



Alan Bair (left) Associate county agent in Lancaster and Dr. Earl Kessler, Penn State, demonstrate the workings of the California Mastitis test during a session of the milking school at the Elam Bollinger farm.

Milking school

[Continued from Page 22]

As some dips can cause irritation, Eberhart told the farmers to watch for signs of problems and to be attentive to the reactions they may cause.

There is still controversy over the treatment of dry cows in the herd and the subject provided much discussion during the mastitis talk.

"I've heard that dry cow treatments and teat dipping can cause other forms of mastitis to enter the herd," one producer quipped, "is that true?"

Eberhart explained that the controversy had not yet subsided on that particular subject since research had not proven that repeated treatments caused resistance in the cow.

The dry cow treatment had been recommended by Cornell University since more control is obtained during the cow's dry periods. It is thought that the treatment helps control mastitis to a good degree.

"People can be quoted either way," Eberhart added, "but there seems to be no clear cut answers for or against."

The dairy specialist explained that the dry cow treatment may be good in some herds where mastitis is present in high degrees. "In some herds cows should be treated for one year and then you should take stock and see what progress was made."

In herds where there is not a high incidence of mastitis, Eberhart recommended treating cows "selectively in quarters that are infected."

"There are still questions on this technique," he noted, "the high antibiotic use may leave residue or even effect unborn calves, but the answers are still under consideration."

The controls for environmental mastitis are not as clear cut according to the specialist, "we really have little data on any good preventive measures."

"The best we can suggest is to keep cows clean and away from dirty areas where pathogens may gather."

"The type of bedding is important as it is suspected that sawdust may support E-coli pathogens. Woodshavings and straw are better alternatives."

Eberhart added that cows should be thoroughly washed and dried before milking. "Many infections are forced in before or during milking," he noted. "Water can be loaded with pathogens and it is extremely important to keep them from entering the udder."

Expressing concern over milking procedures, Eberhart stated, "care must be taken during milking to prevent damage to the teats."

"The producer has a responsibility in this area."

Closing his remarks, Eberhart stated, "there is only one 'problem' in curbing mastitis, if a producer does too good of a job, he'll have to buy a larger bulk tank to hold all his milk!"

Along with the featured speakers, the two day milking school included classroom work on anatomy and physiology and current topics of concern in the dairy industry. Dr. Earl Kessler and Steve Spencer were also present from Penn State for the course.

AFBF officers chosen

ST. LOUIS, Mo. - Allan Grant, Visalia, California, vice-president of the American Farm Bureau Federation since December, 1971, and president of the California Farm Bureau Federation, from November, 1963, to December, 1975, last week was elected president of the Federation to succeed William J. Kuhfuss, by the voting delegates of the member State Farm Bureaus to the Federation's 57th annual meeting.

Kuhfuss, from Mackinaw, Illinois, had been president of the American Farm Bureau Federation since December 10, 1970, when he was elected to serve one year of the unexpired two-year term of Charles B. Shuman, Sullivan, Illinois.

The voting delegates elected Robert Delano, Route 3, Warsaw, Virginia, as vice-president to succeed Grant.

Delano is president of the Virginia Farm Bureau Federation, and was elected to that position in November, 1962. He was elected to the board of directors of the AFBF in December, 1967. He is a member of the AFBF Executive Committee.

In 1973, Grant was reappointed by then Governor Reagan to a second six-year term as president of the California State Board of Agriculture and served until January, 1975. As president of that body, Grant was a voting ex-officio member of the Board of Regents of the University of California.

Grant is a member of the board of directors of the Independent Colleges of North California, Inc.

Grant has travelled widely to Japan and other parts of the Orient, to India, Mexico, South America and the Caribbean. He conducted a trade mission to the Orient in 1966.

He has been widely active in local and state educational activities serving as a delegate to the Governor's Conference on Education. He was appointed by President Eisenhower as a delegate to the White House Conference on Education.

Grant was born in Los Angeles county in 1906, and received his education in agricultural economics at Montana State and the University of California at Los Angeles. He and his wife, Irene, have five children.

The Grants farm 640 acres in the Visalia area. They formerly operated a 600-cow dairy and now produce beef cattle, field crops, and permanent pasture. As a hobby, Grant raises Belgian draft horses.

XXX
One trouble with the world is that so many people who stand up vigorously for their rights fall down miserably on their duties.

