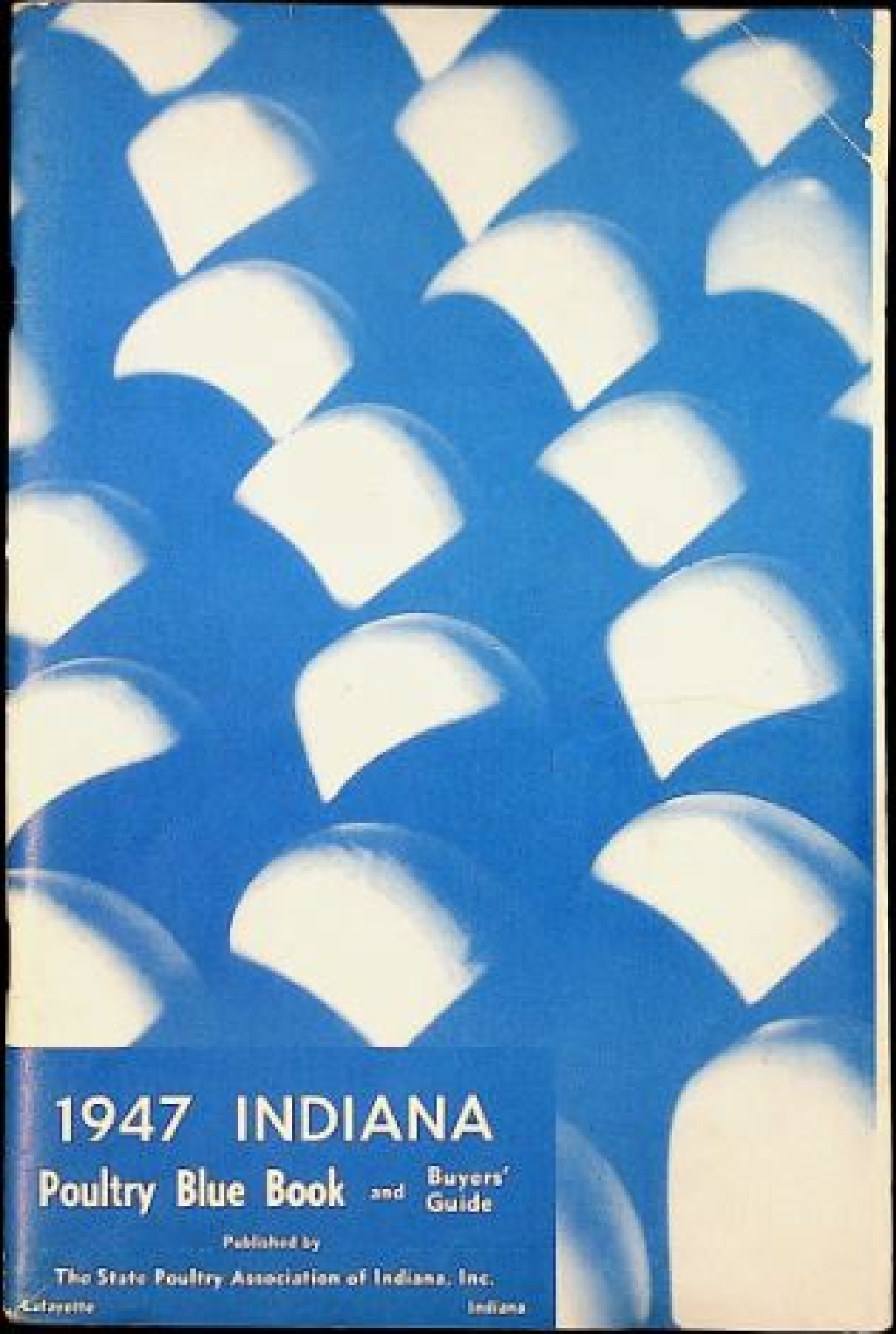


1947 INDIANA

Poultry Blue Book and Buyers' Guide

Published by

The State Poultry Association of Indiana, Inc.

Lafayette Indiana

85.8%

Can't Be Wrong!

85.8% of the 34,940,000* hatching egg capacity in Indiana operates under the Standards of The National Poultry Improvement Plan.

Buy Plan Chicks for Planned Results

"Planned" breed improvement

"Planned" pullorum disease control

"Planned" official supervision of flocks, hatcheries, production, distribution and advertising

See the index for complete listing of Indiana Hatcheries participating in this cooperative program with the U. S. Dept. of Agriculture—

or write to

L. A. Wilhelm, Executive Secretary,
State Poultry Association of Indiana
Purdue Poultry Building, Lafayette, Indiana
Indiana NPIP Administrator
Office and Hatchery, 901 Main St.

This emblem on the Chick Box or case of Hatching Eggs is Protection for the Buyer.

*The hatching capacity of Indiana hatcheries Oct. 1, 1946, according to the State Statistician, U. S. Department of Agriculture.

3 MATINGS

for

FLOCK IMPROVEMENT OR COMMERCIAL EGG PRODUCTION

Build and maintain profitable egg production and high egg quality with R.O.P. cockerels or stock from these 3 matings. For commercial egg production buy U. S. Certified chicks from selected hens mated to 250 egg or more rooted R.O.P. males that produce our own 90,000 layers.

U.S.R.O.P. MATINGS

These single male matings consist of R.O.P. hens from families with high egg production records many of which are progeny tested. Others are from progeny tested dams and sires. Males are from pedigreed, trapnested hens over 270 eggs. Eggs and chicks from these pens will serve as the best possible foundation stock for your breeding program.

R.O.P. CANDIDATE MATINGS

This mating consists of pedigreed pullets from R.O.P. hens which we are trapnesting under the Indiana R.O.P. Breeders Association. Many of these pullets will qualify as R.O.P. hens and be in our R.O.P. Matings next year. Pullets are carefully selected for good body type, standard weight, and egg quality characteristics. This mating is sired by R.O.P. males from dams with egg records of 210 or over. Eggs and chicks from this stock mating will prove an excellent source of breeding for poultry improvement.

U.S. CERTIFIED MATINGS

Chicks are from carefully selected layers mated to R.O.P. male birds from dams laying over 250 eggs. All layers are of standard body weight, free of standard disqualifications, and officially bloodtested under the U. S. Pullorum Controlled stage of the National Poultry Improvement Plan. All hatching eggs selected for sale or used in our own incubators must weigh at the rate of 24 oz. per dozen or more. Hatching eggs and chicks from these matings are highly recommended for the commercial egg producer.

Chicks and Hatching Eggs for Poultry Improvement and Commercial Egg Production

We sell over 2½ million hatching eggs and 650,000 baby chicks each year from our Certified layers, R.O.P. Candidate Matings and R.O.P. birds. We take pride in their good ancestry, excellent quality and high vitality. They make money for us and they will make money for you.

R.O.P.
CREIGHTON BROS.

CREIGHTON BROS., Box 5, Warsaw, Indiana

BOOST POULTRY PROFITS

WITH HIGH HATCHES OF STURDY CHICKS

Let Vitamin-Rich Super Greens Pellets Help You Get High Hatchability and Produce Sturdy, Livable Chicks

BREEDING FLOCKS need a ration that's rich in vitamins to help fortify flock health and produce eggs that will give you high hatches of strong, livable chicks. Many of the country's successful poultrymen are giving their birds these necessary health nutrients by feeding vitamin-rich Ful-O-Pep Super Greens Pellets along with mash.

FUL-O-PEP SUPER GREENS Pellets are fortified with Nasser's Richest Vitamin Combination, Concentrated Spring Range*, and other vitamin-rich sources. This vitamin-boost helps breeders produce big, husky, livable chicks with deep yellow colored shanks . . . helps increase hatchability . . . helps increase proper feed intake for maximum egg production . . . and helps layers gain stamina and resistance to colds.

YES, THESE VITAMIN-RICH Pellets may help you increase poultry profits. So do as many successful poultrymen are doing . . . fortify your breeding flock with Ful-O-Pep Super Greens Pellets to help keep breeders healthy and get top-quality eggs which yield high hatches of sturdy, livable chicks.

MENS TAKE to Super Greens Pellets readily. Sprinkle a few on top of the mash according to directions. Write today for more information.

*Reg. U. S. Pat. Off.

THE QUAKER OATS COMPANY, Chicago 4, Ill.

Help Yourself and Your Customers to MORE PROFIT with OAKES M.I. Plan

Oakes M.I. (Maximum Inlet) Plan is a real help to more profitable selling of poultry equipment . . . It stresses Balanced Unit Sales . . . tells how and why proper equipment for "Maximum Intake" of feed and water cuts chick loss, promotes faster growth, increases egg production.

OAKES BALANCED UNIT FOR 300 CHICKS

1—No. 750 Electric Brooder, 4—No. 448 Chick Feeders, 3—No. 64 Glass Pan Fonts, 3—No. 503 Waterers, 6—No. 3942-W Broiler Troughs.

Trying to raise too many chicks with too little equipment results in excessive chick losses. Thrifty growth in brooder house means greater profits realized in live sales. You can sell the Unit shown here with complete assurance that it will do the job right. Illustration shows arrangement for best results.

No. 750 ELECTRIC BROODER

Provides 2,704 inches of brooding area. Canopy 52 x 52 inches. Has adjustable legs. Sturdy assembly. Heavy denim-curtain on can't sag rod. Other fuel types available.

6—No. 64 Glass Pans for Mason Jars

One-piece polished glass. Fits any Mason Jar.

3—No. 503 Waterers

Made of heavy galvanized steel. Double wall construction. 42" drinking space.

6—No. 448 Chick Feeders

Has curved flange wiring trough to prevent feed waste. Adjustable rest guards resolve to prevent roosting. 48 inches long.

6—No. 3942-W Broiler Troughs

48 inches long. Capacity 15 quarts feed. Hard-rugged wire grill that lifts easily. Adjustable.

Here's a LIFESAVER for Chicks—the 700-E Battery Brooder

Thousands of these Batteries are in use in hatcheries and broiler plants. They have brought through millions of chicks with mortality losses as low as 1 to 3%. Chicks brood in enclosed section. Heat is deflected downward. Made entirely of metal. Many hatcheries use for display and storage. Send for our new Catalog No. 52 and copies of the M. I. Plan Booklet. If your regular jobber cannot supply you write us.

OAKES "Sanitized" **POULTRY EQUIPMENT** ★ ★

THE OAKES MFG. COMPANY
BOX
TIPTON, INDIANA

The Indiana Poultry Blue Book and Buyers Guide

The Official Year Book of the State Poultry Association of Indiana, Inc.

Founded in 1918

M. V. Flock, Editor — L. A. Wilhelm, Business Mgr.

Cover Page Photo courtesy of Look Magazine

EDUCATIONAL FEATURES

Looking Ahead with the Poultry Industry 8
Newcastle Disease 11
Purdue Poultry Short Course and Hatchery School 16
The Delmarva Broiler Industry 18
Individual Members 22
The State Poultry Association 36
Airview Sight of New Poultry Farm 38
4-H Poultry and Egg Judging Contest 41
19 Years of Pedigreed Poultry Improvement 42
First Year of Chicken-of-Tomorrow Contest 44
"Germicidal Lamps" 48
Listing of Indiana Hatcherymen by Towns 50
Turkey Plan in Indiana 64
Let's Talk Turkey 66
Turkey Experiments at Purdue 72
The National Plan in Indiana 78
National Plan Participation 82

For the Index of Advertisers see Page 102

The State Poultry Association of Indiana, Inc., a non-profit corporation, is the coordinating organization serving the Hoosier Poultry Industry. Through its Baby Chick Department, the R. O. P. Department and the Turkey Department, it serves as a clearing house for problems affecting farm flockowners, market egg producers, hatchery flockowners, poultry breeders, hatchery operators, broiler producers, turkey growers, veterinarians and feed and equipment manufacturers—anyone interested in any phase of the Indiana Poultry Industry.

CONCENTRATE

ON

CONCENTRATES

MASTER MIX CONCENTRATES and COMPLETE FEEDS

There is a Master Mix Concentrate to meet your particular needs—which, when mixed with grains and grain by-products according to Master Mix formula recommendations, makes a ration fully adequate to produce most economical results.

Ask your Master Mix Dealer for mixing formulas and specific feeding directions. He is in a position to serve you.

McMILLEN FEED MILLS

Division of

CENTRAL SOYA CO., INC.

Fort Wayne, Ind.

State Poultry Association Of Indiana, Incorporated

Baby Chick Department Officers

Albert Crayden.....Chairman
Charles Manwaring.....Vice Chairman
L. A. Wilhelm.....Executive Sec.-Treas.

Members of Executive Committee

Harold McCoy ('til '47).....Churubusco
E. R. Nussbaum ('til '47).....Remington
William Lett ('til '47.....Washington
Paul Turner ('til '48).....Richmond
Carl Conrad ('til '48).....Seymour
Harold Haslin ('til '48).....Alexandria
Wm. Ullman.....Kokomo
Dr. J. Holmes Martin.....Lafayette
Dr. G. E. Botkin.....Indianapolis
Noel Shaver.....Crawfordsville
L. A. Wilhelm.....Lafayette

The President of the Association, the Head of the Purdue Poultry Department, the State Veterinarian, and the Executive Secretary are ex-officio members.

R. O. P. Department Officers

Cecil Hinton.....Chairman
Max Nellans.....Vice Chairman
R. R. Bohren.....Secretary-Supervisor
L. A. Wilhelm.....Treasurer

Members of Executive Committee

Robert L. Hogue.....Silver Lake
R. C. Wallace.....Lafayette
Dean R. Marble.....Warsaw

Turkey Department Officers

Al B. Livers.....Chairman
C. A. Nicholson.....Vice Chairman
M. V. Flock.....Secretary
L. A. Wilhelm.....Treasurer

Members of Executive Committee

Mrs. John S. Capper.....Star City
Sam Martin.....Indianapolis
Knox Parnell.....Angola
Mrs. Walter Norwald.....Greensburg
Louis Lamb.....Jasper
Noel Shaver.....Crawfordsville

State Poultry Association of Indiana, Incorporated

Wm. Ullman.....President

Vern Steckley.....First Vice-President

Albert Crayden.....Second Vice-President

L. A. Wilhelm.....Executive Sec.-Treas.

Executive Board

C. W. Lucas ('til '47).....Brownstown

Dr. R. P. Smith ('til '48).....Burrell

Wm. Lathrop ('til '49).....Richmond

Cecil Hinton.....Lafayette

Al Livers.....Martinsville

Noel Shaver.....Crawfordsville

L. A. Wilhelm.....Lafayette

J. Holmes Martin.....Lafayette
Chief, Purdue University Poultry Department

State Poultry Association Representatives

~~Robert~~ Creighton.....Warsaw
Member, Purdue Univ. Agricultural Experiment Station Advisory Board

Sidney Smyth.....Morgantown
Member, Indiana State Egg Board

Robert P. Martin.....Ramsey
Indiana Director, International Baby Chick Association

Robert L. Hogue.....Silver Lake
Member, State Livestock Sanitary Board

MANWARING LEGHORNS

MAKE
OUTSTANDING OFFICIAL RECORD
IN U. S. R. O. P.

1497 birds trapnested under U. S. R. O. P. Supervision.
1049 qualified — 70.07% *highest qualifying percentage* in the entire U. S., of any breeder trapnesting over 1,000 birds.
254.5 Average Egg Production.
26.05 Average Egg Size.
441 birds laid from 200-250 eggs.
608 birds laid over 250 eggs each.

Remember, it's the breeding program behind the chick that counts when you make up your mind about purchasing chicks and breeding stock for 1947. You can't see our 36 year old breeding program when you look at a Manwaring chick—*but you know it's there.*

Write for catalog and prices on *U. S. Certified* and *U. S. R. O. P. Leghorn Chicks.* Produced on U. S. R. O. P. Breeding Farm.

Manwaring Leghorn Farms
Mentone, Indiana

Looking Ahead With the Poultry Industry

G. B. Wood, Purdue University

Dr. G. B. Wood
Department of Agricultural Economics, Purdue University. "Bert" is a native of Oregon and a graduate of Oregon State College. He received his Ph.D. degree from University of Wisconsin on Poultry and Egg Marketing. His present position is heading up marketing in the Agricultural Economics Department at Purdue.

The poultry and egg outlook for 1947 is favorable relative to 1946 and returns should be well above the pre-war level. A high level of production seems justified for the year ahead.

In spite of this there is considerable uncertainty and a growing pessimism within the industry concerning the outlook for 1947. Some of this is justified and some is not. The weakening of markets for both poultry and eggs following the decontrol of meat prices made the industry take another look at the market situation. This is a healthy sign and suggests the need for a review of the fundamental price factors underlying the industry.

The principal demand factor affecting poultry and egg prices is normally the level of national income. We have seen the poultry industry expand substantially since 1941 in response to a growing demand. In the last few years, however, the industry has felt the impact of an abnormal, though temporary, demand factor—the shortage of red meat.

Under normal conditions the substitution of poultry meat and eggs for red meat is not very important. During 1946 and the first two-thirds of 1946 the situation was reversed. As the industry entered the 1946 marketing year, it looked as if this new demand factor—short supplies of red meat—would be a bullish one. Consequently, there was a strong storage demand for eggs last spring. As large stocks accumulated, they began to cast a bearish shadow over the market. This was particularly true during the OPA holiday of late July and August.

Following the return of meat controls in September, the earlier judgments again appeared to be correct. Retail meat supplies virtually disappeared and the industry found itself in the middle of a boom. Instead of viewing these high prices in their artificial setting, many poultrymen felt that a new level of prices was in the making. It was an extreme blow when meat prices were suddenly decontrolled and prices for both poultry and eggs ranged from their artificially high level. Consumers shifted back to red meat as quickly as they shifted to poultry products earlier.

As consumers experience continuing high retail prices of red meat they will shift back to a normal level of consumption of poultry and eggs at satisfactory prices. Much, of course, will depend upon the level of demand through 1947.

Strong Demand in 1947

We are now in the immediate post-war inflationary period. It is impossible to predict how long it will last. This period continued for 18 months following World War I and the current predictions are that it will come to an end around or after mid-1947.

It now appears that 1947 will be another year of high income, approximating that of 1946. The 1946 national income was about the same as in 1945 when it reached approximately 158 billion dollars.

In December 1946 our total employed labor force was 58 million people, an all-time high. As long as this situation continues, we can expect to consume at favorable prices all the poultry and eggs and red meat that we can produce.

If the business recession anticipated for 1947 occurs, we must expect some cut back in the demand for poultry and eggs. Prices of poultry and eggs will probably decline to approximately the 1944 or 1945 levels.

The red meat situation will behave more normally during 1947 as a factor affecting poultry and egg prices. Meat supplies in the first half of 1947 will [illegible] over those of the year [illegible] hog marketings will be down about 20 percent. Large cattle marketings will more than offset the decline in pork

America's Oldest and Best

For: More than 500,000 progressive poultry raisers.
For: More than 400 wide-awake advertisers with something to sell to the [illegible] two billion poultry market.

AMERICAN POULTRY JOURNAL
316 So. Clark St. Chicago 5, Ill.

production. Marketings of both cattle and hogs will be heavier in the last half of 1947 than a year earlier.

The prospect of a business recession after mid-1947 makes it unlikely that there will be much demand for storage eggs during the spring months. Traders will be more cautious regarding forward commitments.

Export demand will decline to near pre-war levels during 1947. If foreign countries are forced to buy American dried eggs without the benefit of the various relief programs, it is likely that they will seek other sources of supply or shift to lower cost foods.

The over-all demand for both poultry and eggs will be somewhat lower in 1947 than a year earlier, with markets probably being much weaker in the last quarter of the year. This situation will be further aggravated if the anticipated business recession should materialize late in 1947.

Large Supplies in 1947

The number of layers on U. S. farms on January 1 will be about 10 percent smaller than a year earlier, and egg production will be down approximately the same amount. The carry-over of storage eggs this January 1 is about two million cases—about four times the normal carry-over. It is significant that many of these eggs are of low quality, particularly in the mid-west, and will likely go to driers and breakers.

With a smaller proportion of current marketing likely to go into storage during the spring months, consumer supplies may be only moderately below those of 1946. Egg supplies in the last half are expected to be smaller than a year earlier.

Broiler production will undoubtedly continue large during the first half of 1947 in view of abundant feed supplies and reasonably favorable feeding ratios.

Smaller Supplies After 1947

The marked expansion of the poultry industry encouraged by wartime demand has now run its course. Most of it occurred in the corn belt states where the large number of small farm flocks could be expanded easily and quickly. Some contraction is inevitable and unavoidable. The fundamental question is—what will be the ratio of the adjustment and who will bear its brunt?

When feeding ratios narrow and profits don't come so easily, the producers who will be hit hardest will be the semi-commercial and commercial flock owners who have not succeeded in bringing costs down in line with lower prices.

Favorable price ratios during the last few years have encouraged many marginal poultrymen to expand production. While these producers are scattered throughout the United States, they tend to be more numerous in the corn belt. Many such producers carried poultry as a sideline enterprise. This entire group will be in a very vulnerable position in the years ahead. Much of the contraction will occur in such flocks.

The farm flock owner who increased his production facilities during the war will be the last to curtail. Unless such producers decide to become semi-commercial poultrymen, it seems inevitable that the size of these flocks will decline.

Planning for 1947

The year 1947 does not appear to be a good year to expand operations. Producers should find it profitable to maintain a high level of production, somewhat smaller than the last few years.

This is a good year to buy your chicks early. Feed them well through the spring and summer in order to hit the early fall markets. It will pay producers to buy quality chicks.

Feeding ratios should be favorable during most of 1947. It should be profitable to feed liberally in order to maintain a high rate of lay.

Keep a large proportion of pullets in your laying flocks. You should find this to be profitable during 1947.

Don't become discouraged if prices decline and profit margins narrow. This is a good year to plan for lower prices. Do those things now which will help you reduce costs. It will represent dollars in your pocket from here on.

To Present and Prospective Poultry Producers

Sherman White & Company is interested in encouraging the raising of good chickens by reliable persons. We will aid producers to increase their flocks and facilities, help other to get started and provide supervision in obtaining reasonable costs and profitable results.

Call at one of our offices or drop us a card for details.

Sherman White & Company

Goodland, Indiana — Fort Wayne, Indiana

REILEY LEGHORN FARM

TWELVE MILE, INDIANA

Large Birds - Large Eggs - Produce Large Chicks

25 Years Intensive Breeding

Excellent Livability—High Production

Every Male On Our Farm Is An Individual Pedigreed Wing-Banded Bird

22 Years Tested for Pullorum Disease

Tube Agglutination Test for 14 Years

Quality Chicks — Reasonable Prices

NEWCASTLE DISEASE

Dr. H. E. Moses
Department of Veterinary Science, Purdue University. Dr. Moses is a native "Hoosiers" with his D. V. M. and M. S. degree from this State University. He did his Ph.D. work at Mayo Clinic and is now Associate Pathologist, Department of Veterinary Science at Purdue.

Newcastle disease is an infectious, highly contagious, or readily transmissible disease that affects chickens, turkeys, guinea fowl, pheasants, and pigeons and possibly other species of domesticated and wild fowl. The disease is relatively new to the North American continent, having been recognized first in 1944 in California where it is believed to have been present since 1938. To date, or within the past 18 months, further recognition of the disease has been made in 31 states widely scattered throughout the nation. In these states are found the country's most intensive poultry-raising areas, and included among them are 9 of the 12 states of this North Central region.

The cause of this disease is a filterable virus, or an extremely small living agent that can be seen only with the highest powered, or electron microscopes. Other means than visualizing of the agent itself are used in the laboratory for identification of it and constitute the only sure way of recognition of the disease.

The symptoms of the disease and other of its characteristics are suggestive of its presence. Droopiness and decrease or loss of appetite, common to many diseases, are noted. Audible breathing in the form of crackling, wheezing and sneezing sounds may be noted; in some cases this may be so mild as to escape other than the closest observation. The mouth may be held open to facilitate breathing. These respiratory symptoms generally occur in fowl of all ages, young fowl, or usually those less than two months of age, commonly show, in addition to the symptoms of difficult breathing, evidences of brain or nerve involvement. These include twisting of the neck and turning of the head to peculiar positions, moving in circles, falling backwards, drooping of the wings, inability to use the legs, and rhythmic coarse twitching of the neck, wings or legs. Some one or all of these nervous symptoms usually occur in at least 30 per cent of the members of the affected group. In adult stock, egg production commonly shows a sharp decline, and within the course of a few days may stop entirely. Six to eight weeks may be required for return to the previous or expected production. All members of a flock are believed to contract the illness. The losses by death are generally greater in young than in adult stock; in the former, 50 per cent or even more of the fowl may die, while in adult stock the death rate may seldom exceed 5 per cent.

The disease is readily transmitted by contact of normal fowl with the intestinal droppings, or mouth or upper respiratory fluids or secretions of diseased fowl. This "contact" may occur by transfer of these infected materials for considerable or long distances, on crates, feed sacks, attendants' or visitors' shoes or other clothing and possibly in similar mechanical manner by insects. The causative virus may gain exit from diseased fowl in or on eggs produced for a period of several days even before any symptoms are observed, and also from individuals whose disease may be so mild as only to interrupt very temporarily or not at all the production of eggs.

The apparent wide distribution that this disease has already enjoyed and its known infectivity for wild as well as domesticated fowl indicates the difficult problem that the control of it may prove to be. The present state of knowledge of the disease seems to show that it "weakest link" or the least complex place for attack on it lies in the protection of young stock in which the greatest losses by death have occurred. To this end, any eggs produced during the active or symptomatic stage of the disease or for a safe period of possibly 30 days following the full resumption of production should not be used for hatching

"QUINTS" PROVE WAYNE DEPENDABILITY

The "Comhusker Quints", world's only quintuplet calves, have been fed on Wayne Feeds since 12 days old. Dr. L. J. Smith, Veterinarian, chose Wayne Calf Feeds to help save and keep the "Quints" alive because he knows from experience with his own herd that he could DEPEND ON WAYNE for high quality "Full Strength" nutrition. It pays to feed—

WAYNE FEEDS

U. S. Approved U. S. Pullorum Controlled

Martin's Quality Chicks

A Hatchery and R. O. P. Breeding Farm

Wholesale good livability, rapidity of growth, *Catalogue*

A breeding program that pays in quick feathering and high egg production. *on request*

Retail

Barred Rock, White Rock, White Leghorn and New Hampshire R. O. P. Chix, Eggs and Stock. Also R. I. Reds, W. Wyandottes, Mated to R. O. P. Males.

Martin's Ramsey Hatchery

BOX 200, RAMSEY, INDIANA

purposes and all eggs produced during the week preceding the proven outbreak should be discarded from the hatchery. Any unusual breakage of eggs should arouse suspicion of trouble, and crating materials thus soiled should be burned or disinfected with 2 per cent cresol or other acceptable agents. Eggs should not be received or unpacked at a hatchery in close proximity to brooding quarters. Stock showing symptoms suggestive of this disease should not be sold by or accepted from any agency dealing in this stock.

The curtailment of spread of the disease to young adult or adult poultry is likely to be a much more difficult accomplishment, especially if wild-life reservoirs of this disease become established. Nevertheless, since it is well known that the individual animal in the early or active stage of the disease is a potent spreader of it, their movement should be restricted. Such stock should not be "unloaded" immediately for market in the present, usually unfounded fear that marked economic losses will occur. With-holding sale of them for a period of two weeks, or until the chances of their spreading the disease have been largely eliminated, would be of considerable benefit to the industry. After recovery from the disease, adult flocks the disease had not occurred and the may become equally as profitable as if chances of spread of the disease from them to young stock, through the egg or otherwise, appear to be slight. Crates used in handling live poultry should be prohibited from being brought on to one's premises on the basis that these crates may have been in close contact with infected fowl. This could best be attained by using one's own crates in marketing the poultry and by disinfecting same immediately upon return from the market or by placing one's poultry in the buyer's crates at the edge of one's premises and as far away as possible from the home flock.

Field experimental trials with vaccination against this disease are now being conducted and in time should provide information on the supplemental benefits that this procedure can provide in the control of the disease.

Since the control of Newcastle disease is likely to remain associated with procedures for its prevention, further experience with the disease and observation on its destructivity may emphasize more effectively the procedures required for its control. In other words, the present largely voluntary measures may need to be supplemented by equitable measures for justice to all concerned, or by law, for the protection of a 3-billion dollar poultry industry and, in addition, of a highly valuable wild-fowl population.

Protect the health of your poultry flocks. Invest a little money in some poultry cups so that it is not necessary to bring contaminated cups at the crossbow every time you market poultry.

LOOK FOR THE LEAF ON THE PACKAGE

IF YOU KNOW ABOUT "Black Leaf 40"

...That's All you need to know about THE CONTROL OF POULTRY LICE!

A thin film of "Black Leaf 40" smeared on the roosts gives off fumes which kill lice while the fowls perch. No powder, no handling of fowls, no loss of production. "Black Leaf 40" is the poultryman's friend.

Insist on original factory sealed packages for full strength

TOBACCO BY-PRODUCTS & CHEMICAL CORPORATION, INCORPORATED • LOUISVILLE, KENTUCKY

JUST TAP ON ROOST THEN SMEAR

GIRARD'S TIP-TOP CHICKS

Since 1922

TIP-TOP CHICKS

Have Improved With the Years

U. S. Approved, Pullorum Controlled Under N.P.I.P.

We hatch: Barred Rocks, White Rocks, New Hampshires and Barred Rock

Maybe you can use Tip-Top Chicks.

A card or call brings our reasonable prices.

TIPTON HATCHERY

ROY D. GIRARD, Proprietor, Tipton, Ind.

1947 Purdue Poultry Short Course and Hatchery Schools

Purdue—August 4 to 16

Indianapolis—October 20 to 31

The 29th Annual Purdue Poultry Short Course and Hatchery School will be held at Purdue University, August 4 to 16, 1947. This same school will be repeated at the 2nd Annual Poultry Short Course and Hatchery School which will be held at the Purdue Marott Agricultural Center, Ninth and Meridian Streets, Indianapolis, Indiana, October 20 to 31.

Enrollment at both schools will be limited to 125 students each. Application for enrollment should be made direct with the Poultry Department, Purdue University, Lafayette, Indiana.

The picture below showed the 196 students enrolled in the 28th Annual School held last August on the Purdue campus. Of these 196 students, 81 were in attendance for the first week and all but 11 in the group were in attendance for the second week. The first week of the school was devoted to lectures and laboratory sessions on housing, feeding, management, breeding and marketing with a dinner get-together one night.

During the second week, class work and field trips were devoted to selection, culling, diseases, pullorum testing and National Poultry Improvement Plan regulations with night sessions until 8:30 on Monday, Tuesday and Thursday. On Wednesday evening the State Poultry Association Staff put on a barbecue that was enjoyed by 260 people.

with a

CONCRETE
POULTRY HOUSE

More modern poultry houses on American farms will increase egg production and poultry profits.

For healthier, more productive flocks, build a concrete poultry house. Concrete has no crevices for lice and other parasites; keeps out rats, weasels and vermin; is easy to keep warm, clean and dry; does away with the need for frequent, costly repairs.

Write for free booklet, "Concrete *Poultry Houses*," showing layouts of poultry, incubator and brooder houses of various types approved by state agricultural colleges.

If you need help, get in touch with your concrete contractor or building material dealer.

Check list, paste on postal and mail for free literature

PORTLAND CEMENT ASSOCIATION

☐ Feeding Floors ☐ Hog Houses ☐ Foundations ☐ Barns ☐ Silos
☐ Concrete Poultry Houses (see above) ☐ Storage Cellars ☐ Milk Houses
☐ Concrete Making

Dept. F-21, 611 Merchants Bank Bldg., Indianapolis 4, Ind.

My Impressions of the Delmarva Broiler Industry

Joe W. Sher
Purdue Extension Poultryman. Joe is a native of Southern Indiana, a Purdue graduate, and a former 4-H Junior Poultryman. He is much interested in the broiler game that he spent three weeks of his vacation the past summer visiting broiler growers and poultrymen in the Eastern section of the United States.

