

## Chickens React To Temperature And Humidity

Chickens in a University of Maryland study reacted to temperature and humidity extremes much the way people react.

High humidity in the pens did not bother them too much when the temperature was 80 degrees F or lower, but when the temperature and humidity both went up the chicks lost appetite and were generally unthrifty looking. When temperatures went down drastically, the chicks ate more feed but gained less weight because more of the feed energy went into maintaining body heat.

Professors Paul Winn, Agricultural Engineering, and Edward Godfrey, Poultry Science, found that birds in high humidity-high temperature surroundings suffered much more stress than the normal (control) flocks. After the stress period, flocks were returned to normal conditions. Most chicks showed rapid growth gains for a short period until they nearly "caught up" with the control birds.

When humidity was lowered in the high temperature pens, the birds drank more water but still did not grow well. Low humidity caused dust accumulation, which the researchers say might precipitate or aggravate respiratory diseases.

Poultrymen have long recommended a 95 degree starting temperature, but Godfrey and Winn had their best results when brooder house temperature was kept at 90 degrees F (with a relative humidity between 50 and 70%) for the first three days of the chick's life. After that they reduced the temperature as much as two degrees per day, but found that the chicks did not do well if the temperature went below 65 degrees.

## Federal Poultry Law Is Six Months Behind Penna. Efforts

A proposal to Congress to strengthen Federal poultry inspection laws is six months behind Pennsylvania's efforts in this important area of consumer protection, Governor Raymond P. Shafer said recently.

A meat inspection bill (H. B. 1566) providing for mandatory inspection of meat and poultry slaughter and processing plants in Pennsylvania was introduced in the Legislature last August 2. Governor Shafer pointed out. The bill has been passed by the House and now is before the Senate.

"Pennsylvania is one of the few states that has taken this action," Governor Shafer added. "I would hope for early final passage when the Legislature returns in March."

State Agriculture Secretary Leland H. Bull said Pennsylvania's position in regard to poultry inspection is the same as it was about meat.

"We favor a strong, cooperative Federal-State program for inspecting both meat and poultry," he stated.

"In this respect," he added, "we are far ahead of most states and the Federal Government in efforts to provide this service for the public."

The recently enacted U.S. meat inspection law applies only to red meat and does not include any form of poultry, Secretary Bull pointed out.

Present Federal poultry inspection regulations apply only to products for interstate trade. On Tuesday February 6, President Johnson asked Congress for a poultry inspection law similar to the one enacted for meat.

# PUBLIC AUCTION

## DAIRY CATTLE AND FARM EQUIPMENT

### WEDNESDAY, FEB. 28, 1968

At 11:00 A.M.

LOCATED on Route 72 — 1½ miles South of Manheim, Lancaster County, Pa.

**15 HEAD OF DAIRY COWS**  
All registered and high producers  
**7 Brown Swiss, 7 Holsteins, 1 Guernsey,**  
Approx. 6 Heifers

300 gal. Mojonier tank, 3 McCormick milker units extra pails, water heater, gas heater.

Int. 504 tractor, cultivators, mounted corn picker and 3 bottom trip plow, Super A recently overhauled, with cultivators, 2 feed carts, J.D. #5 mower - 7 ft., N.I. 4 bar rake, 2 bottom 14" plow, Blackhawk cornplanter, 1 row transplanter, lime spreader, spike harrow, 5 ft. mower, N.H. 76 baler, dump rake, Cyclone tractor grass seeder, 11 ft. cultipacker, disc, harrow, Minnick tobacco press, stripping room stove, tobacco clippers and spears, N.I. Manure spreader, Oliver Superior grain drill, 40 ft. extension ladder, 16 ft. wagon - rubber tire, N.H. corn box wagon, Hay, Straw, and Corn, 40 ft. Farmec bale elevator with motor, screw jacks, 2 - 12 ton hydraulic jacks, Fairbanks scales, grain auger, tomato baskets, air compressor, oats, barley, V-tag Chevrolet truck, tools.

Sale by:

**AARON L. MARTIN**

FOOD STAND AT SALE!

