



The recent Exotic Weekend III held at Calgary, Alberta, Canada, sponsored by American Breeders Service, featured an Exhibition Hall of 16 Canadian Breed Associations and 71 pens of progeny representing 17 Exotic and domestic breeds. In addition, ABS had 14 exhibits featuring their programs and services, and Polar Publications completed the

exhibitors. This added attraction of exhibits proved to be very popular with the more than 2,500 cattlemen that attended the two-day event. As one breed exhibitor stated at the event's conclusion, "When we accepted the invitation to exhibit, we were expecting little, but this was, by far, one of the most successful shows we have been at."

## Speaking of Insects Open House

by Dale Bray  
Entomologist

University of Delaware

Back with the first cool days of early autumn, many insects started to settle down for a long winter sleep. Sometimes this sleep is passed in the egg stage. Other change to pupae, while a few, such as the monarch butterfly, migrate to warmer climates.

There are records of the monarch butterfly traveling all the way from the Hudson Bay area of Canada to Mexico. The Toronto museum of Canada has banded thousands of them and over the years has accumulated a most interesting story of butterfly migration. I was once lucky enough to collect one of these banded monarchs in Newark which had been released on the northern shores of Lake Ontario. In the spring these migrants work their way north to lay eggs on milkweeds and start a new generation.

There is another way for insects to pass the winter that proves annoying to housewives - hibernation of the adult insect. And where is a better place for an insect to go to spend the winter than in our homes?

One of the most annoying household hibernators is the boxelder bug. This is a red and black bug that can accumulate by dozens or even hundreds on the sides of homes where box elder trees

grow. Eventually they crawl through small cracks in the walls - yes, all houses have such cracks. Once inside, they settle down for the winter. But they don't count on the tropical effect of a modern heated house, and sometimes their winter sleep is broken early by this heat. Then they wander around seeking a way out, only to end up inside the house. Fortunately they almost never cause any damage or do any biting, but the average housewife is not receptive to bugs crawling around the place or climbing up lace curtains.

To control this pest, spray them with malathion to which some liquid detergent is added. The insecticide alone won't kill them, so be sure to use the detergent. It is best to apply this spray outside the house as the bugs congregate on the tree or foundation of the house.

Inside use a pyrethrum (pyrethrins) aerosol spray. This only knocks the bugs down, so you will need to sweep them up and burn them or dispose of them some other way so that they don't get back on their feet to re-invade your rooms. If you have a box elder tree that bears seeds, get an axe and prune the tree - at ground level. The bugs don't seem to survive on the male trees - those without seed.

Many other insects hibernate in houses during the fall and winter. They include flies and hornets of many kinds, elm leaf beetles, weevils and lady bugs. None of these will likely cause any trouble - except to annoy the homeowners.

Note: Dr. Dale F. Bray is chairman of the department of entomology and applied ecology at the University of Delaware.

## Open House

### Set - Dec. 18

Dr. Samuel Guss, extension veterinarian from Penn State, will be the featured speaker at the Sol-Air Feedlot Open House and Conference to be held on Wednesday, December 18th. The meeting is being sponsored by Caleb M. Wenger and will be held at his shop, two miles south of the Buck on Route 272.

Other speakers for the conference will include Max M. Smith, extension agent and Ken Peterson, vice-president of Vandale, Inc. along with a talk on forage to be given by John Martin, a Madison Silo representative.

The economics of expansion planning and farming will be discussed during a panel discussion that will include Richard Bowman, Robert Bucher, and Lester Groff.

The event will be moderated by Everett Newswanger, advertising agent for the firm. The program begins at 9:30 a.m. with coffee and doughnuts and will end at 3:00 p.m. with the awarding of door prizes. Lunch will be free by reservation.

### Prevent Clothing Fires

Clothing fires cause thousands of deaths and injuries each year. And the most frequent victims are children and the elderly. According to Extension safety specialists at The Pennsylvania State University, trouble starts when people fail to keep a respectful distance from stoves, heaters, fireplaces and outdoor fires. If clothing does catch on fire, remember this life-saving rule: Do not run. Instead, roll on the ground or floor and smother the fire with coat or blanket.

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