

WHAT EVERY HORSE OWNER OUGHT TO DO.

Immediately on discovering symptoms indicatory or suspicious of glanders, isolate the animal completely, and report his suspicion to the Minister of Agriculture.

On no consideration should a horse owner try to hide such a suspicious animal, he endangers his other horses, the lives of men working with or about the horse, or of members of his family, or it may be his own life.

In the Territories, report to the Commissioner of the North-west Mounted Police, who will order necessary action on behalf of the Minister of Agriculture.

The owner should carry out to the letter all preventive measures suggested by the veterinarian, even at a good deal of trouble and expense. In dealing with infected stables, nothing short of removal and burning of all woodwork, feed boxes, hay boxes or racks, will be effective, the floors and stall divisions may be planed and limewashed, or scrubbed with some disinfectant solution.

The following simple direction for the disinfection of stables extracted from last year's report may be useful in dealing with glanders:—

'When the buildings are modern and properly constructed as to air space, light, drainage and ventilation, disinfection is a simple matter.

'When, however, the stable building is old, perhaps a utilization of some old wooden structure for housing animals, or the make-shift erections of the pioneer in the west who by force of circumstances has been compelled to provide some sort of shelter which because horses are kept in it is called a stable, it is more difficult.

'The disinfectant may be gaseous, spray, liquid or solid. The gases most used for disinfection are chlorine and formaldehyde.

'In using gas for disinfectant purposes it is necessary to remove the animals, and close up tightly the doors, windows and ventilators.

'To generate chlorine gas, place, say, 8 ounces of common salt with which an ounce of black oxide of manganese has been mixed, in an earthenware plate, then pour three ounces of sulphuric acid over the mixture and stir, when chlorine gas will be evolved. Care must be taken not to inhale any of the fumes as they are very irritant to the bronchial tubes—several plates may be used according to the size and form of the stable. It should be left closed for four hours when it may be opened and air and light freely admitted for several hours before animals are returned to it.

'Vaporized formaldehyde is extensively used for disinfecting houses, it is disengaged by a special apparatus and is introduced to a room or building by a rubber tube passed through a key-hole.

'Steam is very effective where it can be conveniently furnished.

'The liquids used for disinfection are: solutions of corrosive sublimate which while much used in human practice are too dangerous to be employed for disinfection of stables or byres, solutions of carbolic acid, creolin, sulpho naphthol or sanitas, may be used either in watery solutions or in combination with lime wash.