J. OMAR LANDIS AUCTION SERVICE

Call (area code 717) 665-4806  
RD #1 Manheim, Penna.

J. OMAR LANDIS

TOM GIRVIN

Licensed Auctioneers

# Public Sale

## OF VALUABLE REAL ESTATE, DAIRY CATTLE, FARM MACHINERY

### TUESDAY, MARCH 12, 1968

At 12 Noon Sharp

At R. D. #1, Felton, Pa. between Red Lion and Felton approximately ¼ mile West off Red Lion-Felton road in Windsor Twp. Follow sale arrows. The undersigned will offer at public sale the following.

### REAL ESTATE

Dairy farm consisting of approx. 105 acres of which there are approx. 65 acres of good rich farming land and the balance in pasture and woodland, small stream of water goes over part of farm, good water supply. Improvements consist of a large stone & asphalt shingle house with 8 bedrooms also 2 living and two dining rooms, 2 full baths on first floor, 2 electric hot water heaters, also a large dairy barn for approx. 60 head with a block milking parlor for 4 head and milk house complete with Mojonier 425 gal. milk tank, electronic eye washer, and pipeline milkers, these units go with real estate. Also block garage & chicken house, corn barn & wagon shed, 2 silos. Anyone on the market for a good dairy farm, be sure and see this one. For inspection phone 246-5392 or call auctioneer. Real estate will be offered at 1 p.m. on day of sale. Terms: 10% down, balance in 30 days. Other details on day of sale.

### DAIRY CATTLE

**28 Holstein Dairy Cows**  
**2 Ayrshire Dairy Cows**  
**1 Guernsey Dairy Cow**  
**14 Holstein Heifers**  
**2 Ayrshire Heifers**

These dairy cows are grade cattle, all but 1 are from artificial breeding and all are bred artificially. They come in at various dates. One half of heifers are bred others are open. This herd will be TB and Bangs tested within 30 days of sale. Don't miss this sale if you need good dairy cows.

### FARM MACHINERY

John Deere No. 40 crawler tractor, Allis Chalmers WD tractor with cultivators and two bottom plow, cultivators for DC Case tractor, manure loader, MC flail chopper, manure spreader, grain drill, cultipacker, weeder, Papec hammermill, side dresser for Case tractor, John Deere wire tie baler, McDeering lime spreader, Sears corn sheller, McDeering ensilage filler, two wheel trailer, two bottom plow, 3 tons of 3-10-10-10 fertilizer, 1 ton of 0-20-20 fertilizer, extension ladder, belt, dinner bell and other articles too numerous to mention. Farm machinery will be sold first. Not responsible for accidents on day of sale.

Refreshments Available

Terms: Cash

**H. R. STITLEY**

Jacob A. Gilbert, Auctioneer  
Phone Red Lion 246-5056  
Gilbert & Frey, Clerks

# PUBLIC SALE

## OF VALUABLE FARM MACHINERY and PERSONAL PROPERTY

### SATURDAY, MARCH 2, 1968

At 12 Noon Sharp

At R. D. #1, Wrightsville, Pa. in Lower Windsor Twp. at Martinsville approx. 7½ miles South of Wrightsville. The undersigned having sold farm will offer at public sale the following —

