

Environmental physiologist joins Del. poultry staff

NEWARK, Del. — Larry A. Cogburn has joined the poultry research staff of the University of Delaware's department of animal science and agricultural biochemistry as an avian environmental physiologist.

He expects to concentrate primarily on basic research into the effects of the physical environment — especially temperature and

light — as they affect the metabolism (and thus the food needs) of the broiler chicken.

Cogburn, who calls his subject bionomics, says most of the basic work on poultry physiology to date has centered around the nutritional, rather than the environmental needs of the chicken. But with the trend towards total confinement in

the production of broilers, there is a great need for such environmental research.

Among other things, his work at Delaware could greatly enhance a program already under way in the department of agricultural engineering aimed at development of a computer energy model for broiler production.

So far the model concentrates on physical and nutritional (caloric) requirements, because little physiological data on the chicken has been available.

Besides conducting basic research, Cogburn will also be doing some applied research concerning environmental responses of poultry as these relate to management. Most of his teaching in the college will be limited to graduate level instruction in poultry physiology.

Cogburn holds B.S. and M.S. degrees from North Carolina State University and a Ph.D. from the Univer-



Larry A. Cogburn has joined University of Delaware's department of animal science. He plans to study effects of physical environment on metabolism (and thus food needs) of broiler chicken.

sity of Illinois at Champaign-Urbana. His doctoral dissertation concerned the thermoregulatory role of the pineal gland in chickens.

He has just completed a year of post-doctoral research at Mississippi State University in avian immunobiology.

According to John K. Rosenberger, head of the department of animal

science, Cogburn's unique background should contribute much to the department's overall poultry research program.

There are very few environmental physiologists on the East Coast and only four or five facilities around the country where any work of this sort is being done on poultry.

Packer told to stop financial violations

NEW YORK, N.Y. — C & C Livestock and Packers, Inc., a meat packer at Northwick, N.Y., and its president and owner, Alan S. Canter, of Holyoke, Mass., have been ordered to stop violating financial and payment requirements of the Packer and Stockyards Act.

The meat packer purchases livestock for slaughter purposes throughout the northeastern United States and in Virginia.

The firm and Canter consented to the order and waived a hearing. They neither admitted nor denied the charges in an administrative complaint filed by the U.S. Department of Agriculture.

The firm and Canter were ordered to cease and desist from:

--Purchasing livestock

while insolvent unless they pay the full purchase price of the livestock at the time of purchase;

--Failing to pay, when due, the full purchase price of livestock and meat;

--Failing to pay the full purchase price of livestock and meat; and

--Issuing insufficient funds checks in payment for livestock.

The cease and desist order, like a permanent injunction, was issued to insure future compliance with the P&S Act.

Meat packers are required under the P&S Act to maintain a solvent financial position and to pay promptly for livestock, unless credit has been arranged in advance. These are designed as measures of financial protection for the sellers of livestock.

REAL ESTATE AT PUBLIC SALE SATURDAY, DECEMBER 15

1:00 P.M.

Located along Old Route 75, four miles N. of Dry Run, at Doylesburg, Franklin Co. Estate of Francis Gibbons, deceased.

6 room frame dwelling, good repair; sm. barn; garage & work shop.

5 A. more or less cleared land; level good fertility. INSP. NOV. 17 & 24; DEC. 1 & 8 NOON to 3 P.M. or by appt. Ph. 717-438-3372.

For brochure contact Aucts. Also selling 1978 Dodge Aspen.

LONG BROS., AUCTS.

R.D. 1

PORT ROYAL, PA. 17082

PH. 717-527-4458

PUBLIC SALE

Of Frick Threshing Machines & Parts
Papec Silage Cutters and Parts
Shop Tools — Old Manuals

SATURDAY, DECEMBER 8, 1979

9:00 A.M.

Located along Reg Hill Road, three miles north of White Horse, Salisbury Twp., Lancaster Co., Pa.

Directions: From Blue Ball take Rt. 322 East app. 5 miles to Mountain Top, turn right onto Churchtown Road proceed app. 1½ miles, then right onto Meadville Road, proceed app. 2 miles to Red Hill Road, turn left, first farm on right.

From White Horse take Cambridge Road north app. 3 miles, then left onto Red Hill Road, second farm on left. Watch for Yellow Sale Signs.

1 - 28" Frick Thresher with Hart Feeder; 2 - 28" Frick Threshers with Long Ebersol Feeder; 1 - 22" Frick Thresher with Hart Feeder; 10 - New Ebersole Feeders for 22" Threshers; 2 - McCormick Grain Buses; 2 - 16" Papec Silage Cutters; 1 - 13" Papec Silage Cutter; Frick Thresher Parts, galore; Ebersol Hart and Heineke Feeder Parts; Papec Cutter Parts; Papec Knife Grinder, needs repair; 2 - D Case Tractors for parts; 1 - LA Case Tractor for Parts plus more parts; Lots of Papec Silage Cutters, Axles and Wheels; 2 Cyl. Wisconsin Engine, overhauled; Flat Belting; Large Collection of Old Wrenches and Barn Door Hinges; Old Magnetors; Papec and other makes of Pulleys, galore; V and Flat Pulleys; Old Briggs & Stratton Engine, Model R2; Lots of Old Frick, Papec and Tractor Manuals; 1941 John Deere Farm Equipment Catalog and several of the 1950's; Copies of the Irons Men Album for 25 years, also Old Copies of the Gas Engine Magazine.