XXX
Never give up on a man until he has failed at something he likes.
Lewis Lawes



VITREOUS ENAMEL STEEL SILOS

**STEEL SILOS
BOTTOM UNLOADING
SEALED STRUCTURE**

GLASS FUSED ON STEEL

Steel plate with a vitreous enamel finish externally and internally is the main characteristic of the construction of the Colman sealed silo for forage crops. This gives toughness, corrosion resistance and the elimination of maintenance with especially reinforced bottom panels for bottom unloading.

**FANTASTIC SAVINGS
ON A NEW COLMAN SILO**

Ex 20 x 60 Silo **\$21,000**

**ARE YOU INTERESTED IN A SILO?
BEFORE YOU BUY CONTACT:**



STOLTZFUS SILO EQUIPMENT

RD1, BOX 77, KINZER, PA 17535 PHONE 717-768-3873

NORTHCO BROOD-GROW SYSTEM

**EFFICIENCY . . .
FROM 1 DAY TO LAY**

The Northco Brood - Grow Cage System is designed to increase efficiency in these three big areas:

CAPITAL — Northco's Brood-Grow System requires a lower total cost per bird than other comparable systems.

LABOR — Growers report spending less than 1 hour a day per 35,000 birds. That's because there are no floors to move, no troughs to adjust, or no birds to move. Plus, the Northco Brood-Grow System is designed to keep birds from escaping.

FEED — Features . . . like the Master Pan Feed Saver Ring that helps prevent feed waste . . . and the core-type auger that helps prevent feed separation . . . mean Northco's Brood-Grow System will help stretch your feed dollar.

And, not only is Northco's Brood-Grow System efficient . . . it's reliable. Growers have successfully used this system since 1971.

PROVEN SINCE 1971



Combine Northco ventilation, watering, manure removal and feed handling systems with Northco's Brood-Grow Cage to get the most out of your operation. All Northco equipment components are designed, engineered, and manufactured to work together and give you a complete, dependable system.



Farm Systems Company

Jim Thomas
Phone (215) 445-4725
AFTER 3 P.M.

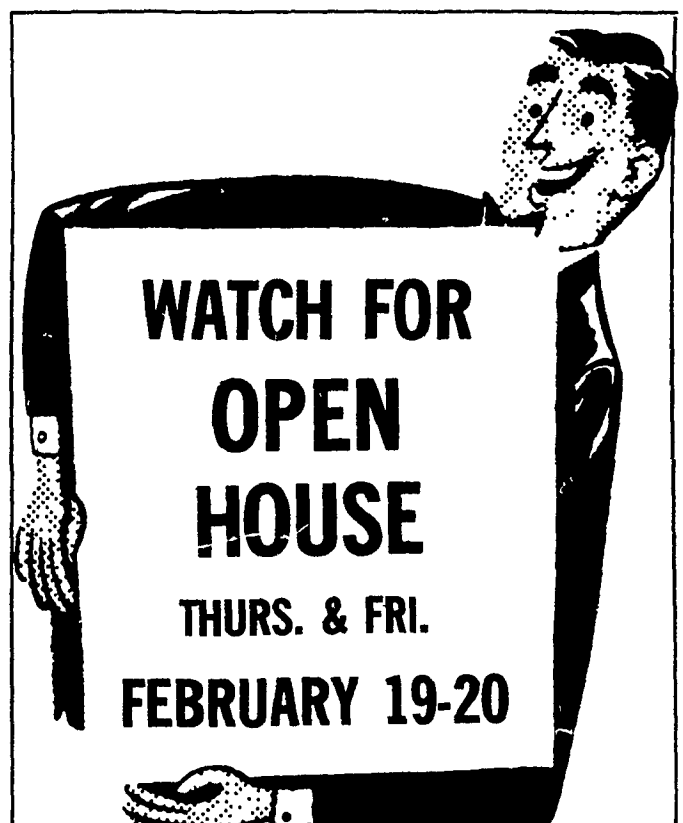


NORTHCO

FARM AUTOMATION SYSTEMS


A. R. WOOD MANUFACTURING COMPANY

BOX 218, LUVERNE, MINNESOTA 56156



WATCH FOR
OPEN
HOUSE

THURS. & FRI.
FEBRUARY 19-20



LANCASTER FORD TRACTOR, INC.

Take Flory Mill Exit off 283 and go
1/4 mile toward East Petersburg

The New Home of
the Friendly People
1655 Rohrerstown Road
Lancaster, Pa. Phone (717) 569-7063