



MOTHER AND SON GO OVER RECORDS of Carl Ginder's FFA farming program at the Kitchen table Carl keeps complete records on his farming program, but "I try to help and encourage him," Mrs. Ralph Ginder says. Carl, the newly elected state FFA president, gives much of the credit for his success to his parents
L. F. Photo.

Unlimited Feeding Of Dairy Cows May Not Be Most Economical Plan

Unlimited feeding of all dairy cows in a herd is generally not profitable, a U.S. Department of Agriculture scientist said today.

It cows are fed individually according to their production, a few might justify extra rations. Norman W. Hooven, Jr., of USDA's Agricultural Research Service told the American Dairy Science Association which is meeting at Purdue University.

In studies at Beltsville, Md. Mr. Hooven and Dr. Ronald D. Plowman found that a group of cows unlimited feed produced about the same amount of milk as a group fed a controlled amount. But they ate more feed, gained more weight, and converted feed to milk less efficiently.

The ARS dairy husbandmen studied two groups of cows during their second lactations. The cows selected for this test had produced nearly the same amount of milk during their first lactation when fed rations that met their requirements for maintenance and production.

During this test one group was fed an unlimited ration of grain, hay and silage. The other group was fed similarly at a rate 10 percent higher than a standard ration—Morrison's—that is recommended to meet the maximum requirements for lactating cows. The big eaters produced an average of 13,234 pounds of 4 per-

Vocational Agriculture students receive training in such areas as landscaping, fruit production, turf management, vegetable production, as well as, general farming.

FFA President

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state's highest FFA office last week.

Miller said when Carl was elected president of the Witness Oak chapter at Donegal High School last year the boys "really respected his outstanding leadership. He put a lot of vertebra in the backbone of the agriculture department at the school."

Carl, the 17 year old son of Mr. and Mrs. Ralph Ginder, graduated from Donegal High School on June 4 of this year and plans to continue farming at home and on a rented farm nearby.

He will do very little farming this summer, however. Plans right now call for a five or six week trip to the West Coast with six other graduates of the Donegal vocational agriculture department.

The trip, paid for with money earned by the FFA chapter on group farming programs, is scheduled to begin on July 8, but the complete schedule has not been worked out. The boys, along with Mr. Harry Smith, Mount Joy R4, who will act as chaperone, will travel by a southern route stopping at Carlsbad Caverns, New Mexico, The Grand Canyon of the Colorado, California fruit



CORN PLANTS ARE THICK on the farm of Carl Ginder, the newly elected state FFA president shows his teacher of vocational agriculture, Grant Miller, how thick the stand is on his rented farm. I try to get about 20,000 plants per acre, he said.
L. F. Photo.

and dairy farms, Carnation in Detroit, Farms in Washington and Yellowstone Park. On the way home they will stop for a visit at the General Motors plant
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Mr. Hooven reported that production of the cows on unlimited feed varied considerably. Some produced more, some about the same, and some less than cows on controlled feed.

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