Lincoln 180 A.M.P. Welder with motor on cart; Torch outfit on cart; Large 6" Vise on stand; Air Tools; Band Saw; Large Tin Cutter on stand; Full line of Shop Tools too many to list. Bolt Bins; Bolts; Washers; Nuts; Bag Wagon; several Wheelbarrows; Battery Clover Seeder; New Endless Belt 7" x 60'; Used 6" x 100' Endless Belt; New Belts (not Endless) 7" x 100'; 7" x 60'; 7" x 50'; Delta Table Saw; Planer; Jointer; Iron and Copper Kettle with Two Stirrers; Old Wooden Rocker; Tropic Aire Gas Heater; Milk Cans; 12 Ga. Single Barrel Shotgun; 22 Rifle with Scope, plus many more things. THIS IS ONLY A PART LISTING.

This is one of the largest collections of thresher parts in the East. In case of rain sale will be held indoors. Come early and enjoy the day with us.

Sale by

LYDIA (AMOS) EBERSOL

Aucts.

Nevin Z. Martin

Lewis B. Groff

Clerks; Martins

Lunch Served by White Horse Fire Co.

Not Responsible for Accidents

PUBLIC AUCTION

OF 79.5 LANCASTER COUNTY FARM
MON., DECEMBER 3

AT 2:00 P.M.

Location: Between Lancaster and Reading on Route 272, just north of exit 21 Pa. Turnpike at Swartzville take Route 897 north thru Reinholds to Windy Mansion Road, turn left to farm on right. West Cocalico Township, Lancaster County, PA.

79.55 ACRE FARM

this property will be offered in 2 parcels and as a whole. The parcels described below.

PARCEL NO. 1:

consists of 38 acres which is zoned R-200 and has approx. 2400 feet of road frontage and erected there on the following:



2½ STORY 1830 STONE DWELLING

containing: large eat-in kitchen, formal dining room with built-in corner cupboard, living room, family room, 3 bedrooms 1 with fireplace, full bath and center hall up and down. Oil hot water baseboard heat. 1000 gallon underground tank. New electric throughout. Cement basement. Slate roof. A very nice home partially remodeled. 2 wells each with a pressure system. 1½ story STONE SUMMER HOUSE attached to main house. Hand made Sandstone water trough and Sandstone spill trough in front of house. Mature shade and fruit trees.

2 STORY SANDSTONE BANK BARN

with attached 2 story frame chicken house. FRAME WORKSHOP with 12 foot overhead doors on each end. 16x22 FRAME UTILITY BUILDING. 2 4000 gallon underground tanks with electric ticket pump. Macadam drive.

PARCEL NO. 2:

consists of 41.5 acres which is zoned Agricultural and has approx. 3700 feet of road frontage.

TERMS: 10% down day of auction, 15% at final settlement on or before Dec. 31, 1979, balance on or before March 31, 1980. Possession at final settlement.

INSPECTION: At open house Sat., Nov. 17 and Sat., Nov. 24, 1979 from 12:00 noon to 4:00 p.m. or by appointment call 215-267-5360.

AUCTION BY:

WILLIS & JANET MAE GARMAN, JR.

R.D. 1, Reinholds, Pa. 17509

215-267-5360

Lawrence E. Stengel, Attorney

Auction Conducted By:

John E. and Paul E. Martin, Auctioneers

717-733-3511 — 717-733-3305 Ephrata, PA

NOTE: Make plans now to inspect this farm. This property is in the Cocalico School District. The kind of property you would like to buy but rarely comes up for sale.

PUBLIC AUCTION

FIRST FALL

"CONSIGNMENT SALE"

SATURDAY, DECEMBER 15

10:30 a.m.

Absolute auction of farm machinery, tractors, cars, trucks, boats, industrial equipment, combines, etc.

"Consignment Open To Public"

Consignments Received Week of November 26-30, 1979

TERMS: Cash Day of Sale.

Carroll's Sales Co., Inc. Sales Mgr.

302-734-2316 or 284-4541

Auctioneers: Harry Barrett, Jr.

Chester Lee Carroll

"Full Service Restaurant on Premises"

Not Responsible For Accidents

SALE TO BE HELD JUST NORTH ON U.S. 13

PUBLIC SALE

OF TOOLS

Location - Willow Street Community Building,
Willow Street, PA.

WEDNESDAY, DECEMBER 5

6 P.M.

Truck load of new tools for farm, garden, lawn, shop, carpenters and masonry.

Many kinds of shovels, forks, rakes, hoes, brooms, scrapers, digging irons, handlers, axes, mauls, sledges, wedges, hammers, large selection of wrenches, vice grips, saws, rulers, levels, nails, brace & bits, drills & drill bits, files, tapes, wrecking bars, C clamps, torck wrenches, flashlights & batteries, screw drivers, tool boxes, bench vice, drill presses, wheel barrow, gloves, trowels, floats, elec. grinders, bench grinders, and many more items.

Popular brand names: Ames, True Temper, Atlas, Plumb, Stanley, Disston, Jackson, Fuller S.K., Diamond, Ervin and others.

All brand names mentioned above sold with 1 year warranty against factory defects.

Terms by,
A.K. KING

Auctioneer,
J. Everett Kreider