

Disease of Ornamentals

Anthraco-nose Can Be Controlled

Harrisburg — Conditions fall in many days of May this spring have been nearly ideal for development of anthracnose disease of shade and ornamental trees.

Pennsylvania Department of Agriculture plant pathologists said that white oak, sycamore, horse chestnut, poplar and willow trees are showing the spotting and blackening of leaves that are symptoms of the fungus disease.

An open winter, a delayed spring with March and April temperatures lower than normal, moderate to high rain-

and reduced sunshine in April and May preventing evaporation of moisture are the conditions most favorable for development of anthracnose.

Anthraco-nose fungi are spread principally by rain, and only slightly or not at all by winds or dew. The rain releases the spores. They spread them around and provides the free moisture necessary for spore germination. For this reason, the spread of the disease is generally from the top of the

tree down.

All foliage on a tree can be lost, but trees generally will sprout a second set of leaves.

There are several good fungicides on the market which will control fungi. Among them are Captan, Fermate, Cyprex and others. They may be purchased at hardware stores, garden shops and farm supply houses.

Plant pathologist William L. Yount says that spraying of large trees is not advised due to the cost, but small trees and ornamental plants can be sprayed. He also recommends the use of all-purpose sprays by the homeowner.

When spraying, be sure to follow directions printed on the spray container label.

Penn State Conducts Tests On Soy Beans

Varieties of soybeans that mature as late as frost allows made highest grain yields in 6-year tests conducted in southeastern and central Pennsylvania. When grown for hay, highest yields were obtained from varieties that had half the seed ripe in lower pods around Sept. 8-10. This is about when soybean hay should be cut.

These results are of trials conducted by J. B. Washko, Agronomist at the Penn State Agricultural Experiment Station. Trial soybean plots also were planted in northern Pennsylvania, but deer ate most of the growth. On those plots on which soy-

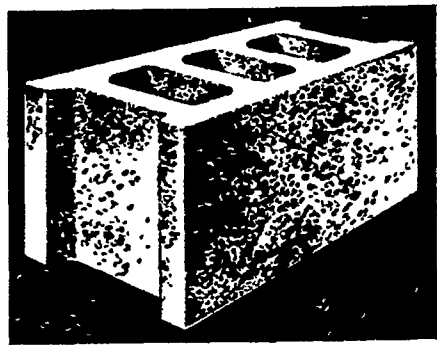
beans matured, early varieties tended to yield best.

When grown for grain at University Park, varieties Blackhawk, Chippewa, Earlsana, and Monroe tied for first place. Adams and Lincoln, mid-season varieties were about equal, and Harrow and Hawkeye yielded only slightly less. At Landisville, Hawkeye was highest in grain production.

Two late varieties, Perry and Wabash, were most productive of hay during the years, both at University Park and Landisville. Each averaged slightly more than 2½ tons at University Park and nearly 3 tons per acre at Landisville.

Lincoln was the highest hay yielder of the mid-season soybeans, about 2 tons per acre. Of the early varieties when grown for forage (Turn to page 10)

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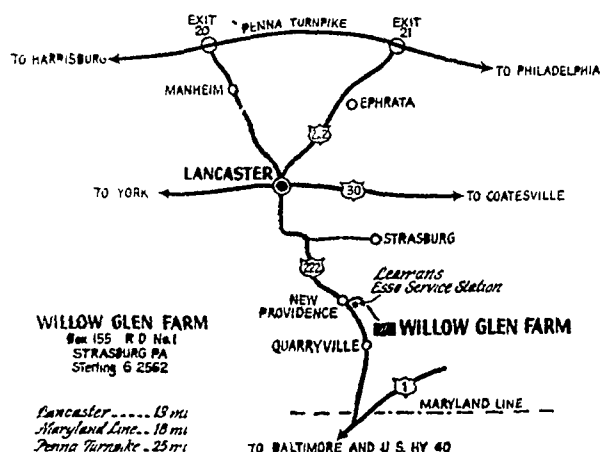
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Map showing location of Willow Glen Farm



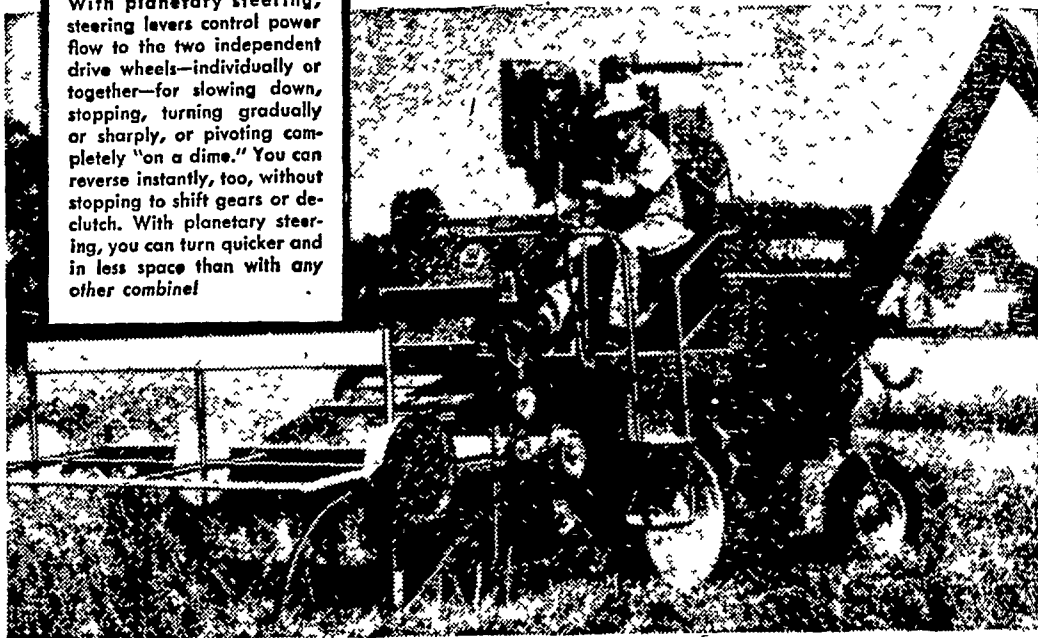
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