### FARM MACHINERY

2 Model 44 Massey Harris tractors, Model 30 and 22 Massey Harris tractors, Model 101 JR. Massey Harris tractor, Model 50 Massey Harris clipper combine 7 ft. cut power take off with bin, New Holland 68 baler power take off and in excellent condition, MF 7 ft. cut mower three point, MF rake three point power take off, New Holland hay crimper, John Deere fluffer, 2 Grove wagons one with wide track, 2 Grove false end gates, Grove power unit, Smoker 32 ft. elevator with corn chute, Grove drag elevator, Skyline forage chopper with corn and hay heads, Ford tractor engine, John Deere blower and pipe, New Idea manure spreader No. 12A, John Deere disc 18-32, John Deere 12 ft. spring harrow and drag, Brillion 10 ft. cultipacker, MF 3 bottom 14" 3 pt. plow, Massey Harris 3 pt. 3 bottom 12" plow, John Deere 15 disc grain drill, Massey Harris 3-12" pull type plow, Massey Harris mounted 2 row corn picker, Woods Bros. 1 row corn picker, lime drill, tobacco baler, tobacco lath, 20 ft. grain auger, Massey Harris manure loader, Horn manure loader, silo filler, Woods rotary chopper, Gehl portable hammermill with power take off and traveling feed table, New Holland hammermill, belts, 2 hole corn sheller, John Deere #4B corn sheller, electric motors, 280 gal. gasoline tank with pump, spike harrow, weed sprayer, tractor cultivators, Massey Harris 2 row corn planter with 3 pt. hitch, Farquhar 1 row transplanter, heavy log chains, wood saw, 2 wheel rubber tire trailer, pile of iron, grain fan, wood & steel wheelbarrows, approx. 10 squares of heavy woodtex asphalt shingles, dirt scoop, platform scales, grain bags, iron trough, square back sleigh, usual small items off wagons, some household goods and antiques. Come early, lots to sell. Most of above machinery is in good condition. Lunch available on the grounds. Not responsible for accidents on day of sale. Terms: Cash.

LYDIA A. OLPHIN

KENNETH W. OLPHIN

Jacob A. Gilbert, Auctioneer  
Gilbert & Frey, Clerks

# PUBLIC SALE

— OF —

## FARMING IMPLEMENTS AND HOUSEHOLD GOODS

TO BE HELD ON

### SATURDAY, MARCH 2, 1968

The undersigned will offer at Public Sale on the premises situated in Manheim Township, 1½ miles north of Landis Valley, on Kissel Hill Road, the following farming implements and household goods, to wit:

### 460 International Tractor

Like New — 1200 Hours.

FARMALL H, with Cultivators, Manure Loader & Snow Bucket;  
FARMALL C, with Cultivators — just overhauled;  
MASSEY HARRIS 44, with Snow Plow & 3-Bottom Plow No. 311;

McCormick No. 37 Disc Harrow, on rubber; McCormick Grass Mower No. 100, fast hitch; McCormick Corn Planter; John Deere No. 490 Corn Planter; New Holland 69 Baler, like new;

### New Holland 616 Harvester

With Corn and Grass Head.

NEW HOLLAND No. 331 MANURE SPREADER;

Three New Holland Wagons, 1 Grove Wagon, New Holland 12-foot Lime Drill, New Holland Smoker Grain Bin, Smoker 24-foot Elevator, Little Giant Corn Drag

### John Deere Van Brunt 13 Double Disc Drill

With Power Troll Attachment.

JOHN DEERE No. 30 COMBINE — 7-FOOT CUT,

With Auger and Bin — P.T.O.

John Deere Side Delivery Rake; John Deere Spring Harrow, like new, Gehl Flail Chopper No. 62, 6 foot; Gehl Blower with 60 foot Pipe; Sides and False End-gates for two Wagons and Unloader; New Idea Hay Conditioner No. 750, like new,

### New Idea Corn Picker, No. 7

CASE 3-BOTTOM DISC PLOW.

12-ft. Weeder, Adapter for fast hitch; Dunham Cultipacker, Hypro Jet Sprayer, K-5 Generator, Allis-Chalmers Wheel Weights, Power House Welder, Grindstone, Wheel-away Egg Washer, 20 Milk Cans, Platform Scales, all kinds of Poultry Supplies, Galvanized Pipe and Fittings, 36-ft. Extension Ladder, Hay, Straw, Silage, 3000 bushel Ear Corn, 4800 Tobacco Lath, and lots of miscellaneous farm needs.

### Also Some Household Goods

Breakfast Set with 6 Chans, Metal Bed and Mattress, and many items too numerous to mention

Auctioneer's Note: IF YOU ARE LOOKING FOR REAL GOOD FARM MACHINERY, DON'T MISS THIS SALE!

Sale to commence at 11 00 a.m. sharp at the aforementioned date and place Household Goods to be sold first. Terms and conditions by

**M. ROHRER HERSHEY**

**RUTH R. HERSHEY**

FRANK G. GROFF & ELMER H. KAUFFMAN, Auctioneers  
VINCENT WENDLER, Clerk