

## Healthy, Properly Fertilized Crops May Allow Better Insect Control

Preliminary experiments by U. S. Department of Agriculture scientists indicate the possibility of a correlation between giving plants the nutrients they need for optimum growth and successful control of spider mites attacking such plants.

The USDA scientists found that spider mites attacking pole lima beans were easy to kill with malathion when the beans were supplied with proper amounts of nitrogen, phosphorus and potassium for good growth. But they found mites generally harder to kill on plants receiving either less or more than required amounts of each nutrient.

These experiments were conducted at USDA's Agricultural Research Center, Beltsville, Md., by USDA entomologist Thomas Henneberry and plant physiologist N. W. Stuart.

The experiments indicate that resistance to insecticides noted in insects and mites may actually represent changes in susceptibility caused by variations in plant nutrient levels.

Subsequent experiments may help determine the advantage of timing insect control practices with seasonal variations of nutrients in plants. The continued

research may also disclose why susceptibility of mites to insecticide decreases when nutrient levels are above or below plant requirements. Further work will also include study of the possible effects on mite susceptibility of plant-growth variations produced by variations in light and temperature.

## Farm Women 6 To See Movies Of Kitchens

Society of Farm Women 6 met recently at the home of Mrs. Clarence Greiner, R3 Elizabethtown.

Members responded to Roll Call by naming their favorite recipe.

Mrs. Harry Saylor gave an illustrated talk on their trip to Canada. Mrs. Elmer Gantz led the devotions and with Mrs. Willis Hackman served as co-hostess.

A representative from PP&L will show pictures of modern kitchens at the July meeting to be held in the home of Stella and Lela Cable.

A contribution of \$5 was given the Meals for Millions project and final plans were made to serve a dinner at the Wyeth Laboratories, Marietta.



**KimberCHIKS® LAY**  
WELL IN VARIED ENVIRONMENTS

Rank of nationally sold chicks in 1956-57 tests

(Based on income over feed cost except in N. Y., C., and Missouri)

July Calif. Mo. N.Y. C. Tenn. Ark. Ind.

| Strain       | Calif. | Mo. | N.Y. | C.  | Tenn. | Ark. | Ind. |
|--------------|--------|-----|------|-----|-------|------|------|
| Kimber K-137 | 4      | 4   | 6    | 5   | 2     | 4.2  |      |
| Strain A     | 3      | 10  | —    | 10  | 1     | 6.0  |      |
| Strain B     | 11     | 16  | 2    | 35† | 4     | 7.3  |      |
| Strain C     | 5      | 18  | 18   | 12  | 5     | 11.6 |      |
| Strain D     | —      | 6   | 24   | —   | 10    | 13.3 |      |
| Strain E     | 38     | 3   | 25   | 15  | 3     | 16.8 |      |
| Strain F     | 23     | 20  | —    | 7   | 18    | 17.0 |      |
| Strain G     | —      | 25  | 27   | 11  | 13    | 19.0 |      |

\*Incomplete. †Average of 2 entries.

‡Income over feed and chick costs.

K-137 entries ranked **FIRST IN NET INCOME** among all nationally sold chicks entered in three or more of the above tests. The average net income from Kimberchiks was 56¢ higher than the average of all entries. Such consistent, profitable performance in a wide variety of environments should encourage you to order K-137 Kimberchiks this season.

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## PENB Elects Californian President; Broilerman Named Vice President

NEW ORK — Larry Thompson, General Manager of Poultry Producers of Central California, San Leandro, was elected president of the Poultry and Egg National Board at the first meeting of the new streamlined Board of Directors. He replaces Herbert Beyers, Salt Lake City, the retiring president.

Thompson is one of six directors representing the egg segment of the industry on the new board. Tom Folger, Dahlonega Feed and Hatchery, Dahlonega, Ga., representing broilers, was elected first vice president.

Howard Kauffman, Kauffman Farms, Waterman, Ill. was elected second vice president. He represents the turkey interests.

