TUBERCULOSIS IN EUROPE.

The present condition of bovine tuberculosis in Europe is briefly dis cussed by [Prof. H. W. Conn in Bulletin No. 19 of the Storrs Agricultural Experiment Station just issued, and the following important conclusions are reached :

1. The passage of tuberculosis from man to animal, or from animal to man, must be regarded as not a common method of dissemination. Bovine tuberculosis and human tuberculosis, though produced by the same bacillus, represent two separate problems.

2. Bovine tuberculosis has assumed alarming proportions in regions of Northern Europe, more than half the animals being infected.

3. The only efficient method of combating the disease among cattle is by separation of healthy from in-fected animals, either by isolation or slaughter.

To determine whether any cattle 4. in a herd are infected and ought to be isolated from the others, it is necessary to resort to the tuberculin test. This test should be used to aid the farmer in building up a healthy herd, but not to condemn all reacting animals to slaughter.

5. The history of tuberculosis in European herds will be the history of our own herds unless our farmers wake up to the necessity of battling with the disease at once

THE FARM WELL.

A necessity on every farm is a good well. Not only should a good well contain plenty of water but that water should be pure and the surroundings of the well should be kept as tidy and clean as possible.

The well should always be located at a safe distance from possible sources of pollution; the brick or stone work should be set at least as far down as the ground waterline, in cement impervious to water ; the top of the well should be raised about a foot above the surface of the ground and be provided with a tight top to keep out all vermin, and the surroundings should be kept free of all substances that might pollute the water. The well should never be used for a refrigerator, nor should the washing of milkcans or other utensils be carried on in its immediate neighborhood unless ample provision is made to carry away all wash water. Slops and garbage should be thrown on the compost heap where they belong.

HOW TO KILL THE LEAF HOPPER

* C * HARILEY, KANSAS EXPERIMENT STATION. Leaf hopper, Thrip and Erythroneura vitis are all different names for one small insect, which is often very numerous on grape vines during summer.

It is about an eighth of an inch long, of a light color, and marked by three dark red bands. They fly from their position on the under side of the

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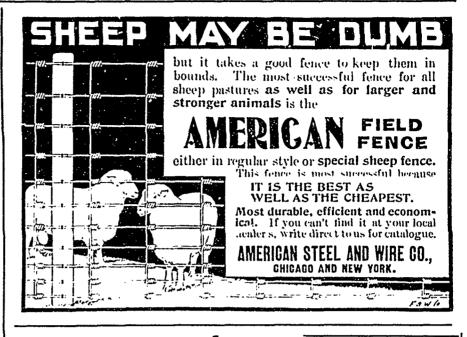
Heading lists of goods stands the full line of "De Laval," "Alpha" Power and Hand Separators, which are to day conceded by our leading Experiment Stations and Dairy Schools, as well as advanced Creamery and Dairymen to be the best cream separators on the market to day, and other goods of the same standard of merit, which will appeal to all dairymen as worthy of their consideration before purchasing elsewhere.

Our object in opening this branch is to be near the dairymen of Manitoba and the N.W.T., so as to better serve those who have favored us with their patronage in the past, either direct or through local agents, and to acquaint ourselves with new customers. All of which will result to our mutual interest.

The users of any style of " De Laval " separators, who are not fully postde on operating same to best advantage, or those desiring any more information on the Separator question, we shall be pleased to hear from, assuring them, that such enquiries will have prompt and satisfactory attention. Any who contemplate the purchase of a cream separator this spring, we should be pleased to hear from, so as to send them reading matter that will prove of much interest and benefit, giving experience of dairy authorities on cream separators, showing first cost is not the only consideration in a separator purchase. If what facts we roduce are not convincing enough to any intending buyer that the "De Laval" "Alpha" Separators are the best, we will be pleased to place one of such separators in any darry on a 15 or 30 days' trial, against any cheap infring-ing separator, to prove by practical results that the "DE LAVAL" is not only the Best but also the Cheapest. Let us hear from those in any way interested.

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