There was not the least bit of doubt that this was it! The long broiler houses, with their tile chimneys, were showing up with increased frequency on both sides of the road. At first it was just one house about every mile or so, but when we finally reached the very heart of the district, nearly every other farm had one or more long, red roof broiler house.

We sometimes speak of our "concentrated broiler territories" in Indiana. But it is not likely that a stranger would recognize them as he drove through. You need to know when and where to look to see the Indiana broiler plants. Not so, on the Delmarva peninsula. You can not help but realize that here is an area that has gone "all out" in broiler production. Over 190,000,000 broilers produced in 1945 in an area about the size of five or six typical Indiana counties. It accounts for about one-third of all commercially produced broilers in the United States.

The country itself was fairly level, suitable fields of wheat were ripening as we entered Maryland at the point where the Annapolis ferry crosses the Chesapeake Bay, and drove toward southern Delaware. The soil was visibly sandy in the heart of the broiler area and considerable acreage was wooded—evidently not sufficiently productive for cultivation.

In three short days of visiting, one can see only a relatively few plants, and certainly can not get a thorough insight into the operations and practices of the industry, but I did gather a few impressions which may be of value.

The Delmarva broiler producers seem to be neither better nor poorer poultrymen on an average than are our own producers. The broiler mortality to marketing age is about the same as is common in Indiana. The rate of growth and feed consumption per pound of gain is comparable. The producers apparently operate on a smaller margin of profit per bird than is expected in Indiana, but they usually run more broilers per operator. They have decidedly fewer alternative opportunities than do we in the Mid-west who can choose between such enterprises as chickens, hogs, dairy cattle, beef cattle or sheep. On the peninsula, broiler production developed after the laying flocks had been virtually forced out of business because of leukosis and after the development of good refrigerated transportation had nullified the previous advantage enjoyed by the area in the early strawberry market. Delaware farmers still do a great deal of market gardening but poultry accounts for 75% of their cash agricultural income.

A number of the practices commonly followed in Delmarva broiler management differ from ours because the conditions of climate and soil differ from ours. It must be borne in mind that the peninsula is practically surrounded by the Chesapeake Bay and the Atlantic Ocean. The climate is mild. Rarely does the temperature get down to zero, and when it does, it usually warms up to above freezing by noon, so I am told. The natives would talk about "zero" weather, but further discussion would reveal that they really meant freezing. Humidity, and hot weather are much worse problems there than is cold weather. The houses, consequently are almost flimsily built according to Indiana standards. There is no insulation; no double walls. In fact when a cleaning crew throws a forceful stream of water against a wall of a typical broiler house, it is not unusual to see the water gushing right through the cracks in the wall.

Economy of construction fitted right in with what seemed to be the thinking of many producers who believed during the early development of broiler

The "Chick of Today" vs. the "Chicken of Tomorrow"

Yes, we were lucky in winning first place in the Indiana "Chicken of Tomorrow" contest at the 1946 Indiana State Fair. Our first-prize pen was an entry of Barred Crossbreds—Barred Rock males with White Rock hens. (We've been mating this cross for over ten years.)

Right now we're centering our attention on the "Chick of Today"—quality Barred Rocks, White Rocks and Barred Crossbreds—for the 1947 season. Honest breeding, using hundreds of special males; accurate bloodtesting, 20th year; shipments on dates promised.

We hatch the year around, specializing in Rocks. 700,000 chicks annually. Free price list.

JONES HATCHERY

25 South 3rd St. Phone 5430 Lafayette, Ind.

LeROY L. JONES, *Owner and Manager*
LUCIEN G. JONES, *Sales and Service*

production that it would probably be only a short lived opportunity. Investments in buildings was held to a minimum in many instances. Dirt floors prevail. There are no foundations,—merely concrete block pillars about every eight feet with a 2x6 on top of them. There has frequently been no grading done. If the ground rolled, the house followed the curvature of the earth. Many of the buildings are not painted

The dirt floors were a revelation to me. I had been brought up to think of dirt floors as the utmost in undesirability. I still believe that is true in most of Indiana but the dirt floors in Delaware have much in their favor.

In the first place they are not really dirt, but sand. They are relatively dry because all the surrounding ground is sandy also and drains rapidly. After each brood the top couple of inches are hauled out and fresh sand hauled in. New sandy dirt is probably available in the woods a few rods from the house.

A common practice in cleaning between broods is to hose the house down after the litter has been removed. The sandy floors filter this manure laden water. The filth is hauled out. The earth absorbs the foul odors. The inside of the Delmarva dirt floor houses after cleaning had little of the characteristic odors so common in our concrete floor houses even after scrubbing.

The houses reflect the fact that they evolved from converted shed roof laying houses and from brooder houses set end to end and built on to as volume increased. Some houses are as much as 1000 feet long. Coal brooders are used almost universally.

When new houses were built, they followed the same pattern of construction but with a feed room in the middle. A typical set-up is a house 600 feet long and 20 feet wide. It is divided into 20 rooms, 20 x 32 feet, with a 20 x 16 foot feed room in the middle. Each room has two stoves, 500 chicks per stove, making a total capacity of 20,000 broilers. These are under the care of one man. On the farms owned by the very large operators, above the feed room is a second floor which is used as a dwelling for the care taker and his family.

While this type of house has apparently given satisfaction, I can not help but feel that we have opportunities for greater efficiency with our 30 to 40 foot wide houses with few or no partitions, and with hot water brooding systems instead of the innumerable coal stoves with their undying appetites for more coal and their insistence for a regular shaking and removal of ashes. A few wider houses are now being built on the peninsula.

The one important lesson we can learn from their housing is the advantage of their universal use of feed carriers. These carriers,—low slung platform affairs suspended from overhead tracks,—are probably the chief reason why one man can handle 15,000—and in some cases, 40,000 broilers. The carriers are long enough for 5 or 6 bags of feed and several buckets of coal.

Lack of enough feed was a prime problem on the peninsula during the

One-third of all commercially grown broilers in the United States are produced in the Delmarva peninsula. Over one hundred million broilers were produced in 1946 in this area which is about the size of five or six Indiana counties.

INCREASE YOUR EGG PRODUCTION WITH

U.S. CERTIFIED

LUCAS

U.S. PULLORUM PAYED

BARRED ROCKS WHITE ROCKS

R. I. REDS NEW HAMPSHIRE REDS

S. C. WHITE LEGHORNS

U. S. Certified—Pullorum Controlled

Baby Chicks and Hatching Eggs

Blood Tested by the Tube Aglutination Method

LUCAS FEED STORE AND HATCHERY

BROWNSTOWN, INDIANA Phone 188

THE GREATEST ADVANCEMENT

IN POULTRY DISEASE CONTROL

THE SULFA DRUGS

COCCIDIOSIS USE SULFAGUANIDINE

RESPIRATORY DISORDERS USE DUATOK

Mix ½ lb. of powder in 100 lbs. dry mash

Feed 3 to 4 Days

For Product Literature, Write

LEDERLE LABORATORIES DIVISION

American Cyanamid Company

20 North Wacker Drive Chicago 6, Illinois

number of 1946. The differential, however, between the price of feed here and there, was not so great on commercial feeds as many may expect. Two and a half to three dollars per ton would cover it in most cases. Unless we make equally efficient use of our labor, our price advantage on feed can be offset. Incidentally, in Delaware, they talked about barrels of corn instead of bushels.

Of outstanding importance is the development of dressing plants in the area. These are both cooperatives, and private or corporate owned. Their capacities will run up to 2,000 birds dressed per hour. Eviscerating equipment is being added to a number of the plants.

While going through these plants, I was impressed not only with their efficient on-the-line set ups but also with the waste of by-products. In an area bewailing the lack of protein feeds, it seemed most inconsistent to see an almost steady stream of rich blood pouring into the sewer. Some plants do have machinery for reclaiming the feathers. Others are now making a dog food out of the entrails, heads and feet from the eviscerating plants. Large scale dressing drives bone the necessity of finding ways and means of making advantageous use of our by-products.

Among other impressions was the difference between the hatcheries of the peninsula that I visited and those of Indiana. The hatcheries there had almost no office force. They do not need them. There is no mail order business to mention. Orders are largely for 10,000 to 40,000 chicks instead of for 100 to 500. Most of the chicks are sold on the basis that they will be paid for when two weeks old. Those that die before then don't count.

Commendable is the service of the Neppco Hatchery Division in gathering and disseminating promptly the reports on the number of chicks started and the number of broilers that will be ready to market. This is an invaluable guide to producers, hatcheries and dressing plants.

Commendable also, is the work of the University of Delaware at their sub-station near Georgetown. There, in the heart of the broiler producing section, they carry on experimental work under conditions duplicating those found in the field.

Many of the practices followed by Indiana broiler raisers have been learned from the peninsula producers. Their practices have much to commend them, — deep litter, self-feed hoppers that work, automatic waterers, no hens, adequate cross ventilation for summer,—but just because something works in Delaware is no assurance that it should be followed here. On some things we may be able to teach them a thing or two.

Individual Members Of The State Poultry Association Of Ind., Inc.

Garnett Adam, Dubois County Hatchery, Huntingburg.
Gilbert E. Adams, 1107 Sewell, Vincennes.
Alfred J. Albrecht, Route Four, Hatcherie, Middlebury.
Mr. Chris Alexiou, Heinz's Quality Hatchery, New Albany.
Geoffrey Allred, Cornell's Indiana Co. Hatchery, Syracuse.
E. E. Allen, 124 W. Cherry, Sunsville.
Morgan Allred, 301 Main St., Vincennes.
E. W. Anderson, Poultry Bulletin, Purdue University, Lafayette.
Wm. H. Alexander, 1301 Buckeye St., Terre Haute.
Donald Antonides, Indiana Hatcheries, Lagrange.
Jerald G. Armstrong, Hoosier Flour Mill, Hamilton.
Lowell W. Armstrong, Hoosier Flour Mill, Hamilton.
Byrd Arnold, Salem's Hatchery, Woodburn.
William H. Arnold, Salem's Electric Hatchery, New Haven.
Wm. Ambrose, Auburn Hatchery, Auburn.
Marion W. Ashton, R. J. Graf Hatcheries, Evansville.
Fred Atkins, Eskarty.
Al Bade, 824 W. 3rd St., Fort Wayne.
Robert M. Badger, 1214 S. Wayne, Mentorville.
Dallas Bailey, Allen Co. Hatchery, Fort Wayne.
Cecil Bale, Noble Co. Farm Bureau Hatchery, Albion.
Henry Baker, Colonial Chick & Feed Store, Bedford.
Carl Balinger, Marvearing Leghorn Farm, Mentone.
Vernon J. Barber, 109 E. Garfield, Alexandria.
H. J. Barnsberg, Route 3, Evansville.
Rees C. Barron, Route 1, Bloomfield.
Carl Barger, Stockley's Mill & Hatchery, Kendallville.
Leon Barger, Stockley's Mill & Hatchery, Kendallville.
E. A. Barker, 824 Michigan Ave., Logansport.
Mrs. Hazel A. Barker, 824 Michigan Ave., Logansport.
Stanley Barker, Stockwell Hatchery, Stockwell.
Robert Barnett, 1402 Florence, Wabash.
Herbert Bartley, Colonial Poultry Farm, Inland.
Allen Bare, 1214 Russell St., West Lafayette.
Glen Baumgartner, Route 4, Huffton.
John H. Baumgartner, Route 4, Huffton.
Truman Baumgartner, Route 4, Huffton.

HOOSIER HEREDITY

Buy with Confidence From

INDIANA R.O.P. BREEDERS

In Indiana We Have 14 ROP Breeders Trapnesting 10,000 ROP Candidates. We have 7,133 Qualified ROP Hens in 410 Single Male Mating Breeding Pens

Each Year Thousands of Hoosier High Heredity Males Head Certified Flocks. Assure yourself of Quality Stock — Buy Indiana US ROP Males

Here are the Indiana ROP Breeders

John Border—Bourbon
Barred Plymouth Rocks

Creighton Bros.—Warsaw
S. C. White Leghorns

Dietz Poultry Farm—Center Point
Barred Plymouth Rocks
White Plymouth Rocks
W. C. White Leghorns

Marvearing Leghorn Farm—Mentone
S. C. White Leghorns

Robert P. Martin—Ramsey
Barred Plymouth Rocks
White Plymouth Rocks
S. C. White Leghorns
New Hampshires

Frank Merkle—Cayuga
White Plymouth Rocks

George Merkle—North Manchester
New Hampshires

Nelson Poultry Farm—Mentone
S. C. White Leghorns

Nelson Poultry Farm—Burket
New Hampshires

Riley Poultry Farm—Lafayette
Barred White Rocks

Silver Lake Egg Farm & Hatchery—Silver Lake
S. C. White Leghorns

Elmer Teeters—Lynn
Barred Plymouth Rocks

R. C. E. Wallace—Lafayette
Barred Plymouth Rocks

INDIVIDUAL MEMBERS OF THE STATE POULTRY ASSOCIATION OF IND., INC.
(Continued)

Leon Bomberg, Route 1, Nobleville.
Walter L. Seal, Bunker.
Wilson S. Deal, Crayden's Sterling Hatchery, Bunker.
Lemon E. Seiter, Stockley's Mill & Hatchery, Kendallville.
Walter S. Seiter, Stockley's Mill & Hatchery, Kendallville.
Arthur Seiter, Decatur Hatchery, Decatur.
James Senne, Senne Egg Farm, Hartford.
Mrs. Walter Senne, Woodruff, Wilkinson.
Paul A. Sick, Box 38, Sellers.
E. E. Sohder, Route 2, Clover.
Paul E. Seefeld, Central Chick & Feed Store, Madison.
Claude Sever, Colonial Chick & Feed Store, Madison.
J. Walker Silvers, Indiana Hatcheries, Lagrange.
Dorothy M. Sickley, Atwood.
E. E. Sickley, Jasper Hatchery, Jasper.
Raymond E. Sickley, New Salisbury.
Gordon L. Shickhall, 106 E. Grove, Somerset.
Rankin Sled, F. W. Stuller & Son, Vincennes.
Charles H. Slack, Shaver's Hatchery, Crawfordsville.
Roger Sickles, Model Hatchery, Monroe.
Gerald Sourd, Clover Valley Poultry Farm, Bunker.
Earl Solmer, Schorr's Electric Hatchery, Boonville.
Dr. S. S. Sohrer, Poultry Building, Purdue University, Lafayette.
Vergie Sohrer, Sunshine Feed Store, Marion.
Everett Sohl, Sohler Hatchery, Somerset.
John Sowder, Sowder.
Dr. G. E. Sowder, State Capital Building, Indianapolis.
Nine Lennon Sowles, Ellison Hatchery, Scottsburg.
Sunrise Study, 423 Crosby, Washington.
George E. Sweitzer, 301 Mildred, New Albany.
Earl S. Sweden, Earl Sweden Hatchery, Leavenworth.
Paul Sweden, Earl Sweden Hatchery, Leavenworth.
Van E. Sweden, O-Bi-View Poultry Farm, Leavenworth.
Dr. E. L. Sribler, Mentzerville.
Carl L. Sriggs, Butler Produce & Canning Co., Butler.
Ray Sows, Sows Hatchery & Feed, Falls, Iowa.
Ray Sows, Thorwood Hatchery, Crawfordsville.
Mrs. Jane Sows, Sows's Hatchery, Crawfordsville.
L. M. Sower, Sower's Hatchery, Converse.
W. F. Sower, Sower's Hatchery, Converse.
Hazel Sower, Sower's New Hampshire Farm, Hazel.
H. D. Sruter, Route 3, Vevay.
H. O. Sryer, Sryer Poultry Farm, Kingman.
Vic Jerome Sanford, Sanford.
Stanley D. Sprecy, Crandall Hatchery, Crandall.
Otto E. Sanley, Sanley Hatchery, Greenfield.
W. F. Sorbeck, 3804 Vermont Rd., Gary.
Dwight Sutzler, Route 4, Hymel.
H. T. Sam, Gray's Hatchery, Sunsville.
C. G. Sayer, Sayers Hatchery, Sunsville.
Hubert W. Syron, Sunset Hatchery, Vincennes.
Bertha Carr, Pennsville Hatchery, Pennsville.
Wm. Carr, Pennsville Hatchery, Pennsville.
Prof. C. W. Carrick, Poultry Building, Purdue University, Lafayette.
Howard R. Carter, Indiana Farm Bureau Co-op. Hatchery, Indianapolis.
Ralph Cale, Dekalb County Hatchery, Huntington.
Max Cattel, Sullivan Co. Farm Bureau Hatchery, Sullivan.
Owen Causey, Knox Co. Hatchery & Feed Store, Vincennes.
J. W. Chandler, Chandler's Hatchery, Lexington.
Fred Chaney, Salem Hatchery, Salem.
Earl Chapman, Route 3, Bremen.
F. E. Christian, Allied Mills, Inc., East Tipton.
Wilber Christian, Southeastern Hatcheries, Aurora.
Roy H. Clark, Rossville.
Leo Clawson, Clinton Co. Farm Bureau Hatchery, Frankfort.
Robert Clunie, Davis Poultry Farm, Bunker.
Vern F. Cochran, 415 E. Base St., Portland.
Sam Cole, Route 4, Attica.
Curtis F. Colin, Clover Valley Poultry Farm, Bunker.
Mrs. Emma Collins, Indiana Farm Bureau Co-op. Assn., Indianapolis.
Henry Collen, 909 N. Armstrong, Kokomo.
Clifford Conner, J. S. Guthrie Hatchery, New Albany.
Carlton H. Connally, Swayzee.
Carl A. Conrad, Conrad's Jackson Co. Hatchery, Seymour.
Henry A. Conrad, Conrad's Jackson Co. Hatchery, Seymour.
Frank F. Conway, Frank Conway's Breeding Farm & Hatchery, Indianapolis.
Frank V. Conway, Frank Conway's Breeding Farm & Hatchery, Indianapolis.
Clayton M. Cook, 1242 Roosevelt Rd., Franklin.
Harry E. Cooper, Route 8, Madison.
Clayton Coplin, Maywood Farmers Egg Market.
Dee Cornwell, Howard Co. Farm Bureau Hatchery, Kokomo.
Albert Crayden, Crayden's Sterling Hatchery, Bunker.
Erskine L. Crosby, New Salisbury.
Everett Curtsinger, Ellison Hatchery, Scottsburg.
Mrs. Nona Curtsinger, Ellison Hatchery, Scottsburg.
Raymond Dailey, Riley Hatchery, Fowler.
Ford Davidson, Seymour Electric Hatchery, Seymour.
Donald P. Davis, 117 W. 9th, Anderson.
E. A. Davis, South Whitley Hatchery, South Whitley.
Lawrence Davis, Shaver's Hatchery, Crawfordsville.
J. B. Davis, Sunshine Feed Store, Marion.
John W. Davis, Bunker.
Lazarus K. Davis, Bunker.
Robert Davis, Parke Co. Farm Bureau Hatchery, Rockville.
Victor L. Davis, New Salisbury.
Charles Dennis, Rising Sun.
Delbert G. Gray, Bunker.
Elmer Dear, Bunker.
Joseph R. Dear, 722 Vincennes, New Albany.
Mrs. Florenlie Deputy, Ellison's Hatchery, Scottsburg.
Kyle De Vault, Route 1, Bunker.
Edward Dewitt, Clark Co. Farm Bureau Hatchery, Jeffersonville.
Ivan Dickerson, 401 E. Jefferson, Tipton.
Max Dietz, Jr., Dietz Poultry Farm, Center Point.
W. F. Dietz, Dietz Poultry Farm, Center Point.
Alvin S. Dikowski, Lash Hatchery, Farmersburg.
M. S. Diller, M. S. Diller Hatchery, Bunker.
G. O. Dillingham, Dillingham Hatchery, Silvan.
Charles C. Dome, New Salisbury.
E. P. Dougan, Dougan Hatchery, Petersburg.
H. B. Douglas, Cass Co. Farm Bureau Hatchery, Logansport.
James E. Doyles, Douglas Hatchery & Feed Store.

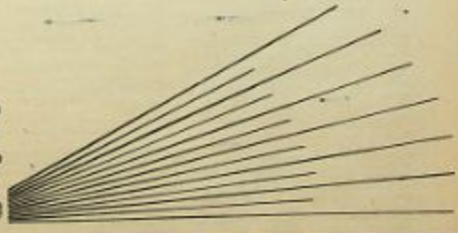
National

LEG BANDS

We supply
the largest
number of colleges
and
STATE ASS'NS.

Millions of Bands

PRODUCED
annually.



NATIONAL BAND & TAG CO., Inc. Newport, Ky.

INDIVIDUAL MEMBERS OF THE STATE POULTRY ASSOCIATION OF IND., INC.
(Continued)

Willis Dockslaer, Dockslaer Hatchery, Batesville.
Jesse J. Duke, (R.5) E. Jefferson, Crawfordsville.
Howard Downey, Dearborn Co. Farm Bureau Hatchery, Versailles.
Arvel A. Eaton, Valhalla Hatchery, Valhalla.
Drue T. Eaton, Hoosier Red Farms & Hatchery, Ramsey.
Gene Eaton, Route 1, Ramsey.
Rev. Leslie M. Eaton, Valhalla Hatchery, Valhalla.
Randall P. Eaton, Hoosier Red Farms & Hatchery, Ramsey.
Carl Eckhart, Route 1, Anderson.
Charles Edelmann, 900½ E. Main, Vincennes.
Raymond H. Eggman, Stockley's Mill & Hatchery, Kendallville.
James Elliott, Joson Hatchery, Lafayette.
Kenneth Elliott, Sunshine Hatcheries, New Albany.
Curtis Ellison, Ellison Hatchery, Scottsburg.
Fay Ellison, Ellison Hatchery, Scottsburg.
L. C. Ellison, Ellison Hatchery, Scottsburg.
Fred B. Endres, 103 E. Sonne, Frankfort.
Robert Endres, Frankfort Electric Hatchery, Frankfort.
Theodore E. Endres, Danville Electric Hatchery, Danville.
Jesse E. Erkow, 711 E. Market, Crawfordsville.
Victor V. Emery, Box 3, Roswell.
B. F. Fahnemann, Fahnemann Hatchery, Troy.
Rev. B. F. Fahnemann, Fahnemann Hatchery, Troy.
Robert S. Ferguson, Route 1, Monrovia.
William R. Ferguson, 101 Fourth, Huntingburg.
Edith L. Ferrell, Route 1, Lynn.
Fred F. Fifer, Royal Hatchery, Portland.
Otto Fifer, Sales Manager.
Robert Finnegan, Steuben Co. Farm Bureau, Angola.
Melvin Fleck, Poultry Building, Purdue University, Lafayette.
Otis Fleck, Thorntown Hatchery, Crawfordsville.
William Fleck, New Ashford.
Samuel Fox, Tipton Co. Farm Bureau Hatchery, Tipton.
Harold L. Frazier, Frazier Farm Supply, Hillsboro.
Paul J. Fuller, Stockley's Mill Hatchery, Kendallville.
Russell C. Fuss, Waterloo Hatchery, Waterloo.
Roy Fulkerson, Gordon.
Fred G. Fultz, 1215 High, Logansport.
Alfred Gaffney, Gerard's Jackson Co. Hatchery, Seymour.
Victor Gardner, Elkhart Co. Farm Bureau Hatchery, Goshen.
Orlando Gaspar, Akron.
Carl E. Gerber, Stockley's Mill & Hatchery, Kendallville.
Ralph A. Gerk, Auburn Hatchery, Auburn.
Frank J. Gier, 308 Bethel, Crawfordsville.
Roy D. Gland, Three Rivers Hatchery, Tipton.
Mrs. Stella Goldsmith, Tipton.
Hubert, Auburn.
Alden Good, McDonald's Hatchery, Sheridan.
Rice Goodman, Spencer Co. Farm Bureau Hatchery, Gerstmeyer.
H. E. Gorham, 112 West Bar St., Savannah, Georgia.
Dale Gossard, Kimmell Hatchery, Kimmell.
Gerald W. Gow, Air Blue Marsel, Hillsdale.
Lawrence Grass, Lathrop's Hatchery, Rushville.
Tom Graham, 1054 N. Forrest, Decatur, Illinois.
Mark R. Gray, Gray Agricultural Supply Co., Crawfordsville.
Virgil Gray, Gray's Hatcheries, Rossville.
Howard Green, Route 1, Dillsboro.
Jesse F. Griggs, Griggs Hatchery, Sullivan.
Alva Grimes, 607 Whitelock, Crawfordsville.
Lorel T. Grimes, Route 1, Ottawa.
Clio C. Grob, Stockley's Mill & Hatchery, Kendallville.
John A. Gross, Noble Co. Farm Bureau Hatchery, Albion.
Lee H. Gross, Rossville Hatchery, Terre Haute.
Rene N. Guyn, Neuhausser Hatchery, Surprise showroom.
Addine C. Hoarer, Rupp Bros. Hatchery, Oakshore.
David L. Habegger, Globe Hatchery & Supply, Berne.
Russell V. Hadley, Hadley Hatchery, Rensselaer.
Ernest F. Hahn, Aurora.
Blanche Hanson, Route 1, Deputy.
Isaac Hanson, Route 1, Deputy.
Robert Hamilton, Lathrop's Hatchery, Richmond.
Harold S. Hanlin, Hanlin Hatchery, Alexandria.
Lloyd J. Harmel, Ramsey.
H. E. Harner, 222 Fourth St., Logansport.
Bruce Harper, Williamsport Electric Hatchery, Williamsport.
Howard Harris, Hobart Hatchery, Hobart.
I. E. Harrod, 221 N. Main, Decatur, Illinois.
Frank C. Harvey, Farmer's Hatchery & Supply Co., Martinsville.
W. F. Hayes, 708 E. Sonne, Frankfort.
R. M. Hayman, Hayman Bros. Hatchery, Gas City.
Norma E. Hayward, Stockley's Mill & Hatchery, Kendallville.
Paul Hazel, Monroe Co. Farm Bureau Hatchery, Bloomington.
G. H. Heflin, Noblesville Electric Hatchery, Noblesville.
Bonnie Heilman, Route 3, Washington.
J. F. Heiney, C. E. Bush & Co., Huntington.
C. Helfrich, Croyden's Sterling Hatchery, Seymour.
Bill Hendricks, West Newton.
Thomas Hendricks, Putnam Co. Farm Bureau Hatchery, Greencastle.
Dallas Hepler, Hepler's Hatchery & Breeding Farm, Brazil.
Harry Herndon, Silver Lake Bar Farm & Hatchery, Silver Lake.
C. A. Herrington, Herrington Hatchery, Brazil.
E. R. Herr, Riley Hatchery, Inc., Mulberry.
Victor Hessler, Sunshine Feed Store, Mount Vernon.
Warren Hiatt, Standard Hatcheries, Terre Haute.
Lewis Hiestand, Ramsey.
W. J. Hill, Lowell Hatchery, Lowell.
Lewis Hinkle, Greenaburg Hatchery, Greensburg.
W. W. Hill, Lowell Hatchery, Lowell.
Cecil M. Hinton, Riley Poultry Farm, Lafayette.
Leland Hitch, Linton Hatchery, Linton.
D. F. Hiser, Hiser Hatchery, Grass Creek.
Fred D. Hiser, Hiser Hatchery, Grass Creek.
Ray Hochstetler, Weaver's Hatchery, Wabash.
Curtiss Hodge, Hodge Bros. Hatchery, Rochelle.
J. F. Hoskins, Three Rivers, Michigan.
Herbert Hosman, 210 Arcade Building, Decatur, Illinois.
Norman Hovener, Carter's Hatchery, Columbus.
Robert L. Hoage, Silver Lake Bar Farm & Hatchery, Silver Lake.
Robert Hoover, Hoover's Poultry Farm, North Manchester.
Wm. Harlan, Irwin Feed Store & Hatchery, Mallion.

ALL YOUR POULTRY CUSTOMERS ARE PROSPECTS FOR

THE ORIGINAL PRE•FAB

FARM BUILDINGS

CASH IN ON THE BIG SALES OPPORTUNITY OFFERED BY THIS FAMOUS LINE!

● YOU are in an ideal spot to double your income—with your 'round *Pre-Fab* Farm Building business! All your present customers are prospects—not for brooder and laying houses alone, but for many other farm buildings as well. Built in easy-to-handle sections, ready for immediate erection and use, *Pre-Fab* Buildings incorporate every practical improvement to make them weatherright and dry, corrosion-resisting and vermin-proof, exceptionally strong and long-lived—plus attractive modern lines to increase farm yard beauty. They are always in demand—practically sell themselves—and you reap the profits! Write today. Learn how you can cash in on this sales opportunity. No obligation.

PRE•FAB INDUSTRIES
1601 South Main Street
SOUTH BEND 23, INDIANA
Factory at Bremen, Indiana

INDIVIDUAL MEMBERS OF THE STATE POULTRY ASSOCIATION OF IND., INC.
(Continued)

Chester X. Hoos, Hoier's Quality Hatchery, New Albany.
Rexford S. Hoskel, 137 Wheeler, Terre Haute.
David E. Hoosier, 404 Utility Building, Fort Wayne.
[illegible] Hoosier Hatchery, Warsaw.
Alva Hoshin, Ate's Mammoth Hatchery, Huntingburg.
Nibert Hoshin, Ate's Mammoth Hatchery, Huntingburg.
Vern N. Houston, 101 S. Sutton, Sellersburg.
Thomas Howard, Howard Bros. Hatchery, Princeton.
Ethel N. Hufford, 120 W. 1st St., Rushville.
Wayne Hufer, Bourbon Hatchery, Bourbon.
John Hughes, Salem Hatchery, Salem.
Ben Hull, 128 W. Hudson, Tipton.
Walter Hunzeic, Route 4, McLeansboro, Illinois.
Duke Hunt, S. J. Graf Hatcheries, Evansville.
Carl Hurt, Freedom.
A. E. Hutchens, Noblesville Electric Hatchery, Noblesville.
S. T. Ingalls, Russel Hatchery, Terre Haute.
Kenneth Inscoll, Moore Electric Hatchery, Huntington.
Mary Rose Ireland, 132 N. Capitol, Corydon.
Howard E. Jack, Jack's Poultry Farm & Hatchery, Hewitt.
M. Ed Jackson, Warren Co. Farm Bureau Hatchery, Rockwood.
Victor H. Jackson, Benton Co. Farm Bureau Hatchery, Chalmers.
James Jay, Indiana Farm Bureau Co-op Assn., Indianapolis.
Louis L. Jenner, Carney Hatchery, Shelbyville.
John Alden Jessup, McDonald's Hatchery, Sheridan.
Lester Jones, McDonald's Hatchery, Sheridan.
Omer Johannemann, Colonial Poultry Farm, Orland.
Lena Johnson, Route 1, Odessa.
Harry A. Jolley, Route 4, Crawfordsville.
Cecil Jones, Carney Hatchery, Shelbyville.
David L. Jones, Peary Co. Farm Bureau Hatchery, Russel, Vernon.
Ernest Jones, Clover Valley Poultry Farm, Sunset.
Lester Jones, Jones Hatchery, Lafayette.
R. W. Jones, Jones Bros. Hatcheries, Batesville.
W. W. Jones, Jones Bros. Hatcheries, Batesville.
Elton Johnson, Poultry Building, Purdue University, Lafayette.
John Johnson, Kemp's Mammoth Hatchery, Princeton.
Kenneth Johnson, Dallas Ag. Assn., Swanson, Illinois.
Mark P. Johnson, Bartholomew Co. Farm Bureau Hatchery, Columbus.
R. D. Johnson, Colonial Chick & Feed Store, Rockford.
Seneca E. Johnston, Wagner Lake.
John Jordan, Shover's Hatchery, Crawfordsville.
S. L. Kane, Cave Hill Hatcheries, Fowler.
A. F. Kassing, Ripley Co. Farm Bureau Hatchery, Napoleon.
Harold Keener, Linton Hatchery, Linton.
Warren Lee Kelly, F. W. Stadler & Son, Vincennes.
Virgil Kelley, Bryant Hatchery, Bryant.
Bryan C. Kennedy, Route 1, Box 128, Noblesville.
Robert Kennedy, Kennedy Hatchery, Columbus City.
Earl H. Kepner, Carney Hatchery, Shelbyville.
Eugene Kesler, Hoosier Egg & Fruit Farm, Montezuma.
Lawrence Kessinger, Dillsboro Hatchery, Dillsboro.
Frank C. Kiley, Tipton.
Curtis D. King, King's Hatchery & Feed, Lagrange.
Loren D. King, King's Hatchery & Feed, Lagrange.
Marvin King, C. E. Bash & Co., Hettingburg.
Perry Kirk, Brinkow Hatchery, Brinkow.
R. E. Kirkham, Indiana State Feed & Hatchery, Greencastle.
Russell Kirsch, Vanderburgh Co. Farm Bureau Hatchery, Evansville.
E. A. Klausmeier, Indiana Farm Bureau Co-op Assn., Indianapolis.
Ralph Kleber, Allen Co. Farm Bureau Hatchery, Fort Wayne.
Dr. E. E. Klepinger, 909 S. 21st. St., Lafayette.
Robert Klepinger, Gray-Agricultural Supply Co., Crawfordsville.
Wayne Knauer, New Salisbury.
Rev. Elmer Knecht, Barkman's Quality Hatchery, Osceola.
Leo Knecht, Barkman's Quality Hatchery, Osceola.
Roy Knickwitt, Shover's Hatchery, Crawfordsville.
Louis Kruenkiuse, Holland.
Franklin Kunz, Ate' Mammoth Hatchery, Huntingburg.
Oliver Kunz, Ate's Mammoth Hatchery, Huntingburg.
Harold Lange, Sutton Hatchery, Aurora.
Art Lantz, Nebraska Hatchery, Devils Lake, North Dakota.
Allen Larson, Riley Hatchery, Fowler.
Fred F. Lash, Lash Hatchery, Farmersburg.
Milo Lawrence, 221 E. Oak St., Villa Park, Illinois.
Donald R. Lawson, Poultry Building, Purdue University, Lafayette.
C. J. Lawson, Lawson's Feed & Chick Store, Canton.
Ira Lawson, Crawfordsville.
Elmer C. Leonard, Dubois Co. Hatchery, Huntingburg.
Elis Learner, K. Sycamore Rd., Kokomo.
Harold Leonard, Fountain Co. Farm Bureau Hatchery, Veedersburg.
Helen B. Lee, 401 S. Conde, Tipton.
Aubery Leffler, Sunshine Hatcheries, New Albany.
Clyde Leffler, Sunshine Hatcheries, New Albany.
Geo L. Leffler, Crandall Hatchery, Crandall.
Orlando Lehman, Globe Hatchery & Supply Co., Berne.
Luther Leininger, Tipton.
Fred Lehenbauer, Brinkow Hatchery, Brinkow.
Jerre E. Leiss, Stecker's Mill & Hatchery, Kendallville.
E. W. Lesch, Noble Hatchery, Noble.
Bill Lett, Lett's Hatchery, Washington.
John Lett, 201 S. E. 3rd St., Washington.
Gordon E. Liechty, Berne Hi-Way Hatchery, Berne.
Waldo Liechty, Hobart Hatchery, Hobart.
Walter Liechty, Globe Hatchery & Supply Co., Berne.
Wayne Livengood, Vigo Co. Farm Bureau Hatchery, Terre Haute.
Al Lloyd, Tecumse Hatchery & Supply Co., Martinsville.
Thurman Lloyd, O. K. Hatchery, Lebanon.
George Loftus, Martin's Beaver Hatchery, Bainbridge.

