

Short Course Offers Beekeeping Basics

DOVER, DE — The general notion is that beekeeping is only for a fearless few who enjoy tempting fate by playing with bees.

Well, that notion is long outdated. Apiarists, the technical name for beekeepers, come in all shapes and sizes and all occupations. Some do it as a hobby, some try to make a living at it.

If you're curious about how to get started in beekeeping, or if you've already launched an apiary operation but need some help with its management, the beekeeping short course is for you.

Sponsored by the University of Delaware and the Delaware Department of Agriculture, the short course will cover the biology and management necessary to insure healthy, productive honeybee colonies.

The course will run from 9:30 a.m. to 4:00 p.m., Saturday, May 13, in Townsend Hall, located on the University of Delaware's Newark campus.

Dr. Dewey Caron, a professor in the University's Department of Entomology, and Bob Mitchell, state apiarist with the Department of Agriculture, will lead the course. Mitchell, an apiarist with 10 years experience, emphasized that participants will be exposed to practical hands-on experience as well as illustrated lectures, discussions, and handouts.

Beekeeping in Delaware is not a booming business, but Mitchell estimates that there are 3,200 colonies in the state. Most of the state's honeybees are used to pollinate melons, cucumbers, apples, and blueberries, although some are raised to produce honey.

Cost for the short course is \$10 per individual or \$15 per family. The fee includes the cost of materials, a year's membership in the Delaware State Beekeepers Association and a chance to win an active bee colony.

Participants should bring their own beekeeper's veil, but veils

will be provided if necessary. Lunch will be on your own.

Pre-registration is required. For more information, contact Bob Mitchell at 302/736-4811 or 800/282-8685.

Penn State Professor Receives Grant

UNIVERSITY PARK (Centre) — Dr. Jerry Reyburn, Penn State professor of 4-H/Youth development and agricultural and extension education, has received a national \$1,000 incentive grant to conduct regional volunteer training workshops. The grant money was divided among a team of four 4-H extension agents: Jim Grippio, Clearfield County; Sandy Smith, Warren County; Earle Robbins, Tioga County; and Rudy Rudowski, Philadelphia County.

Reyburn says that the grant is being used to hold four regional volunteer training workshops involving 40 leaders. "We're trying to increase the number of volunteer leaders in natural resources, which increases the number of young people enrolled in 4-H in natural resources." The national

forum and state training programs are part of a five-year series of forums that will prepare adult volunteers to help 4-H youth develop a commitment to environmental quality.

Dr. Margaret Brittingham, assistant professor of wildlife resources, is also an integral part of the team. She is a passerine, or songbird, specialist and she is writ-

Livestock Cooperative Holds Meeting

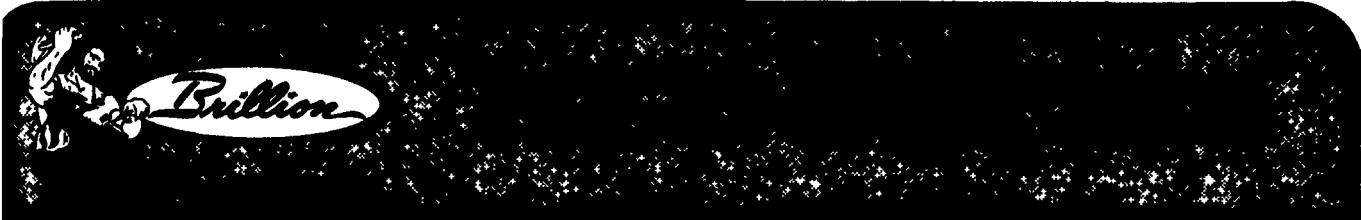
HACKETTSTOWN, NJ — The 48th annual meeting of the Livestock Cooperative Auction Market Association of North Jersey Inc. was held last week. President Jacob Tanis Jr. led the meeting, which was attended by directors Carl Sigler, Broadway; Stuart Hartung, Belvidere; Harold Pittenger,

ing materials for the workshops.

The grant was awarded based on a proposal the team submitted during a National 4-H Natural Resources Volunteer Leader Forum in Estes Park, Colo. Sponsors were Amoco Foundation Inc., and Waste Management Inc. Forty teams from other states attending the forum also received grants to conduct similar programs in their states.

Andover, Orrie Terpstra, Columbia; Harold Ervey, Andover; and James Watters, Port Murray.

Harold Ervey and Harold Pittenger were re-elected to serve three-year terms. The Auction Master reported the highest dollar volume and number of head sold in the market's history.



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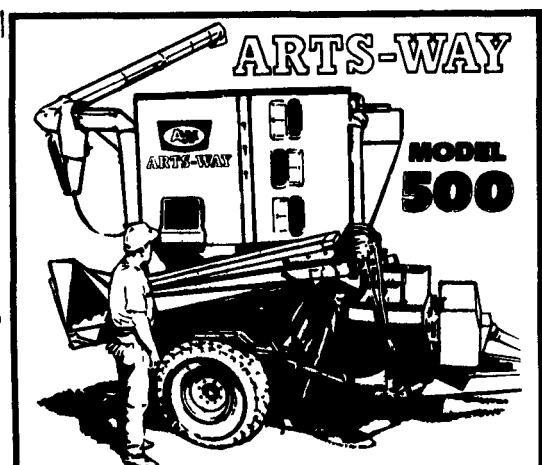
With some types of tillage the soil is loosely packed with many lumps that allow moisture to evaporate quickly through air pockets. Lost moisture reduces speed of germination and impedes the spread of small feeder roots in their search for nourishment. The Brillion Pulvi-Mulcher crushes both surface and buried lumps and converts fall and spring plowing into a clod-free seedbed. The firmed, mulched soil locks in moisture, especially at the root level. Soil nutrients become readily available to the young feeder roots, since they can reach out in all directions without struggling against clods. Nutrients then travel through the root system, developing stronger plants, which in turn result in bigger yields.

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