 17806 milk - 611 fat
- 5 yrs. - 322 days - 18812 milk - 668 fat

**25 REGISTERED FRESH & CLOSE CANADIAN HOLSTEIN COWS**

- 2 Daughters of Badholm Royal Supreme
- 2 Daughters of Thornlea Texal Supreme
- 1 Daughter of Glenafton Gaety
- 1 Daughter of Denfield Rag Apple Paul

Heifer Calves from above cows

Pedigrees - Fred Naugle Auctioneers - Dupes & Ebersole

Write owners for catalog:

**RUSSELL F. HEILMAN & SON**

R. D. 4, Lebanon, Penna. 17042

Telephone: 717-867-1625

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with or without incorporation, without crop damage and with reduced carryover possibility; in all soil types from sands to clays

**ORGANIC PLANT FOOD CO.**  
Grofftown Road, Lancaster, Pa. 392-4963 or 392-0374

**PUBLIC SALE**  
**10th Annual Spring Feeder Calf and Yearling Sale**  
**SATURDAY, APRIL 25, 1970**  
**1:00 P. M.**  
**500 — HEAD — 500**  
**ANGUS, HEREFORD AND HOLSTEINS FOR SALE**

**ABERDEEN SALES COMPANY**  
Livestock Auction Market

Located in Churchville, Md., on U.S. Rt. #22, 6 mi. east of Bel Air, Md., 6 mi. west of Aberdeen, Md., Harford Co.

Cattle will be sold in lots of 2 to 20 head and will be sorted and graded—sold on out weights. Weight conditions always favor buyer.

For information, call or write:

Phone: 301/734-6050 **ABERDEEN SALES CO.**  
Night: 734-7105 P.O. Box 371  
272-1368 Aberdeen, Md. 21001

**PUBLIC SALE**  
**OF USED FARM MACHINERY**  
Along Route 272 at "The Buck," 12 miles South of Lancaster.  
**WEDNESDAY, APRIL 15, 1970**  
**11:30 A. M.**

**8 TRACTORS**

50 John Deere w/cults. and 801 hitch; 60 John Deere tractor; John Deere B; John Deere MT w/cults., 2 way plow and 5 ft. mower; Oliver 77; 440 John Deere Crawler, gas w/7 ft. blade and winch; D4 Caterpillar w/9 ft. blade; Oliver Wide Track Crawler.

New Holland 818 Chopper w/2 row corn head; John Deere #12 Chopper w/2 row corn head and 5 ft. pickup; John Deere #6 Chopper w/2 row corn head and direct cut attachment; J.D. 16A Flail Chopper; 2 - 1040 John Deere wagons with beds (6 mo. old); 4 row J.D. 24B unit planters w/3 pt. tool bar.

Ear corn, tobacco lath, 2 wagon load small items, J.D. #10 mower, #10 I.H.C. mower, Letz PTO mill, 60H J.D. blower w/step up, Gehl chuck wagon on Oliver gears, 2 New Holland metal bed hay wagon on running gears, J.D. 350 rake, 14T J.D. baler, 14T J.D. baler w/#1 kicker, 246 J.D. 2 row cornplanter, 4 row Case Unit planter w/3 pt. hitch tool bar, 2 bottom 16 in. J.D. 3 pt. plow, 2 bottom 14 in. 120 J.D. plow w/gauge wheel, 3 bottom J.D. 810A 14" plow w/gauge wheel, 2 bottom J.D. 415 plow, 2 bottom 2 way Allis Chalmers snap coupler 16 in. plow, 2 Oliver 100 plow trip rope on steel wheels.

2 bottom J.D. 14 in. trip rope on steel, I.H.C. 2 bottom plow, New Idea #19, 207, spreaders, Co-op ground driven spreader, New Holland P.T.O. spreader and forage box att., 30 ft. New Holland elevator, John Deere offset disc, KBA 28 J.D. disc on wheels, KBA 28 and 32 J.D. disc harrows, 2 Cunningham crimpers, J.D. B cultivators, 420 J.D. 2 row cultivators w/tool bar, land roller 12 ft. double packer, 11 ft. Brillion packer 15 in. wheels, 3 sec. J.D. spring harrow, 2 J.D. - KBA - 24 disc harrow, used weeder, Oliver 16 disc drill, J.D. 45 loader, #82 snow plow, 2 New Holland gravity boxes, McCurdy gravity bin, J-M gravity box, 207 5 1/2 ft. rotary mower J.D., 6 ft. Littleton rotary mower.

Terms by

**WENGER IMP. CO.**  
Kreider and Diller, Aucts.

Lunch furnished