FOR A BETTER INDIANA POULTRY INDUSTRY

The Farm Bureau Cooperative hatchery program is dedicated to the improvement of the poultry industry in the state. By encouraging the production of uniformly high quality poultry products, and by furnishing chicks that have the basic ability to produce profits for the farmer, this cooperative works to win for the farmers of Indiana their fair share of the national poultry market.

To accomplish this, the 35 Farm Bureau Hatcheries follow:

- a strict blood testing program for the control of pullorum disease.
- a rigid inspection of all supply flocks to eliminate paralysis infection.
- a breed improvement program on 3 key breedings farms to step up the potential egg laying ability of our strains.

For information on the 16 years results of this cooperative program, write

POULTRY DEPARTMENT

INDIANA FARM BUREAU CO-OP. ASSN.

INDIANAPOLIS, INDIANA

A new type bloodtesting table, leaves legs free for handling. Folds flat for transportation. Impossible for birds to get loose, a fine unit for vaccinating work as well as bloodtesting.

Patent Pending.

WALTER MILLER, Germantown, Ohio

INDIVIDUAL MEMBERS OF THE STATE POULTRY ASSOCIATION OF IND., INC.
(Continued)

Arthur Lenz, Salem Hatchery, Salem.
Fred Lenz, 1041 N. 11, Terre Haute.
Ray Leschen, Sandoval Feed Store, Princeton.
John Lesser, Lesser Poultry Farm, Indianapolis.
C. E. Lewis, Lewis Feed Store & Hatchery, Bloomington.
John N. Lewis, Alfred Mills, Inc., East Warren.
Edward Liebell, Sandoval Feed Store, Rushville.
Ray Lynch, Whitley Co. Farm Bureau Hatchery, Columbia City.
J. Howard Lyon, Johnson Hatchery & Breeding Farm, Linton.
Henry Mangin, Farmers Hatchery & Farm Supply, Martinsville.
Carlton Manners, Records Hatcheries, Bloomington.
Robert Marshall, 1101 Michigan, La Porte.
A. R. Martin, Downey's Hatchery, Terre Haute.
Charles Martin, Renwering Leghorn Farm, Hartford.
Earl Martin, Renwering Leghorn Farm, Hartford.
Ralph Martin, Renwering Leghorn Farm, Hartford.
Theodore Martin, Renwering Leghorn Farm, Hartford.
Robert Marsh, Sunset Hatchery, Bippus.
Wm. Marshall, Nashville, Michigan.
Geneva W. Martin, Ramsey.
Dr. J. Edson Martin, Poultry Building, Purdue University, Lafayette.
Lena H. Martin, Ramsey.
Robert Martin, Jr., Ramsey.
R. P. Martin, Martin's Beauty Hatchery, Ramsey.
Don Martin, Indiana Farm Bureau Co-op Assn., Indianapolis.
Russell Mast, Kokomo Electric Hatchery, Kokomo.
Charles Mason, Waterloo, Waterloo.
Harold McCoy, Christiana Hatchery, Christiana.
L. J. McGee, Stevenson's Breeding Farm, Fort Wayne.
James F. McConnell, Farmer's Supply Co., Fort Wayne.
James J. McCracken, Dealer Co. Farm Bureau Hatchery, Greenfield.
John McCrer, Route 3, Vincennes.
Clayton McCreery, McCreery's Hatchery, Hartford City.
W. C. McDowell, 40 W. Clinton St., Frankfort.
S. W. McKibben, Brookline Feed Store, Brookville.
Carl E. McKim, Salisbury Electric Hatchery, New Salisbury.
Dallas McKim, Harrison Co. Hatchery, Corydon.
Stanley Neal McKim, Harrison Co. Hatchery, Corydon.
S. S. Meaefle, Poultry Building, Purdue University, Lafayette.
Frank Meeks, Meeks Poultry Farm, Glenwood.
George Meeks, George Meeks Hatchery, South Bend.
William B. Mendell, Mattis Hatchery & Supply, Alexandria.
Alfred C. Meyer, Sumner Co. Farm Bureau Hatchery, Gimbert.
Jonathan C. Michael, 1206 Central Ave., Anderson.
Charles Mikesell, Mikesell Hatchery & Poultry Farm, Union City.
David Miles, Holland.
Clark Miller, Gray's Hatcheries, Rossville.
Herbert Miller, Ada's Mammoth Hatchery, Huntington.
Ora J. Miller, Rupp Bros. Hatcheries, Syracuse.
Robert Miller, New Salisbury.
Stanley Miller, Rupp Bros. Hatcheries, Huntington.
Roger L. Mitchum, Colonial Chick & Feed Store, Bedford.
Orville Moffitt, Barker Electric Hatchery, Thorntown.
Bernard H. Mohlke, Valparaiso Hatchery, Valparaiso.
Earl Monroe, Carney Hatchery, Shelbyville.
Alvin L. Morgan, Evansville.
Ernie Moore, Atwood.
Herb Morris, Route 4, Washington.
Fulton Mosier, Georgetown.
Walter Mosbaugh, Loyal Hatchery, Carmel.
Cyril Mozer, Geneva Co. Farm Bureau Hatchery, Orth City.
Chas Munsterman, Sunshine Feed Store, Mount Vernon.
Norman Myers, Noblitt Hatchery, Rockville.
Mrs. Walter Narwold, Route 1, Greenfield.
Mike Nash, F. W. Studer & Son, Vincennes.
R. L. Nash, Nash Hatchery, Greenfield.
D. E. Nelson, Anderson Electric Hatchery, Anderson.
Max Nelson, Nelson Poultry Farm, Hobart.
Max Nelson, Nelson Poultry Farm, Hobart.
George Nelson, Chrisman Apt., Bloomington.
Franklin Nelson, Nelson Poultry Farm, Hobart.
Lester C. Nesius, Remington.
Noble G. Nesse, Route 1, Frankfort.
Clyde Neuhauser, Star Hatchery Co., Shelbyville.
W. W. Neuhauser, Leo Hatchery, Gnaw Bone.
Harry Newell, Brown's Hatchery, Corydon.
Dale Newkirk, Dougan Hatchery, Petersburg.
John E. Nicholas, Nicholas Hatcheries, Inc., Columbia City.
A. E. Noblitt, Noblitt Hatchery, Rockville.
Harry Noergen, Angola Hatchery, Angola.
Harvey Nordman, Carter's Hatchery, Columbus.
Clarence W. Northam, Aylesbury.
Hettie L. Northam, Aylesbury.
A. H. Norton, Norton Hatchery, Petersburg.
Ed. Offenstein, 232 W. Webster St., Jackson, Michigan.
Stafford Covig, 317 Peoples Bank Building, Indianapolis.
Mrs. Fred Osborn, Heath Road, Lafayette.
Paul Overton, Lon's Hatchery & Farm Supply, Washington.
Robert Owens, Carney Hatchery, Shelbyville.
Milton Palmer, Jasper Co. Farm Bureau Hatchery, Rensselaer.
Mrs. Olive Parrs, Vanderburgh Co. Farm Bureau Hatchery, Evansville.
Donald D. Peach, Dubois Co. Hatchery, Huntingburg.
Donovan Pearson, Farmers Hatchery & Supply, Martinsville.
Paul S. Pearson, Lincoln Hatchery, South Bend.
H. W. Pedersen, 718 W. 2nd St., Clinton Junction, Iowa.
Clyde Perkins, Lebanon Electric Hatchery, Lebanon.
Luther Perkins, 711 W. Pike, Crawfordsville.
Robert S. Perkins, 712 W. North St., Lebanon.
Winfred L. Perkins, 422 Esplanade, Lebanon.
Everett Perryman, Clover Valley Poultry Farm, Kersey.
Elmer H. Peters, Marshall Co. Farm Bureau Hatchery, Plymouth.
Herman Peters, Peters Feed Service, Brook.

CHICK SEXING • POULT SEXING

Mrs. Ivan E. Ray, Office Manager, Certified I.B.C.A. Sexor. MID-WEST SEXING SERVICE office is open 24 hours a day during the spring season.

Ivan E. Ray, Owner, Manager, Holds I.B.C.A. Certificate of Proficiency as both White Leghorns and Rhode Island Reds with 99½% accuracy, speed of 1,500 per hour.

All sexors employed by MID-WEST SEXING SERVICE are given Refresher Courses and must pass rigid proficiency tests given by Mr. Ray at the beginning of each season. They are under his personal supervision at all times during the sexing season.

WHITE AMERICAN SEXORS

95% to 100% Accurate Under Actual Test.

For *fast, accurate sexors* write, wire or phone

MID-WEST SEXING SERVICE

P. O. Box 54, RICHMOND, INDIANA

COMPETENT SEXORS and DEPENDABLE SERVICE guaranteed

INDIVIDUAL MEMBERS OF THE STATE POULTRY ASSOCIATION OF IND., INC.
(Continued)

Maurice Pierce, Riley Poultry Farm, Lafayette.
Walter Peters, Peters Feed Service, Brook.
A. G. Philips, 141 Board of Trade Building, Chicago, Illinois.
James Phillips, Irvin Feed Store, Hudson.
S. L. Phillips, 404 Hoy St., Wabash.
Howard Pickett, Howard Pickett Hatchery, Noblesville.
Harold S. Pickett, Route 1, Cambridge.
John H. Pickett, Route 6, Marquette.
Wm. Foster Pickett, 1001 Greenbush, Lafayette.
William T. Pierce, Clover Valley Poultry Farm, Ramsey.
Lloyd E. Pierce, Elnora Hatchery & Feed Store, Lawrenceville.
Omer Porter, 313 W. Main St., Knightstown.
Harry E. Prier, Topeka Quality Hatchery, Topeka.
Robert Pendleton, North Judson.
Chas. Pugh, Shield Grain Co., Albion.
Everett Purdue, Purdue Hatchery, Farmland.
Jack Peterbaugh, White Co. Hatchery, Monticello.
Neil Peterbaugh, White Co. Hatchery, Monticello.
Harry E. Rankin, 142 N. Kensington, Springfield, Ohio.
Robert Rose, Corn Belt Hatcheries, Fowler.
Frank Round, Columbia Hatchery, Columbia.
Max Martin Round, Columbia Hatchery, Columbia.
Ralph Redding, Angola Hatchery, Angola.
Charles Reed, Southern Co. Farm Bureau Hatchery, Oolitic.
Wilford L. Reed, Jones Hatchery, Lafayette.
K. F. Reeder, 317 S. Meridian, Indianapolis.
Melvin Reinhardt, Decatur Co. Farm Bureau Hatchery, Greensburg.
Wm. F. Reinhardt, 311 S. Elm, New Salisbury.
Andy Reitz, Forest Hatchery, Bremen.
Fred A. Rose, 214 Jay St., Columbus.
Ed Reuter, Dillsboro Hatchery & Feed Store, Dillsboro.
Ray Ridgley, Reuter Feed Store, Princeton.
C. W. Rice, Kimmell Hatchery, Kimmell.
O. S. Ream, Fisher Building, Sullivan.
Robert C. Riley, Riley Poultry Farm, Lafayette.
Russell Riley, Seymour Electric Hatchery, Seymour.
Louis Riegle, Sunshine Hatcheries, New Albany.
Warren E. Slaver, Elkhart Co. Farm Hatchery, Goshen.
Bernie Ritter, Washington Hatchery, Washington.
Bruce Ritter, Washington Hatchery, Washington.
C. E. Ritter, Washington Hatchery, Washington.
Verne Ritter, Washington Hatchery, Washington.
Prof. Ray E. Roberts, Poultry Building, Purdue University, Lafayette.
C. L. Robb, Cardinal Hatchery, Princeton.
Mrs. C. F. Robb, Cardinal Hatchery, Princeton.
Edwin C. Robb, Cardinal Hatchery, Princeton.
Jackson Y. Robb, Cardinal Hatchery, Princeton.
William Robbins, 436 Barbour Ave., Terre Haute.
Charles Rogers, Farmers Hatchery & Supply, Bloomington.
Leland S. Roll, Poultry Building, Purdue University, Lafayette.
Kendall Rose, Round Hatchery, Terre Haute.
L. E. Rudolph, Cardinal Poultry Farm, Ireland.
Wade Randolph, Seymour Electric Hatchery, Seymour.
Norris Randolph, Seymour Electric Hatchery, Seymour.
F. H. Ramsey, Salsbury Laboratories, Plymouth.
Ralph Runyon, Lagrange Hatchery, North Vernon.
Floyd Rupert, Charlestown Hatchery, Charlestown.
J. F. Rupert, Decatur Hatchery, Decatur.
M. H. Rupp, Rupp Bros. Hatcheries, Middlebury.
V. D. Rupp, Rupp Bros. Hatcheries, Shipshewana.
Pat Ross, Sunshine Feed Store, Shelbyville.
Alvin Sargenfield, Ramsey.
J. H. Scudero, Scudero Poultry Farm, Gnaht.
Kenneth Scudero, Scudero Poultry Farm, Gnaht.
Vilas A. Schindler, Box 131, Berne.
D. W. Schnell, 16 S. Ave. N.E., Cedar Rapids, Iowa.
Raymond Schwanebergen, Poultry Building, Purdue University, Lafayette.
J. D. Schwartz, Northeast Hatcheries, Napanee.
Cora A. Scott, 207 N. Water, Crawfordsville.
George M. Scott, 1001½ W. Main, Washington.
Lee Sewell, Sewell Poultry Farm, Ramsey.
Del Seaman, 1019 Poplar, Huntington.
Glen L. Seavey, Route 1, Anoka, Minnesota.
Merle Sebor, Indiana State Feed & Hatchery, Crawfordsville.
Lewis D. Sheff, Warrick Co. Farm Bureau Hatchery, Boonville.
John M. Shanks, Stanford Hatchery, Terre Haute.
James H. Shepherd, Shepherd Hatchery & Poultry Farm, Carmelite.
Russell Sherwood, Sherwood Hatchery & Feed, New Castle.
Frances Shirling, Shirling Breeder Hatchery, Winchester.
Joe Siner, Poultry, Purdue University, Lafayette.
Frank Simons, Hi-Quality Hatchery, Warren.
Loel Skelton, Wabash Co. Farm Bureau, Wabash.
Curt E. Smith, Ramsey.
Horace Smith, Omer F. Smith White Leghorn Farm, Hagerstown.
Howard A. Smith, Stockley's Mill & Hatchery, Knightsville.
Omer F. Smith, Omer F. Smith White Leghorn Farm, Hagerstown.
Walter Smith, Frankfort Electric Hatchery, Frankfort.
J. Robert Smyth, Poultry Building, Purdue University, Lafayette.
Peter Sound, Indiana Farm Bureau Co-op Assn., Indianapolis.
E. L. Snider, Tipton.
Ira R. Sparks, Sparks Hatchery, Spencer.
Emil V. Springer, Allen Co. Hatchery, Fort Wayne.
Norman C. Springer, Allen Co. Hatchery, Fort Wayne.
Marvin A. Spencer, Columbia City Hatchery, Columbia City.
HOT STUFF, 3838 Norwalds Ave., Indianapolis.
Virgil Staley, Knox Co. Hatchery, Vincennes.
C. Ed Stanley, Route 4, Waynesville.
Cross Stare, Harvesting Leghorn Farm, Hagerstown.
Vern Stockley, Stockley's Mill & Hatchery, Knightsville.
Ezra Steiner, Steiner's Hatchery, Woodburn.
Charles W. Steeler, 311 S. Monroe, Kokomo.
Smart Stevens, Seymour Electric Hatchery, Seymour.
Frank Stephens, Stephens Hatchery, Star City.
George W. Stevenson, Jones Hatchery, Lafayette.
Gilbert Stewart, Keller's Hatchery, Elwood.
Harry Stewart, Wallace Hatchery, Lafayette.
Lloyd Stewart, Route 2, Alexandria.

DAN GILLEN & SONS

BREEDING FARM and HATCHERY

ONE OF INDIANA'S OLDEST

41 Years Breeding Poultry

26 Years in Hatchery Industry

21 Years Intensive Breeding Program

24 Years Pullorum Testing (Tube Test)

—PRODUCTION BRED—

WHITE LEGHORNS

WHITE ROCKS

BARRED ROCKS

•

Trapnest Records of White Leghorn Pullets

Year	% Qualified	Avg. Production	Egg Wt.	Body Wt.
1944-45	62%	251 Eggs	26.48 oz. per doz.	4 lb. 11 oz.
1943-44	63%	258 Eggs	26.09 oz. per doz.	4 lb. 7 oz.
1942-43	61%	249 Eggs	26.89 oz. per doz.	4 lb. 9 oz.

We have been trapnesting and progeny testing our White Leghorns for 8 years

•

WE OFFER THE ONLY BARGAIN IN CHICKS—QUALITY

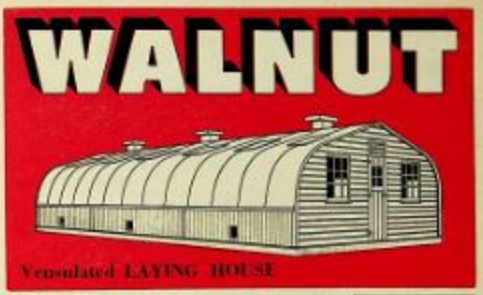
•

Write for our catalog

DAN GILLEN & SONS

R. R. 4 Wabash, Indiana

Russell Miller, Greenburg Hatchery, Greenburg.
Herman Bolger, Sunshine Hatcheries, New Albany.
Elmer Stinson, E. J. Graf Hatcheries, Evansville.
Bob Stilson, Pat Hatchery, Bryant.
Mrs. Gordon E. Stockham, Route 2, Piqua, Ohio.
Cecil R. Stoneypher, 1410½ Market, Crawfordsville.
Elmer Stoshenn, Stoshenn Hatchery, Brookville.
Floyd Strickland, Sunshine Feed Store, Princeton.
E. C. Studer, Grove Hatchery, Alexandria.
Sam Studer, Model Hatchery, Monroe.
Martin Studer, Model Hatchery, Monroe.
Paul Studer, Hi-Quality Hatchery, Warren.
Paul Studer, Model Hatchery, Monroe.
Herbert Studer, F. W. Studer & Son, Vincennes.
Paul S. Stroup, Fletcher Trust Building, Indianapolis.
George Sugrue, 801 N. LaSalle St., Chicago, Illinois.
Benjamin Sundermann, Ain's Mammoth Hatchery, Huntingburg.
Dale Sutherlin, Farm Dept., State House Room 404, Indianapolis.
Harlor E. Sutton, Sutton Hatchery, Aurora.
~~Joseph E. Swan, Graphmar Farm, Warsaw.~~
E. B. Swaim, Poultry Building, Purdue University, Lafayette.
Ray E. Swanson, Swanson Leghorn Farm, Flora.
~~Joseph Swanson, Swanson's Hatchery & Poultry Farm, Aurora.~~
Thomas Swanson, Atwood.
Delbert Taylor, 401 N. Grant St., W. Lafayette.
Harvey Taylor, Taylor's Poultry Breeding Farm, Cedar Lake.
Howard Taylor, Jasper Hatchery, Jasper.
Ryan Taylor, Taylor's Hatchery & Breeding Farm, Lynn.
Eddie Tea, Tea Range Farm Supply, Brookland.
Spencer Thayer, Thayer's Capons Hatchery, Capons.
A. J. Thomas, Standard Hatcheries, Terre Haute.
Edwin J. Thomas, Cook's Quality Hatchery, Frankfort.
Mrs. Lynn Thomas, Fairbanks.
Mary E. Thomas, 810 N. Main St., Sullivan.
C. Thomas, Route 2, Newburg.
Ora Town, New Salisbury.
Albert Trentell, Beaston Poultry Farm, Leavenworth.
Eugene Tubbs, 4908 S. Anderson, Elmwood.
Dr. F. C. Tucker, Chesney.
George Tucker, 804 East North Manchester.
Gerald Tullis, Horse Boss, Portland.
Byron Turk, Rush Co. Farm Bureau Hatchery, Rushville.
John Turner, Kefer's Hatchery, Elwood.
Paul Turner, N.W. 4th St., Richmond.
Clem H. Ulmenstein, Aurora.
Ollie Henry Ulmenstein, Aurora.
Wm. Ulmer, Hoosier Electric Hatchery, Kokomo.
Elmbach E. Ulrey, Flora Produce, Flora.
Lee E. Ulrey, Flora Produce Co., Inc., Flora.
Marion Vandenburk, Route 1, Lafayette.
L. R. Van Wormhoudt, South Bend Hatchery & Feed, South Bend.
Richard Vaught, Route 2, Box 561, Indianapolis.
Richard H. Wagner, Stockler's Mill & Hatchery, Kendallville.
Nola Walk, N. Vernon Hatchery, N. Vernon.
Faye Walker, Ellison Hatchery, Scottsburg.
Howard Walker, J. S. Gutheim Hatchery, New Albany.
H. B. Wallace, Johnston, Iowa.
C. V. Walts, Williamsport Electric Hatchery, Williamsport.
R. L. Ware, Poultry Building, Purdue University, Lafayette.
Fred Warden, Indiana Farm Bureau Coop Assn., Indianapolis.
Eugene Weaver, Kerlin Hatchery & Feed, Tolleston.
Ted Weaver, Weaver's Hatchery, Wakarusa.
Doyle A. Webb, Rose Grove.
Alva Wellhelm, DePauw.
Herbert J. Weimann, George Merkle Hatchery, South Bend.
Wm. Warner, Winamac.
Harry Whatsell, Whatsell Farm Hatchery, Washington.
Amos Whetstone, Middlebury.
Harold White, Colonial Chick & Feed Store, Bedford.
William F. White, Crayden's Sterling Hatchery, Sunman.
C. A. Wilhelm, Creede Grocery & Market, Creede, Colorado.
L. A. Wilhelm, Poultry Building, Purdue University, Lafayette.
Herner Wilhite, Dempsey Hatchery, Petersburg.
Daniel Wilhite, New Salisbury.
Arthur Williams, Heiser's Quality Hatchery, New Albany.
Chris Williams, 134 E. Oak St., W. Lafayette.
Kathryn Williams, Route 4, Vincennes.
Lloyd Williams, J. A. McCarty Seed Co., Evansville.
Marion T. Williams, Crandall Hatcheries, Crandall.
Donald E. Wilson, 316 Monroe, Rushville.
Melvin L. Wilson, Poultry Building, Purdue University, Lafayette.
W. W. Wilson, 1709 Spencer St., Terre Haute.
George Winn, New Salisbury.
Frank Winterbotton, Washington Hatchery, Washington.
Wilson Wissman, Martin's Ramsey Hatchery, Ramsey.
Bert Wolfe, DePauw.
Charles Wolf, Jasper Co. Farm Bureau, Rensselaer.
Warren J. Wolf, Henry Co. Farm Bureau Hatchery, New Castle.
Otho Wood, Waldron Hatchery, Waldron.
Robert L. Woodson, 117 W. 6th St., Rushville.
Ward Wright, Jr., Corydon.
Joseph Yannon, Thornwood Hatchery, Crandall.
M. C. Yarger, Warsaw.
Wm. Yeakey, Bass Brook Hatchery, Middlebury.
Eastern Feed Store, O.
Bryce Young, Manchester Hatchery & Feed Co., North Manchester.
Paul Zawadzki, Stockler's Mill & Hatchery, Kendallville.
Kenneth Zigler, Lawson Feed & Chick Store, Gaston.
Lowell Zile, Silver Lake.



VENSULATION!

That's Walnut VENsulation plus inSULATION . . . a powerful selling point because it's farm-tested and proved effective. Put it to work in your 1947-48 sales program.

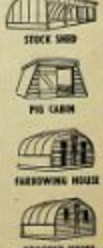
PROFITS PLUS CUSTOMER SATISFACTION

That's what Walnut provides. These Walnut *Plus Values* make and hold customers and *friends* for you: Easy Erection . . . Convenience . . . Good Quality . . . Good Looks . . . Fair Prices . . . Ventilation . . . Insulation.

Farm Buildings for Every Need

There's a complete line of Walnut quality buildings. Set up samples on your lot. . . . They'll sell themselves. Be sure you get details on the Garden Cottage for residence purposes.

WALNUT Buildings Meet All Farm Needs



WRITE TODAY for full information and for details of the Walnut merchandising program that brings resalemade customers to your salesroom.

GBH-Way Homes, Inc.

Dept. BB, Walnut, Illinois

The State Poultry Association Of Indiana

L. A. Wilhelm

"Tiny," as he is known throughout the country, is the Executive Secretary of the State Poultry Association and Indiana NPIP Administrator—to name a few titles. He is the Poultry Industry's avid representative in Indiana who tackles any problem of the industry. Pet aversion of the summer — "Georgia Approved Hatcheries."

The State Poultry Association of Indiana, Inc. was founded in 1918 and is unique in the United States. It is not the oldest Poultry Association, nor the largest. Its primary difference lies in the fact that it is the overall vehicle of organization for organized poultry activities in Indiana.

There are 2 types of membership—individual, active and associate.

Through the Association and its 3 active departments—the Baby Chick, R. O. P. and Turkey—the following activities are carried on—Annual State Meeting, Turkey Meeting, Blue Book, monthly SPAI Bulletin, Hospitalization and Surgical Insurance program, International Baby Chick Association, Poultry and Egg National Board, R. O. P. Breeders Federation, National Turkey Federation, Chicken-of-Tomorrow, and the National Poultry and Turkey Improvement Plans. In addition, the Association cooperates with county, state and national movements of poultry interest.

The officers of the Association are shown in the group picture taken at the Fall Meeting. Reading from left to right, front row: Shaver, Grayden, Ullman, Stackley and Hiesten. Back row: Smith, Wilhelm, Lathrop and Livers. Not present was Chas. Lucas, director from Brownstown.

You Can Put This Down in Your Note Book

PLAIN FACTS ABOUT CORN FOR PRACTICAL POULTRYMEN

1 Corn is the foundation for every poultry ration. No other grain can contribute so much to the diet of growing stock, market fowl or laying hens. It is the highest of all grains in nutritive value . . . about 85% digestible, averaging 67.8% carbohydrates, 7.5% protein and 4.6% fat. It is easiest to balance with available proteins, lowest in fiber, and highest in energy.

2 Corn is the cheapest of all grains — from the standpoint of nutrients per pound and yield per acre. If you are buying grain or planting a crop — consider corn. And in choosing a hybrid you will find that DeKalb offers varieties adapted to a wide range of growing conditions — which means that you can depend on early maturity and high yields of high quality feeding grain.

DEKALB

DEKALB AGRICULTURAL ASSOCIATION, DEKALB, ILL.

The first choice of America's farmers

DEKALB HYBRID CORN

Air View Of Site Of New Poultry Farm

Dr. J. Holmes Martin

Chief, Department of Poultry Husbandry, Purdue University. He has the responsibility of guiding the teaching, research, and extension divisions of Poultry Husbandry at the Purdue Campus as well as co-ordinating many other state and federal regulatory agencies.

Purdue University has purchased a 130 acre farm on the South River Road near Lafayette, Indiana, for the new Purdue Poultry Farm. The farm is 1 mile west and 1.2 miles south of the Purdue Poultry Building. This view indicates the location of the farm:

(1) Wabash River.

(2) West 40 acres to be used for turkey pasture experiments.

(3) East 90 acres (site of new poultry buildings).

(4) Junction of South River Road and Allison Road immediately above this number. There are two residences at the farm. New laying houses will be built immediately above (north) of the farmstead.

(5) The Purdue Airport is immediately east (right) and the curve in the New York Central Railroad can be seen.

All but about 5 acres of the 40 acre tract of land immediately west of the Purdue Poultry Building has been released for construction of dormitories. Army barracks from Camp Phillips, Kansas, have been moved into the wood lot and range area and have been remodeled for one and two run apartments for married G. I. undergraduates. The Women's Residence Hall will be expanded to the westward (immediately in rear of the poultry building). Proximity to sewers and other utilities made the poultry plant site extremely valuable for dormitory expansion.

Site of the New Purdue Poultry Farm $100,000 worth of buildings to be constructed

For each of the past

19 years

advertisers have found
it profitable
to invest more money
in POULTRY TRIBUNE
than in any other
specialized farm magazine.

Are you getting the most from your advertising dollar? Follow the leaders by placing YOUR ad in POULTRY TRIBUNE, America's Leading Poultry Farm Magazine.

For 19 Consecutive Years . . .

FIRST IN PAGES
FIRST IN LINES
FIRST IN DOLLARS
of ADVERTISING

Poultry
TRIBUNE

CIRCULATION—500,000 COPIES MONTHLY
MOUNT MORRIS, ILLINOIS

Victory Bonds To 4-H Poultry Teams

By Melvin V. Flock, Extension Poultryman

It was a happy day for the smiling 4-H Club boys and their coach (pictured below) when Wm. Ullman, Kokomo, President of the State Poultry Association of Indiana, presented each of the boys with a $25.00 Victory Bond. Yes, it was a happy day for "Bill" too. He knew how hard these boys and their coach had worked to win the 1946 State 4-H Poultry and Egg Judging Contest. You see, Bill had also coached a poultry and egg judging team which went to the state contest.

