

Dairy Day

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cow is very excited, no prediction of the reaction can be made.

Butterfat Variations

A two per cent variation between the Dairy Herd Improvement tester and the dairy plant tester is common and variations may be caused by the physical condition of the cow, stage of lactation pregnancy, age of the cow, season of the year, temper-

ature, periods between milking, and drugs administered to the cow, Taylor said.

Henry Menusan, insecticide specialist, pointed out that dairymen will have a choice of only two or three spray materials for forage insect control this year. Methoxychlor is the standard for the alfalfa weevil, but it will not kill the larvae. The spray should be timed to hit the adult weevil in the growing tip. On clover the application should be held off until the spittle bugs can be seen on the plants

Menusan also suggested using as much water as feasible in the spray material. "Up to 30 gallon or more to the acre with the same quantity of spray material will give better results than less water," he said.

After spraying clover or alfalfa with parathion, the crop should not be harvested for a period of 14 days with Methoxychlor & malathion the waiting time is 7 days. "To get the full benefit of the spray, you should wait that long anyway," Menusan explained.

Use of Heptachlor

The entomologist suggested that any heptachlor left over from last year should be used to treat soil for root insect control on corn, tobacco, tomatoes or peppers. It can also be used to control lawn insects as well as moles in the lawn

Menusan cautioned dairy men to be very careful in following instructions of the manufacturer in using insecticide.

Thomas Kinsley, inspector for the Food and Drug Administration, reiterated this warning in his talk, Toxic Substances in Milk."

Kinsley stated that Food and Drug regulations allow no tolerance for insecticide or antibiotics in milk. "If research shows that tolerances can safely be set, the FDA would probably set those tolerances, but until that time, we have no recourse but to insist upon a zero tolerance" Kinsley said

Self Policing Asked

Kinsley called on the dairy men to police their own production to prevent any unfavorable publicity and the possibility of undermining confidence of the wholesomeness of milk as a food for infants, elderly persons and persons recuperating from an illness

A panel composed of five county dairymen and moderated by Taylor discussed problems of herd management. One of the significant points of agreement among the group was that most of the udder flareups in their herds could be traced to an udder injury of some kind. Taylor pointed out that farmers have blamed many things, such as high protein rations, too much grain, too much corn, too much barley, too much wheat, and too

much silage for the udder troubles in their herds, but research at Penn State University shows that up to 80 per cent of the mastitis cases are caused by improper use of the milking machine.

Members of the panel were Parke Ranck, Ronks R1; David H. Breckbill, Lancaster R7; J. Mowery Frey, Lancaster R7; and Titus M. Hurst, Lititz, R2.

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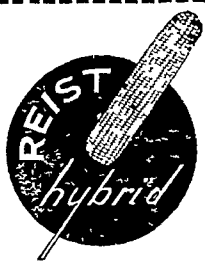
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Mast proudly checks the solid shoulder of one of his prize Herefords which, along with Angus sires, he exhibits in local, state and Eastern competition.



Emma May Mast, 18, front, and her classmates enjoy a reading session with teacher Harry Hertzler in the Mennonite school of which Mast serves as board vice president.



Well-laden table awaits the Mast family as they pause to give thanks for their plentiful food and good life.