

# Dairy Association

(Continued from Page B2)

vantages, and how to best use the herringbone and carousel systems.

The television camera follows the milkers as they perform the milking routine and, with instant playback, shows how they can improve their milking technique, reduce work load and improve herd health.

Spencer also conducted research on efficient cooling of milk both from economic and quality viewpoints. He developed a method for reclaiming and reusing detergent solutions used in cleaning milk pipelines that offers a major cost reduction. It also offers environmental protection by reducing the discharge of wastes.

He serves on many committees related to work on mastitis, housing, milk

flavor, cooling, and sampling and testing devices for DHIA records. He designed, set up, manages milking facilities that serve the Farm Show and All-American Dairy Show.

Spencer is active in the American Dairy Science Association, International Association of Milk, and Food and Environmental Sanitarians.

A native of Bradford County, he has been a member of the Penn State Extension staff since 1957. He received his bachelor of science and master of science degrees from Penn State.

James Benfield, of RD2, Schwenksville, Montgomery County, received the 1979 Superior Supervisor Award from the Pennsylvania

Dairy Herd Improvement Association.

The award, "for outstanding service as a DHIA supervisor in the Commonwealth," was presented along with \$100 and a plaque.

Benfield, a supervisor for 23 years, currently supervises record programs for 30 herds: 22 regular DHIA, six alternate AM-PM, and two owner sampler. In addition to his regular work, he assists in training new supervisors in Montgomery County.

Benfield was cited for the neatness of his barn sheets and other dairy records.

He received the Award of Merit from DHIA 21 times, every year that was possible since he started this work. He assists his members in taking forage samples, identification of animals,



Sam Williams, right, a well known Jersey breeder from Middletown was awarded the Charles Cowan award for outstanding service to the state's dairy industry. Making the presentation is Dairyman's Association President Dave Roth.

and interpreting reports for dairymen.

The award winner attends all district and state supervisor conferences and has served as chairman of

the district and secretary of the state association. He also is an active member of his church where he served on numerous committees. The Superior Supervisor

Award each year recognizes the accomplishments of DHIA personnel who supervise the 275,000 dairy animals enrolled in the program.



State Dairy Princess Eileen Shull, Bucks County, was presented a gift of appreciation by Dave Roth and the members of the State Dairy Association.

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