Twenty-six teams participated in this Annual Judging Contest which was held in connection with the 4-H Club Round-Up, Purdue University, July 8th to 10th. These teams won their right to participate in the State Contest by working their way up through local, county and district elimination contests held during the spring months.

The contest is divided into two sections. The Egg Judging Division was won by the Washington High School team, Daviess County, which was coached by Ron Frette, Vocational Agricultural Teacher. Three classes of eggs were judged on external basis and three groups of twenty eggs each were candled into U. S. Government Grades.

Gustave Thias, Vocational Teacher at Otterbein High School, Benton County, coached the first place team in Poultry Judging. Three classes of four birds each were judged on production plus three classes of marked poultry.

The Washington team coached by Ron Frette also won first place in the entire contest which is made up of the combined Egg and Poultry contest plus a written quiz on Poultry Judging and Management.

Winners of the 1946 State 4-H Poultry and Egg Judging contest are pictured below with their Victory Bonds. They are left to right—Jack Utterback, Don Pershing, Bill Green, Ron Frette (Coach), and Louis Alexander, Washington High School, Daviess County.

REDUCE DEATH LOSSES
from TRACHEITIS and FOWL POX
with the
ORIGINAL
Egg-Propagated
VACCINES

Let Veterinary Science protect your flock against Tracheitis and Fowl Pox. Under the latest ruling from the U. S. Dept. of Agr., all fowl vaccines must be produced by the chick-embryo (egg-propagated) method.

The year 1938, marked the beginning of VINELAND'S production of EGG-PROPAGATED VACCINES for the Poultry Industry—the same year we were granted the FIRST license by the U. S. Department of Agriculture. Now, under the latest government ruling, all fowl vaccines must be produced by the chick embryo (egg-propagated) method which was FIRST used by our laboratory. Here is another example of the vanguard role played by Vineland Poultry Laboratories in servicing the industry with contamination-proof products which assure flocks lifelong immunity from Infectious Laryngotracheitis and Fowl Pox.

Science protect yourself by making vaccination an essential part of any program to prevent or check losses. The method is simple—inexpensive—and the benefits are great.

Proved on Millions of Birds without Reported Failure.

Vineland Poultry Laboratories' Vaccines are produced under an exclusive biological Control, and an officially approved laboratory technique originated in these laboratories. The result is invariable quality and superior products.

To protect purity and potency, Vineland Poultry Laboratories' Vaccines are actually grown only inside of eggs from our own large-time, high disease resistant flock, then vacuum-sealed in glass. These original methods make Vineland Poultry Laboratories' Vaccines potent, sure and safer to use.

Because of demonstrated purity and potency, Vineland Poultry Laboratories' Vaccines are used regularly by 150 State and Federal Institutions.

All Vineland Poultry Laboratories' Vaccines are trade-marked to warn of imitations. Demand the "winged" egg" trademark shown below.

These birds are suffering from an acute attack of Infectious Laryngotracheitis. Two have succumbed and others are gasping for breath.

Losses up to 70% from acute attacks of Tracheitis are not unusual, yet such losses may easily be prevented through vaccination with Vineland Laryngotracheitis Vaccine.

VINELAND TRACHEITIS VACCINE
Recommended for routine vaccination of young birds, six weeks or older, also for emergency vaccination of laying flocks.

VINELAND FOWL POX VACCINE
Recommended for the routine vaccination of young birds. It may be administered at the same handling as the Tracheitis Vaccine.

VINELAND PIGEON POX VACCINE
Recommended for emergency vaccination of laying flocks where Fowl Pox threatens.

VINELAND STAINED ANTIGEN
T. G. Forest—Rapid Whole Blood Method Test
For the detection of Pullorum Disease. A precision product, tested for accuracy by two independent laboratories, then retested in our own laboratory.

FREE—A very practical, accurate handbook on disease control.

Vineland Poultry Laboratories' Vaccines are produced under U. S. Veterinary License No. 198, issued by the U. S. Dept. of Agriculture. They may be obtained from dealers, poultry co-operatives, or direct from

DR. ARTHUR D. GOLDHAFT, Director

LOOK FOR THE NAME AND THIS TRADEMARK

VINELAND POULTRY LABORATORIES
Box 70 IA Vineland, New Jersey

19 Years of Pedigreed Poultry Improvement Indiana U.S.R.O.P.

Clete Willows

Clete—or "Chub"—is one of the field men for the State Association. An Oklahoma A. & M. poultry graduate, Clete went directly into the Army where he served in the M. P.'s. In college, Clete worked at the Oklahoma Sec. Laytor Test where he had opportunity to work with birds from many different breeders. A quiet gentleman from the Plains of the Southwest, Clete knows his poultry—and relies work—Army Style.

This is the 19th year for U. S. R. O. P. in Indiana—nineteen years of steady improvement by Indiana R. O. P. Breeders, improvement that has well passed those minimum standards begun 19 years ago, improvement that is still seeking to produce a better quality chick for the Poultry Industry.

"The purpose and objective of the Association shall be to produce better strains of poultry possessing an inherent ability to lay heavily and having superior meat qualities." Thus, these words taken from the constitution of the Indiana R. O. P. Poultry Breeders Association give you the standard sought by R. O. P. in Indiana.

R. O. P. is the third of the four breeding stages of the National Poultry Improvement Plan.

The very best birds which a breeder has are the ones entered as candidates for ROP. These birds, usually wing-banded or pedigreed birds, are carefully selected from hundreds or thousands of pullets. This selection is based upon the appearance of the bird and her family background. Only superior individuals with excellent family records for egg production, livability, fertility, hatchability, egg size, body size, rapid growth and rapid feathering are banded as ROP candidates. These birds must be free from standard disqualifications and must be a true type representative of the breed.

All ROP candidates which make their record and are officially approved and banded are Indiana, USROP hens. The record which the birds must equal or better is to have laid 200 eggs their candidate year. The weight of these eggs must average 2 ounces each or 24 ounces per dozen. The body weight of the birds must be 3½ pounds on light breeds and 4½ pounds on heavy breeds. Before these birds are banded they are again checked for Standard disqualifications and breed characteristics.

A pedigree male or a wing-banded male is not an ROP male. An ROP male is the offspring of an ROP hen and ROP male in single male matings, properly pedigreed and wing-banded and after reaching 6 months of age, is inspected, approved and officially banded. Each ROP male is carefully selected, usually on a family or record basis and must be free from standard disqualifications and be a true representative of breed and variety. Each ROP male shall be a healthy, vigorous bird possessing masculine traits denoting constitutional vigor.

ROM is the fourth breeding stage of NPIP—with these qualifications.

An ROM female is an ROP bird that has 50% of her daughters entered in US ROP qualify for US ROP and a minimum of four that qualify.

An ROM male is an ROP male that has 50% of his daughters that are entered in US ROP qualify for US ROP with a minimum of 20 that qualify.

Again, as in the years past, ROP in Indiana continues to grow. More candidates are being entered in ROP. There is an increasing demand for ROP males to head breeding flocks. This demand is being met by Indiana ROP Breeders of White Leghorns, White Rocks, Barred Rocks and New Hampshires.

Indiana ROP breeders shall continue producing birds capable of wearing a copper band—a band of quality.

The following chart shows the growth of ROP in Indiana:

	1938-39	1940-41	1941-42	1942-43	1943-44	1944-45	1945-46	1946-47
No. ROP Breeders	12	12	12	14	12	12	12	14
No. Pullets Entered in ROP	11,168	11,222	16,677	13,711	13,850	15,959	18,900	22,400
No. Females Qualified as ROP	2,264	2,428	4,451	4,609	3,970	4,816	7,009	
No. Qualified ROP Females in Pens	1,979	2,313	4,064	4,347	4,404	4,622	6,168	
No. Qualified ROP Males	1,721	1,582	6,741	6,976	6,808	4,919	11,078	

SHAVER'S CHICKS

Do ! ! Produce Profits ! !

Because they are

1. Tested to Live
2. Bred to Grow
3. Bred to Lay

All Chicks are from U. S. Approved Pullorum Controlled flocks.
See our Big New Hatchery Building. We're proud of it.
Junction of State Roads 34 and 43

SHAVER'S HATCHERY

Noel Shaver, Owner — Crawfordsville, Ind.

BE WISE . . . MODERNIZE

with CYCLONE Poultry Supplies

THE LAST WORD IN ELECTRIC BROODING

the CYCLONE ELECTRIC BROODER

Ask For Our Free Catalog

THE CYCLONE MFG. CO.

URBANA, INDIANA, U.S.A.

The First Year of the Chicken-of-Tomorrow Contest

E. W. Andersen
Purdue Extension Poultryman. "Ernie" came from Iowa to Hoosier, Indiana, and he is a Purdue graduate. He took over the job of Extension Poultryman for 31 Central Indiana counties last year after serving over five years in the U. S. Army. Also had experience with a large feed company and the State Egg Board.

The first year of the three year Chicken-of-tomorrow Contest is now history and the contest is out of the blueprint stage. The Indiana 1946 winner was an entry made by Lucian Jones of Jones Hatchery, Lafayette. The winning entry was "Barred-White Hybride" produced by mating Barred Plymouth Rock males to White Plymouth Rock females. For the last several years Jones has been selling crossbreds of this kind to broiler raisers. These crossbreds were outstanding in the dressed bird exhibit, according to Mr. G. M. Cangy, Government poultry grader for the Wadley Company, Indianapolis, who was judge of the Indiana contest.

Second place was won by Frank Conway of Indianapolis. These birds were Buff Orpingtons and showed the excellent results secured from many years of selective breeding for both good meat qualities and Standard characteristics.

Third and fourth places were won by the Riley Poultry Farm, Lafayette, with their white and Barred Plymouth Rocks respectively. These entries were good examples of what can be produced in meat type chickens by following good breeding practices.

At the annual meeting of the State Poultry Association at Turkey Run, Certificates of Merit were presented to the above name prize winners and to the Corn Belt Hatchery, Oxford, on their entry of Barred Plymouth Rocks and to Lemo Stonebraker, Corunna, on a Barred-Hamp Cross entry. These certificates were presented by Hobart Creighton, Warsaw, who is a member of the Chicken-of-Tomorrow National Committee.

There were many hatcherymen and poultrykeepers who stood on the sidelines and watched the Chicken-of-Tomorrow Contest during this first year of its operation. These people apparently wanted to see how the contest would be accepted by the public. Also, they seemed to want to see what the competition would be like. A great increase in enrollment is expected for next year because of this natural caution.

Many people are asking about the rules which govern the contest, so a summary of the rules are given as follows. Anyone can enter the contest. It is not restricted to hatcheryman. If any poultryraiser thinks he has birds which are of the ideal type, and could place well in competition against other well feshed chickens, they are urged to enter the contest. There is no entry fee, but each contestant must file a separate card for each entry with the Chicken-of-Tomorrow Committee, State Poultry Association, Lafayette, Indiana.

An entry consists of one hundred to three hundred straight run chicks desired, as long as the breeder is able to reproduce the stock. These contest birds must be housed separately from other birds on the range and must be marked by some form of distinguishing mark. The 1946 growth period was sixteen weeks. Twenty live birds from each entry were shipped to the contest and fifteen of them were dressed. The best twelve were exhibited in a standard box pack as a dressed poultry display in the refrigerator display case in the Horticulture Building while the best four of the five live birds were displayed in the Poultry Building during the Indiana State Fair. There was a great amount of interest in the combined live and dressed display of poultry.

CARTER'S HATCHERY

White Wyandottes—Fishel and Zwick Strains

White Rocks—Fishel and Overbrook Strains

Barred Rocks—Dryden Strain

White Leghorns—Brownell Strain

Four leading Breeds from America's BEST carried on by a Breeder-Hatcheryman of 39 years' experience.

U. S. APPROVED AND PULLORUM TESTED

Quality products at a fair price.
A dependable place to trade.

Baby Chicks, Hatching Eggs, Ten Week Old Cockerels and Breeding Stock.

Box B COLUMBUS, INDIANA

"The Better They Eat ...The Better You Live!"

Baby chicks, pullets, layers and turkeys are working for you *only* when they're eating. If what they're eating is highly nutritive—as well as appetizing—they'll earn more for you. So now's the time to call on the buttermilk-vitamin nutrition in . . .

SEMI-SOLID BUTTERMILK EMULSIONS

. . . for better eating by poultry. The better they eat, the better you live! So— buy, feed and recommend Semi-Solid NOW.

CONSOLIDATED PRODUCTS COMPANY

Danville, Ill. Evansville, Ind. Vincennes, Ind.

The National Committee of the Chicken-of-Tomorrow Contest has set up plans for the contest to run for three years. The first two years are to follow very much the same procedure. Since poultrymen and hatchery operators have been able to see the contest in operation, they realize the advertising value attached to such exhibits as were shown at the Indiana State Fair. They have also seen the levels of quality other entrants were able to establish. Many of these persons who were not in the contest this past year feel they can equal or surpass this year's entries of birds. It is this spirit of friendly competition which makes for progress in breeding work in poultry. Undoubtedly there were many hatcherymen who were not showing their stock to the public this year but who are making plans to enter the Chicken-of-Tomorrow Contest this coming year. They have been trying out various crosses on their own farms to determine what breeding stock they have on hand which will "nick" when the strains or varieties are crossed.

For anyone to enter the third year of the contest, it is necessary for them to have been entered in either, or both, of the first two years of the contest. Therefore, anyone who is doing a creditable job of breeding should enter this coming year in order to be eligible for entry in the final year of the contest.

The Chicken-of-Tomorrow Contest has given wide publicity of the poultry industry to the consuming public. The persons who stopped at the refrigerated showcase and admired the dressed birds in the exhibit were not all poultry raisers. Most of them were much more interested in eating chickens than in raising them. If the contest will stimulate poultry raisers to meet this critical demand for better poultry, then it has done a very good service to the poultry industry.

Lucien Jones
Lafayette, Indiana, holding one of the five birds from his exhibit which won the 1946 Indiana Chicken-of-Tomorrow Contest held at the Indiana State Fair. This first prize pen was an entry of Barred Crossbreds—Barred Rock Males with White Rock Hens.

Denbo's Chicks

U. S. Approved—Pullorum Controlled

S. C. Reds
White Rocks
Barred Rocks
New Hampshire
Rock-Red Crossbreds

DENBO'S POULTRY FARM

SETH DENBO Phone 208-3 R. R. 1, English, Ind.

RED COMB

POULTRY FEEDING PROGRAMS

For

"Quality Results at Low Cost"!

Write For Literature

HALES & HUNTER CO.

141 W. Jackson Blvd. Chicago 4, Illinois

"Germicidal Lamps"

Excerpts from a talk—Farm and Hatchery Sanitation
Presented at the 20th Annual Meeting

By Dr. A. R. Winter, Ohio State University

Germicidal Lamps. Special electric lamps such as the Westinghouse Sterlamp, the General Electric Germicidal lamp and the Sporti Sportifyer produce an abundance of ultraviolet light rays in the region of 2550 Angstrom units. These light rays kill micro-organisms when they shine on them for a period of time. We have observed the following results with a germicidal lamp on Salmonella pullorum:

Distance from Lamp	Time required to kill
1 inch	5 seconds
12 inches	10 seconds
20 inches	1 to two minutes
36 inches	5 to six minutes

Germicidal light rays will not penetrate a film of dust, dirt or grease. They will only kill germs exposed on the surfaces of objects or in the air which are in their direct path.

The lamps produce some ozone forming and some vitamin D rays as well as bactericidal rays. In case a ration is being used which is on the borderline of vitamin D deficiency, the use of germicidal lamps will result in slightly better growth or egg production and fewer cases of crooked breasts or thin egg shells.

We have observed the following vitamin D effects of germicidal lamps:

Trial 1

	Weight 6 weeks	Bone Ash
Exposed chicks (Rations of feed 1 in., 5 min. daily)	410 gms.	41.9%
Unexposed controls	390 gms.	33.9%

Trial 2

	Weight 10 wks.	% Crooked Breasts	Mortality
Vitamin D and germicidal lamp	3.4 lb.	0	10%
Vitamin D and filtered light	3.3 lb.	14	12%
No Vitamin D and germicidal lamp	2.9 lb.	55	20%

Germicidal lamps will reduce the bacterial count slightly in incubators and separate hatchers. However, they cannot be used as a substitute for incubator fumigation. Not many of the bacteria pass in the direct light of the lamps and many of those that do, remain too short a time to be killed. The lights cannot be used in the hatching trays because they will blind the chicks.

Germicidal lamps have been used in laying houses to observe their effect on mortality of layers. The results obtained at Ohio State have been variable. The following data are typical from a trial conducted during a 28 week period (October 10, 1945—April 23, 1946).

	Ave. Production	Mortality
White Rocks—		
Filtered light	109	11%
Germicidal light	108	4
White Rocks—		
Filtered light	96	41
Germicidal light	96	11
White Leghorns—		
Filtered light	106	18
Germicidal light	104	17
New Hampshires—		
Filtered light	88	8
Germicidal light	87	4
Regular light	108	8

The lights are being used under practical laying house conditions again this year, which will be the third year for the test. An outbreak of colds hit the farm a few days ago. The germicidal did not prevent the spread of the infection to the pens in which they were used. It is too early yet to know if the infection will be as severe or the slump in production as great in the germicidal light pens as in the control (filtered light) pens.

It is believed that the germicidal lights will not take the place of ordinary light bulbs for supplying light rays for stimulation of egg production. (Refer to the trial above with New Hampshires). The light rays are too short.

Germicidal lights should be suspended more than 4 ft. from the birds to avoid injury to their eyes. A person working near the lights should wear glasses or turn the lights off until the work has been completed. Dust should be removed from the lamps daily by means of a clean cloth.

Germicidal lamps may be used as a supplement to but not as a substitute for other sanitation practices on the poultry farm and in the hatchery.

MERKLE'S NEW HAMPSHIRES

Indiana's largest exclusive New Hampshire hatchery

U. S. Approved **Pullorum Controlled**

Guaranteed Livability
Fast Growth
Higher Production

All Breeders tube tested by F. C. Tucker, DVM

George Merkle Hatchery

R. R. 1 North Manchester, Indiana

VAL-A

- Remedies and Biologics
- Hatchery Supplies
- Poultry Equipment
- Barnyard Equipment
- Season Chicken and Turkey Katchers
- Tar-Gosan Fabric Cement
- Rat-Rid and Soot-Rid
- Tan-A-Far Hog Tonic
- Dip and Disinfectant
- Phenothiazine
- Rateides (ANTU, Squill, Phosphorus, Gas)
- Drugs, Chemicals
- Insecticides, Disinfectants
- Weed Killers—All Types
- Anthracine Oil Carbolinium
- Saponified Cresylic Solution
- Wheat Germ Oil

AGRICULTURAL SUPPLIES

Reliable!
Prompt!

Write for FREE Catalog

VAL-A COMPANY

709-710 W. Root St.
Chicago 9, Illinois

Listings of Indiana Hatcherymen by Towns

Dealers

Complete Feed Stores 0.

Hatcheries

ADAMS
Noble Co. Farm Bureau Hatchery; 60M; 35. who.

Shield Grain Co. Hatchery, 108 W. Jefferson; 65M; 97.

ALEXANDRIA
Alexandria Branch of Geneva Hatcheries, 102 S. Cave; 15M; 22; who.
Hoosier Hatchery & Supply, 114 W. Church St.; 40M; 80.

AMO
Red Wing Hatchery; 20M; 12.

ANDERSON
A.B.C. Hatchery, 121 W. 8th St., 20M.
Anderson Electric Hatchery 208 E. 8th St.; 17M; 16.
Eckhardt's Hatchery, 1745 Jackson St.; 37M; 16.
Ritter's Hatchery and Feed Store, 1001 Main St.; 80M.

ANGOLA
Angola Hatchery; 110M; 46.
Foster Hatchery; 12M.
J. H. Powell; (?).
Her-O-Poultry Farm; 7M.
Steuben Co. Farm Bureau Coop.; 44M; 16.

ARCOS
Arcos Hatchery; 16M.

ARLINGTON
Arlington Hatcheries; 17M.

ATLANTA
Atlanta Hatchery; 16M; 16.

ATTICA
Attica Electric Hatchery, 113 N. Perry St.; 32M; 38.
Cole's Turkey Farm, Rt. 4.
Fox Small Hatchery, Route 2; 30M.

Dealers

Wright's Hatchery; 41M.

AUBURN
Auburn Hatchery; 60M 46.
DeKalb Co. Farm Bureau Hatchery, N. Indiana Ave.; 104M; 40.
Gerber Leghorn Farm, Box 15.

AURORA
Sutton Hatchery, 3rd & Bridgeway; 130M; 34; who.**

BAINBRIDGE
Mrs. Ben Simmons Turkey Farm; 24M.

BATESVILLE
Thayer Hatchery, 31M; who.
The Hatchery, R. R. 1; 32M; 18.
Thielfoe Hatchery, R. R. 1; 30M.
Dunkenman Hatchery; 25M; 12.

BEDFORD
Colonial Chick & Feed Store, 840 E. 14th St.; 100M; 18.
Bar Cornelius Hatchery, 816 15th St.; 70M.

BENDIX
Horse Hi-Way Hatchery; 81M; 70; who.**
Globe Hatcheries and Poultry Farm; 112M; 3; who.**
Lindenlust Rex Farm, R. R. 1; 31M.

BERNETTE
Paul's Pullorum Leghorns; 13M.

BLOOMFIELD
Nash Hatchery; 40M; 20.
Bloomfield Mill & Elevator Co.; 21.

BLOOMINGTON
Farmers Hatchery & Supply, Co., Inc., 314 W. Kirkwood Ave.; 152M; 24.
Marion Co. Farm Bureau Coop. Hatchery, 400 S. Washington; 61; 18.
Brand's Hatchery, 100 N. Morton St.; 18M.

BLOOMINGVILLE
Wilson-Shirley Grain Co.; 20M.

Sold Into Industry SPA and IBOA Membership.

BLUFFTON
Baumgartner's Sinfion Hatchery, R. R. 4; 102M; 91; 0; who.**
Baumgartner's Hatchery, 110 S. Johnson; 4; who.**
Sinfion Milling Co. & Hatchery.
Star Hatchery Co., 225 E. Wabash; 84M; 16; who.

BOONVILLE
Schorr's Electric Hatchery; 170M; 118; who.**
Warrick County Farm Bureau Hatchery; 20M.

BOWELL
Sunrise Hatchery; 16M; 46.

Dealers

Bird Feeder Hatchery; 84M; 15; who.**
Bourbon Hatchery; 60M; 16.

BRAZIL
The National Hatchery, 104 W. National Ave.; 162M; 104; who.**
Remington Hatchery, State Road 240 W.; 80M; 30; who.**

BREMEN
Heber Hatchery; 144M; 45.
Hepler's Hatchery; 16M; 20.

BRISTOW
Bristow Hatchery Co.; 42M; 84; who.**

BROOK
Peters Feed Service; 44M; 20.

BROOKVILLE
Little Cedar Hatchery, R. R. 4; (?).
McKibben Hatchery; 18M.
Brubaker's Hatchery and Feed Store, 201 Main; 80M; 35.

BROWNSTOWN
Lacey Feed Store & Hatchery; 44M.
Bert W. Boling Hatchery.
Springbrook Poultry Farm, R. R. No. 1

BRYANT
Bryant Hatchery; 46M; 16.
Flat Hatchery, R. R. No. 2; 40M; 22.

BURKET
Nelson Poultry Farm; 44M; 3; who.**

BUTLER
Butler Produce & Canning Co., Inc.; 41M; 21; who.

CAMPBELLSBURG
Campbellsburg Hatchery, Box 186; 40M.

CARBRIDGE CITY
Simpson's Hatchery; 44M.

CANNELTON
Shepherd Hatchery & Poultry Farm, R. R. No. 1, Box 181; 84M; 80; who.**

CATUSA
John C. Wright.

CHESTERTON
Rev. A. E. Dixon, R. R. 1.

CARLISLE
Ellis Hatchery; 36M.

CARMEL
Carmel Hatchery and Supply Co.; 24.
Loyal Hatchery; 16M; 1.

CEDAR GROVE
Frank Forrester; 40M.

CEDAR LAKE
Taylor's Poultry Breeding Farm; 15M.

CENTER POINT
Dietz's Poultry Farm; 56M; 46; who.**

CHRISNEY
Spencer Co. Farm Bureau Hatchery; 48M; 40; who.**

CHURUBUSCO
Churubusco Hatchery; 104M; 46; who.

CLAY CITY
Reynolds Hatchery; 40M; 46; who.**

CLAYPOOL
Nettle Poultry Farm; 65M; 17.

Good Chicks Do Not "Just Happen" That Way

They are the result of a continually improved Breeding Program and the most careful selection.
Twenty years ago, when the first Rupp Brothers Hatchery was established, a definite breeding program was at once put into effect. Today there are four Rupp Brothers' Hatcheries, all continuing with that program. There could be but one result from such breeding . . . QUALITY CHICKS.

WE HATCH EVERY WEEK OF THE YEAR

Constant demands from leader and dark minus keep our incubators running at all times. Rupp Brothers are furnish you with highest quality chicks any at every week you want them.

U. S. Approved and U. S. Pullorum Tested

All breeding flocks are U. S. Approved and U. S. Pullorum Tested.
Every Rupp Brothers' chick is healthy and full of pep.

EACH YEAR THOUSANDS OF SELECTED HENS ARE MATED WITH WING BANDED, PEDIGREED MALES OF PROVEN HIGH PRODUCTION RECORDS.

Combined Egg Capacity Now 345,000

Our four plants have a capacity of 345,000 eggs.
This insures our customers ability to get chicks when they want them.

We Sell Both Wholesale and Retail. Write Today for Latest Folder and Prices.
All Inquiries Receive Our Prompt Attention. Quotations By Return Mail.

RUPP BROTHERS' HATCHERIES

Middlebury, Ind. • Shipshewana, Ind. • Delta, Ohio
Address Plant Nearest You

YOUR KIND OF CHICK

This year you can buy the kind of chicks you would like to sell if you were at hatcheryman. They're LETT'S CHICKS.

Broad Breasted Bronze Poults
WHITE ROCKS
BARRED ROCKS
NEW HAMPSHIRES

40 YEARS BREEDING POULTRY
12 YEARS OPERATING A GROWING HATCHERY

LETT'S HATCHERY

WASHINGTON, INDIANA

Listing of Indiana Hatcheries by Towns — Cl-Co

(Continued from page 30)

CLOVERDALE
Baker Tyler Farm; 72.
COAL CITY
Coal City Hatchery; 203.
COLLEGE CORNER, OHIO
College Corner Hatchery; 108; 15.
COLUMBIA CITY
Columbia City Hatchery; 405; 16; wh.**
Kennedy Hatchery, R. R. 1; 228; 25.
Kuhlmann Epidemic, Inc.; 438; 18; wh.
Whitley Co. Farm Bureau Hatchery; 303; 18.
COLUMBUS
Bartholomew Co. Farm Bureau Hatchery; 323; 21.
Carter's Hatchery, 233 Franklin St.; 303; 46; wh.*
Columbus Hatchery, 304 Franklin St.; 1153; 46; wh.**
CORNUCKY
Charles Jones, R. R. No. 1; 136.
CONNERSVILLE
Golden Rule Hatchery; 108 W. 4th St.; 443; 16; wh.
Eike's Hatchery, 227 Central Ave.; 453.
COVINGTON
Brown's Hatchery 1003; 16; wh.**
CORYDON
Harrison Co. Hatchery; 1323; 75; wh.**
Quebbeman Hatchery; 136; 1; wh.
Scudder Hatcheries, 114 E. Walnut St.; 1203; wh.
COVINGTON
Covington Electric Hatchery; 103.
B. E. Reeds, R. R. No. 1; 106.
CRAIGVILLE
Mrs. Joe Reinhardt; 134.
CRAWFORD
Crawford Hatchery; 1303; 70; wh.
Thousand Hatchery; 4103; 103; whi.
CRAWFORDSVILLE
Gray Agricultural Supply Co., 302 E. Market St.; 403; 42; wh.**
Shaw's Hatchery, 113 W. Main St.; 1103; 130; wh.**
W. A. Shaw Co.; 403; 31.
CROWN POINT
Harden's Hatchery; 173.
DALE
Weller's Dale Hatchery; 103.
DANA
Douglas Hatchery & Feed; 103; 16; wh.
DANVILLE
Danville Electric Hatchery; 403; 40.
DARLINGTON
Hatt Hatchery; 303.
DECATUR
Decatur Hatchery, 123 W. Monroe St.; 103; 50; wh.**
Dill-Dale Hatchery, R. R. No. 4; 103.
DELPHI
Carroll Co. Farm Bureau Hatchery; 103; 42.
Gray's Hatcheries; 703.
Keefer Hatchery and Feed Mill, Franklin St.; 303; 21; wh.
DEMOTTE
Meiberth's Farm Hatchery; 413; 13.
DEPAUW
Clover Valley Poultry Farm & Hatchery; 1203; 100; wh.**
DEPUTY
Wilson's Hatchery, R. R. No. 1; 103; 70.
DILLSBORO
Dearborn Co. Farm Bureau Hatchery; 103; 30; wh.
Dillsboro Hatchery & Feed Co.; 303; 35; wh.**

Sold fine Infinite EPA and IBCA Membership.

DUNKIRK
Shafer's Electric Hatchery, 103 S. Washington; 1403; 85; wh.**
EATON
Smith's Electric Hatchery; 303.
ECONOMY
Economy Hatchery; 203.
EDINBURG
Sunshine Farm; 43; 1; wh.**
ELKHART
Pokrandt Hatchery, 613 Bedford St.; 313.
ELWOOD
Kistler's Hatchery & Poultry Farm; R. R. No. 1; 403; 25.
Williams Hatchery & Supply, 118 S. 18th St.; 923; 46; wh.**
ENGLISH
Deeble's Poultry Farm; 973; 20; wh.
EVANSVILLE
E. J. Graf Hatcheries, Inc., 1107 E. Virginia St.; 163 M; 213; wh.
McCarty Seed Co., 328 N. W. 4th St.; 723; 37.
Vanderburg County Farm Bureau Hatchery, 1412 First Ave.; 833; 60.
EWING
Clearwater Hatchery; 43; 1; wh.
FAIRBANKS
Mrs. Lewis Thomas, R. R. No. 1; 0; 40; wh.**
FARMERSBURG
Lamb Hatchery; 223; 50; wh.**
FARMLAND
Parsley Hatchery; 163; 100; wh.**
C. K. Toolsen Hatchery; 303.
FLORA
Flora Produce Hatchery, Inc.; 103; 24; wh.**
FLOYD KNOBS
White Oak Poultry Farm; 136.
FONTANET
Fontanet Hatchery; 113; 12.
FORT WAYNE
Allen Co. Hatchery, N. Harrison St.; 953; 46.
Allen Co. Farm Bureau Hatchery, 437 W. Superior St.; 903; 42; wh.**
Epple's Lecture Farm, R. R. No. 4; 223.
McCue Hatchery & Feed Mill, R. R. No. 3; 1413; 56.
Quality Hatchery, 2107 Sky Run Ave.; 103.
Louis Schorpenhorst, R. R.; 213.
FOWLER
Riley Hatchery; 603; 16.
Cara Belt Hatchery; 603; 24.
FOWLERSTON
Fowlerton Hatchery; 223.
FRANKFORT
Clinton Co. Farm Bureau Hatchery, 103 McKinley Ave.; 923; 46; wh.
Cook's Quality Hatchery, 1104 Russville Ave.; 423; 21; wh.**
Frankfort Electric Hatchery, 104 N. Main St.; 1303; 71; wh.
Unger's Hatchery, R. R. 3; 323; wh.**
FRANKLIN
Franklin Hatchery, 41 E. Court St.; 103.
Smitherman's Hatchery; 203.
FREEDLANDVILLE
Fisher's Hatchery; 103; 12.
FREETOWN
Limberlost Hatchery; 53.
FREMONT
Fuel Rose; 0; 3.
FRENCH LICK
Charles Gallaway; 143.
Hoosier Hatchery, Box 215; 103.
GALVERSTON
Ramsey Hatchery; 203.

