

Dimilin saves soybean growers money

WASHINGTON, D.C. — An economic impact assessment by two government agencies indicates Dimilin could save soybean growers \$7.6 million annually, particularly in areas heavily infested with the velvetbean caterpillar.

According to the report, prepared jointly by a United

States Department of Agriculture, State, and Environmental Protection Agency assessment team, Dimilin can control velvetbean caterpillar, green cloverworm and Mexican bean beetle on soybeans at a rate of ½-ounce active ingredient per acre. The projected \$7.6

million savings is based on Dimilin's potential to control the soybean pests on 3.1 million acres in Alabama, Florida, Georgia, Louisiana, Mississippi and South Carolina.

In addition, the study points out Dimilin ultimately could increase soybean yields an estimated \$5.8 million annually by preventing severe plant

defoliation. Soybean yields usually fall sharply if insects damage more than 30-35 per cent of plant foliage.

Thompson-Hayward Chemical Company, which markets Dimilin in the United States and Canada, has filed petitions with the Environmental Protection Agency to use Dimilin against velvetbean caterpillar, green cloverworm

and Mexican bean beetle on soybeans. Company officials do not expect any federal soybean registrations this year.

Nevertheless, the insect growth regulator already has received federal registrations to control boll weevil on cotton and the ravenous gypsy moth, which has chomped its way through 15 million acres of timberland since 1920. Dimilin was discovered nine years ago in the laboratories of Philips-Duphar, B.V., Amsterdam, Holland.

The insecticide acts on the

larva stage by inhibiting the young insect's development of chitin. Velvetbean caterpillars need chitin to develop their tough exoskeletons much as humans need calcium to form bones. Without chitin, the larva's skin ruptures and it dies before reaching reproductive maturity.

Dimilin's proposed label against velvetbean caterpillar will permit two applications at least 20 days apart. Dimilin applications reportedly will cost about \$3.50 an acre.

AUCTION

38TH NEW YORK PRODUCTION SALE of 70 REG. AYRSHIRES SAT., OCT. 6th

Fair Grounds, COBLESKILL, N.Y.
At 12 Noon Sharp
20 COWS and 1ST-CALF HEIFERS
40 BRED HEIFERS
10 HEIFER CALVES

Selected for type and production from 29 profitable farmer-breeder herds. Nearly all Cows and Bred Heifers will be fresh or due soon. The cows are young.

Cows have 305 day records to -
14,394 M 4.5% 648 F @ 2 yrs.

Dams of Bred Heifers have records to -
14,859 M 4.6% 688 F @ 7 yrs.

Dams of Heifer Calves have records to -
18,796 M 3.7% 698 F @ 6 yrs.

Many are by Popular Plus Prove Sires! There have been a lot of NEW BUYERS in '79. Come and see how really good these cattle are. **STALL-FOR-STALL NO CATTLE ARE MORE PROFITABLE!** T.B. and Blood Tested within 30 days. Many calf. vacc.

Catalogs and Lunch at the Sale.

TOM WHITTAKER,
Sale Mgr. BRANDON, VT. 05733

JUNIATA CO. WEEKEND RETREAT AT PUBLIC SALE

SATURDAY, OCTOBER 27

5 room dwelling, 4½ acres, stream, road frontage.

For Info. contact:
LONG BROS., AUCTS.
R.D. #2
Port Royal, PA. 17082
Ph. 717-527-4784

COMPLETE HOLSTEIN HERD DISPERSAL SALE

PUBLIC AUCTION

On the farm located on Route 298, just 2 miles west of Kennedyville, Md. (Route 213).

FRIDAY, SEPTEMBER 28

At 11:00 A.M.

130 GRADE HOLSTEIN COWS & BRED HEIFERS

This herd consists of 110 Milk cows in various stages of lactation....Many fresh and close springers...Many are first and second calf heifers....All are home raised....This herd originated 29 years ago with all registered, papers were not kept up to date....However, most of them will sell as identified grades....Most of the herd are sired by SIRE POWER. .25 are First calf heifers bred and springing with some fresh day of sale....Pregnancy examined periodically and re-examined for this sale....T.B. and Bangs accredited and retested for sale.

"HIGHEST Butterfat HERD in KENT COUNTY for 1978-130.7 Cows, 17,328 milk, 3.97%, 688 fat."

Catalogs, Lunch, Loading and Trucking available...

JOHN CARVEL SUTTON, JR.

Kennedyville, Md.
HARRY RUDNICK & SONS, INC.
Sales Managers & Auctioneers.

Pig survival

(Continued from Page 144)

weaning. Since extra labor is not always available or feasible at farrowing time, especially in larger operations, woven wire flooring may be one way to reduce death losses without increasing the work load," Faber says.

