## The Home

Hydrocyanic Acid Fumigation.

Some months ago, in a notice of the successful treatment of scale and other insects by hydrocyanic acid gas in the United States, it was suggested in this column that a trial of the same fumigation for the destruction of the black currant mite should be made. The idea appears also to have occured to H. H. Cousins, lecturer on chemistry in the South-Eastern Agricultural College, Wye, Kent, who has been experimenting upon the pest, with the assistance of Mr. Theobald, entomologist at the college. Certain washes were found to kill the mites when they emerged from the buds in which they chiefly live, and the vitality of which they ruin; but it was seen that this method of attacking them would not be completely successful.

It was therefore decided to try the effect of cyanide fumes upon young bushes infected with mites before setting them out in their final quarters. After being tied in bundles they were placed under a waterproof sheet supported by hurdles, the four sides being weighted to make them lie close to the ground. The gas was then applied under the covering, which was kept over the bushes for an hour. The result was entirely successful; for, although the mites were all inside the buds, not a single one was found alive when examined under the microscope. The experiment was carried out in the first week of January, when there were no eggs, and that month or December is recommended as the best time for fumigation, because there are not likely to be any eggs in the depth of winter. Large bushes in established plantations were also fumigated, with equally successful results.—(London Daily Standard. \* \* \*

#### A Man With Two Reputations.

One of my neighbors has two reputations. He is a milkman. His cows are the best in many a mile; they are clean and well fed; they are kept in a clean and wholesome stable and milked regularly by their owner. The men who buy milk from this neighbor say he is an honest man who sells clean rich and wholesome milk and butter-and gets the highest prices. Neighbors of this man—keepers of ordinary dairies of ordinary cows, sellers of ordinary milk at ordinary prices—say he is "cranky," particular; that no one can suit him. They say that milkers who are perfectly satisfactory to other dairymen and their cows cannot please this man and his cows.

I watched my neighbor at his milking the other afternoon. His stable was clean and wholesome; his cows looked as if they had been curried; they seemed contented and unafraid. The feed for these profitable cows was well mixed and so carefully moistened that it was neither sloppy no dry. The milker never speaks in a loud voice; he does not scold his cows nor swear at them. Before beginning to milk he draws from the bosom of his jumper a large cloth and carefully wipes the cow's teats and udder. After milking he carefully strains the milk and takes it to the milkhouse to be run through the separator or bottled for customers. The milkhouse and all the utensils are scrupulously clean.

I have wondered if my neighbor's two reputations are really what they seem.

Possibly his "crankiness" is only his insistence on the only methods that will insure the clean and wholesome milk which his customers want. Perhaps the men who cannot please him are men used to slipshod methods—milkers who are ill tempered and unclean, who frighten and abuse the cows and are too careless or lazy to keep cows and milk clean. And I have wondered if a man can be honest with his customers and allow uncleanness in his stable and milkhouse .- (D. W. Working in Farm and Home.

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IMES PEALS to., free.

## Essentials in Dairying.

The man who imagines that the dairy can be successfully managed in the same slipshod, haphazard manner that most of us follow in our farming will be badly dissapointed. It is a business that provides

a broad field for the diligent application of intelligence in its management. the skimming station relives the operator of much of the intricate features of the regular dairy. But even with the station as we now have it, there is much for us to We are told by those who ought to learn. know that not only good breeding is necessary in order to produce the good dairy cow, but also that the feeding from the dropping of the calf until it is developed into a cow, is of great importance. They tell us that one line of feeding tends to make a beef animal of the calf, and another line of feeding tends to produce the dairy

The man who engages in dairying soon learns that a lack of sufficient supply of good pure water for his cows; the lack of a proper quantity, quality and kinds of feed; the lack of shelter from the cold and storms, or the lack of gentle handling and regularity of milking-any of these things and many more will tend to lessen the flow of milk and thus cut down his profits. And when he obtains this knowledge he will begin to realize that all these assential features in the care of the dairy cow are also essential in the management of all other kinds of stock. And as the dairy business spreads over our county and our people become educated as to the conditions it requires, the practice of allowing the cattle to seek shelter behind a barb wire fence during a blizzard, and the hogs to sleep in an open, unprotected yard without bed or shelter will have passed away, and the more businesslike and pro-fitable method of careful housing of all stock in cold, stormy weather will have taken its place. And again I say, bid the dairy business a glad welcome on account of the valuable lesson it will teach in other lines of work upon the farm.—(From address by J. D. Ream, at the opening of the creamery in Broken Bow, Cluster County, Neb. 4 4 4

Rev. Francis Coleman, one of the oldest and most highly respected Methodist ministers in Ontario, died at Hamilton on Friday at the age of eighty-seven years.

## Welfare. Woman's

## Paines Celery Compound

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"For years I have suffered from constant sick headache and nervousness. At times I have been so bad that I have been unable to sleep two hours a night for weeks. I have teen danny medicines and doctored a great deal, but never received a hundred-th part of the value from them that I obtained from Paine's Celery Compound. After using three bottles I can sleep well, my headaches have ceased, and I feel healthier and fresher than I have been for years."

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JOHN A. MACDONALD.

Publisher Arnprior Chronicle.

# TRUTH

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