BABY CHICKS
BREEDING STOCK

BARRED ROCKS

R. O. P. Supervised Trapnesting.
Breeders tested each year for tuberculosis.

U.S. RECORD OF PERFORMANCE

U.S. CERTIFIED

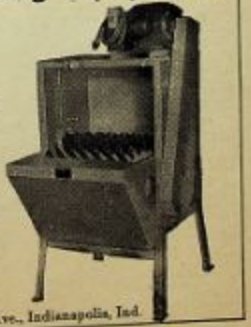
U.S. PULLORUM TESTED

ELMER TEETERS

R. R. 2, LYNN, INDIANA

Poultry Dressing Equipment

Pickers
Scalders
Gas or Electric
Heat Control
Automatic Water Level
Shipping Coops
Fingers for all Pickers
Drop Pans
Troughs, Etc.
Poultry Pickers
Holding Batteries



W. A. OATES

Distributor of
Poultry Equipment
Garfield 5838 1601 Edwards Ave., Indianapolis, Ind.

Listing of Indiana Hatcheries by Towns — Ga-Ko

(Continued from page 53)

GARY
Hoosierch Turkey Farm, 2440 Willowbrook Road.
GASTON
Victor Byrne; 5; 6; wha.**
Lowson Chick and Feed Store; 42M; 80; wha.**
GENEVA
Geneva Hatchery, 62M; 40; wha.**
Linkenhat Hatchery; 40M; 70; wha.**
GLEEDS
Schlatter's Poultry Farm & Hatchery; 20M; 1; wha.**
GOSHEN
Hoover White Leghorn Farm & Hatchery, R. R. No. 2.
Elkhart Co. Farm Bureau Hatchery; 260M; 50.
Gudeon Poultry Farm Hatchery; 45M.
Hadess Turkey Hatchery.
Lewis Hatchery & Farm Supply, 1193 Chicago Ave.; 160M.
Lewis R. Harvey, R. R. No. 3; 22M; 35.
Pelagie Poultry Farm & Hatchery; 65M; 1.
GRANGER
Hi-Breed Hatchery, Box 25; 25M; 50; wha.
Lee Hatchery; 16M; 35; wha.
Sander's Poultry Farm Hatchery; 100M; 40; wha.
GRASS CREEK
Hiser Hatchery; 60M; 20; wha.**
GREENCASTLE
Burk's G.E. Hatchery, 3 E. Franklin; 14M; 35; wha.
Indiana State Hatcheries, 108 N. Jackson; 40M; 60; wha.**
Putnam Co. Farm Bureau Hatchery; 60M; 35.
Round Hatchery; 47M.
GREENFIELD
Smithwinn Hatchery, 202 E. Main St.; 120M; 100; wha.
Zike Hatchery, 159 S. Main St.; 20M.
GREENSBURG
Decatur Co. Farm Bureau Hatchery; 90M; 35.
Greensburg Hatchery, 304 W. Main St.; 104M; 225; wha.
Schoenlaub Hatchery, R. R. No. 7; 24M.
GREENTOWN
Greentown Hatchery; 12M; 16; wha.
Hensinger Hatchery; 24M.
GREENWOOD
Star-Gill Hatchery; 70M.
GROVERTOWN
Chalfant Hatchery, 30M; 1; wha.*
GWYNNEVILLE
Gwynneville Hatchery (?).
HAGERSTOWN
Gene F. Smith White Leghorn Farm; 31M; 1; wha.*
HAMLET
Jack's Poultry Farm & Hatchery; 6M; 1; wha.**
Mr. Walter Visting; 22M; 1; wha.
HAMMOND
Hammond Feed Store & Hatchery; 12M; 20.
HANNA
Jonas Bros. Hatcheries; 90M; 40.
HARTFORD CITY
McCrory's Hatchery; 47M; 40.
Quality Hatchery; 16M; 20.
HAUBSTADT
Tri Boogs Farm Supply; 16M; 35; wha.**
Wonderland Poultry Farm; (?).
HAILEYVIL
Hudson Farm Supply, Box 132; 6; 20; wha.*

*Sold two Indiana BPA and BCA Membership.

HEBRON
Big River Turkey Farm; (?).
Hebron Hatchery; 16M; 8.
HILLSBORO
Frazier Farm Supply; 14M; 15.
HOBART
Byron Peck; 12M.
Hobart Hatchery; 44M; 50; wha.
HOLLAND
Holland Hatchery; 22M.
HOPE
Hope Hatchery; 100M; 40; wha.**
HUNTINGBURG
Ala Mammoth Hatcheries; 1,600M; 1200; wha.
Dubois Co. Hatchery; 175M; 300; wha.
HUNTINGTON
C. E. Smith & Co., Inc., 549 Warren St.; 112M; 40.
Sunny Crest Hatchery; 14M.
INDIANAPOLIS
Lower Poultry Farm, R. R. 20; Box 495; 23M.
Peach Conway Breeding Farm & Hatchery, R. R. No. 19, Box 494B; 42M; 35.
East Side Hatchery, 4915 East 21st St.; 24M.
Riverside Seed Store Hatchery, 18 N. Alabama; 22M.
Five Points Hatchery, R. R. 4, Box 461; 24M.
Fluffy Down Hatchery, 3119 N. Sherman Drive; 12M.
Hoosier Doll Hatchery, 4451 W. Washington; 24M.
Indiana Farm Bureau Co-op. Hatchery, Ann., Inc., 410 Kentucky Ave.; 240M; 150; wha.**
Jackson-Overmeyer Co., 11 No. Alabama; 82M.
Rose Hatchery, R. R. No. 6, Box 600K; 43M.
IRELAND
Colonial Poultry Farm; 8; 150.
Hein's Hatchery; 22M.
Shamrock Hatchery; 130M; 50.
JAMESTOWN
Jamestown Hatchery and Feed Store; 6.
JASONVILLE
Corder Hatchery & Supply Co.; 42M.
JASPER
Jasper Hatchery, 205 E. 6th St.; 106M; wha.
Miller Hatchery; 80M.
C. A. Niehoff.
JEFFERSONVILLE
Clark Co. Farm Bureau Hatchery; 60M; 90.
Simerton's Hatchery, R. R. No. 1; 4M; 5.
KENDALLVILLE
Steckler's Hatchery, 224 E. Mitchell St.; 180M; 40.
KENTLAND
Kane's Quality Hatchery; 30M; 24.
KEYSTONE
Sharpe's Leghorn Farm; 32M.
KIMMELL
Kimmell Hatchery; 36M; 6.
KIRKLIN
Clinton Co. Hatchery; 35M.
KNOXVILLE
Diamond Hatchery; 80M; 40; wha.
Newbury Hatchery; 32M; 25.
KNOX
Oak Park Hatchery, 604 Portland St.; 9M; wha.
KOKOMO
Howard Co. Farm Bureau Hatchery; 75M; 50; wha.
Kokomo Electric Hatchery, 407 N. Hackley St.; 18M; 35; wha.*
Lantz Brothers, R. R. No. 4; 31M; 20.
Tom Feed Store Hatchery, 132 W. Morgan St.; 80M.

WALLACE'S **Paywell** Indiana U.S.R.O.P.

BARRED ROCKS

For more than 26 years the Wallace "Paywell" strain of Barred Rocks has been bred for good health, heavy laying, large eggs, large body size and full breasted meat quality. It's the improved meat-egg strain backed by years of pedigree breeding, family selection, and Pullorum control. For extra eggs and better meat birds, raise Wallace "Paywell" Barred Rock Chicks from our U. S. Certified Matings.

Circular on request

U.S. Approved Pullorum Clean — U.S. Certified

R. C. E. WALLACE
No. 2 N. 2nd St.
Lafayette, Indiana

YE MODERNE METHOD

Now, more than ever—

THE MAKOMB LINE
MACOMB, ILLINOIS

See your Makomb Dealer

WORLD'S LARGEST BUILDER OF BROODERS

Listing of Indiana Hatcheries by Towns—Ko-Ma

(Continued from page 55)

KOUTS
Ziebke Hatchery; 46M.

LAFAYETTE
Fitting Hatchery, 11 S. 2nd St.; 24; 44; wha.**
Jones Hatchery, 16 S. 4th St.; 125M; 40; wha.
Riley Poultry Farm, R. R. 2; 140M; 80; wha.**
Wallace Hatchery, 2 N. 2nd St., 180M; 60.

LAGRANGE
Indiana Hatchery; 94M; 305 wha.**

LAKE VILLAGE
Ideal Hatchery; 99; 4.
Hartwood Turkey Farm.

LAKEVILLE
High View Egg Farm & Hatchery; 34M; 1; wha.*

LAPORTE
Bertz Feed Store and Hatchery, 304 S. Clay; 16M; 36.
Jason Boss, Hatchery, 208 Lincoln; 250M; 108; wha.

LEAVENWORTH
Earl Breeden Hatchery; 46M; 35; wha.**
O-Ki-View Poultry Farm; 104M; 184; wha.**

LEBANON
Lebanon Electric Hatchery, 224 W. South St.; 60M; 45.
O. S. Hatchery, 206 S. Lebanon; 40M; 45.

LIBERTY
Little's Hatchery; 80M.

LIBERTY CENTER
Good Luck Hatchery; 16M.

LIGONIER
Lignonier Hatchery; 76M; 46; wha.**

LINTON
Johnson Hatchery & Breeding Farm, 48 W. A St.; 82M.

LISTON
Leather's Corner Hatchery; 73.
Liston Hatchery; 14M; 45.

LOGANSPORT
Case Co. Farm Bureau Hatchery, 140 E. Opione St.; 90M; 35.
King's Hatchery & Feed, 130 5th St.; 45M; 35; wha.
The Logan Hatchery, 824 Michigan Ave.; 80M; 51; wha.**

LOGGANSPORT
Chandler's Hatchery; 100M; 30; wha.**
Crooke's Hatchery; 32M.

LOWELL
Lowell Hatchery; 32M.

LYONS
Swengle's Leghorn Farm; 6M.

LYNN
Teeter's Hatchery & Breeding Farm, R. R. 2; 82M; 34.
Thomas Hatchery; 43M.

MADISON
Colonial Chick & Feed Store; 104M; 150; wha.**
Chathen's Hatchery, R. R. 1; 18M.
Ellison's Hatchery; 102M; wha.
Irwin Feed Store & Hatchery; 44M; 30.
Hudson Hatchery, 404 W. Main; 40M.
Wickliam Hatchery, R. R. 6; 49M.

MANILLA
Hustin Hatchery; 12M.

MARENGO
Springdale Hatchery; 72M.
Summers Poultry Farm, R. R. 1; 18.

MARION
Cole's Hatchery, 418 Boots St.; 70M; 20.
H. T. Stevens, 1211 S. Galatin St.; 12M.
Sunshine Feed Store, 407 E. 4th St.; 64M; 36; wha.**
Thomas Milling Hatchery, 1106 S. Branson St.; 92M; 16.

Bold face indicates IPA and IBCA Membership.

MARYSVILLE
Parsons Hatchery & Supply Co., 101 N. Jefferson St.; 420M; 112; wha.*
Silk Maple Lane Poultry Farm, R. R. 1; 32M; 7.
Hartsville Hatchery, 171 N. Main; 97M; 20; wha.

MAYWOOD
Wm. Jakob Hatchery, Box 147; 140M; wha.

MEDORA
H. Lee Poultry Farm; 48.
Jones Hatchell Hatchery; 35M.

MERRILLVILLE
Shore Bird Farm & Hatchery; 32M; 1; wha.**
Grant Hatchery; 40M; 1; wha.
Smith Egg & Hatchery Farm; 97M; 1.
Whitney Hatchery; 32M.
Shoemaker Chick Farm; 180M; 1; wha.**
Porter Poultry Farm; 120M; wha.**

MICHIGAN CITY
Tuhchki Feed & Hatchery, 124 W. 4th St.; 11M.

MICHIGANTOWN
Kessler Hatchery; 184M; 84; wha.**

MIDDLEBURY
Plank Hatchery; 18M.
Schlatter Hatchery; 71M; 35; wha.
Rupp Brothers' Hatcheries; 180M; 60; wha.

MILAN
Jones Hatchery, R. R. 2; 16M.
Miller Hatchery; 62M.
Miss Pearl Stable; 6; 20.

MILFORD
Clickinson Hatchery; 28M; 16.

MILLTOWN
Ale Rice Mound Hatchery; 280M; 100; wha.

MISHAWAKA
Barker Turkey Hatchery; 21M.
Mishawaka Hatchery, 119 E. 3d St.; 32M.
John B. Dawson, R. R. 2; 16M.

MITCHELL
Sunshine Hatcheries, 7th & Main Sts.; 140M; wha.

MODOC
Modoc Hatchery; 64M; 139; wha.**

MONON
Model Hatchery; 64M; 100; wha.**

MONROE
Model Hatchery; 104M; 150; wha.**

MONROEVILLE
Fieedale Farm Hatchery, R. R. 1; 17M; 12.

MONTICELLO
Gray's Hatcheries; 89M.
White Co. Hatchery; 35; wha.** 48M.

MONTPELIER
Montpelier Hatchery; 45M; 45; wha.**

MOORELAND
Moreland Grain Co.; 26M.
McCoy Hatchery; 80M.

MORGANTOWN
White Hill Poultry Farm.

MOROCCO
Morocco Electric Hatchery

MORRISTOWN
W. W. Zike Hatchery; 40M; 84; wha.

MOORESVILLE
Southerner Hatchery; 100M.

MOUNT VERNON
Phillips Hatchery, R. R. 2; 18M.
Posey Co. Farm Bureau Hatchery; 427 4th St. W; 44M; 16.
Sunshine Feed Store; 42M; 48; wha.**

MULBERRY
Gray's Hatcheries; 60M; 50.
Riley Hatchery; 80M; 86.

BUSCO EGG-MASTER CHICKS

White Rocks Barred Rocks

New Hampshire

High Livability—Fast Growth—Higher Production

A Pullorum Passed Hatchery

CHURUBUSCO HATCHERY

CHURUBUSCO, INDIANA

CUGLEY

Builds Up PROFITS!

PROFITS through economical operation.
PROFITS through savings in labor.
PROFITS through high hatches.
PROFITS through space saving floor arrangements.

Write For Full Information

Indiana Representative: B. J. DeWitt, Zeeland, Michigan

CUGLEY INCUBATOR COMPANY

WHITE PIGEON, MICHIGAN

Listing of Indiana Hatcheries by Towns—Mo-Ro

(Continued from page 16)

MUNCIE
Bower's New Hampshire Farm, R. R. No. 9; 4M; 1.
Cecil Poultry Farm, R. R. No. 5; 12M.
Michael Pekarik Hatchery, 1008 Broadway.
Muncie Electric Hatchery, 609 E. Walnut St., 48M; 18.
Dunaway Feed Store.
Lincoln Hatchery, R. R. No. 3.
MUNSTER
Nuwaver Hatchery, Ridge Rd.; 40M.
Nuwaver Hatchery, Inc.; 140M; 18.
Miller's Hatchery; (7).
Triangle Feed Service.
NEW ALBANY
Gerhardt Hatchery, Inc., R. R. No. 1; 184M; 80; wbs.
Baker's Quality Hatchery; Box 287; 403M; 136; wbs.**
Doughlas Hatcheries, 413 E. Market St.; 102M; wbs.
Home Hatchery; 87M; 18.
NEWBERRY
Balmer Hatchery; 6M.
NEW CASTLE
Baker's Hatchery, 1214 S. 14th; 36M.
Henry Co. Farm Bureau Hatchery; 62M; 11.
Sherwood Hatchery & Poultry Farm; 45M; 20.
New Castle Hatchery, 208 S. 12th St.; 40M; 18.
NEW HARMONY
New Harmony Hatchery; 16M.
NEW SALEM-HOUGH
Oakwood Poultry Farm & Hatchery, R. R. 1; 11M; 8; wbs.
Reinhart's Hatchery; 140M; 36; wbs.
Salsbery Electric Hatchery, 122; 60; wbs.
NIBLESVILLE
Model Anderson Hatchery; 84M; 40.
Oakwood Leghorn Farm, R. R. 1; 20M.
Reinhardt's Electric Hatchery; 402 Logan St.; 47M; 36.
Bernard Fisbett Hatchery; 48M; 30.
NORTH JUDSON
Wolf Brothers Hatchery; 100M.
NORTH MANCHESTER
Jackson Feed Store; G.
Silverwood Poultry Farm; 40M; 1.
Chester View Poultry Farm, R. R. 3; 10M; 1.
George Markle Hatchery; 16M; 18; wbs.
Hoover's Poultry Farm; 20M; 1.
Manchester Hatchery and Supply, 406 W. Main; 80M; 36; wbs.**
NOTRE VERNON
Lagrange Hatchery; 44M; 42; wbs.**
North Vernon Hatchery, 61M; 40; wbs.
OAKLAND CITY
Dragoo Hatchery, 102 N. Grove; 24M.
Roberts Hatchery; 30M.
OSCEOLA
Jackson Quality Hatchery, R. 1; 112M.
Shea Hatchery; 80M.
OSGOOD
Ripley Co. Farm Bureau Hatchery; 100M; 46.
Thayer's Sunset Hatchery; 80M; 42.
OSSIAN
Gibbs Hatchery & Poultry Farm; 45M; wbs.**
Ossian Hatchery; 46M.
OTTERBEIN
Otterbein Electric Hatchery; 33M; 24.
OTWELL
Otwell Milling Co.
OWENSVILLE
Owensville Hatchery
Hooker Hatchery; 18M.
OXFORD
Corn Belt Hatchery; 30M; 21.
Sell See Indiana SPA and IHCA Membership.

PAOLI
Farmers Hatchery & Supply Co.; 65M; 40.
PERKIN
Conklin's Hatchery; 100M.
PENDLETON
Burk's Hatchery, Route 1; 80M; 40; wbs.**
PERNVILLE
Pernville Hatchery; 20M.
PERU
Hoffman Hatchery, 111 S. Broadway; 90M; 50; wbs.**
Farmers Supply Co.; 40M; 18.
PETERSBURG
Duncan Hatchery; 32M; 40; wbs.**
Durham Hatchery; 30M; 36; wbs.**
PLAINFIELD
Hoffman's Poultry Farm; 30M.
PINE VILLAGE
Pine Village Hatchery & Feed Store; 16M.
PITTSBORO
Pittsboro Hatchery; 30M; 18.
PLYMOUTH
Marshall Co. Farm Bureau Hatchery; 110 W. Adams; 62M; 36.
Fletcher's Plymouth Hatchery, W. LaPorte St.; 40M.
Swanson Leghorn Farm, R. R. 3; 16M; 1; wbs.*
PORTLAND
Blair Hatchery, R. R. 12; 12M.
Hayes Bros. Hatchery; 175M; 200; wbs.
POSEYVILLE
Poseyville Hatchery; 40M; 50; wbs.
PRINCETON
Cardinal Hatchery; 180M; 150; wbs.
Barnard Bros., R. R. 2, Box 201; 56M; 40; wbs.**
Easy's Mammoth Hatchery; 46M; 300; wbs.
Sandoval Feed Store & Hatchery; 115M; 90; wbs.**
RAMSEY
Clover Valley Poultry Farm & Hatchery, Box 56; 160M; 500; wbs.
Cryden's Sterling Hatchery; 60M; 180; wbs.
Davis Poultry Farm, R. R. 3; 97M; wbs.
Hoosier Red Farm & Hatchery; 225M; 150; wbs.
Mastin's Ramsey Hatchery; 45M; 110; wbs.
REMINGTON
Fairview Hatchery; 141M; 66; wbs.
Wilder Electric Hatchery, R. R. 2, Box 21; 30M.
RENSSELAER
Hadley Hatchery, 114 E. Washington St.; 180M; 75; wbs.*
Jasper Co. Farm Bureau Hatchery, Box 278; 62M; 30.
RICHMOND
Jeffries Hatchery, 828 W. Main St.; 32M.
Lefever's Hatchery, 32 N. 4th St.; 250M; 140; wbs.
Porterfield Hatchery; 47M.
Wayne Co. Farm Bureau Hatchery; 80M; 36.
ROANN
Roann Hatchery; 32M; 30; wbs.**
ROCHESTER
Rochester Feed Store, 605 Main St.; 6.
ROCKPORT
Scarbrough's Hatchery, Box 475; 48M; 12.
ROCKVILLE
Hedge Bros. Hatchery, Box 179; 90M.
Nabitt Hatchery; 42M; wbs.
Parke Co. Farm Bureau Coop. Hatchery; 62M; 24; wbs.
Thomas Hatchery; 30M.
ROSEDALE
General Hatchery (Atherton); 45M.
Rosedale Electric Hatchery; (7).

U.S. RECORD OF PERFORMANCE

U.S. CERTIFIED

A Breeding Farm
with
3,500 Breeders

U. S. R. O. P. Barred Rocks
Day Old or Mature Cockerels
U. S. Certified Barred Rocks
U. S. Pullorum Controlled

White Rocks White Leghorns
New Hampshires

U.S. PULLORUM CONTROLLED

John Border Hatchery

U.S. APPROVED

Route 2 BOURBON, INDIANA

MANAMAR
TRADE Reg. U. S. Pat. OF. MARK

FEEDS
are rich in
B-G Plus
(PARK PROCESSED CONDENSED FISH SOLUBLES)

Manamar supplies essential fish proteins, food minerals and vitamins, including important Vitamin B "Complex." These factors furnish extra

STRENGTH • STAMINA • POWER

for sustained profitable production of livestock and poultry.

COMPLETE NUTRITION

can protect your flocks against production slumps and loss of vigor. Try MANAMAR Feed and see what a "whole of a difference" MANAMAR can make.

If you mix feeds for sale and want a really complete program, write us for a free ManAmar Service Manual and territory information.

PHILIP R. PARK, Inc.
608 S. DEARBORN, CHICAGO 5, ILLINOIS
SAN PEDRO, CALIF.

Listing of Indiana Hatcheries by Towns — Ro-Wa

(Continued from page 59)

ROSEVILLE
Gray's Hatchery; 160M; 90; wbs.**
ROYAL CENTER
Royal Center Hatchery; 85M; 35; wbs.
RUSHVILLE
Quality Egg Hatcheries; 126 E. 2nd St.; 900M; 80; wbs.
Rush Co. Farm Bureau Hatchery; 600M; 35.
Rush Co. Hatchery; 30M.
Sunshine Feed Store & Hatchery, Purdue and First Sts.; 60M; 30.
ST. MEINRAD
Side Filter; 8; 30; wbs.*
Andrew Fissaan; 15M.
SAINT PAUL
Farmers Hatchery; 20M.
SALEM
Bedingfield Hatchery; 16M.
Salem Hatchery; 325M; 350; wbs.
SCOTTSBURG
Geo. Adams; 13M.
Hilton Hatchery; 40M; 80; wbs.
SHELTYVILLE
Sharon Poultry Farm; 18M; 18; wbs.**
SHELBYVILLE
Schlosberg Hatchery; 18M; 18.
SILVERCREEK
Carroll's Jackson Co. Hatchery; 300M; 175; wbs.
Jackson Co. Farm Bureau Hatchery, Box 277; 60M; 40; wbs.*
Martin Schneider Hatchery, R. R. 1; 10M.
Sunnyside Electric Hatchery, 127 E. 2nd; 300M.
F. H. Stanley Hatchery, R. R. 1; 11M; 1.
SHELBYVILLE
Arthur's Shelby Hatchery, 401 W. Franklin St.; 11M; 20; wbs.*
Causey Hatchery; 300M; 200; wbs.
Sunshine Feed Store, 411 E. Washington; 45M; 45.
Vitality Feed Store & Hatchery, 19 W. Rampartree; 10M.
SHERIDAN
McDonald Hatchery; 60M; 200; wbs.
Sheridan Hatchery, 104 E. Georgia; 12M.
Pioneer Hatchery and Poultry Farm, R. R. 3; 30M; 60; wbs.*
SHIRLEY
Alexander Hatchery; 30M.
SHOALS
Martin's Hatchery; 11M; 50; wbs.**
SILVER LAKE
Silver Lake Feed Farm & Hatchery, Box 148; 60M; 60; wbs.**
SILVER GROVE
Hatchery; 10M.
South Bend Feed & Seed Co.; 300M; 25.
SOUTH WHITLEY
South Whitley Hatchery; 40M; 15.
SPENCER
Green Hedge Farm; 12M.
Kessel Hatchery; 40M; 45.
STAR CITY
Mr. John E. Carver, Jr.
Stephens Hatchery; 50M; 1; wbs.**
Ludwig Little Poultry Farm; 9; 14M; 1.
L. J. Seehorn; 20M.
STOCKWELL
Stockwell Hatchery; 10M; 7.
SULLIVAN
Mr. Wm. Pierce; 3; 10; wbs.*
Grigsby Hatchery, 17 E. Jackson; 61M; 130; wbs.**
Hillenbrand Hatchery; 44M; 80.
SULPHUR SPRINGS
Osborne Hatchery; 12M.

Bold face indicates BPA and IBCA Membership.

SWAYZEE
Kitzro Hatchery; (?).
SWITZ CITY
Switz City Farm Bureau Hatchery; 10M; 15.
SYRACUSE
Syracuse Hatchery; 30M.
TERRE HAUTE
Alvor Feed Co., 129 Ohio St.; 17M.
Ball Poultry Farm, R. R. 1; 10M.
Downey's Hatchery, 3rd & Poplar Sts.; 125M; 100; wbs.**
Hall's Hatchery; 6.
Quality Hatchery, 2914 Hutson St.; 6M.
Record Hatcheries, Consolidated, 210 Walnut St.; 164M; 100; wbs.**
Standard Hatcheries, Inc., 132 S. 9th St.; 311M; 300; wbs.**
Stewart Hatchery.
Turnbaugh's Hatchery, 1409 N. 6th St.; 24M.
Vigo Co. Farm Bureau Hatchery, 1st & Cherry St.; 62M; 56.
THORNTOWN
Barker Electric Hatchery; 102M; 70; wbs.
Johnson's Hatchery; 35M.
TIPTON
Tipton Co. Farm Bureau Hatchery; 16M; 20.
Tipton Hatchery, 321 Court St.; 56M; 50; wbs.
TOPEKA
Topeka Quality Hatchery; 40M; 12.
Yoder Hatchery, Box 314; 10M.
TROY
Fontpanch Hatchery; 12M; 15.
TWELVE MILE
Kelly Leghorn Farm; 24M.
UNION CITY
Bowie & Son Hatchery; 104M; 1; wbs.**
Mikesell Hatchery & Poultry Farm, R. R. 3; 30M; 1.
The Rural Hatchery & Supply Co.; 75M.
URBANA
Kate Shaffer Hatchery; 13M.
VALLONIA
Vallonia Hatchery; 40M; 75.
VALPARAISO
Theodore A. Bell, R. R. 3; 16M; 1.
North Woods Farm Hatchery; 6M; 3.
Sunset Hill Hatchery, R. R. 1; 5M.
Strong Poultry Farm; (?).
Valparaiso Hatchery, E. Lincolnway; 60M; 25.
VEVAY
Fountain Co. Farm Bureau Hatchery; 4M; 40; wbs.
VERA CRUZ
Baumgartner's Stuffing Hatchery; 100M.
VEVAY
R. R. Brown Hatchery; 40M; 80; wbs.**
Switzerland Co. Farm Bureau Hatchery; 20M; 20; wbs.
VINCENNES
Community Hatchery, 914 Main St.; 60M.
Knox Community Hatchery, 834 Main St.
Geneva Hatcheries, 22 N. 2nd St.; 40M; 100; wbs.**
Knox Co. Hatchery & Feed Store, 212 N. 1st St.; 117M; 100; wbs.**
F. W. Stutler & Son, 903 Main St.; 20M; 15.
WABASH
Don Gilles & Sons Breeding Farm and Hatchery, R. R. 4; 24M; 35.
Wabash Co. Farm Bureau Hatchery, 414 S. Miami St.; 100M; 65; wbs.
WAKARUSA
Wagner's Hatchery; 40M; 80.
WALKERTON
Wolfrum Hatchery; 54M; 40.
Wood Hatchery; 90M.

GENEVA HATCHERIES

U. S. Approved Pullorum Controlled Chicks

Every Flock Mated With
Wingbanded Males from
R.O.P. Breeders

U.S. APPROVED

U.S. APPROVED

GENEVA HATCHERIES

GENEVA INDIANA

E. C. STUCKEY, Prop.

Wholesale Distributors of

"A GOOD-RICH FEED FOR EVERY NEED"

POULTRY AND
HOG SUPPLIES
POULTRY LITTER

Good Rich

TRACK GRAIN — FIELD SEEDS

GOODRICH BROTHERS CO.

Winchester, Indiana

Listing of Indiana Hatcheries by Towns — Wa-Wo

(Continued from page 61)

WALKERTON
Fish Lake Hatchery, R. R. 1; 16K; 16.
Teubkin Farm Hatchery, R. R. 2; 16K.
WANATAH
El-Quality Hatchery; 42M; 46; wha.**
Wanatah Community Hatchery; 75K.
WARSAW
Warsaw Feed Store; 6.
Paul Cook, R. R. 2.
Crossley Hatchery, R. R. 6; 106K; 1; wha.*
Kimmer Hatchery, Inc.; 42M.
Tall Turkey Farm; 16K.
WASHINGTON
Lee's Hatchery & Farm Supply Store, 105K; 10; wha.**
Washington Hatchery, 307-311 W. Main St.; 32K.
Wheatfield Farm Hatchery, R. R. 2; 16K; 5.
WATERLOO
Waterloo Hatchery; 32K; 20; wha.
WATERTOWN
Pike's Hatchery; 4K.
WEST LAFAYETTE
Gray's Hatchery, 201 State St.; 6.
WEST PORT
West Port Hatchery; 12K; 18.
WHEATFIELD
Wheatfield Hatchery; 12K; 16.
WILLIAMSPORT
Williamsport Electric Hatchery; 42M; 30.
WINAMAC
Winamac Hatchery; 12K; 4; wha.
Bold face indicates IPA and IBCA Membership.

WINCHESTER
Goodrich Farm Supply
Sweers Feed Hatchery; 5M.
White River Hatchery; 40M.
Shirling Breeder Hatchery, R. R. 4; 12K; 1.
WOODBURN
Steiner's Hatchery; 40K; 56; wha.**
WORTHINGTON
Griffith Feed Store; 4.

BAUMGARTNER'S

U. S. APPROVED

U. S. Approved Pullorum Controlled Quality Chicks in 15 breeds. Wholesale and Retail. Also hatching eggs.

ALL U. S. APPROVED
- ENGLISH WHITE LEGHORNS
- WHITE ROCKS
- BARRED ROCKS
- S. C. RHODE ISLAND REDS
- BROWN LEGHORNS
- BUFF ORPINGTONS
- NEW HAMPSHIRES
- WHITE WYANDOTTES
- BUFF ROCKS
- BUFF MINORCAS
- WHITE MINORCAS
- WHITE GIANTS
- LIGHT BRAHMAS
- ANCONAS

MIXED OR STRAIGHT RUN

U. S. APPROVED

Many Pedigreed Males used in English White Leghorns, White Rocks and Barred Rocks.

We operate Buckeye Electric Streamliner incubators and hatchers.

Order our Chicks with Confidence. Established in 1926.

Baumgartner's Hatcheries

BLUFFTON AND VERA CRUZ, INDIANA

THERE'S NO GUESSWORK ON FARM BUREAU FEEDS

Every bag of Farm Bureau feed carries a special tag stating the exact number of pounds of every ingredient used. This "open formula" policy was pioneered by the Co-op for one reason; to let its patron-owners know *everything* they're getting for their Farm Bureau feed dollars. It's one more reason why so many farmers are saying, "You can trust Farm Bureau feeds for quality and performance."

