May 23, 1912. not paying; or ould have known rise was not pay.

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Outlets . A., Peterboro

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PJAW ife, quick, r. The first al cure that cures est percent-ses, and the e's, is

Cure Chemists,

The Feeders' Corner is for the use of our subscribers. Any interested are invited to ask questions, or end items of interest. All ques-tions will receive prompt attention.

**************** Does Feed Effect Dairy Tendencies?

Will the feeding of the dairy heifer fore her first freshening affect the reagth of her inborn dairy tenden-ies? Mr. Malcolm H. Gardiner, ms. Mr. Malec'm H. Gardiner, spt. of Advanced Registry for the lightein interests of the United Sates, asys it won't. The editor of the Prairie Farmer takes exception to Mr. Gardiner's published statement of its belief as follows: "I judge you are of the opinion

list it is impossible to change the patural tendencies of an animal. In other words, if an animal inherits the ary habit that habit will develop reairy habit that habit will develop re-gudless of any effort on the part of the dairyman to develop it. Do I un-dessand that you believe that a heifer that inherited the dairy habit, which we will say might be represented by 10, would still have a dairy habit of 10 at two or three years of age re-gardless of whether she grew up on gadies of whether she grew up on patter or in addition to pasture was led blundantly on skim milk and carse feed that would have a tend-eer to increase her capacity for fold? To what do you think the high rerage production of Holstein-Fries-ian cown is due; an inherent tendency in the breed for milk production or he efforts of men by breeding and leeling to intensify the tendency for silk production?

MR. GARDINER'S REPLY Mr. Gardiner replied to his critic

The natural tendencies of any ani-Valuable Book

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The Feeders' Corner and the undesirable and a feeder to the undesirable and a feeder to the undesirable tendencies. If a man were to take a dairy bred heif-er at first parturition and force her a man were to take a dairy bred heifer at first parturition and force her dry as soon as possible, repeating the practice at each freshening following, while keeping the animal in high flesh when dry and carrying the next ealf, he would be apt in time to seriously impair the dairy capacity of that animal and also of the ealf. If like treatment were given another heifer, and the progeny of the two, born in each case after some years of such treatment, were mated, the resulting females would be apt to show great loss of dairy ability. Nothing in nature can be to med fixed, both the animal and vegetable kingdoms being plastic in the hands of the skilled breeder. In a natural state, environment plays the greater part and changes are but slowly made. So we have a supply the sending Darwin's Origin of Species.

fully reading Darwin's Origin of Species.
"But in the case of the dairy heifer, one could not well repress the dairy habit till that habit has been established through motherhood; so good care and a plentiful supply of nourshing food that will increase the digestive capacity and bring the animal into the highest physical development at her first calving cannot adversely affect the dairy habit. The habit is hereditary; the dairyman does not and can not normally develop it till after freshening.

ARE OF PRESISENTE A PRESISENTE.

AGE OF FRESHENING A FACTOR

"The postponement of motherhood beyond a certain unfixed age is repressive to the best dairy development, because it interferes with that development, and it is to be as much avoided as is the freshening at too early an age, which always results in under nutrition. The heifer raised largety upon pasture and seantily fed would likewise suffer from under nutrition, and while she would have the dairy habit as strongly as if she had been abundantly fed, she would not be in the best condition for the development of that habit. Both the heifer calving too early and the heifer scantily into early and the heifer scantily of that habit. Both the heifer calving too early and the heifer scantily fed would have by heredity such dairy qualities as were possessed by their ancestors, but they would be stunted by the improper treatment to such an extent as to interfere with proper development." development.

development."
What do Farm and Dairy readers
think of this question? Does either
overfeeding or underfeeding have any
great influence in determining the
dairy tendencies of a heifer? Or is
it all a question of heredity? Let us
have an expression of your opinion
through these columns.

The First Entry

The First Entry

Mr. Christopher Howson, of Keene.
Ont., whose farm secured third place
in district No. 3 of the Interprovincial
Prize Farms Competition conducted
by Farm and Dairy last year, is the
first one to enter his farm in the final
Interprovincial Contest of this year.

Mr. Howson is making improveman his farm that will make
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he was in the competition of last
year. Two points in which Mr. Howsons was severely scored by the judges
in the last competition were the small
reage that he had in hoe crop and
he lack of a silo on his farm. Mr.
Howson has this apring planted five
acres of cor and will erect a silo this
summer. Ho will also plant more
roots. Mr. Howson shows commendable enterprise, and the improvements
that he has made shows that he has
already been benfired by his experience in Farm and Dairy's Prize
Farms Competition.

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