

**"MISS PENNSYLVANIA POULTRY INDUSTRY"  
CONTEST ENTRY BLANK**

I would like to compete in the 1958 "Miss Pennsylvania Poultry Industry" contest of the Lancaster County Poultry Assn.

My name is \_\_\_\_\_

My address is \_\_\_\_\_

My telephone number is \_\_\_\_\_ My age is \_\_\_\_\_ years

I am a \_\_\_\_\_ (name relationship) of \_\_\_\_\_

whose address is \_\_\_\_\_

Number of turkeys, layers or broilers raised \_\_\_\_\_

Return this application to Claude F. Smith, 340 West Roseville Rd., Lancaster, Pa.

**EPTC May Cut**

**Weed Control Cost**

More effective and lower cost weed control in strawberries and vegetables, without injury to these crops, may result from appraisal of the new herbicide EPTC by weed-control specialists of the U S Department of Agricultural and cooperating State Agricultural Experiment Stations.

Preliminary experiments conducted at USDA's Agricultural Research Center, Beltsville, Md., (ethyl N, N-di-n-propylthiol-carbamate) demonstrated its effectiveness in controlling weeds in several different crops. Also indicated by the experiments was the prospect of reducing weed-control costs in these crops.

**Modern Commercial Type Poultry**

**House Being Built at Beltsville**

A start toward modernization of U S Department of Agriculture poultry research facilities and equipment has been made with construction of a new brick concrete brooder house at USDA's Agricultural Research Center Beltsville, Md.

Soon to be ready for use, the new building will take the place of about 70 small brooder houses previously used at the Center. Some of these houses date back to the time poultry research first began at Beltsville, about 1910.

**THE NEW STRUCTURE** is designed for the brooding of flocks required by USDA scientists for research on poultry breeding, genetics, nutrition and physiology. It will provide the poultrymen at Beltsville with the first opportunity they have had to conduct broiler research on the basis of operations comparable to those of commercial growers.

Expectations are that at least three separate lots of broilers can be grown and finished to desired weights each year in the new structure. This will make it possible, at no extra cost in facilities, to study broiler production, the use of research-developed hybrid stock, and the use of special feeds, all under conditions closely approaching those employed commercially.

In addition, the new building is expected to speed up the results of research by restricting environmental variables, which would normally make it necessary for the scientists to use a far larger number of birds and repeated experiments to provide reliable information and dependable results.

**THIS BROODER HOUSE** is designed strictly for research and not as a farm building. Its concrete brick construction is durable and maintenance costs should be low. The roof is flat, made of concrete topped by two inches of foam glass for insulation and waterproofed by several alternate layers of tar and tar paper.

Windows, comprising most of the building's walls provide light

and air and make unnecessary a forced draft ventilating system. The awning type windows have aluminum frames that require no painting and can be opened or closed from the inside. A gutter down the center aisle will permit installation of a mechanical barn cleaner to remove used litter. The concrete floor makes it possible to maintain sanitary conditions within the building.

The inside layout includes a center aisle eight feet wide, with pens 16 feet deep on either side. Pen widths can be adjusted with the aid of removable partitions from six feet upward depending upon experimental needs. An overhead track down the eight-foot center aisle will expedite the work of caring for the chicks, and the aisle provides ample room for the critical jobs of weighing feed, weighing birds, sorting families, and selecting cockerels.

Reduce mortality losses  
**clean up**  
your poultry house  
with  
**Carbola**  
the disinfecting  
white paint

• Cut poultry mortality losses! Clean your brooder house and laying house then spray Carbola—the Disinfecting White Paint. Carbola's powerful germicide kills poultry disease germs. It contains Lindane and Malathion to kill flies, lice, mites and keep cobwebs down. Carbola dries white. Also used as a dust, Carbola neutralizes ammonia fumes. Ask your dealer for Carbola today or contact your Certified Carbola Sprayman. Send for free Poultry Management Bulletin and the name of your nearest Carbola Dealer or Sprayman, Dept. LF 58.

**Carbola**  
CHEMICAL CO., INC.,  
Natural Bridge, N. Y.  
Serving the Poultry Industry for 52 years

**FOWL LEUKOSIS COMPLEX IN BROILERS**

**An Ounce of Prevention  
or  
No Cure?**

Broiler Growers should give careful consideration to the increased occurrence of fowl leukosis complex in Delaware.