FEED DEPARTMENT

INDIANA FARM BUREAU COOPERATIVE ASS'N

INDIANAPOLIS, INDIANA

"THERE'S NOTHING LIKE IT"

BUNDY

Incubators and Separate Hatchers

With mild, vitalized, constant air movement in all Add-A-Unit system and Champion Models.

Bundys also handle turkey eggs with the highest efficiency.

Write - Wire - Phone
for catalogue and further facts

THE BUNDY INCUBATOR COMPANY

Springfield, Ohio

Turkey Plan In Indiana

R. L. Wann

Dur, or Lyndon, is Wann, of Wann and Dunn. Lyndon has been an Association field man for several years. This Oklahoma Aggie has been in charge of hatchery inspection and turkey work in Indiana for two years. It's hard to tell whether the work "got him" or it is simply a succession to Army Dunn—anyway he "jeps."

The ground work for the National Turkey Improvement Plan was started in 1937, developed by a National Turkey Improvement Committee. That Plan was intended as a guide for State turkey improvement work, until such time as there was sufficient demand to justify the formulation of a National Turkey Plan.

In 1941 a committee was appointed by the National Turkey Federation to develop a turkey improvement plan that could be applied throughout the country. In 1943, the committee presented their plan and it was adopted and became operative September 20th of that same year.

The primary objectives of the National Turkey Improvement Plan are to improve the production and market quality of turkeys and to reduce losses from disease.

Indiana became a part of the National Plan in 1944 with 4 participants and a total capacity of 156,000.

They had 23 flocks of Broad Breasted Bronze, 1 Standard Bronze and 3 Bourbon Red flocks, or 4,269 Broad Breast Bronze, 449 Standard Bronze and 631 Bourbon Reds.

For the 1945-46 season, Indiana had 9 participants with a total capacity of 358,000. They had 31 Broad Breasted Bronze flocks, 2 Standard Bronze flocks, 9 Bourbon Red flocks and 1 Beltsville Small White flock or 11,622 Broad Breasted Bronze, 1,123 Standard Bronze, 471 Bourbon Reds and 46 Beltsville Small Whites.

The National Turkey Plan is set-up for four breeding stages, U. S. Approved, U. S. Certified, U. S. R. O. P. and U. S. R. O. M. At the present Indiana's participants are all operating as U. S. Approved with emphasis on livability and meat production.

It should be understood that it is not a requirement for Chicken Hatcheries operating under the National Poultry Plan to operate under the National Turkey Plan in order to set turkey eggs in the same hatchery, but in order to do so, all turkey flocks must be tested to the same level or lower as the chicken supply flocks for that hatchery.

The National Turkey Plan requires that at least one-third (⅓) of all turkey supply flocks for any hatchery be inspected. Indiana requires that all flocks must be inspected.

All hatcheries participating in the National Turkey Plan should become acquainted with Regulation 28 in the Miscellaneous Publication No. 556 or The National Turkey Improvement Plan. It reads "The term 'broad breasted' shall not be used in describing any variety of turkey unless the width of the breast at a point 1¼ inches above the keel was at least 3½ inches in width for both toms and hens at the time of selection and inspection.

This regulation has been changed, however, to read "the term, 'Broad breasted' shall not be used in describing any variety of turkeys unless the width of the breast at a point 1¼ inches above the keel was at least 3½ inches in width for both toms and hens at the approximate age of 6 months.

THE HEDGES TURKEY HATCHERY

• High
• Vitality
• Poults

• Bronze
• Bourbon Reds

U. S. APPROVED

Dr. E. S. Weisner

Owner and Operator

Route 2 Goshen, Ind.

U. S. PULLORUM PASSED

Thornwood Hatchery

U. S. Approved—

Pullorum Controlled

All Leading Varieties

U. S. PULLORUM CONTROLLED

U. S. APPROVED

Home of the largest incubators in the world.

Ship millions of Baby Chicks.

Thornwood Hatchery

CRANDALL, INDIANA

"Let's Talk Turkey"

Melvin V. Fleck
Purdue Extension Poultryman. A native of Harrison County, Indiana, the "heart of the Hatchery Industry", "Mel", a Purdue grad, had two years hatchery experience in Texas and Iowa before returning to Indiana to work for a large manufacturer of chick boxes and poultry equipment. After five years in County Agent work he came to Purdue to serve Southern Indiana Poultrymen.

Have you ever taken time to figure just how much labor you could save in caring for your turkeys with the use of modern labor saving methods and devices? Are you feeding the turkey that will receive the top market grade when finished and at the same time give you the most efficient gains?

Yes, these are some of the questions that every turkey grower will be required to answer during the next few years. We cannot expect the margins of profit to continue at the rate which has been in existence during the past several years. Turkey meat is no longer considered a luxury item just for the holiday season, therefore it will be necessary to compete with other meats. Turkey growers will be able to meet the competition too, because the turkey industry is in the hands of a small number of large commercial producers who have the advantages of mass production methods. This means then, that if Indiana growers expect to compete with other areas, it will be necessary to employ all methods and practices which will make for increased efficiency.

What Is Efficient Production?

Efficient turkey production means a well rounded program of good breeding, proper feeding, the best of management and quality marketing.

It is not the purpose of this article to answer your production problems, but rather to cause you to spend some time in analyzing your turkey program.

Good Breeding

Too many low quality poults are still finding their way to Indiana farms. However, we have made great strides in Indiana during the past several years to overcome this handicap, thanks to turkey hatcheries with a good breeding and pullorum control program.

A good quality poult is one that will live, make efficient gains and at the same time dress out to satisfy market demands. How many turkeys did you market out of each hundred poults started in 1946? Many Indiana growers are marketing 90% to 95% of all turkeys started, with 90% in the top grade at 26 weeks of age.

While it is a good idea to choose a breed that you like, it is also good business to select one that has strong market demand. During the past several years turkey producers have not been required to pay much attention to the consumers desires. When turkeys again become competitive with other meats it will be necessary to satisfy this demand.

There is a definite place in the future

Feeding and watering part of the 25,000 turkeys grown on the farm of Joe Kellerman, Montgomery County, during 1946. Note long feeders with plenty of extra space and protecting lid. Used up for quick 3rd of feeding. Large tractor-drawn water tank is left inside second used to fill hanging waterers. Both feeders and waterers are large enough to hold plenty of feed and water, and yet are small enough for easy moving during wet periods.

Turkey Poults

Broad Breast
Small Whites

Produced under the supervision of the
National Turkey Improvement Plan
in
An Exclusive Turkey Hatchery
If you're interested in High Quality
Poults of Proven Livability—
Contact Us.

U.S. APPROVED N.T.I.P.

U.S. PULLORUM TESTED

Order in Advance from

Shaver's Turkey Hatchery

Noel Shaver

Crawfordsville Indiana

program for the large broad-breast turkey, but there may be a time in the near future when the small-type turkey will return the most profit because of consumer demand. In order to be ready to meet this change, if and when it should come about, it may be a good plan for the hatcherymen and breeders to maintain a flock of small type turkeys.

If we hope to maintain our present desirable characteristics in the turkey of the future, it will be necessary to do a continuous job of selection and breeding for these characteristics. This is especially true of the large broad breast. There is a definite tendency to revert to the "wild turkey" type through natural selection over a period of years. Then, too, don't make the mistake of trying to develop a strain of turkeys with hens and toms of the same size by mating average size hens with small toms. This has been tried a number of times by turkey breeders, but the resulting offspring are just smaller in size with approximately the same "natural ratio" of size and weight between sexes.

Feed Economical Rations

Since the cost of feed is the largest item of expense in the production of turkeys, the ration which has been found by experience or test to give the most efficient gains is most desirable. Since everything that a turkey eats is considered a part of the ration, let's talk a little about pastures. Did your turkeys have all the succulent pasture that they could eat last season, from the time they went to range until the late fall? If they did please let me know about your program, because I have failed yet to find an Indiana grower of over 1,000 turkeys that could answer this question "yes". I believe by next year at this time, Leon Johnson of Orange County can say "yes" to this question, because he will have 45 acres of ladino clover ready for his 15,000 turkeys this spring. He plans to pasture this ladino for short periods throughout the entire season by keeping the turkeys on the move.

There is a question as to how much feed can be saved with a succulent pasture. I don't know the answer as far as turkeys are concerned, but 20% of the feed cost of a growing pullet can be saved with ladino clover pasture. If near the same results can be obtained with growing turkeys this could mean the difference between profit and loss some years.

Efficient Management Practices

When we talk about "efficient management practices", it is necessary to consider every method or practice that we use in taking care of the turkey from the arrival of the day-old poult to the time the turkey leaves the farm. This problem of increasing our efficiency is so big, that it will only be possible to mention a few of the newer methods of mass production that will save labor and return greater profits.

Probably the greatest change in turkey production during the past few years, has been in the methods of brooding. There has been a very rapid change from the single 10' x 12' brooder house unit to the large commercial unit. With the introduction of the large permanent house also come automatic watering systems, central heating plants automatically controlled by thermostats, and the deep litter idea. As time marched by, turkey growers also found that they could grow just as good poults with a lot less labor by eliminating partitions which were used to separate the turkey poults in small groups. So, today most growers brood several thousand turkeys together in one pen.

In addition to the saving of labor required in caring for individual stoves, the large central heating plants also reduced the fuel cost. Take the heating problems on the turkey farm of Lawrence Bartley, Dubois County. Mr. Bartley has two large tile houses 24' x 80' where he broods 5,000 poults at one

E. J. GRAF HATCHERIES

1107 East Virginia St.

EVANSVILLE 5, INDIANA

U. S. APPROVED

U. S. Approved—

Pullorum Controlled Chicks

24 trains leave Evansville every 24 hours. We have very fast shipping facilities for customers who are not in our local trade area.

We shall appreciate your inquiry and order.

BE SURE WITH STECKLEY'S

U. S. Approved—Pullorum Controlled

INDIANA

Barred Rocks

White Rocks

New Hampshires

Rock-Red Crossbreds

U. S. Certified—Pullorum Controlled

White Leghorns

STECKLEY'S HATCHERIES

Kendallville, Ind., Box 1488

time. The two houses were equipped with 16 kerosene stoves when built in 1944. In 1945 a central hot water heating plant (shown in the picture at left) was installed to replace the kerosene stoves. This heating plant which includes the heaters, havers, thermostats, pumps, furnace and stoker was installed at a cost of $1,275.00. The fuel cost for the 2,000 poults from April 16 to June 15 was $50.00 or an average fuel cost per poult of 1c. How much did your fuel cost per poult last year?

Yes, there are a lot of ways that you can save labor in brooding the poults, but there are even greater opportunities for saving labor after the poults are moved to range. Feeding, watering, and the moving of equipment are the three big jobs on range. Are you using a large number of small feeders that require filling often or are you using a large feeder that holds more feed? There are all sizes of feeders, and individual growers have their preferences, but I believe that we can get the feeder too large as well as too small. The main trouble with the large self-feeder that holds a ton of feed, is the problem of moving during wet weather. Regardless of the type of feeder used they should be lined up in a row so that the least amount of labor will be used in feeding.

Do you have water piped to the range or do you have to haul it? Under most conditions in Indiana where large numbers of turkeys are grown it is much more economical to have running water and automatic waterers. Some growers pipe water over a mile to their range and do it economically. How much does it cost you to get water to your turkeys with your present system?

Quality Marketing

By 1957, just ten years from today, over 90% of our poultry will be eviscerated and frozen ready for the oven, according to the leaders in the field of poultry marketing. If this is true, and I see no reason why we should doubt it, now is the time to start eviscerating Indiana grown turkeys. Why wait until competition drives you to a quality marketing program?

Will you be growing turkeys in 1957, or will you be forced out of the turkey business because you failed to take a little time in 1947 to talk turkey?

SERVALL STAZDRY

"The Best Litter Buy"

Sterilized, Dustless,

Dries Faster, Lasts Longer

BURK ELEVATOR CO.

DECATUR, INDIANA

The Price is Reasonable.

Distributors for

Indiana, Illinois, Wisconsin

You'll Need These GLAND-O-LAC Products for Your 1947 Poultry Program

BLOOD TESTING CABINETS

For the first time in years we are have a supply of these handy metal cabinets, so popular with hatcherymen . . . and recommended by many state universities. Alcohol-lamp heated; has porcelain enameled, raised testing plate. Complete with hot water can, lamp, wick and metal extinguisher cap. Also has empty antigen bottle to hold 500 tests; and there is a bleeding needle and loop. Wire brackets hold the lid in place so it acts as a table to hold records, needle, cloth, etc.

You will want one of these cabinets, and antigen to use with it. Ask your Gland-O-Lac Dealer for prices.

STAINED ANTIGEN—All Types

We are now ready to supply T. C. formula, K formula and Regular Stained Antigen. All are government approved. Available in 500, 1000, and 2,500-test bottles. See your Gland-O-Lac Dealer.

POX and LARYNGO VACCINES

Gland-O-Lac Vaccines are produced in our new modern laboratories, by the egg propagated method, (chick-embryo origin) and are thoroughly dependable. We supply Laryngotracheitis, Fowl Pox, and Pigeon Pox Vaccines in 100-dose, 250-dose, and 500-dose packages, complete with directions and everything necessary for use. Your Gland-O-Lac Dealer will have them for you.

THE GLAND-O-LAC CO.

Most Complete Line of Biologicals in America, For Chickens and Turkeys

1818 Leavenworth St. OMAHA, NEBRASKA

Turkey Experiments At Purdue

Ray E. Roberts
Agricultural Experiment Station, Poultry Department, Purdue University. Roy is a native of Lafayette, Indiana. He is well known to Indiana turkey and broiler growers for his contributions to the field of feeding research.

Labor shortages and other difficulties have seriously interfered with our experimental work with turkeys during the past few years. Following a lapse of two years, during which no experiments were conducted, it has been possible to resume studies of the nutritional requirements of turkeys on a limited scale. Difficulties still exist. The expansion of the University housing program onto land intended for use as turkey range this season made it necessary to raise all of the turkeys in confinement. It is hoped that in the near future it will be possible to expand the experimental work with turkeys on the new farm recently acquired by the Poultry Department.

The experimental work during the past two seasons has been devoted to a completion of studies previously started on the replacement of bran and middlings in starting rations with corn and soybean oil meal, and the partial replacement of corn in a growing ration with oats and wheat. New experiments which have been started include studies of the protein requirements and vitamin requirements of turkeys and methods of feeding.

Replacement of Bran and Middlings in Starting Ration with Corn and Soybean Oil Meal

In several trials with chicks, 15 percent each of wheat bran and wheat middlings in an all-mash broiler ration were replaced by 25 percent of ground yellow corn and 5 percent of soybean oil meal. The corn and soybean oil meal ration produced just as rapid growth as the bran and middlings, with somewhat less feed required to produce a pound of gain. In two previous trials with turkeys, the same substitution was made in an all-mash starting ration containing 23 percent total protein, with 20 percent of meat and bone scraps, 20 percent of soybean oil meal, and 5 percent of dried milk as the protein and vitamin supplements. The weights at 8 and at 12 weeks of age on the corn and soybean oil meal ration were decidedly below those on the bran and middlings ration.

In an additional trial, with Broad Breasted Bronze poults, 25 percent of ground yellow corn and 5 percent of soybean oil meal were used to replace the 15 percent each of bran and middlings in an all-mash turkey starting ration containing 28 percent total protein, in which the soybean oil meal was increased from 20 to 25 percent. At both 8 and 12 weeks of age there was a difference of about one-fourth pound for both males and females in favor of the ration with bran and middlings. The growth was quite satisfactory on the corn and soybean oil ration, the males on this ration weighing 6.8 and the females 5.6 pounds at 12 weeks of age. To this age about 0.4 pound less feed was required per pound of gain on the corn and soybean oil meal ration.

Partial Replacement of Corn with Oats and Wheat in Growing Ration

In additional trials with two lots of Broad Breasted Bronze turkeys in confinement and two lots on limited range, a 16-percent protein growing ration containing 60 percent of ground yellow corn was compared to a ration containing 25 percent of ground corn, 20 percent of whole oats, and 15 percent of ground wheat. Both rations were fed as all-mash rations from 12-28 weeks.

The results agree with those of previous trials. The birds on the ration containing oats and wheat made somewhat more rapid gains during warm weather, but those which received 60 percent corn were able to overcome this difference during cooler weather. The slight increase in the amount of feed required per pound of gain on the ration containing oats in this and previous trials indicates that 25 percent of oats in the ration is about the upper limit for maximum feed efficiency.

MISS INDIANA
U. S. R.O.P. Record, 353 Eggs

NELLANS POULTRY FARM

Mentone, Indiana

U. S. R.O.P. Breeders of White Leghorns

Ten thousand breeders on our farm assures you of the best in chicks, eggs, or breeding stock.

All Chicks U. S. Certified, Pullorum Controlled

Keep Your Eye on..

CHICK MASTER

We've been in the time when efficiency is translated into better hatches and bigger, sturdier chicks will determine your profits. It's time therefore to check your hatching equipment—to choose results—and time to add new equipment.

Reports from the field, confirmed by repeat orders from more than 90% of those who have installed CHICK MASTERS, indicate that now is the hatchery you need not fail to consider in your plans for the future.

Space does not permit quoting the many surprising reports on our setting. Probably, however, there is a CHICK MASTER near you. Check with him. Get the story of better 40 "round results"—direct from the man who appreciates them most.

Write for CATALOG. Use our catalog plan full details. Write for it Today.

JOS. I. TAGGART, Designer and Mfgr.

CHICK MASTER INCUBATOR CO.
1200 W. 8th Street
CLEVELAND 3, OHIO

Investigate
CHICK MASTER
Controls

If you have South Incubators with cabinets in good condition, better see how installing CHICK MASTER Controls can increase hatches and add profits for hundreds of hatchery men.

Write for details

Effect of High and Low Protein Starting Rations on Later Growth

A preliminary trial was conducted last season and another is now underway to determine the effect of a drastic reduction in the protein content of the starting ration on later development. In each trial two lots of Broad Breasted Bronze poults received a 25 percent protein starting ration during the first two weeks. The control lot was continued on this ration to 12 weeks. From 2 to 4 weeks the other lot received an 18 percent protein ration and from 4 to 12 weeks a 17 percent protein ration. After 12 weeks both lots received the same growing ration, containing about 16 percent protein.

In the first trial, at 12 weeks of age there was a difference of 2.7 pounds in the average weights of the males and of 2.1 pounds for the females in favor of the higher protein starting ration. These differences increased to 2.8 pounds for the males and 2.4 pounds for the females at 16 weeks, after which there was a gradual reduction in the spread between the two rations. At 30 weeks of age there was still a difference of 1.9 pounds for the males and 1.1 pounds for the females in favor of the birds which had received the higher protein starting ration.

In the trial now underway, the differences in favor of the higher protein starting ration at 12 weeks were 2.8 pounds for the males and 2.2 pounds for the females. These differences increased to a maximum of 3.5 and 2.3 pounds for the male and females respectively at 16 weeks. At 28 weeks there is still a difference of 1.6 pounds for the males and 0.9 pounds for the females. Since 14 weeks the males and females in each lot have been kept in separate pens so that when the experiment is completed the feed efficiency for each sex in the two lots can be determined.

In addition to retarding the rate of growth, the drastic reduction in the protein content of the starting ration produced white feathers instead of normal colored plumage. Several of the birds on the low protein ration were almost white in color. Males on the high protein (Figure 1) and the low protein ration (Figure 2) are shown at 12 weeks of age. While all of the birds on the low protein ration did not have as much white in the plumage as the bird in Figure 2, this bird was not as white at 12 weeks as he had been earlier. As can be seen the new feathers coming in on the neck are normal in color. On the same ration which had produced white feathers, later the birds were able to grow normal colored feathers. After a few weeks all of the plumage was normal in color except for some white in the primary and secondary wing feathers.

Figure 1. Male from lot receiving high protein starting ration—12 weeks of age—weight, 14 pounds. Plumage normal color.

Vitamin Requirements of Turkeys

In a preliminary trial, a ration similar to those used in vitamin studies with chicks, is being fed to turkeys. A 25-percent protein starting ration was fed during the first 12 weeks. It was composed of ground yellow corn, soybean oil meal, minerals, vitamin A, and vitamin D, supplemented with TWO—ADD—POUL BLUE BOOK. four vitamins — riboflavin, choline, niacin, and pantothenic acid. At 12 weeks the protein content was reduced to approximately 16 percent by adding 100 pounds of ground yellow corn to 100 pounds of the starting mash. To date (24 weeks of age), the rate of growth on this ration compares favorably to that on a starting and growing ration of similar protein content, with the starting ration containing 10 percent of meat and bone scraps and 5 percent of dried milk and the growing ration containing 5 percent of meat and bone scraps. Additional trials will be necessary to determine whether all of the four vitamins which were added are essential and also to determine the optimum amounts of those which are needed.

Methods of Feeding

In several previous experiments starting rations containing 23 to 28 percent protein have been fed during the first 12 weeks. After 12 weeks all-mash growing rations containing approximately 16 percent protein have been fed. Satisfactory growth and development have been obtained with growing rations containing as much as 44 percent of ground yellow corn.

A trial is now underway to compare the efficiency of this method of feeding to the common practice of changing to a combination of mash and grain at 8 weeks of age. One lot received a 26 percent protein starting ration during the first 12 weeks and since then has received a 16 percent protein all-mash growing ration containing 60 percent of ground yellow corn. Another lot received the same starting ration to 8 weeks and since then has been fed a 20 percent protein mash with corn and oats fed free-choice. Males and females in each lot are in separate pens so that at the conclusion of the trial records will be available for each sex on the relative rate of growth and feed efficiency for the two methods of feeding.

Turkey Bulletin Available

Purdue Agricultural Experiment Station Bulletin 517, "Starting and Growing Rations for Turkeys", is now available. It reports the results of experiments with different levels of dried milk in both starting and growing rations and also a comparison of high and low protein growing rations.

This bulletin may be obtained from the Poultry Department, Purdue University or from your County Agricultural Agent.

Figure 2. Male poult fed receiving low protein starting ration—12 weeks of age—weight, 4.5 pounds. Show whitish plumage, with new feathers on neck coming in normal color. A few weeks later all of plumage was normal color.

Better Baby Chicks Hatching Eggs

BARRED ROCKS — WHITE ROCKS — BARRED HYBRIDS

U.S. APPROVED

All flocks selected and pullorum tested under personal supervision of Wm. Ullman, Purdue '30. 17 years' hatchery experience.

U.S. PULLORUM TESTED

Kokomo Electric Hatchery

507-509 N. Buckeye St. Phone 7211

In the first block North of Express Office—*Quick Service*

KOKOMO, INDIANA

FEED STONEMO FOR BETTER USE OF FEED, BETTER FLOCK HEALTH AND LIVABILITY

All Sizes—
Chick to
Turkey

At All
Feed
Dealers

FED BY AMERICA'S TOP POULTRYMEN AND TURKEYMEN

Growth and Expansion of the National Poultry Improvement Plan in Indiana

Jonathan O. Hickard "Mike" is one of the field men for the State Association. After graduating from Purdue with a major in Poultry, Mike went to work for F. S. A. in Southwestern Indiana. Came the War and Mike joined the Air Corps. V-J Day found him on Guam, a Sgt. in the 21st Bombardment Command. Even receiving hostile action in poultry inspection work is bad a brief "hop."

The National Poultry Improvement Plan has shown a steady growth in Indiana since its beginning. The hatchery egg capacity has come from about 4 million in the 1938-39 season to about 29 million for the 1946-47 season. Along with this growth there are many changes taking place. Last year our inspection service contacted 21% of the flocks under the Plan. This year, due to the relaxing of travel and manpower conditions, 33% of the flocks are to be inspected.

The tolerance for the Pullorum-Tested classification this year in Indiana is "less than 4% reaction", which is an improvement over last year's tolerance. This season, regulations are more specific about the testing of farm flocks and specify that all fowls on the farm besides the chickens must be tested. In other words, this includes ducks, guineas, turkeys, etc.

The Flock-Selecting and Pullorum-Testing Agents work closely with the official State agency. In order to maintain the close relationship with these agents, they attend a school each 2 years to renew their permit. This year two Purdue Poultry Short Courses and four one-day schools were held for that purpose. These schools are held to give the field agents the latest poultry information and to give them their examination to see if they are qualified to administer their part of the National Poultry Improvement Plan in the field.

O. M. Eaton D. T. Eaton

HOOSIER RED FARM

U.S. APPROVED BABY CHICKS U.S. PULLORUM CONTROLLED

All Chicks from Pullorum Controlled Flocks

Barred Rocks
White Rocks
White Wyandottes
White Leghorns
Buff Orpingtons
New Hampshire Reds
S. C. Rhode Island Reds

25 Years in the Hatchery Business

HOOSIER RED FARM & HATCHERY

Ramsey Indiana

RILEY'S RAPID ROCKS

Do You Need—

Higher Egg Production
Lower Flock Mortality
Larger Egg Size
Higher Hatchability
Rapid Growth and Feathering?

All of these qualities have been developed in our White and Barred Rocks by eliminating all families from our breeding pens which fail to prove themselves capable of producing progeny with the same characteristics.

Breeders of the World Record White Rock Pen, Storrs Test, 1942. High White Rock Pen, all standard tests, 1945.

RILEY POULTRY FARM

Route 2 Lafayette, Indiana

WASHINGTON HATCHERY

Seventeen Years of Honest and Reliable Service

U. S. Approved Pullorum Controlled Chicks

Barred Rocks
White Rocks
S. C. White Leghorns
Rock Red Cross
New Hampshire

WASHINGTON HATCHERY

WASHINGTON INDIANA

The Income for Cost of Plan Supervision. With this growth in participation, the amount of supervision of the State agency has naturally increased. The revenue for the official State agency in Indiana is primarily from the sale of leg bands. The remainder comes from fees levied on the participants according to size. This year, after careful study and approval by the Board of Directors, the fees have been changed from last year in order to get a fairer rate in comparison to the size of the participant's volume.

In brief, the hatchery rates are as described below:

The bands are 1c each; flock fee, 25c. Initiation Fee for first year participants of $1.00 per M for the first 30M (with a minimum of $30.00 plus 50c per M over 30M, after the first year a Flat Fee basis is used. Hatcheries of 50M or less pay $15.00. If over 50M and less than 100M, the rate is $20.00. For hatcheries over 100M and over, the rate is 20c per M. In this state all Plan participants must be members of the Baby Chick Department.

In the case of Certified flocks, the fee is now $1.00. The increase is to cover the inspection service, since all flocks are to be inspected.

Where Does the Plan Participant's Dollar Go? In a study of the use of each dollar paid in by participants, we find the following facts:

The supervision of the Plan is of major importance. In the past 5 seasons the inspection service has been increased in the field for the better interests of the poultry industry. As a measure of the increase we can look to the cost of inspection which will include the field men's and part time inspectors' salaries, as well as their travel and per diem. In the 1942-43 season this amounted to 32.7% of the total income. For comparison let's go to the 1944-45 season when the hatchery capacity was about 30% over the 1942-43 season. We find the inspection service costs were 38.1% of the total income. Now let's take this year with an increase of 70% over 1944-45 hatchery capacity. Expenses for the remainder of this season can be estimated fairly accurately. Inspection services will reach a high of 49.8% of the income for the 1946-47 season. In other words, Plan participants are getting more actual field service from each dollar than ever before.

It is of interest to note how administration costs have gone down each year, when compared on a percentage basis with the total income. In 1942-43 it ran 16.32%, 1944-45 it was 12.65% and for 1946-47 it will be about 7.07%. Even with the increased number of participants, the administrative cost has declined.

Among the other expenditures, we find the two largest items are leg bands purchased, clerical help and other records. These remain fairly constant over the past five years with a slight decrease on a total percentage basis over the period. Bands purchased have averaged 20.1% and clerical and record expenditures averaged about 9.5%.

Item	1939-40	1940-41	1941-42	1942-43	1943-44	1944-45	1945-46	1946-47
Hatching Egg Capacity	6,081,200	6,012,250	11,445,100	19,858,000	25,499,000	27,005,000	32,687,000	39,649,000
No. of Breeding Stock	87	79	208	357	199	214	250	250
No. of Flocks	68,062	1,172,548	1,845,628	1,963,083	1,700,136	1,721,023	2,368,015	*1,900,000
Participating at APP	6,000	5,000	7,400	8,100	9,895	6,179	12,119	
No. of Birds in APP Flocks	55	50	60	100	107	100	200	75
Participating at APCP	60,062	1,172,548	875,028	891,819	692,112	861,336	844,749	
No. of Birds in APCP Flocks			87	93	72	68	120	300
Participating at APP			100,376	484,266	725,585	177,002	1,011,166	
No. of Birds in APP Flocks						33	18	25
Participating at CPCP	1	6	1			119,440	111,414	
No. of Birds in CPCP Flocks			10,000	4	2	2	1	
Participating at CPP			1	18,268	8,382	2,777	11,680	12
No. of Birds in CPP Flocks			6	6	4	4	25	10
Participating at CPP			86,504	91,479	132,739	139,952	149,408	
						1	4	1

*Estimated

LAWSON'S QUALITY CHICKS

U. S. Approved—Pullorum Controlled

WHITE LEGHORNS
WHITE ROCKS
BARRED ROCKS
NEW HAMPSHIRE REDS
AUSTRA-WHITE

Write for Information and Prices

LAWSON'S FEED & CHICK STORE

BOX 154 GASTON, INDIANA

Increase Your Profits With

Askren's Bred-To-Lay Chicks

Barred Rocks and Large White Leghorns

U. S. Approved — U. S. Pullorum Passed from our own flocks.

Oakwood Poultry Farm & Hatcheries

New Salisbury, Indiana

Richard Askren, *Prop.*

Indiana National Poultry Improvement Plan Participation

The following is an alphabetical listing of those organizations who have signed agreements to participate under the standards of the National Poultry Improvement Plan in Indiana for 1946-47. New participants are considered applicants for the Plan until at least 10% of their flocks have been inspected and accepted.

During the 1946-47 season the following Indiana Standards are in force: Pullorum-Tested—fewer than 4% reactors; Pullorum-Controlled—fewer than 2% reaction; Pullorum-Passed—no reaction on the last test; all participants will have at least 35% of their flocks inspected and check tested; new participants will have 100% of their flocks inspected and check tested. Any interested party wishing to check upon the status of a participant should write L. A. Wilhelm, Executive Secretary and Indiana NPIP Administrator, State Poultry Association of Indiana, Inc., Lafayette, Indiana.

The listing is prepared as follows: Firm Name; Town; Year entered continuous participation; Breeding Stock; Pullorum Plans; Breeds hatched. To check hatchery capacity, other affiliations and wholesale producers, the reader is referred to the listing, "Hatcheries in Indiana" on page —.

The following key of abbreviations was used in preparing this list:

APT—U. S. Approved, Pullorum-Tested
APCO—U. S. Approved, Pullorum-Controlled
APP—U. S. Approved, Pullorum-Passed
CPT—U. S. Certified, Pullorum-Tested
CPCO—U. S. Certified, Pullorum-Controlled
CPP—U. S. Certified, Pullorum-Passed
ROP-PT—U. S. Record of Performance, Pullorum-Tested
ROP-PCO—U. S. Record of Performance, Pullorum-Controlled

Ac—Anconas
B—Brahmas
BA—Australorps
BJG—Black Jersey Giant
BA—Blue Andalusian
BL—B. C. Brown Leghorns
BM—Black Minorcas
BO—Buff Orpingtons
BR—Barred Rock
BrL—S. C. Buff Leghorn
BrM—Buff Minorca
BR—Buff Rock
Cr—Cornish
DC—Dark Cornish
NH—New Hampshire
OT—Other varieties
RIR—R. C. Rhode Island Reds
SLW—Silver-Laced Wyandotte
WO—White Orpingtons
WJG—White Jersey Giant
WL—S. C. White Leghorn
WM—White Minorca
WR—White Rock
WW—White Wyandotte

U. S. R. O. P. CHICKS, HATCHING EGGS

and Breeding Stock in White and Barred Rocks and White Leghorns

Twenty-five special individual male breeding pens. 1,700 birds trap-nested daily under R. O. P. supervision. 5,000 breeders maintained on our own farm. White Rocks, Barred Rocks and White Leghorn hatching eggs and baby chicks U. S. Certified and U. S. Pullorum Controlled for pullorum disease by whole blood test.

