

DAIRY FEEDING.

Feeds for milch cows for late winrecast for milch cows for late win-ter and early spring use has more than usual significance this year, writes George A. Billings. This is East quite largely to the extremely late spring and the general scarcity of those foods, which because of their succulent nature contribute to the maintenance of the flow of milk. The cold, wet season of 1903 brought a poor return to the farmer of that poor return to the farmer of that crop which is his main dependence, namely, corn, and while a representa-tive yield of hay was produced, the quality was more or less impaired by overripeness or poor curing, due the season. With an empty silo most empty corn crib it has become a serious question to some dairymen to produce milk giving a fair return for their labor and investment.

It is indeed fortunate if at this time one has a good mow of second cutting clover or mixed grasses. Corn silage is relatively cheap, greatly relished by cattle, and if the corn is allowed to mature in the field the greater part of the nutritive value of the crop is preserved. If fed in connection with more concentrated protein feeds, such as dried brewers' They always cure and cure permantage was resulted by many years."

Dodd's Kidney Pills suit the case of every man, woman or child who has any form of Kidney Disease. They always cure and cure permantage was resulted by the case of every man, woman or child who has any form of Kidney Disease. grains, gluten, oil and cottonseed meals, so as to be most economically balanced, there will be but little falling off of the milk flow. The cost of production per quart of milk will be comparatively reasonable, and a ration of 40 pounds corn silage, four pounds wheat bran, four pounds brewer's grains and two pounds cotton-seed meal for a cow weighing from 800 to 1,000 pounds in good flow of

a great deal to the feeder. When a ration of 30 pounds corn silage and ration of 30 pounds corn silage and 13 pounds alfalfa hay was compared with 30 pounds silage, five pounds mixed hay, six pounds wheat bran and five pounds brewer's grains, the cost of production per 100 pounds milk was reduced from 83.9 cents to 159.9 cents. With 4 pounds crimson clover hay and 30 pounds silage the cost of production was reduced son clover hay and 30 pounds silage the cost of production was reduced 18.3 cents per 100 when fed in com-parison with the same feed ration. A SPRAYING POTATOES.

SPRAYING POTATOES.

In general, commence spraying when the plants are 6 to 8 inches high, and repeat the treatment at intervals of ten to 14 days in order to keep the plants and two pounds cottonseed meal gave a slight advantage to the cowpea ration. These experiments show the necessity of more intelligent good in order to maintain the flow of milk and more economical selection of food nutrients to cheapen the cost of production. The farmer who is fortunate to have in the latter part of winter a good supply of silage with clover hay will note a decided gain in his returns from the dairy.

What shall we feed in place of corn silage until early soiling crops can be harvested? Wet brewer's grains would furnish a succulent ration to a large degree, yet hardly advisable, as it is almost jurcessible to get the

would furnish a succellent ration to a large degree, yet hardly advisable, as it is almost impossible to get the material in a fresh condition to be derended upon, and which, if sour, would produce an objectionable quality of milk, but the dried grains have been freely used at this station, producing very satisfactory results. In the absence of silage good results have been obtained by wetting a quantity of the dry grains a few first one until there is danger of inof the dry fours before feeding, using just enough water to make them soft without being sloppy.

The brewer's grains will furnish about the same bulk and weight as the silage, but much richer in prothe stage, but much richer in pro-tein, requiring a strongly carbohy-frate feed. Such a ration can be balanced as follows: Twelve pounds hay, six pounds corn and cob meal, five pounds brewer's grains, two pounds bran and one pound cottonmeal. Wet enough brewer's grains for 24 hours mix 600 pounds forn meal, 200 pounds wheat bran bran and 100 pounds cottonseed meal or a smaller amount in the same proportion and feed about nine pounds of the mixture with the wet grains, rarying the amount to the weight of the cow and the flow of milk.

A new carbohydrate feed containing rom 7 to 9 per cent, protein called iried molasses beet pulp, has recently been put upon the market, which, while being expensive for the amount of protein it contains may possibly economical for nust purchase carbohydrates. rriter is conducting experiments with this and the dried, unsweetened proluct to ascertain its feeding value. The material is saturated with water some hours before feeding and the The material is saturated with water some hours before feeding and the incomt fed is equivalent in nutritive value to about 30 pounds silage. The results thus far look encouraging.

There is no doubt Grape-Nuts is

I wish to emphasize again the importance of considering the cost of teeds and the growing of leguminous mops to save the purchase of expensive concentrates. The farmer should fin to produce on the farm all the roughage and carbohydrates and to place extent the protein feeds. For the teeds are the college farm here in 1902 kept a herd of from 30, to 35

JUST SEEMED TO SUIT HIS CASE

WELLAND MERCHANT STORED TO HEALTH BY DODD'S KIDNEY PILLS.

Doctors and Medicine Failed-Dodd's Kidney Pills Succeeded-Other Cases They Just Seem to Suit.

Welland, Ont., May 30.—(Special).

J. J. Yokom, a prominent merchant of this city, is telling his friends of his remarkable cure of a terrible Kidney Disease by Dodd's terrible Kidney Disease by Dodd's Kidney Pills. Mr. Yokom's state-

Kidney Pills. Mr. Yokom's statement is as follows:—

"For more than a year I had been ailing with Kidney Trouble in all its worst symptoms. I had a distressed feeling in my head, little or no appetite and a feeling of languor. I became greatly reduced in weight.
"Doctors and medicines failing to give me any benefit I became despond-

give me any benefit I became despondent when by good luck I chanced to try Dodd-s Kidney Pills and from the first they seemed to suit my case. After taking five boxes the old trouble had gradually disappeared and I was feeling better than I had in

milch cows for the entire year at 12.88 cents per day per head. This was done in the six summer months by a rotation of soiling crops giving each cow 60 pounds per day of a va-riety of green fodders with a small riety of green fodders with a small feed ration and in the winter months 30 to 1,000 pounds in good flow of milk, will bring good returns.

Experiments at the New Jersey experiment station demonstrate the practigability of feeding home grown-protein such as alfalfa or crimson clover hay, with silage, which means a great deal to the feeder. When a great deal to the feeder. When a of milk of almost 50 per cent. By feeding alfalfa hay with corn silage,

SPRAYING POTATOES.

grains a few first one until there is danger of in-

WHAT THE KING EATS.

What's Fit for Him.

A Mass. lady who has been through the mill with the trials of the usual housekeerier and mother relates an interesting incident that occurred

long ago. She says:
"I can with all truthfulness say that Grape-Nuts is the most beneficial of all cereal foods in my family young as well as old. It is food and medicine both to us. A few mornings ago at breakfast my little boy

said:
"Mama, does the King eat Grape-

Nuts every morning?'
"I smiled and told him I did not know but that I thought Grape-Nuts certainly made a delicious dish, fit for guid a King." (It's a fact that the King of England and the German Emperor both eat Grape-Nuts).

"I find that by the constant use of the person who obydrates. The experiments with drag experiments with age it is proving to be a great nerve

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