

**Antibiotics**

(From page 7)  
for the disease. It remains, however, the most serious ailment affecting bees. Researchers find antibiotics effective in controlling outbreaks of American foulbrood and other bee diseases. Many different antibiotics effective in controlling out-

breaks of American foulbrood and other bee diseases. Many different antibiotics are available for such use.

Adult bees assist in controlling American foulbrood—a larval disease by feeding antibiotics to the larvae. The adult honeybees are first fed sugar syrup containing sulfathiazole (0.5 to 1.0 gram

per gallon of syrup), or are dusted or sprayed with a powdered sugar-terramycin mixture at the rate of 0.1 to 0.2 gram terramycin per colony.

The larvae eat the antibiotic containing food supplied by adult bees. The drug then kills disease organisms inside the larvae.

Antibiotics are also used to combat European foulbrood, Nosema disease of adult bees, and other maladies.

**Continuing Studies are Underway**

USDA conducts bee disease studies at the Agricultural Research Center, Beltsville, Md., and at Laramie, Wyo., and Madison, Wis., where entomologists seek better ways to control prevailing diseases. The scientists also study foreign ailments that might affect domestic bees. In addition, a disease-diagnosis service is maintained. It provides the positive identification needed for effective field control of bee diseases.

Beekeepers treating their colonies with antibiotics are better able to control disease outbreaks and prevent spread to unaffected hives. Colonies are treated in the spring, at least a month prior to the bees' production of market honey. Timely application at recommended rates assures the production of pure honey and keeps bees healthy.

Financial losses from bee diseases are hard to calculate because of the insects' inestimable value as pollinators of

more than 50 agricultural crops. However, amounts spent for control of American foulbrood might be indicative.

In 1959, 17 States spent \$500,000 on apiary inspection for control of foulbrood. Colonies destroyed, because of State law enforcement, were valued at more than \$300,000.

sontown. Herbert R. Albrecht, Director of the State Agricultural Extension Service, at University Park, is an ex-officio member of the Committee.

**Providence 4-H Tours Projects**

Flowers, Vegetables, Rabbits, Chickens and food was the theme of the New Providence 4-H project tour on June 1.

The club visited members' homes to see what their projects were like. At the end of the tour a business meeting was held and refreshments were served at the home of Mrs. Henry, adult leader of the club.

The next meeting will be at 7:30 p.m. on June 22, at the New Providence Elementary school when the theme will be Wild Flowers and their uses.

News reporter for the New Providence 4-H community club is Miss. C. Jane Henry.

**Food Summary**

(From page 10)  
in areas further north. This is an important factor contributing to higher prices on new potatoes, cucumbers, tomatoes, cooking onions, cabbage, celery and leafy green salad vegetables.

Iceberg lettuce arriving from New Jersey and nearby points places this item on the list of good buys. Sweet corn, carrots, green beans and peppers also wear reasonable price tags.

Warm weather and the urge to cook outdoors means a stepped up demand for beef ribs and steaks. Bear in mind that forequarter beef must be sold too, so look for bargain buys on chuck roasts and hamburger. Broiler-fryers & fresh pork picnics complete the list of values at the meat counter.

With June being observed as Dairy Month, watch for special promotions with features at the dairy counter. This may include any one of the big variety of cheeses, ice cream or specially prepared milk products. Slightly higher egg prices are expected but this item continues as a good buy for the money.

**PLANT EVERGREENS**

If you're planning to plant some evergreens around the house this spring, A. O. Rasmussen, Penn State extension ornamental horticulturist, reminds you that you have a choice between the kinds that soon outgrow their position and those that will be permanent.

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