DIETZ'S POULTRY FARM

CENTER POINT, INDIANA

HADLEY'S CHICKS

Live—Grow—Lay

Barred Rock
White Rock
White Leghorn
New Hampshires
Rock and
Red-Rock Crosses

Hatching
Each Week
Of The Year

A BREEDER HATCHERY!—producing breeder quality chicks for healthy, profitable layers—all U. S. Approved, Pullorum-Controlled.

HADLEY CHICKS!—are in Great Demand for MEAT and BROILER use—From the Heart of Northwest Indiana Broiler Section.

Your Inquiries and Orders are Solicited

HADLEY HATCHERY

Rensselaer Indiana

CRAYDEN'S STERLING CHICKS

U. S. Approved U. S. Pullorum Controlled

The quality of Crayden's Chicks merits your consideration.

Since 1925 we have spent considerable time and money improving the quality of our chicks. With these years of experience we are in position to offer you best quality chicks along with good service.

Write us today for your copy of our catalog, describing Crayden's chicks and service.

CRAYDEN'S STERLING HATCHERY

Box 25 RAMSEY, INDIANA

NPIP PARTICIPATION LIST

(Continued from page 83)

Alexandria Branch of Geneva Hatcheries—Alexandria; '43; APT; BR, WR, NH.
Allen County Hatchery—Fort Wayne; '46; APC; BR, WR, WL, NH.
Allen County Farm Bureau Hatchery—Fort Wayne; '41; APC; BR, WR, NH, WL.
Anderson Electric Hatchery—Anderson; '37; APC; BR, WR*, WW, BR, BO, WL, NH.
Arcadia Hatchery—Arcadia; '35; APC; BR, WR, WL.
Atlas Electric Hatchery—Atlas; '37; APT; BR, WR, WL.
Air's Blue Blood Hatchery—Hilbern; '38; APC; BR, WR, BaR, WW, RIR, NH, BO, BA, WL, Rc, HA, As.
Air's Mammoth Hatcheries — Huntingburg; '41; APC; BR, WR, BaR, WW, RIR, NH, BO, BA, WL, SL, As.
Auburn Hatchery—Auburn; '41; APT; BR, WR, WL.
Burkman's Quality Hatchery — Osceola; '45; APT; BR, WR, NH.
Burke Electric Hatchery—Thorntown; '41; APC; BR, WR, RIR, NH, Co.
Bertholomew Co. Farm Bureau Hatchery—Columbus; '46; APC; BR, WR, WL.
C. K. Bush & Co. Inc.—Huntington; '45; APT; BR, WR, WL.
Bakers Feed Store—Milroy; '41; APC; BR, WR, BaR, WW, RIR, NH, BO, WL.
Baker Feed Store—North Manchester; '41; APC; BR, WR, BaR, WW, RIR, NH, BO, WL.
Bakers Feed Store—Converse; '41; APC; BR, WR, BaR, WW, RIR, NH, BO, WL.
Bakers Feed Store—Wabash; '41; APC; BR, WR, BaR, WW, RIR, NH, BO, WL.
Baumgartner's Hatchery—Bluffton; '30; APC; BR, WR, BaR, WW, RIR, NH, WJ, Br, BO, WL, RL, BaL, WW, BaM, As.
Baumgartner's Hatchery — Fort Wayne; '41; APC; BR, WR, BaR, WW, RIR, NH, WJ, BR, BO, WL, RL, BaL, WW, BaM, As.
Bennett Egg Farm & Hatchery—Indianapolis; '46; APT; BR, WR, WL.
Belcher's Poultry Farm and Hatchery—Gleason; '43; CPF; WL*.
Berne Hi-Way Hatchery — Berne; '39; CPF; BR*, WR*, WL*, NH*.
Bloomfield Mill & Elevator Co.—Bloomfield; '46; APC; BR, WR, WL.
John Berdyne—Angola; '43; APC; WR, WL, NH, CPC; BR*.
Bentton Hatchery—Hartford City; '43; APC; WL*, CPC; BR*, WR*.
Earl Bowden Hatchery — Leavenworth; '45; APC; BR, WR, BaR, WW, WL, BaL, NH, RIR, WW, BO.
Bristow Hatchery—Bristow; '45; APC; BR*, WR*, BaR*, RIR*, BA, WL*, BL*, As, Cr*, WH*, NH*, WL*, BL*, Cr*.
Brown's Hatchery—Corydon; '41; APP; BR*.
Brewer's New Hampshire Farm—Marion; '45; CPC; NH.
Brauer's Hatchery—Vevay; '46; APT; BR, WR, BaR, WL, NH, RIR, WW, SLW, BO.
Vic Bryan—Gaston; '46; CPF; NH*.
Bryant Hatchery—Bryant; '38; APT; BR, WR, Wh, Cr.
Bryant Poultry Farm—Montour; '46; APC; WL.
Theodore Ball Hatchery—Valparaiso; '47; CPF; NH.
Butler Produce & Canning Co.—Butler; '44; APC; BR, WR, WL.

LATHROP'S "CHESTY" CHICKS

U. S. Pullorum Passed Chicks Year Around

750 Hampshires being trapped under R.O.P. supervision

5000 trapnested breeders on our own farm

What We Offer Chick Buyers

1. LIVABILITY—95% or better is common and we guarantee 90% for 30 days.
2. SERVICE—when and as promised, 32 trains a day from Richmond. Also air service.
3. RESPONSIBILITY—Dun and Bradstreet or Second National Bank of Richmond.
4. EXPERIENCE—I've had 24 years' poultry experience and I think I know what you want and also think I can give it to you. Write for our catalog.

We hatch five breeds and one cross bred; New Hampshires, White Rocks, Barred Rocks, R. I. Reds, White Leghorns, and our cross bred is Barred Rock males on New Hampshire females.

Write me about your 1947 chick requirements.

Member of Indiana R.O.P. Breeders Assn., State Poultry Association of Indiana, I.B.C.A., National Poultry Improvement Plan.

LATHROP'S HATCHERY, INC., Richmond, Indiana

Under the GROUP HOSPITAL and SURGICAL INSURANCE PLAN, adopted by THE STATE POULTRY ASSOCIATION and underwritten by the ALLIANCE LIFE INSURANCE COMPANY, members and their dependents are eligible for these benefits:

SCHEDULE OF BENEFITS

	Members	Dependents
Daily Hospital Benefit	5.00	$ 4.00
Special Hospital Fees (maximum)	25.00	20.00
Surgical Benefits (maximum)	150.00	100.00
Emergency Treatment (maximum)	25.00	20.00
Diagnostic X-Ray (maximum)	10.00	8.00
Anesthesia—Not Hospitalized (maximum)	7.50	6.00

Quarterly Premiums

Single member	$ 4.51
Member with one dependent	11.19
Member with two or more dependents	13.09

All operations, whether the insured is hospitalized or not, are paid as per schedule. If you have not been solicited for this protection, and are interested, please write your Secretary or this agency.

•

RETIREMENT INCOME — SECURITY FOR LIFE

Many poultrymen in Indiana are guaranteeing a LIFE INCOME from age 65 through the ALLIANCE LIFE INSURANCE COMPANY'S RETIREMENT INCOME PLAN. One particular poultryman, 40 years of age, is securing his future according to the outline below:

He deposits $468.30 each year for 25 years (until he is 65).

If he lives until age 65, HE WILL RECEIVE $100.00 EACH MONTH as long as he may live.

If he should not live until age 65, HIS FAMILY WILL RECEIVE $10,000 to $11,770 in CASH, or $1000 in cash, and $16.49 to $122.72 each month for 10 years.

After depositing $468.30 for the following number of years, he may stop these payments and receive—either CASH, or PAID UP ENDOWMENT at age 65, at which time he may take cash or income of reduced amount.

After 5 years $1,380, Cash, or paid up endowment, $ 2,660
After 10 years $3,520, Cash, or paid up endowment, $ 5,490
After 15 years $6,360, Cash, or paid up endowment, $ 8,380
After 20 years $9,700, Cash, or paid up endowment, $11,520
At maturity
Age 65 $13,770, or $100 each month for life.
Total deposits for 25 years—$11,207.50, or profit of $2,562.50 if cashed.

If you will send us your date of birth, we shall be pleased to complete a chart for you, without cost or obligation. As this plan may be purchased to mature at age 55, 60, or 65, please indicate which age you prefer us to make the chart for.

SPAFFORD ORWIG AGENCY

ALLIANCE LIFE INSURANCE COMPANY

117 People's Bank Bldg., Indianapolis, Indiana

NPIP PARTICIPATION LIST

(Continued from page 84)

Cardinal Hatchery—Columbus; '46; APT; BR, WR, WL, NH, RIR, BO, WW.

Carter Hatchery—Sidney; '46; APC; BR, WR, BuR, WL, NR, RIR, WW, SLW, BO, LB, Cr.

Carrol Co. Farm Bureau Hatchery—Valparaiso; '41; APT; BR, WR.

Carter's Hatchery—Columbus; '46; APT; BR*, WR*, WW*, WL*.

Cass County Farm Bureau Hatchery—Logansport; '41; APC; BR, WR, WL.

Cassel's Hatchery—Lafayette; '41; APC; BR*, WR*, WW*, RIR*, WL*, NH*.

Chesaboro Hatchery—Gurnsey; '41; APP; BR, WR, WW, NH, WL, Cr.

Clark Co. Farm Bureau Hatchery—Jeffersonville; '41; APC; WR, RR, WL.

Clinton Co. Farm Bureau Coop—Frankfort; '41; APC; BR, WR, WL.

Clover Valley Poultry Farm & Hatchery—Denver; '39; APC; BR*, WR*, BUR*, WW*, SLW*, RIR*, NH*, RIO*, WBO*, BO*, DC*, BA*, WL*, BL*, BuL*, WR*, RR*, BUM*, Ae*, BIA*.

Clover Valley Poultry Farm & Hatchery—Sandusky; '39; APC; BR*, WR*, BuR*, WR*, SLW*, RIR*, NH*, RIO*, WBO*, B*, BO*, DC*, BA*, WL*, BL*, BuL*, WR*, RR*, BuR*, Ae*, BIA*.

Colonial Chick and Feed Store—Bedford; '46; APC; BR, WR, WL, NR, WW, RIR, BO, Cr.

Colonial Chick and Feed Store—Mulberry; '47; APC; BR*, WR*, WL*, NR*, WW*, RIR*, BO*, Cr*.

Colonial Poultry Farm—Ireland; '46; APC; BR, WR, WL, RR, WW, RIR, BO, Cr.

Columbia City Hatchery—Columbia City; '46; APC; BR*, WR*, WW*, WL*, RIR*.

Columbus Hatchery—Columbus; '46; APC; BR*, WR*, BuL*, RIR*, WL*.

Conrad's Jackson Co. Hatchery—Seymour; '46; APC; BR, WR, RIR, WW, BO, Cr.

Frank Conway Breeding Farm & Hatchery—Indianapolis; '46; APC; WR, RIR, BR, BO, BA, Cr.

Paul Cook—Kansas; '46; APC; WL.

Cook's Quality Hatchery — Frankfort; '46; CPC; BR*, WR*, NR*, WL*.

Core Bell Hatcheries—Fowler; '46; APC; BR, WR, NH, WL, Cr.

Core Bell Hatcheries—Oxford; '46; APC; BR, NH, Cr.

Crandall Hatchery—Crandall; '46; APC; BR, WR, BuR, WL, NH, RIR, BO, WW, WG.

Crawford Starting Hatchery—Bainbridge; '46; APC; BR, WR, WW, SLW, RIR, NR, WG, BO, WL, BL.

Crawford Hatchery—Kansas; '46; CPC; WL.

Danville Electric Hatchery — Danville; '46; APT; BR, WR, BuR, RIR, NR, WL, Cr.

Davis Poultry Farm & Hatchery—'46; APC; BR, WR, BuR, WL, BuL, NR, RIR, WW, SLW, GOW, WM, BO, BA, WG, Cr.

Dearborn Co. Farm Bureau Hatchery—Dillsboro; '41; APC; BR, WR, WL.

Decatur Co. Farm Bureau Hatchery—Greensburg; '41; APC; BR, WR, WL.

Decator Hatchery—Decatur; '46; APC; BR*, WR*, WW*, NR*, WL*.

DeKalb Co. Farm Bureau Hatchery—Auburn; '41; APC; BR, WR, WL.

Dodge's Poultry Farm—English; '46; APC; BR, WR, RIR*, NR, WL, Cr.

You can count the sources of New Hampshire Certified, Pullorum-Passed hatching eggs in Indiana on the fingers of one hand and have enough fingers left to cross, if you are a finger crosser.

But, if you purchase chicks from Vic Bryan's Certified, Pullorum-Passed New Hampshires, there will be no need to cross your fingers.

No eggs for sale. No stock for sale. We will give you the name of the hatchery near you that can supply you with Vic Bryan chicks.

VIC BRYAN GASTON

F. C. Tucker, D. V. M.

Veterinarian

Dependable Blood-Testing Service for the control of Pullorum Disease in

CHICKENS AND TURKEYS

•

Twenty years' experience with the

"RELIABLE TUBE AGGLUTINATION TEST"

•

Phone 2111

CLAYPOOL, INDIANA

NPIP PARTICIPATION LIST
(Continued from page 86)

Dixie Poultry Farm—Center Point: '37; CPC; BR*, WR*, WL*.
Dilor Hatchery — Boone: '46; APC4; BR*, WR*, NH*, WL*.
Dillingham Hatchery—Sullivan: '43; APT; BR, WR, WW, BR, WL, Cr.
Dilshaw Hatchery & Feed Store—Dillsboro: '46; APC4; BR*, WR*, NH*, WL*, Cr*.
Dennis Hatchery — Petersburg: '44; APC4; BR*, WR*, RIR*, NH*, WL*.
Douglas Hatchery — Dana: '42; APC4; BR*, WR*, WL*.
Downey's Hatchery — Terre Haute: '43; APC4; BR*, WR*, RIR*, WW*, RIR*, NH*, BR, BC, WL*, Cr*.
Dreibelbiss Hatchery—Scottsville: '45; APC4; BR, WR, NH, WL.
Eckhart Hatchery—Anderson: '43; APC4; BR, WR, RH, Wh.
Elkhart Co. Farm Bureau Hatchery—Goshen: '41; APC4; BR, WR, NH, WL, Cr.
Elliott's Hatchery—Dunkirk: '44; APT; BR, WR, RIR, NH, WW, BLW, BC, BS, WL.
Elliott's Hatchery—Marion: '44; APT; BR; WR, RIR, NH, WW, BLW, BC, BS, WL.
Elliott's Hatchery—Bettendorf: '41; APC4; BR, WR, WW, RIR, NH, Br, BC, WL, BL.
Fairview Hatchery — Remington: '46; APC4; BR.
Farmers Hatchery & Supply Co.—Bloomington: '45; APC4; BR*, WR*, RIR*, BA*, WL*, Cr*.
Farmers Hatchery & Supply Co.—Martinsville: '44; APC4; BR*, WR*, NH*, BA*, WL*, Cr*.
Farmers Hatchery & Supply Co.—Paoli: '45; APC4; BR*, WR*, NH*, BA*, WL*, Cr*.
Farmers Supply Co.—Milan: '46; APC4; BR, WR, WL, NH.
Feldpausch Hatchery—Troy: '38; APC4; BR*, WR*, NH*, WL*.
Fist Hatchery—Fort: '45; APC4; BR, WR, WL, Cr.
Otto Fitter—St. Meinrad: '41; APT; BR, WR, RIR, NH, BO, BA, Buff, BM, BL, WL.
Fitting Hatchery—Lafayette: '46; APC4; BR*, WR*, WL*, NH*.
Flora Produce Hatchery—Flora: '45; APC4; BR*, WR*, WL*.
Fountain Co. Farm Bureau Hatchery—Veedersburg: '41; APT; WR, RR.
Mr. Wm. F. Fouss — Sullivan: '46; APC4; WR*.
Frankfort Electric Hatchery—Frankfort: '37; APC4; WR*, BR*, WW*, NH*, BO*, WL*.
Fraser Farm Supply—Hillsboro: '46; APT; BR, WR, NH.
Fuller's Hatchery—Fredonia: '45; APC4; BR*, WR*, RIR, WW, RIR, WA, WL.
Geneva Hatcheries—Geneva: '39; CPC4; BR*, WR*, WW*, NH*, WL*.
Geneva Hatcheries — Vincennes: '39; APC4; BR*, WR*, WW*, NH*, WL*.
Gerin's Leghorn Farm & Hatchery—Auburn: '45; APT; WL.
Globe Hatchery & Poultry Farm—Berne: '37; APC4; BR*, WR*, NH*, CPC4; WL*.
Globe Hatchery & Poultry Farm—Gaston: '43; APC4; WR, RR, NH, CPC4; WL.
E. J. Graf Hatcheries, Inc.—Evansville: '39; APC4; BR, WR, Buff, WW, RIR, RH, WL.
Gray Agricultural Supply Co.—Crawfordsville: '37; APC4; BR*, WR*, NH*.
Gray's Hatchery—Delphi: '38; APT; BR, WR, RIR, WL, Cr.
Gray's Hatchery—Monticello: '39; APT; BR, WR, RIR, WL, Cr.

FORTIETH ANNIVERSARY

Clover Valley Master Bred Chicks

U. S. Approved-Pullorum Controlled

5,000,000 chicks annually. One of America's oldest established hatcheries, 40 years breeding experience. Can fill orders promptly for all leading breeds.

CLOVER VALLEY POULTRY FARM

RAMSEY INDIANA

GRAY'S

24 Years of Hatchery and Poultry Breeding Experience

GRAY'S high producing, rapid growing and quick feathering stock meets the requirements of the most particular buyers. The fact that most of the poultry raisers in several of our local counties buy GRAY'S chicks is proof enough.

U. S. Approved and U. S. Pullorum Tested

Barred Rocks, White Rocks, Big English S. C. Leghorns and New Hampshires

GRAY'S HATCHERIES

Rossville (Home Office), West Lafayette, Delphi, Monticello and Mulberry, Indiana

U.S. APPROVED

U.S. PULLORUM CLEAN

WHEN THEY CARRY THIS LABEL THEY HAVE TO BE GOOD

Wholesale or Retail You Can Depend on

HEIZER'S QUALITY CHICKS

Also HATCHING EGGS

Ind., U. S. Approved — Pullorum Controlled

Whether you want chicks to raise yourself—or whether you as a hatcheryman or dealer want them to fill orders, you can be sure when you order Heizer's "Chicks of Distinction." They've proved their right to this title by years of good results for thousands of customers.

18 Leading Breeds — Sexed or Unsexed Chicks

We hatch 18 of the leading money-making breeds—giving you a wide choice. All come from carefully culled flocks—each bird selected for the latest qualities of the respective breed. Chicks are well hatched—big—sturdy—and they live and grow fast to mature early into heavy producers. Our new catalog tells the whole story. It's a beauty and you'll want to see it. Write for it.

HEIZER'S QUALITY HATCHERY, Dept. 20, New Albany, Ind.

NPIP PARTICIPATION LIST
(Continued from page 88)

Gray's Hatchery—Mulberry; '39; APT; WR, RR, WL, Cr.
Gray's Hatchery—Rossville; '39; APT; BR*, WR*, NR, WL*, Cr*.
Gray's Hatchery—West Lafayette; '39; APT; BR, WR, RR, WL, Cr.
Green Co. Farm Bureau Hatchery—Bella City; '41; APC4; BR, WR, WL.
Greenfield Hatchery—Greenfield; '41; APC6; BR, WR, Buff, WL, RR, RIR, WW, BO, WG.
Lewis Griffith Feed & Hardware Store—Worthington; '41; APC6; BR, WR, RR.
Griggs Hatchery—Bellevue; '41; APC6; BR*, WR*, RIR*, BO*, WL*.
J. S. Gutteis's Hatchery, Inc.—New Albany; '41; APT; WR.
Haller Hatchery—Rensselaer; '41; APT; BR*, WR*, NR*, WL*, Cr*.
Hall's Hatchery—Terre Haute; '41; APT; BR, WR, Buff, WL, Sel, BaL, NH, RIR, WW, BO, DC, Aa, WG, Cr.
Hanlin Hatchery & Supply—Alexandria; '42; CPF; BR*, WR*, NR, WL, Cr*.
Harrison Co. Hatchery—Corydon; '41; APC6; BR, WR, WL, Sel, NR, RIR, WW, BO, Cr.
Hayes Bros. Hatchery—Portland; '41; APT; BR, RR, Buff, WL, Sel, NR, RIR, WW, BO, WG, BG, LB, Aa, Cr.
Haynes's Hatchery—Clay City; '41; APC6; BR*, WR*, WL*, Cr*.
Hazleton Farm Supply—Hazleton; '41; APC6; WR, BR, WL, NR.
Helm's Quality Hatchery—New Albany; '41; APC6; BR*, WR*, Buff, WL*, SLW*, RIR*, NR*, BO*, WG*, Br*, BP, BA*, WL*, RL*, WR*, Aa*.
Henry Co. Farm Bureau Hatchery—New Castle; '41; APC6; BR, WR, WL.
Hepler's Hatchery—Bremen; '41; APC6; NR, Cr; CPC6; WR, WL.
Herinckes Hatchery—Brazil; '43; APC6; BR*, WR*, NR*, WL* who.
Hi-Quality Hatchery—Warren; '39; APT; BR*, WR*, WR*, WL*.
Hinz Hatchery—Grass Creek; '41; APT; BR*, WR*, WL*.
Hobel Hatchery—Hobart; '41; APC6; BR, WR, WW, RIR, WG, BO, WL, Cr.
Hodge Bros. Hatchery—Rockville; '41; APT; BR, WR, WL.
Hoosier Egg & Fruit Farm—Hartford City; '41; CPC6; WL*.
Hoosier Red Farm & Hatchery—Tennyson; '41; APC6; BR, WR, Buff, RIR, BO, WL.
Hoover Poultry Farms—North Manchester; '41; APC6; WL.
Howard Bros.—Tipton; Fulton; '40; APC6; BR*, WR*, RIR*, NR*, WL*.
Howard Co. Farm Bureau Hatchery—Kokomo; '41; APC6; BR, WR, RIR, NR, WL.
Indiana Farm Bureau Coop. Hatchery—Indianapolis; '41; APT; BR*, WR*, NR, WL*.
Indiana Hatchery—Lafayette; '40; APT; BR*, WR*, Cr*; CPC6; WL*.
Indiana State Hatchery—Greencastle; '42; APC6; BR, WR, WW, RIR, NR; BO, WL, BL, Cr.
Irwin's Feed Store & Hatchery—Nulson; '39; APT; BR, WR, RIR, WL.
Jack's Poultry Farm & Hatchery—Hamlet; '41; APC6; BR*, NR*; CPC6; WL*.
Jackson Co. Farm Bureau Hatchery—Seymour; '41; APC6; BR*, WR*, RIR, WL*.
Jamestown Hatchery & Feed Store—Jamestown; '41; APC6; BR, WR, RIR.

COOK'S QUALITY CHICKS

From U. S. Certified Pullorum Passed Flocks, and Famous for Livability, Size, Meat Quality and Laying Urge

are your best assurance of real profits from your poultry operations. All flocks of Barred Rocks, White Rocks, New Hampshire Reds, White Leghorns and Buff Orpingtons mated to individually pedigreed, wing banded R.O.P. males.

We will appreciate your orders for chicks or hatching eggs.

COOK'S QUALITY CHICKS

57 South Main St. Frankfort, Ind.

A COMPLETE LINE OF POULTRY FEEDS PLUS PROFITTABLE SPECIALTIES

Often the customer who feeds a few rabbits or dogs as a hobby is feeding a lot of hogs, dairy cattle or chickens as a business. He'll feel kindly toward the dealer who has specialties as well as staples in stock—who can serve all his feed needs at one stop.

Aside from the quality of Vitality feeds the very completeness of the Vitality line is a business builder. You can build real tonnage on Vitality Poultry, Turkey and Dairy feeds and make added profits on Vitality's specialty feeds.

Manufacturers of Vitality Poultry Feeds, Turkey Feeds, Dog Foods, Dairy Feeds, Calf Meal, Live Stock, Pigeon, Rabbit, Coat and Horse Feeds.

WRITE TODAY—for information on the complete line of Vitality feeds and get details on the Vitality dealer proposition for your territory.

VITALITY MILLS, INC.
CHICAGO 4, ILLINOIS
BOARD OF TRADE

NPIP PARTICIPATION LIST
(Continued from page 91)

Jasper Hatchery—Jasper: '46; APC4; BR, WR, WL, NH, SO, WW.
Jasper Co. Farm Bureau Hatchery—Remington: '47; APC4; BR, WR, NR, WL.
Johnson Hatchery & Breeding Farms—Linton: '39; APT; BR*, WR*, BuR*, WW*, RIR*, NR*, SO*, WL*, Cr*.
Jones Hatchery—Lafayette: '37; APC4; BR, WR, Cr.
Jones Bros. Hatcheries—Berne: '37; APC4; BR, WR, BuR, NH, RIR, WL.
Jones Bros. Hatcheries—LaPorte: '37; APT; BR, BuR, NH, RIR, WR, WR, WW, WO, SO, SLW, RIG.
Kane's Quality Hatchery—Kentland: '46; APC4; BR, WR, NR, Cr.
Kemp's Mammoth Hatchery—[illegible]: '46; APC4; BR, WR, BuR, WW, SLW, RIR, NR, SO, HA, WLH, AA.
Kennedy Hatchery—[illegible]: '45; APC4; BR, WR, NR, CPC4, WL.
Kerlin Hatchery & Feed Mill—Delphi: '46; APC4; BR, WR, NR.
Kidder's Four Seasons Hatchery—Elwood: '46; APC4; BR, WR, NR, Cr.
Kimmel Hatchery—Kimmel: '46; APT; BR, WR, WL.
King's Hatchery & Feed—Logansport: '44; APT; BR, WR, NR, WL.
Knox County Hatchery—Vincennes: '45; APC4; BR, NR*, WR*, HA*, WL*, Cr*.
Kokomo Electric Hatchery—Kokomo: '37; APT; BR*, WR*, NR*, WL*, Cr*.
Lantz Hatchery & Farm Supply—[illegible]: '46; APT; BR, WR, NR, Cr.

Lash Hatchery—Fremersburg: '39; APC4; BR*, WR*, WL*, RIR*.
Leffert's Hatchery, Inc.—Richmond: '46; APC4; BR, WR, RIR, NH, WL, Cr.
Lawson's Feed and Chick Store—[illegible]: '45; CPC4; BR*, WR*, WW*, NH, WL*, Cr*.
Lagmere Hatchery—North Vernon: '45; APC4; BR*, WR*, BuR*, NR, WL*, Cr*.
Lebanon Electric Hatchery—Lebanon: '37; APT; BR, WR, NR, WL, Cr.
Leghorn Lady Poultry Farm—Star City: '46; CPC4; WL*.
Lee Hatchery—Grabill: '46; APC4; BR, WR, NH, WL, Cr.
Lee's Hatchery and Farm Supply Store—Washington: '41; APT; [illegible]
Liechty Hatchery—[illegible]: '41; APC4; WR, RIR, WL.
Lindstrom Hatchery—Geneva: '43; APC4; BR*, WR*, WL*.
Linton Hatchery—Linton: '43; APT; BR*, WR*, BuR*, WW*, NH, WL, Cr.
Logan Hatchery—Logansport: '37; APC4; BR*, WR*; CPC4; WL*.
Lyons Poultry Farm—Indianapolis: '44; APC4; BR*, WR; BuR, WW, WL, HA.
Loyal Hatchery—Carmel: '46; APT; BR, WR, WL, NR, WW, Cr.
Lyons Feed Store & Hatchery—Brownstown: '39; CPF; BR*, WR*, RIR*, NH*, WL*, Cr*.
[illegible] Hatchery & Supply, Inc.—[illegible]: '39; APC4; BR*, WR*, RIR*, WL*.
Manzanita Lochers Farm—[illegible]: '36; CPC4; WL*.
Marshall Co. Farm Bureau Coop. Hatchery—[illegible]: '41; APT; BR, WR, WL.

Let our specialized HATCHERY INSURANCE SERVICE go to work for you as it has for hundreds of hatchery owners.

Grain Dealers National Mutual Fire Insurance Co.
C. R. McCotter, President
Indianapolis 7, Indiana

A pioneer in the mercury insurance field, "Grain Dealers Mutual" offers complete underwriting, fire prevention engineering, and claims service. Before you renew your present insurance it will pay you to talk to one of our field representatives. There is no obligation on your part—a letter to either of our offices will bring a man who knows the hatchery business, and who will present our insurance plan to you in detail.

Find out how you can reduce insurance costs through this specialized HATCHERY INSURANCE SERVICE. Hatchery owners insured with "Grain Dealers Mutual" reduced insurance costs by approximately 20% during 1946—a worthwhile saving you can use to advantage. These savings to policyholders total more than $9,000,000 since the organization of the company in 1902.

Complete insurance protection on Eggs and Chicks . . . Incubators . . . Brooders . . . Stock . . . Furniture and Fixtures . . . Trucks and Automobiles. For Hatchery Insurance see "Grain Dealers Mutual"—the Hatchery Insurance Company.

HAYNES' STATE PILOT FEEDS

LEAD THE WAY TO... IMPROVED FEEDING

Poultrymen and Livestock Feeders in the Middle West have learned the high quality standards of STATE PILOT FEEDS.

Feeders, now numbering in the thousands, are convincing testimonies that STATE PILOT has and is discharging the obligation of leadership in "Processed" Feeds.

Fifty years' experience in milling and feed manufacturing coupled with the knowledge of nutritional advances, give STATE PILOT FEEDS the solid foundation to keep abreast in this leadership and to make them "The Choice of Particular Feeders."

Follow the STATE PILOT System of Feeding —It's Easy and Profitable— It pays to stick to STATE PILOT

Manufactured Exclusively by
Haynes Milling Co., Inc.
Portland, Indiana
1896 - 1946

NPIP PARTICIPATION LIST
(Continued from page 93)

Martin's Bunny Hatchery—Eatonton: '39; APC4; BR*, WR*, RIR*, BR*, WR*, BOP-DC*, WL*, Co; BOP-PC4, BR*, WA*, WL*, RR.
J. A. McCarty Seed Co—Evansville: '38; APC4; BR, WR, RIR, BR, WL.
Marion Feed Mill & Hatchery—Ft. Wayne: '41; APT; BR, WR, WL, RIR.
McCreary's Hatchery—Hartford City: '36; APC4; WR, BR, WL, RR Co.
McDonald's Hatchery—Sheridan: '16; APC4; BR, WR, WL, NR, WW.
George Meckle Hatchery—Fort Wayne: '41; APC4; NR*.
Meeker's Poultry Farm—Kingman: '46; APC4; BR, RR, Co; CPC4; BR, WR, WL; BOP-PC4, WL.
Mikesell Hatchery & Poultry Farm—Union City: '41; CPF; WL.
Model Hatchery—Monroe: '39; APT; BR*, WR*, WL*.
Moder Hatchery—Ridge: '39; APC4; BR*, WR*, RIR*, MR*, WL*.
Monroe Co. Farm Bureau Coop. Hatchery—Bloomington: '41; APC4; BR, WR, RIR, RR, WL.
Morris Electric Hatchery—Muncie: '40; APC4; BR, WR, WW, BR, BO, WL.
Nash Hatchery—Shoals: '41; APT; BR, WR, RIR, NR, WL, RR.
National Hatchery—Bluffton: '38; APT; BR*, WR*, WW, RR, RIR, BO, WL.
Nelson Poultry Farm—Milltown: '46; CPC4; WL.
Nelson Poultry Farm—Milltown: '46; APC4; NR*, WL*, WL.
Neuhauser Hatchery, Inc.—Evansville: '46; APC4; BR, WR, NR, WL.
Neuhauser Hatchery—Huntington: '41; APC4; BR, WR, NR, WL, Co.
Neuhauser Hatchery, Inc.—Kenton: '46; APC4; BR, WR, NR, WL.
Noble Co. Farm Bureau Hatchery—Albion: '41; APT; BR, WR, WL.
Noblesville Electric Hatchery—Noblesville: '37; APT; BR*, WR*, WW, RIR, WL, Co.
Nobbit Hatchery—Rockville: '40; APC4; BR, WR, Co.
Norton Hatchery & Feed Store—Petersburg: '41; APT; BR*, WR*, BoB*, WW*, RIR*, MR*, WL*.
North Vernon Hatchery—North Vernon: '46; APC4; BR, WR, WL, NR.
Oakwood Poultry Farm & Hatchery—New Salisbury: '41; APC4; BR, WL.
O-Bl-View Poultry Farm—Lawrenceville: '46; APC4; BR*, WR*, RIR*, WL*, BoL, MR*, RIR*, WW*, RLW*, BO*, BA*, Co*.
O. K. Hatchery—Lebanon: '41; APT; BR, WR, WL, BO, NR, WL, Co.
Parke Co. Farm Bureau Coop. Hatchery—Rockville: '41; APT; BR, WR, WL.
Peters Feed Service—Brook: '41; APC4; BR, WR, WL, NR.
Bernard Pickel Hatchery—Mishawaka: '46; APC4; BR, WR, WW, BA, WL, RL, Co.
Pioneer Hatchery & Poultry Service—Sheridan (Delbridge): '46; APC4; BR*, WR*, NR*.
Pulaski County Farm Bureau Hatchery—Mount Vernon: '41; APC4; BR, WR, WL.
Pyrmville Hatchery—Pyrmville: '46; APT; BR, WR, WL, NR, RR, BO.
Pringle Poultry Farm & Hatchery—Goshen: '41; APT; NR.

