

# Lancaster Farming

## SECOND SECTION

### Scientists Find Corn Helpful In Preventing Parasites In Calves

When calves are fed a ration that includes as little as 30 percent corn by weight, few larvae of worm parasites develop on pastures to reinfest the calves. This condition apparently results from an increase in carbon dioxide caused by fermentation of corn meal in calf droppings. These conclusions are based on a long series of experiments conducted by ARS parasitologists in cooperation with the Georgia Agricultural Experiment Station, and the ARS Regional Laboratory, Auburn, Ala.

About 10 years ago, these scientists conducted experiments on how different pasture crops affect internal parasites

of cattle. In one test, when calves were given a little corn along with the pasture, they had about half as many worms as the calves that got no grain.

The conclusion drawn from this experiment was that the grain-fed calves did less grazing and, therefore, picked up far fewer worm larvae from the pasture.

To check this theory, calves were artificially infested with any one of six common worm parasites and fed an all-grain or all-hay ration.

When these calves were fed the all grain ration (shelled corn 90%, soybean meal 8%, trace mineralized salt 2%) the average number of larvae that hatched from worm eggs recovered from their feces ranged from 0 to 76 percent. When the same calves were fed an all hay ration, the range was 21 to 55.5 percent.

These results indicate that the corn somehow prevented the parasites from developing.

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### FARM WOMEN GROUP NO. 14 MEETS

Farm Women's Society No. 14 met April 13 at the home of Mrs. Muri Clark Strasburg. The 39 members present responded to roll call by naming a spring tonic. These included sassafras tea, dandelion water, cress being outdoors in the warm weather, house cleaning and gardening.

The president reported on the county executive board meeting. The county project for 1966 will be the Farm and Home Foundation. A final reminder was given of the Spring Rally of the State Farm Women to be held April 21 at Dillsburg. Members will serve as waitresses

at the Heart Haven Bazaar, April 26. Society No. 13 will serve as hostesses for the County Home visitation on May 19.

Devotions were in charge of Mrs. John Heishey. The speaker, Mrs. J. N. Byler of the Mennonite Central Committee, displayed articles made by natives of foreign countries.

Hostesses were Mrs. Clark, Mrs. Amos Ranck, Mrs. Jason Mellinger and Mrs. John Heishey.

The next meeting will be held May 11 and the society will entertain Society 24. The program will consist of a tour of WGAL-TV and be followed by picnic refreshment at Long Park.

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