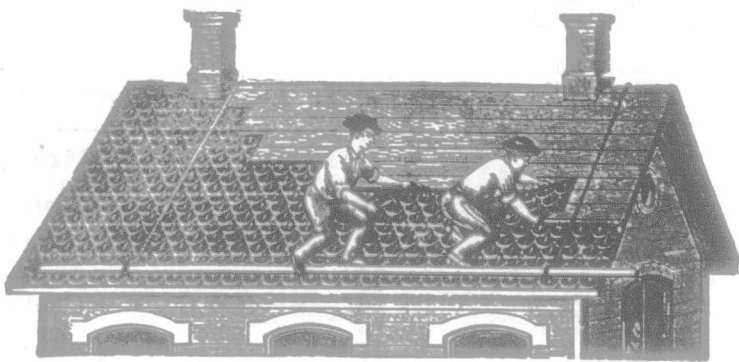


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METAL CEILINGS, in 2,000 designs.

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syringe that has been previously sterilized. The skin at the point of the injection should be saturated with an antiseptic solution before the injection is made.

(The most convenient agents for the sterilization of the syringe and the saturation of the skin and carbolic acid or of creolin in solution. The solution is made by the addition of one part of carbolic acid or of creolin to twenty parts of water.)

The hypodermic needle should be dipped in the antiseptic solution after each injection before proceeding to again fill the syringe or inject another animal.

After injection five temperatures should be taken at intervals of three hours commencing with the tenth hour.

In cattle which have recently undergone a previous test the reaction frequently begins much earlier, and it is then advisable to take the first temperature not more than two hours after injection, and to continue taking temperatures every third hour thereafter up to the usual time.

Veterinarians about to apply the test should carefully study the chart on which its results are to be recorded. The hours are not fixed, as under pressure of work, these may vary.

The veterinarian must mark, in the space for that purpose, the actual hours at which temperatures are taken, so that no misunderstanding of the record may be possible.

Attention is also directed to the note in the column for decision.

The plan at one time followed of deciding as to the health or disease of an animal tested with tuberculin, viz.: by a rise of 2° in the temperature after injection, is no longer considered satisfactory. Under that system it was possible, where the normal temperature was low, to condemn an animal with a temperature under 103°. On the other hand, an animal with a high normal temperature on injection might be passed as healthy, although showing a reaction approximating 105°, which is entirely out of the normal range.

Under the system now followed, animals whose temperatures after injection do not exceed 103° are to be classed as healthy unless clinical symptoms of tuberculosis are present.

Animals showing temperatures after injection of 104° or over are to be classed as tuberculous.

Animals whose temperatures after injection do not reach 104°, but rise above 103°, are to be marked suspicious, unless some extenuating circumstance accounts plainly for the rise, in which event a clinical report is to be attached to the chart as indicated in the note.

EAR-MARKING OF REACTORS.

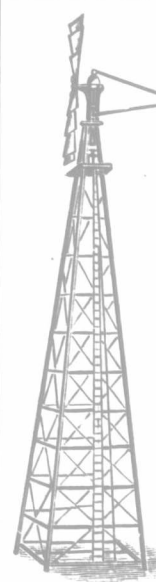
Attention is especially directed to the fact that cattle reacting under any circumstances are permanently ear-marked by one of the regular officers of the Department, and may then be dealt with as the owner sees fit, subject to the approval of the local health authorities, except that their exportation will not be permitted.

J. G. RUTHERFORD,
Veterinary Director General.

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BONDED, GRAIN DEALERS.

Mr. C. C. Castle, Warehouse Commissioner, sends us the following list of grain dealers who had up to September 22 complied with the requirements of the law and secured licenses for the carrying on of their respective market operations:

LIST OF PERSONS, FIRMS, AND CORPORATIONS LICENSED AS TRACK BUYERS OF GRAIN.

License No.
B 1, R. J. Noble, Oxbow.
B 2, Chalmers & Watson, Pilot Mound.
B 3, John A. Scott, Hartney.
B 4, J. Schwartz & Co., Altona.
B 5, Spencer Grain Co., Winnipeg.
B 6, Donald Morrison & Co., Winnipeg.
B 7, Winnipeg Elevator Co. Ltd., Winnipeg.
B 8, Laing Bros., Winnipeg.
B 9, Wm. Henry Day, Francis.
B 10, Union Grain Co., Winnipeg.
B 11, Wm. Stead & Co., Winnipeg.
B 12, The Dominion El. Co. Ltd., Winnipeg.
B 13, Ogilvie Flour Mills Co. Ltd., Winnipeg.
B 14, Joseph Getty, Caron.
B 15, McCabe Elevator Co. Ltd., Winnipeg.
B 16, P. Burns & Co., Calgary.
B 17, Royal Grain Co. Ltd., Winnipeg.
B 18, British American El. Co. Ltd., Winnipeg.
B 19, Wells Land & Cattle Co. Ltd., Davidson.
B 20, Grain Growers Grain Co. Ltd., Winnipeg.
B 21, Lake of the Woods Mfg. Co. Ltd., Winnipeg.
B 22, J. Brown Mfg. and El. Co. Ltd., Winnipeg.
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Pump head with cylinders complete, extending 6 ft. into well \$12.00.
Add 25c. for each additional foot in depth.

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Double handle 50c. extra.

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