The following statements are quoted from the April Poultry Pathology Letter of the University of Delaware:

1. The fowl leukosis complex was much more prevalent than in previous months and was of considerable concern to all of us present. It was observed 65 times and only 5 of these cases were in birds over 20 weeks of age. Some of the men have been called into processing plants to observe flocks with a heavy incidence of this condition. With leukosis the symptoms and some losses usually start at about 7 weeks of age and the losses are still climbing when they are sold. Paralyzed birds may show up first. Later we find the tumors (visceral lymphomatosis) in different parts of the body.

2. There are no specific treatment or preventive measures that we can recommend at this time.

3. During the past winter many of you have found it necessary to use and reuse old litter. In many instances this never had a chance to dry out. Since the virus of visceral lymphomatosis is passed in the droppings as well as in the saliva of the chicks, we have probably compounded the amount of infection in many of our broiler houses by not cleaning them after each flock.

4. Until we have some method of prevention or treatment about the only recommendation that we can make is "practice more sanitation" especially during the first 4 weeks.

Whenever broiler growers "let down" on the practice of sanitation some disease trouble is sure to start.

We believe the report of increased incidence of fowl leukosis complex in broiler flocks should convince every broiler grower of the soundness of completely cleaning out all old litter, dusting the house, disinfecting, carefully washing all fountains and using new litter in each batch of broilers.

Prevention of leukosis by this procedure will be your only recourse and we surely want to do everything possible to avoid this serious trouble.

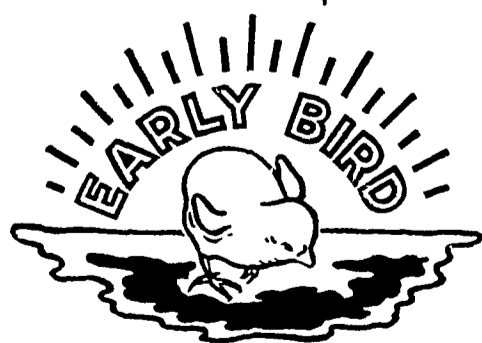
**How's This For Results?**

David G. Kelly's entry in the Jr. Chicken-of-Tomorrow Contest was the heaviest live weight entry of the 649 contestants.

Average weight per bird . . . . . 4.89 lbs.  
Feed conversion . . . . . 2.29

His father, Oren Kelly, well known chick salesman and farm manager writes, "I am convinced you people have one of the top feeds on the market today. It has done a splendid job for us."

**PLEASE NOTE: Production costs of our big flock customers are steadily coming DOWN on our NEW BROILER RATION.**



**Miller &  
Bushong, Inc.**

Rohrerstown, Pa.

Ph. Lancaster EX 2-2145

Manufacturers of Poultry and Live Stock Feed Since 1875.

**Chicken Chatter**

from GREIDER LEGHORN FARMS, Inc.



Mt. Joy OL 32455

**Your Egg Washer Tells On You**

Yes, take a good look at your egg washer. Do you see it as someone else would see it? Is it nice and bright and clean each evening, filled with fresh clean water, ready to go the next day? Or is it so coated and scummy that you can hardly see what it's made of? You know, when I see an egg washer that looks that way, I soon form my own opinion of the type of poultryman the owner is. And I've seen some that are filthy sights, some that look like they are filled with soup, probably the water hadn't been changed for a week, and then we expect people to eat more eggs. Actually, it takes only a few minutes each day to scrub the washer and change the water when you're finished with it. That is one chore that is never left undone on our farm. How about yours?

**Mean Old Washer or Sissy Eggs?**

Does your washer crack too many eggs? Perhaps your washer is too rough, or more likely, you need eggs with better shells. I highly recommend Greider Super Cross Layers. They are proven hard shell layers, at Official Laying Tests, and in the field. Nothing lays them harder, except maybe a turtle. However, I cannot recommend that you fill your laying houses with turtles. Tinted eggs, you know?

**Greider Leghorn Farms, Inc.**

MT. JOY R1, PA.

Phone OL 3-2455