INDIANA

STANDARD'S

U. S. APPROVED
U. S. PULLORUM CONTROLLED
CHICKS
bring you

QUALITY
LIVABILITY
SERVICE

We Hatch 9 straight breeds also
5 cross breeds and White and Dark Cornish
THE YEAR AROUND
Write Us For Your Needs—Excellent rail or air service

STANDARD HATCHERIES, Inc.
123 S. 3rd Phone C4977
TERRE HAUTE, IND.

DEPENDABLE PERFORMANCE

Whatever the hatching job—Petersime Hatchibators will Perform Dependably and Economically—You also get first—low cost, low operating cost and low maintenance cost. Petersime construction is designed and built to stay on the job year after year.

PETERSIME HATCHIBATOR MODEL NO. 42
(Two Units) Shown Above

This two cabinet unit consists of one double incubator and one hatcher, and is a proven favorite in leading hatcheries today. The open view shows the two separate compartments in the incubator. This unit sets 6,000 eggs twice a week. Complete specifications sent on request.

Petersime Incubators Built in Capacities to Meet Your Needs

Model 84-D Hatchibator	84,000	Model 12-D Hatchibator	12,000
Model 42—42,000, 2 incubating units, 1 hatcher.		Model 11-D Hatchibator	11,000
Model 20-D Hatchibator	20,000	Model 6-D Hatchibator	6,000

STANDARD MODEL PETERSIMES built in 1,400—2,663—7,000—9,000 and 16,000 egg capacities

PETERSIME co-operative purchase plan is designed to give to every customer the greatest consideration and convenience in buying our equipment.

WRITE TODAY FOR A FREE COPY OF PETERSIME'S NEW COMPLETE CATALOG, IT IS FREE

PETERSIME INCUBATOR CO.
Gettysburg, Ohio

NPIP PARTICIPATION LIST
(Continued from page 94)

Pursley Hatchery—Fernwood: '37; APC4; BR*, WR*, BnR*, WW*, RIR*, BR*, BO*, WL*, Cr*.

Putnam Co. Farm Bureau Hatchery—Greencastle: '34; APC4; BR, WR, RIR, BR, WL.

Records Hatchery—Bloomington: '44; APC4; BR, WR, BnR, WW, RR, BO, WL.

Record Hatchery—Spencer: '44; APC4; BR, WR, WW, RIR, RR, WL.

Record Hatchery—Terre Haute: '41; APC4; BR*, WR*, BnR*, WW*, RIR*, NH*, WO*, Bs*, BO*, DO*, WL*, RsL*, AsC*, Cr*.

Reed Rose—Fremont: '46; APC4; WL, WR.

Reinhart's Hatchery—New Salisbury: '41; APC4; BR, WR, BnR, WL, NH, RIR, WW, SLW, BO.

Riley Hatchery—Fowler: '38; APP; BR*, WR*, WL*.

Riley Hatchery—Melbourne: '36; APC4; BR, Cr.

Riley Poultry Farm—Lafayette: '37; APP; BR*, WR*, CPP, WL*; BOP-PP, BR*, WR*.

Ripley Co. Farm Bureau Hatchery—Osgood: '41; APC4; BR*, WR*, RIR*, WL*, Cr*.

Ritter's Hatchery—Anderson: '42; APT; BR, WR, NH, Cr.

Rupp Brothers Hatcheries—Middlebury: '37; APT; BR, WL, RL.

Rupp Brothers Hatcheries—Shipshewana: '37; APC4; BR*, WR*, WW*, WL*.

Rush Co. Farm Bureau Hatchery—Rushville: '46; APT; BR, WR.

Salm Hatchery—Salem: '41; APC4; BR, WR, Wh, RsL, NH, RIR, WW, SLW, BnW, BO, As, BnW, WJO, Cr.

Salisbury Electric Hatchery—New Salisbury: '46; APC4; BR, WR, WL, BrL, NH, RIR, WW, BO, Cr.

Sander's Poultry Farm Hatchery—Grabill: '46; APC4; BR, WR, WL, Cr.

Schorr's Electric Hatchery—Burnsville: '43; APC4; BR*, WR*, WW*, NH*, WL*.

Sermont Electric Hatchery—Sermont: '44; APC4; BR, WR, BnR, WL, RIR, WW, BO, BnR.

Shamrock Hatchery—Ireland: '44; APC4; BR, WR, RIR, NH, WL, Cr.

Shaw's Hatchery—Crawfordsville: '37; APC4; BR*, WR*, NH*, WL*, Cr.

Sharp's Leghorn Farm—Keystone: '46; APT; WL, BR, WR, NH.

Walter A. Sheets Co.—Crawfordsville: '44; APC4; BR, WR, NH.

Shepherd Hatchery & Poultry Farm—Cannelton: '43; APT; BR*, WR*, WL*, NH*.

Sherwood Hatchery & Poultry Farm—New Castle: '44; APC4; WR, WL, NH, Cr.

Sherling Brooder Hatchery—Winchester: '38; APC4; WL*.

Sigma Lake Egg Farm & Hatchery—Sigma: '41; APT, BR*, WR*, RIR, NH*; BOP, APP, WL*.

Omer F. Smith White Leghorn Farm—Hagerstown: '38; APC4; WL*.

South Bend Feed & Seed Co.—South Bend: '41; APC4, BR, WR, NH; CPC4, WL.

South Whitley Hatchery—South Whitley: '42; APC4; BR, WR, WL.

Spencer Co. Farm Bureau Hatchery—Chrisney: '41; APC4; BR*, WR*, WL*.

Miss Pearl Stable—Milan: '46; APC4; BR, WR, RIR, NH.

Standard Hatcheries, Inc.—Terre Haute: '41; APT; BR, WR, BnR, WL, BrL, NH, RIR, WW, SLW, BO, BC, WW, BnW, BR, As, Cr.

"PRODUCTS OF SCIENTIFIC MERIT"

VITAMIN PRODUCTS—

Whitcod . . . Available as a pure cod liver oil and as a cod liver oil concentrate.

Flav-A-Dee . . . A blend of cod liver meal, animal liver meal, and dried brewers yeast—a complete vitamin supplement.

Booster Pellets . . . A complete booster feed for poultry in pellet form.

Clo-Meal . . . A natural riboflavin concentrate.

Gro-Tein . . . A rich protein supplement.

DISINFECTANTS—

Hydrel . . . An oil dilution disinfectant especially for poultry use.

Whitpine . . . A high grade emulsive pine oil disinfectant for hatcheries.

DISEASE TREATMENTS—

Meratrol . . . For treating pullorum (contains a sulfa drug)

Sulfatrol . . . For treating cholera and coryza (contains a sulfa drug)

Write for free literature on poultry diseases and for information on our complete line of products.

WHITMOYER LABORATORIES, Inc.

MYERSTOWN, PENNA.

CORN BELT FEED AND HATCHERY CO.

Boswell, Indiana

SUPERIOR HATCHERY Boswell, Indiana

CORN BELT HATCHERY Oxford, Indiana

U. S. Approved—Pullorum Controlled

Quality Chicks

Barred Rocks

New Hampshires

Rock-Red Crossbreds

Guaranteed Livability

Complete Line Poultry Supplies
Corn Belt and Quality Feeds

U.S. APPROVED

U.S. Pullorum Controlled

U.S. AA Grade LARGE (In date graded)

Federal-State Grading Service
Poultry Department
Purdue University

INDIANA FEDERAL-STATE

EGG and POULTRY GRADING SERVICE

Market Your Eggs and Poultry under Certificate of Quality

U.S. A Grade LARGE

United States Department of Agriculture Cooperating

Federal Certificate of Quality helps to establish integrity of the product. Your official state agency invites you to participate in the sixteenth year of quality marketing under official United States Government Grades.

1946 PARTICIPATION LIST

Advance Foods, Centerville—a
Armour & Co., Indianapolis—a
Crotchton Bros., Warsaw—ab
Swernin & Co., Otto—ab
Central Poultry Co., Silver Lake—b
Highway Butter & Egg Co., Indianapolis—c
Kingan & Co., Indianapolis—ab
Kroger Grocery & Baking Co., Cincinnati—a
McKillop Product Co., Greensburg—a
Mid-State Products Co., Indianapolis—bc
Northern Indiana Producers, Valparaiso—c
Pull Salisbury Milk Co., Indianapolis—a
Salem Purina Co., Anderson—ab
Sullivan Producers Co., Terre Haute—c
Arthur Schmeck Co., Terre Haute—ab
Schmeckenber Bros., Huntington—ab
Swift & Co., Indianapolis—ab
Swift & Co., Lawrence—a
Swift & Co., Horton—a
Swift & Co., Dallas City—a
T. K. Tinkel & Co., Dallas City—a
The Whitley Company, Terre Haute—c

a. Certificate of Quality
b. Grading Service
c. Inspection of Processing

NPIP PARTICIPATION LIST
(Continued from page 94)

Star Hatchery Company—Hufford: '46; APCE; BR, WR, WW, RIR, WL.
Stebler's Hatchery—Kendallville: '47; APCE; BR*, WR*, NH*, C*; CPCE, WL*.
Steele's Hatchery — Woodburn: '46; APT; BR*, WR*, WL*, RIR*.
Stephens Hatchery—Star City: '47; CPP; WL*.
Stephen Co. Farm Bureau Hatchery—Angola: '46; APP; BR, WR, WL.
Stifel Grain Co. Hatchery—Alton: '47; APCE; BR, WL.
Stockwell Hatchery—Stockwell: '41; CPP; BR, WR, RIR.
Strohmier Feed Market and Hatchery—Brookville: '46; APCE; BR, HR, WR, WW, RIR, NH, WL.
F. W. Stoller & Son Hatchery—Vincennes: '41; CPCE, WL; APCE, BR*, BrR*, NH*, WJG*, WR*, RIR*, WW*, WL*, RL*, Ar*, Cr*.
Sunshine Feed Store—Burton: '46; APCE; BR*, WR*, NH*, WL*.
Sunshine Feed Store & Hatchery—Mt. Vernon: '47; APCE; BR*, WR*, WL*, NH*.
Sunshine Feed Store & Hatchery—Evansville: '46; APCE; BR*, WR*, RIR*, WL*.
Sunshine Feed Store—Rushville: '46; APT; BR, WR, BrR, WL.
Sunshine Feed Store—Shelbyville: '46; APT; BR, WR, BrR, NH, WL.
Sunshine Hatcheries—Corydon: '46; APCE; BR, WR, BrR, WW, SLW, RIR, NH, BJG, WJG, WL, BrL, RR, WR, BrR, BO, Cr.
Sunshine Hatcheries—Hartford: '46; APCE; BR, WR, BrR, WW, SLW, RIR, NH, WJG, WL, BrL, BR, WR, BrR, BO, Cr.
Sunshine Hatcheries—Sun Albany: '46; APCE; BR, WR, BrR, WW, SLW, RIR, NH, WJG, BO, WL, BL, WR.
Superior Hatchery—Boswell: '41; APCE; BR, NH, Cr.
Sutton Hatchery—Aurora: '46; APCE; BR*, WR*, WW, RIR, WL, Ar*.
Swanson's Hatchery—Alexandria: '46; APCE; WL*.
Swanson Leghorn Farm—Alexandria: '43; APCE; WL*.
Swayne Community Hatchery — Swayne: '41; APCE; BR, WR, NH, WL.
Switzerland Co. Farm Bureau Hatchery—Vevay: '41; APCE; BR, WR, WL.
Taylor's Poultry Breeding Farm—Cedar Lake: '41; APP; WW.
Taylor Breeding Farm & Hatchery—Lynn: '39; CPP; BR*, WR.
Ten Barge Farm Supply — Hardinsburg: '41; APCE; BR*, WR*, RIR*, WL*.
Thayer's Hatchery—Batesville: '44; APT; BR*, WR, BrR, RIR, NH, BA, WL, Cr.
Thayer's Hatchery—Osgood: '44; APT; BR*, WR, BrR, RIR, NH, BA, WL, Cr.
Mrs. Lynn Thomas—Fairbanks: '39; APCE; BR*, WR*.
Thornwood Hatchery—Crandall: '41; APCE; HR, WR, BrR, WW, SLW, RIR, NH, WJG, Br, BO, BA, WL, BL, BrL, WR, BrR, Ar, Cr.
Tipton Hatchery—Tipton: '41; APCE; BR, WR, NH, WL, Cr.
Tipton Co. Farm Bureau Hatchery—Tipton: '41; APP; BR, WR, WL, Cr.
Topeka Quality Hatchery—Topeka: '44; APT; BR, WR, WL, BrR, Cr.
Valparaiso Hatchery—Valparaiso: '45; APT; BR*, WR*, WW*, RIR*, BO, WL*.
Valparaiso Hatchery—Valparaiso: '39; APT; BR, WR, NH, WL.

12-gal. capacity tank, 1 h. p. universal motor. Weight, 40 lbs. 40" waterlift, 175 c.f.m.

Clean Hatcheries
Pay More Profits
Clean them with
TORNADO
VACUUM CLEANER

POWERFUL, portable, compact, light weight, TORNADO quickly cleans hatcheries and equipment—in minutes! Result—less labor—cleaner incubators and pens—healthier, living chicks!

Request details and FREE TRIAL Offer

BREUER ELECTRIC MFG. CO.
5120 N. Ravenswood Ave.
CHICAGO 40

ARCADY POULTRY FEEDS

Popular with Poultrymen Everywhere
For More Than a Generation

Impressive records of profitable meat and egg production are prevalent wherever Arcady Poultry Mashes and Pellets are fed. Ask those who feed them.

Alert research and field organizations have maintained Arcady leadership in the Poultry Feed field for more than a generation. Arcady Feeds, always noted for uniform quality, contain every single protein, vitamin and mineral your birds need for growth, vitality and production.

Now is the time to feed the Arcady Poultry Feed your flock needs.

ARCADY PROVIDES:

FOR CHICKS
- Arcady Chick Starter and
- Arcady Growing Mash

FOR BROILERS
- Arcady Complete Broiler Ration
- Arcady Wonderfat Pellets

FOR LAYERS AND BREEDERS
- Arcady Egg & Breeder Mash
- Arcady Wonderfat Pellets

FOR FATTENING BIRDS
- Wonderfat Station Feed
- Wonderfat Shipping Feed
- Wonderfat Crate Fattener
- Wonderfat Pellets with Condensed Buttermilk

FOR POULTS
- Arcady Turkey Starting Mash
- Arcady Turkey Growing Mash

FOR TURKEY BREEDERS
- Arcady Turkey Breeder Mash

FOR MARKET TURKEYS
- Wonderfat Pellets

FOR GAME BIRDS
- Arcady Game Bird Starter Pellets
- Arcady Game Bird Grower Pellets
- Arcady Game Bird Breeder Pellets

A Feed and Feeding Program for Every Farm Need

ARCADY FEEDS

ARCADY FARMS MILLING COMPANY
222 W. Jackson Blvd.
Chicago 6, Ill.

NPIP PARTICIPATION LIST

(Continued from page 98)

Vanderburgh Co. Farm Bureau Hatchery—Evansville: '41; APCd; BR, WR, NH, WL.
Vigo Co. Farm Bureau Hatchery—Terre Haute: '41; APT; BR, WR, WL.
Wabash Co. Farm Bureau Hatchery—Wabash: '41; APT; BR*, WR*, WL*.
Waldron Hatchery—Waltron: '46; APT; BR, WR, WL, NH.
Walker Hatchery—Lafayette: '38; APT; BR, WR.
Warrick Co. Farm Bureau Hatchery—Boonville: '41; APCd; BR, WR, NH, WL.
Washington Hatchery — Washington: '41; APCd; BR, WR, NH, WL, BR, Gr, BnE, WW, BIR.
Waterloo Hatchery—Waterloo: '43; APCd; BR, WR, NH, WL.
Wayne Co. Farm Bureau Hatchery—Richmond: '41; APT; BR, WR, WL.
Weaver's Hatchery—Wakarusa; '46; APCd; BR, WR, WL, NH.
Whitsell Farm Hatchery—Washington: '46; APCd; WR, BIR, WL.
White County Hatchery—Monticello; '34; APCd; BR*, WR*, WL*.
Whitley Co. Farm Bureau Hatchery—Columbia City: '41; APCd; BR, WR, WL.
Williamsport Electric Hatchery—Williamsport; '21; APT; BR, WR, BIR, NH.
Winamac Hatchery—Winamac; '46; APT; BR, WR, NH, WL.

NEW HAMPSHIRE CHICKS

Success is sure when you put our

New Hampshire chicks under your hover.

MODOC HATCHERY

U. S. Approved — Pullorum Controlled

Box 37 — Phone 30 — Modoc, Indiana

Poultry Building, Purdue University. The heart of Indiana's 1st Million Dollar Poultry Industry.

This is the home of the State Poultry Association of Indiana, the official state agency for administering the National Poultry Improvement Plan in Indiana.

This building was erected in 1923-24 with the pavilion added in 1937 as the result of a special appropriation by the Indiana legislature.

SPEEDY GROWTH

from Chick to Layer

ON THE PURINA PROGRAM

Every farmer who owns chickens knows the advantages of speeding his birds to the nest . . . lowers the cost of preparing the pullets . . . saves time . . . and often results in additional profits. Yet, how many farmers are on a program planned to accomplish this? Do you have a working plan? If not, try the method used by many of our country's leading poultry raisers . . . the Purina Program.

No feed alone can give you the best results if one of your other program phases—Breeding, Management or Sanitation—is neglected. On the other hand, good Breeding, sound management, and careful Sanitation may not better your results—unless you have the right feed.

Choose a feed of national reputation. A feed which has a proven program designed to give farmers top results.

See your Purina dealer for poultry feeds and supplies today.

RALSTON PURINA CO.

For . . . STURDY CHICKS . . . FAST GROWTH . . . TOP PRODUCTION

1947 Blue Book Advertisers

BREEDERS AND HATCHERYMEN	Page
White Leghorns	
~~Carolina Hyline Matrix~~	~~1~~
~~Sunnyvale Leghorn Farm, Hartford~~	~~7~~
Sullens Poultry Farm, Mentor	10
Reib Leghorn Farm, Twelve Mile	11
Barred Rocks	
Elmer Teskers, Lynn	10
R. C. Wallace, Lafayette	10
White Rocks	
Riley Poultry Farm, Lafayette	10
New Hampshires	
Victor Bryan, Gaston	10
George Merkle, North Manchester	10
Redan Hatchery, Medon	100
Turkeys	
Farmers Hatchery and Supply Co., Martinsville	12
The Hedges Turkey Hatchery, Goshen	12
Shawnee Turkey Hatchery, Crawfordsville	17
Several Varieties	
Baumgartner's Hatcheries, Bluffton	42
John Border, Bourbon	10
Carter's Hatchery, Columbia	41
Charabaugh Hatchery, Churubusco	17
Clover Valley Poultry Farm, Ramsey	10
Cook's Quality Hatchery, Frankfort	10
Corn Belt Feed & Hatchery, Roswell	37
Cropden's Sterling Hatchery, Ramsey	10
Deidre's Poultry Farm, English	47
Dixie Poultry Farm, Center Point	32
Geneva Hatcheries, Geneva	41
Don Gillen & Sons, Wabash	10
E. J. Graf Hatcheries, Evansville	10
Gray's Hatcheries, Evansville	10
Hadley Hatchery, Remington	10
Heber's Quality Hatchery, New Albany	10
Hoosier Red Farm, Ramsey	10
Ind. Farm Bureau Co-op. Ass'n., Indianapolis	10
Ind. ROP Breeders Ass'n., Lafayette	23
Jones Hatchery, Lafayette	10
Kokomo Electric Hatchery, Kokomo	11
Lathrop's Hatchery, Richmond	10
Lawson's Hatchery, Gaston	10
Lucas Hatchery, Brownstown	11
Lett's Hatchery, Washington	11
Martin's Bunny Hatchery, Ramsey	13
Oakwood Poultry Farm, New Salisbury	11
Ruby Brothers Hatcheries, Middlebury	11
Shaver's Hatchery, Crawfordsville	10
Standard Hatchery, Terre Haute	10
Steckley's Hatchery, Kendallville	10
Stutler and Son Hatchery, Vincennes	Back Cover
Sunshine Hatcheries, New Albany	Inside Back Cover
Thornwood Hatchery, Crandall	10
Tipton Hatchery, Tipton	11
Washington Hatchery, Washington	10

ALLIED INDUSTRY	Page
Equipment and Supplies	
Bowser Electric Mfg. Co., Chicago, Ill.	10
Busby Incubator Co., Springfield, O.	10
Buck Elevator Co., Decatur	10
Chick Master Incubator Co., Cleveland 2, Ohio	10
Copley Incubator Co., White Pigeon, Mich.	17
Corlene Mfg. Co., Urbana	10
GEM Way House, Inc., Walnut, Ill.	10
Gland-O-Lac Co., Omaha, Nebraska	11
Lederle Laboratories, Inc., Chicago, Ill.	11
The Mahonk Line, Hancock, Ill.	10
Walter Miller, Germantown, Ohio	10
National Band & Tag Co., Newport, Ky.	11
Oakes Mfg. Co., Tipton	3
W. A. Oates—Distributor, Indianapolis	10
Petersime Incubator Co., Gettysburg, Ohio	11
Portland Cement, Indianapolis	17
Pre-Fab Industries, South Bend	27
Self Locking Carton Co., Chicago, Ill.	47
Tobacco By-Products Corp., Louisville, Ky.	15
Val-A Company, Chicago, Ill.	49
Vineland Poultry Laboratories, Vineland, N. J.	41
Poultry Foods	
Allied Mills, Inc., Ft. Wayne	13
Arcady Farms Milling Co., Chicago, Ill.	90
Consolidated Products Co., Danville, Ill.	10
Goodrich Farm Supply, Winchester	41
Hain & Hunter Co., Chicago, Ill.	47
Hayes Milling Co., Inc., Portland	10
Indiana Farm Bureau Co-op. Ass'n., Indianapolis	10
McMillen Feed Mills, Inc., Ft. Wayne	1
National Research Associates, Inc., South Whitley	104
Philip R. Parks, Inc., Chicago, Ill.	10
Purina Mills, St. Louis, Mo.	111
Quaker Oats Co., Chicago, Ill.	8
Stone Mt. Grit Co., Lithonia, Ga.	77
Vitality Mills, Chicago, Ill.	91
Whitmoyer Laboratories, Inc., Myerstown, Pa.	16
Miscellaneous Services	
American Poultry Journal, Chicago, Ill.	1
DeKalb Agricultural Ass'n., DeKalb, Ill.	17
Grain Dealers Insurance, Indianapolis	12
Ind.-Federal-State Grading Service, Purdue	17
Mid-West Chick Saving Service, Richmond	11
Stafford Gregg Agency, Indianapolis	10
Poultry Tribune, Mt. Morris, Ill.	10
Public Service Co. of Indiana	103
Sherman White & Co., Ft. Wayne	11
Dr. F. C. Tasker, Claypool	17

Poultry House Lighting Increases Egg Production

Every well-informed hen knows she can produce more eggs when the poultry house is lighted. A few small electric bulbs and an automatic switch are all you need to get your hens off to an early start in the morning, and keep them working for you later at night.

If you haven't introduced electric lighting to your flock, try it! You'll find it's one of the best investments you ever made to increase your profits.

Consult with our Rural Service Department

PUBLIC SERVICE
COMPANY OF INDIANA, INC.

Carotene Boosts Profits

NRA Carrot Oil Is Offered in a Complete Line of Vitamins for Poultry Feeds

The vitamin A activity of carrot oil comes from its high concentration of carotene. Carotene is the international standard of vitamin A activity. It is the source of the well-known health and conditioning value of carrots.

Vitamin A activity from carrots runs into its the long run because of its remarkable stability and high nutritional value. Prepared and offered in the following forms and combinations.

20X MILLIC

Has Twenty Times the Vitamin Potency of Dried Milk

- Production is not subject to seasonal variations
- Doubts existed about the ease as dried milk 20X Millic is a high potency vitamin compound designed to offer the most important advantages of dried milk in animal feeds, and in overcome its several disadvantages. Millic is uniform in potency and quality, is produced from materials that are available in quantity at all times; it is therefore not subject to seasonal fluctuations in supply, and the attractive low cost makes it possible to use it liberally where needed. The vitamin potency of 20X Millic is twenty times that of the best grades of dried milk, so that a hundred pounds of 20X Millic will do the work of a ton of dried buttermilk.

CHICADEE

You Do Your Seasonal Source of Vitamin D in Poultry Feeds

- Keeps longer—Dry form—2 potencies
- 100% reliable—poultry vitamin prime is.

Chicadee is a dry form of vitamin D as "D"-Activated Animal Sterol for use as a source of chick tested vitamin D in all poultry feeds. Its purpose is to make available to poultry feed manufacturers a dry vitamin D product in highly potent form without interfering with other vitamins at the lowest possible price consistent with high quality and 100% reliability. Two potencies are available containing 3,000 and 4,000 A.O.A.C. chick units of vitamin D per gram, respectively.

The standard potency of Chicadee is 3,000 A.O.A.C. vitamin D units per gram (equal to 80,000 units per pound). Keeping quality tests on Chicadee have proven that vitamin dry vitamin D contains remaining fat completely lose their potency when a vitamin D. Chicadee will possess the full guaranteed potency after storage periods far in excess of the feed manufacturer's requirements.

CARADEE

Carrot Oil "A" in Combination with Chick-tested "D"

- Use in poultry feeds for vigor and growth—increase poultry and egg profits
- Carrot oil contains potency. "D" vitamin retains potency longer with carrot oil
- Both vitamins are fat soluble. Decreases pure potency of Caradee for poultry.

Caradee is a Medicinal Feeding Compound consisting of the same ingredients as Super Carrot for Feeds, with the addition of "D"-Activated Animal Sterol as a source of chick-tested vitamin D. Caradee is designed especially as a source of [illegible] vitamins for all poultry feeds, including chicks, turkeys, and all other birds. The vitamin A potency is 150,000 U.S.P. units per [illegible] and two different vitamin potencies are available [illegible] 400 A.O.A.C. vitamin D units.

SUPER CAREX

All the Splendid Health Values of Carrot Oil in Dry Form

- The color is a reliable gauge of its vitamin activity—safe at a glance
- Rice in Vacuum-sealed. Retains potency best of any vitamin A product
- Carrot oil induces such animal's liver to assume Carotene "A" best suited to it.

Super Carrot is a Medicinal Feeding Compound consisting of Quantum Carotene Feeding Oil in dry carrots, wheat bran, middlings, feeding oat meal, Carrot Oil meal and alfalfa leaf meal. It is ideal for the incorporation of Carrot Oil as a source of carotene vitamin A activity and vitamin A into animal feeds of all kinds, and is used by both feed manufacturers and breeders. The vitamin A potency is 150,000 U.S.P. units per pound.

SEND FOR NRA'S UNABRIDGED CATALOG

Contains complete information on carotene for poultry, 4-footed animals and all other uses of carrot oil. 48 pages of scientific facts. Illustrations and cases reports on greater profits from using carotene in feeds.

NUTRITIONAL RESEARCH ASSOCIATES, Inc.

Dept. F

SOUTH WHITLEY, INDIANA

Sunshine Chicks

Millions Sold Annually To Wholesale Customers With Us Many Years

These Advantages Pay You Well:—

1. **LONG EXPERIENCE**
   We know how to protect your interests. Sunshine serves some of America's largest buyers.
2. **EXCEPTIONAL SHIPPING FACILITIES**
   Mail and Express service to all points daily.
3. **COMPLETE SERVICE**
   Leading purebreeds, hybrids and sexed chicks. We operate 52 weeks annually. U. S. Approved and Pullorum Controlled. Chicks from 3 grades, including breeds sired 100% by males from R. O. P. breeders. 6,000,000 sold annually.
4. **WELL TRAINED ORGANIZATION**
   Accustomed to handling wholesale business. Not perfect—but competent, experienced.

LET US GIVE YOU FURTHER PARTICULARS

U.S. PULLORUM CONTROLLED

Sunshine Hatcheries

NEW ALBANY, INDIANA

FRED W.

OUR GREATEST ASSET

IS OUR MANY

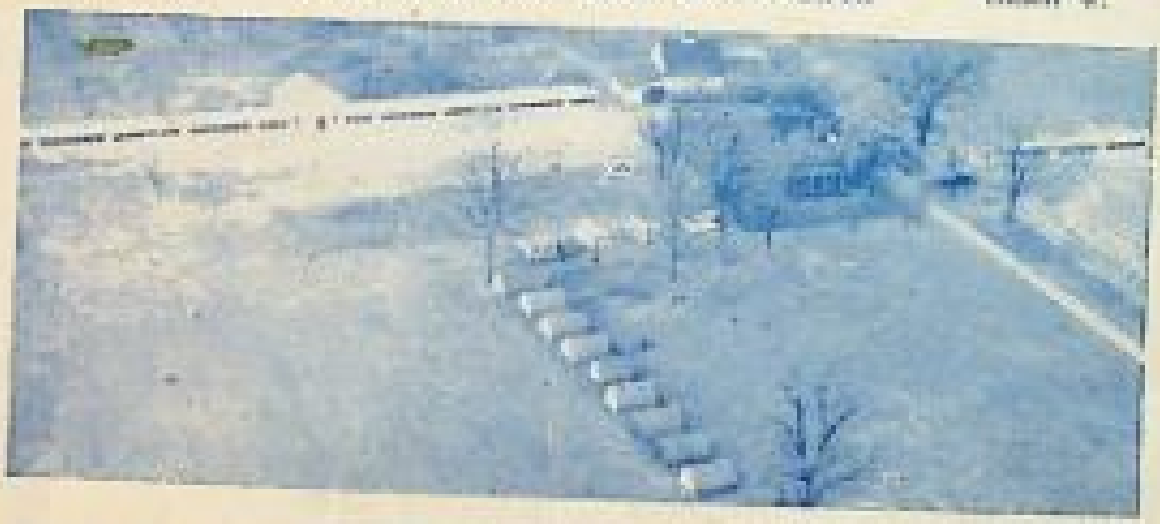
SATISFIED CUSTOMERS

INCREASED VOLUME and QUALITY

FOR SEVENTEEN YEARS

All Chicks From Farm R.O.P. Sired

HERB W.



Poultry Farms Three Miles North of Vincennes on Highway 41

F. W. STUDLER & SON

Office and Hatchery, 901 Main St.

VINCENNES, INDIANA