**RE-ELECTED TO THEIR** respective posts of Secretary and Treasurer were Dr. L. A. Wilhelm, Quaker Oats Co., Libertyville, Ill. and Ralston Hannas, editor of the American Poultry Journal, Chicago.

John Hargreaves, Caroline Poultry Farms, Federalsburg, Md., representing Allied Industries and Don Turnbull, Executive Secretary of the American Poultry and Hatchery Federation, representing the Directors at Large, were elected to the Executive Committee.

In addition to Hargreaves and Turnbull, the seven-man Executive Committee is composed of the President and two Vice Presidents and the Secretary and Treasurer who are non-voting members.

In selecting the new officers and members of the Executive Committee the Board of Directors gave careful consideration to the nominees' commodity interests and geographical representation. Twenty-four of the new Board's 30 members attended the meeting.

**IN OTHER BUSINESS** before the meeting, treasurer Ralston Hannas reported that commodity income, as of April 30, 1958, was 60 per cent greater than at the same time a year ago. Hannas reported a figure of \$64,868 for the first third of the current year, as opposed to \$40,398 for 1957. Hannas pointed out that, although the increase indicated an encouraging trend, it is still substantially below what is needed to carry on the expanded consumer education program.

The Board approved unanimously a new voluntary investment program presented by Lloyd H. Geil, general manager. Geil pointed out that the new finance program for the poultry industry investments in PENB was "developed in cooperation with the PENB Financial Advisory Committee with the assistance of other key leaders in the poultry industry."

**THE INVESTMENT** program as outlined by Geil is designed to provide adequate funds for a consumer educational promotional program which individual members of the poultry industry could not carry on for themselves. It calls for national, state, and local promotions to create greater consumer acceptance of poultry products.

In operation, the plan is basically a membership check-off program set up so that every branch of each segment of the industry can cooperate on a voluntary basis. The program will be administered by a professionally qualified executive on the PENB staff who will work in close cooperation with other national, state, and local poultry organizations in implementing the investment program.

In another area, the Board voted to amend PENB bylaws to change its fiscal year from the Oct. 1-Sept. 30 year, adopted in Chicago at the April 11 Annual Meeting, back to the original calendar fiscal year. The action means that the Annual PENB Membership Meeting will be changed back to an April date rather than being held in November. The Board then scheduled its second yearly meeting for November or early December.

In other action, selection of

Standing Committees was undertaken for the Egg, Broiler, Turkey, and Allied Industry segments of the industry. However, announcement of Standing Committee memberships will be made at a later date.

**WHILE IN** New York the Board members also attended the 10th annual celebration of the Poultry Products Booster Day held at the Sheraton-McAlpin and sponsored by the Eastern Branch Office of PENB.

The program this year was called the "Anniversary Fair" and featured exhibits by 42 participating food organizations in addition to a Reception and Banquet.

Purpose of the event is to allow other food promotion groups working with PENB to become better acquainted with its activities and with each other.

Cooperating with all segments of PENB in staging the affair were the Delmarva Poultry Industry, Inc., the Northeastern Poultry Producers Council, Inc., and the National Turkey Federation.

The Fair had the largest turnout in its history, with more than 400 persons attending the Reception and Banquet, including many prominent food editors and writers.

A highlight of the Banquet was the presentation of \$25,000 in contributions to the PENB program. Donors were as follows: \$15,000 from the Delmarva Poultry Industry, Inc., Georgetown, Del.; \$7,500 from the National Turkey Federation, Mount Morris, Ill.; \$1,500 from the Poultry Producers of Central California at San Leandro, and \$1,000 from the Grange Company, Modesto, Calif.

## March Seed Exports Way Up

During March of this year, the U. S. exported nearly twice as much seed as it did in March 1957, according to figures released last week by the Foreign Agricultural Service. The total for the first 9 months of the current crop year is reported at 39.6 million pounds, more than 2 million pounds above the corresponding period of last year.

So far this year, exports of alfalfa seed at 17,282,000 pounds, have already exceeded last year's all time crop year total of 17,060,000 pounds.

The largest shipments of U. S. seed went to Canada, Poland, and West Germany in March.

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