

USDA insect researcher named scientist of year



H. Carlyle Russell

Norman W. Sollenberger

Sollenberger and Russell re-elected at Lehigh Valley

LANSDALE — Norman W. Sollenberger, of Fayetteville, and H. Carlyle Russell, of Rome, have been re-elected to the board of directors of Lehigh Valley Farmers.

Lehigh, headquartered in Lansdale, is one of the leading dairy cooperatives in the state, with over 1320 milk producers. The

cooperative collects nearly 900 million pounds of milk a year in Pennsylvania.

Mr. Sollenberger, secretary of Lehigh Valley Farmers, has been on the board of Lehigh and predecessor organizations for 11 years. Mr. Russell is entering a second three-year term.

Look for signs of cattle scabies

WASHINGTON — The return of cold weather means it's prime time for cattle producers to look for signs of cattle scabies, said Bert W. Hawkins, administrator of the U.S. Department of Agriculture's Animal and Plant Health Inspection Service.

Hawkins said fewer scabies cases are found during the spring

and summer months because mites usually are less active during warmer weather.

However, he cautions this decline is only temporary. "If ranchers fail to look for and treat scabies, the mites will become active and spread due to cooler, damper fall and winter temperatures that provide a more

hospitable environment," he said.

So far this fiscal year, three cases of scabies have been reported in two states, said Hawkins—one each in Armstrong and Potter counties in Texas and a single case in Cassia county, Idaho.

research has provided scientists a basis for further studies aimed at developing a better understanding of how insects perceive odors and respond to them."

It has also been a major force in the development of alternatives to "all-purpose" insecticides, he said.

Last year, Tumlinson's research team identified and synthesized the queen-recognition pheromone of the imported red fire ant—the first pheromone of its kind to be chemically identified.

"His research also helped several industries develop pheromones for use in agriculture and home gardens," said Kinney. "And, under his leadership, USDA developed new analytical methods that purify and identify minute amounts of these chemicals."

A supervisory research chemist at the agency's Insect Attractants, Behavior and Basic Biology Research Laboratory in Gainesville, Fla., Tumlinson is the third winner of this annual award. "The agency established the award in 1982 to encourage superior basic research on critical issues in food and agricultural sciences," Kinney said.

The regional award winners are: — S.M. (John) Mircetich, plant pathologist, Crops Pathology and

Genetics Research Unit, Davis, Calif., for innovative research in understanding the cause of and controlling several fruit and nut crop diseases;

— K. Darwin Murrell, zoologist, Animal Parasitology Institute, Beltsville, Md., for national and international leadership and individual research on parasitic diseases of swine; and

— William L. Ogren, plant physiologist, Photosynthesis Research Unit, Urbana, Ill., for new findings on the role of carbon in photosynthesis and for leadership of coordinated research on photosynthesis.

Tumlinson will receive \$5,000, a plaque and up to \$40,000 in equipment or other support for his research. Each regional winner will receive \$2,500 plus \$25,000 in equipment or other support.

Tumlinson, who joined the agency in 1964, has twice received USDA's Superior Service Award—in May 1975 as a member of the team that developed the boll weevil pheromone and again last year as research leader of the insect chemistry research group.

A native of Westport, Miss., Tumlinson did his graduate work at Mississippi State University and his undergraduate work at Virginia Military Institute, Lexington, Va.

At the close of fiscal 1984, there were 75 cases of scabies nationwide, compared with 107 at the same time last year.

Scabies is a contagious skin disease caused by tiny mites that

pierce the skin of cattle and feed on body fluids released from the wounds. The mites are spread by physical contact between animals. With proper treatment, however, cattle producers can eradicate the disease.

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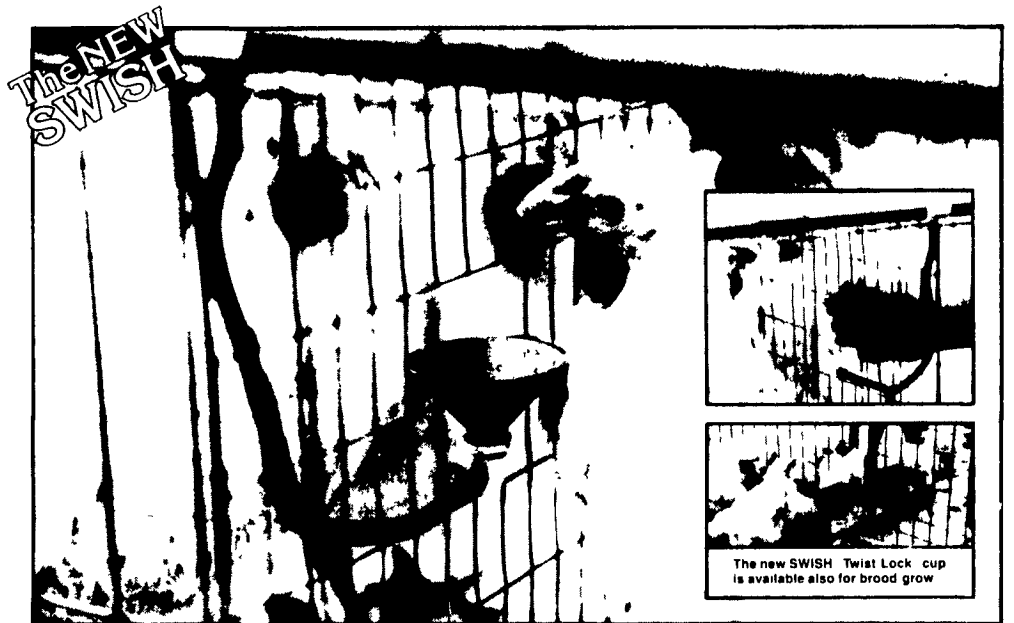


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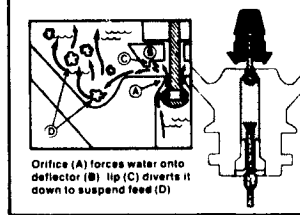
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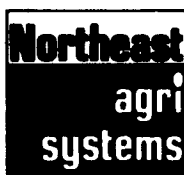
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