The researcher suggests that hog producers may want to install wire flooring in a few crates to see what affect a flooring change will have in their own operations.

Unlike many conventional neurotoxin insecticides which usually kill target and on-target insects upon contact, Dimilin does not harm big-eyed bugs or other natural enemies of the velvetbean caterpillar. Numerous studies by university toxicologists and Huntingdon Research Center of England show Dimilin has a very low acute mammalian toxicity, does not produce mutations in organisms or offspring and does not accumulate in the food chain.

FALL 1979 NARROWS FEEDER CATTLE ASSOCIATION

Sales to be held at
Narrows Livestock
Auction Market, Inc.

Narrows, Virginia
703-726-2152 or 726-7230
Phillip L. Morris, Mgr. 703-921-3586

1979 FALL SALES SCHEDULE

TUESDAY, SEPTEMBER 18	- Yearling Heifer & Steer Sale 1200 head
TUESDAY, OCTOBER 2	- Yearling Steer Sale 1200 head
TUESDAY, OCTOBER 9	- Angus & B/W Face calves 1500 head
TUESDAY, OCTOBER 16	- Hereford & Char. & Sim-X 800 head
TUESDAY, OCTOBER 23	- Yearling Steer Sale 1200 head
TUESDAY, OCTOBER 30	- Yearling Steer Sale 1200 head

Tel-Auction Available
All Sales Start at 7:30 P.M.
All Cattle Weighed in and sold same day
Weekly Sale every Saturday 2:00 P.M.

PUBLIC SALE

45-ACRE FARM (Approx.)
SATURDAY, OCTOBER 6
AT 2:00 P.M.



Location: R D #3, Elizabethtown, in Mt Joy Twp, Lancaster Co. Pa 4 miles East of Elizabethtown, 1 mile North of Elizabethtown Road on Milton Grove Road

Colonial 7-Room Log House with Weather-board Siding. Set Back 180' from Milton Grove Road, Spring in Basement. First Floor: Kitchen, Living Room, Family Room, Bedroom, Full Bath, Second Floor: Three Bedrooms, Full Bath, Third Floor: Full Attic. Porch on Two Sides.

1½-Story Stone House: First Floor: 2 Rooms, Full Attic, Porch on Front, Stone Arch Cellar.

Frame Bank Barn, Constant-flowing Spring Water to the Barn
Implement Shed, Hog Sty & Corn Crib, Two-car Garage.

Inspection may be made on Sat., Sept. 22 and Sat., Sept. 29 from 11 a.m. to 2 p.m. or by appointment call 393-6042.

Terms by
MRS. DAVID S. (KATIE) HOLLINGER

Auctioneers:
George E. Stone, Jr., R. 1, Bainbridge, Pa.
John D. Kilmer, R. 6, Manheim, Pa.

Attorneys:
Alspach & Ryder, 232 N. Duke St., Lancaster

EASTERN NATIONAL LIVESTOCK SHOW

STATE FAIRGROUNDS, TIMONIUM, MD

****FEEDER CALF SHOW****

Saturday, October 6
3:00 P.M.

****FEEDER CALF SALE****

Saturday, October 6
7:00 P.M.

50-60 Outstanding club calf projects (Most are Chiaina, Limousin & Simmental crosses) Several Western calves are coming to the show & Sale

Registered Polled Herford Heifer will sell

All proceeds will go to the 4-H & FFA Scholarship program of the Eastern National.

Heifers sired by Graystone Trustee & Donated by: Whip-o-will Farms, Mocksville, NC

For More Information Contact:

John Wildesen Mrs. William Ferrell
State Fair Grounds 301-829-0620
Timonium, MD 21093

PUBLIC SALE

OF VALUABLE REAL ESTATE
SATURDAY, OCTOBER 6, 1979

Located six miles east of Hahns town, four miles northeast of Route 322, two miles northeast of Hahns town. East Cocalico Twp. Lancaster Co. Penna.

Eight ACRE FARM

8.35 acres 338' road frontage. BRICK HOUSE, like new, built nine years ago; 30' x 48' with 12' x 22' extension. 8' x 26' porch.

Seven rooms and bath; laundry room and enclosed porch; Large 15' x 28' kitchen; living room; Five bedrooms each with closet; basement with concrete floor, separate cold cellar; outside entrance.

Well with pressure system; Permethield thermal pane windows.

Take time to inspect this well-built house.

Frame 32' x 40' hip-roof barn; attached 18' x 28' work shop and garage with 12' x 28' lean-to roof; Farrowing house 18' x 30' with six farrowing stalls; 12' x 36' chicken house; 12' x 14' brooder house.

Inspection of property Sept. 8, 15, 22, from 1:00 pm to 5:00 pm

JOSEPH M. BRUBAKER

Sale at 2:00 P.M.

Abe Diefenbach, Auct.