

AGRICULTURE

DIPPING SHEEP WILL HELP WOOL SUPPLY

SHEEP SHOULD BE DIPPED ONCE A YEAR BUT TWICE IS ADVISABLE

In view of the call for at least one million more sheep in Canada in 1943 to meet the urgent need for more Canadian-grown wool, every available means of increasing the present wool supply should be utilized. One way is by keeping sheep free from lice and ticks, and dipping is the best method by which these parasites may be eliminated. Sheep free from lice and ticks grow more and better wool. A clean flock requires less feed and is more easily kept in good condition; the lambs are stronger and grow more rapidly as a result of parasite-free ewes giving more milk. It is estimated that the saving in feed and increased weight of lambs and wool may amount to from 50 cents to \$1.50 per ewe. The cost of dipping should not exceed three to five cents per head.

Sheep should be dipped at least once a year, but two dippings are advisable—one in June when the weather is most favorable and most of the lambs have been born, and the other dipping in September or October, before the cold weather sets in. Dips are classified according to the nature of the poison they contain—carbolic, arsenic, and tobacco. Most standard dips will produce effective results, but only if the directions of the manufacturers are carefully and strictly followed.

The main causes of ineffective dipping are incorrect preparation or mixing of the dip; short immersion, and failure to keep the dipping bath thoroughly stirred from the bottom throughout the entire length before immersing every sheep. Community dipping has a number of advantages over the individual farm process. It costs less; there is less labour to the individual farmer, and an annual community dipping day ensures that all flocks in the district will be dipped annually. Further information is contained in Publication No. 614, on "Sheep Dipping".

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Our Farm News Letter

Contributed by
B. Leslie Emslie, C.D.A. (Glas.) F.C.S.

Tomato Disease Its Prevention

Science Service News issued from the Department of Agriculture, Ottawa, advises tomato growers to be on their guard against a tomato disease which in Canada was first found in Southern Manitoba during 1940. The disease, which gives rise to black specks on the fruit, caused considerable damage in 1941. According to W. A. F. Hagborg of the Dominion Laboratory of Plant Pathology, Winnipeg, the disease is of bacterial origin and is seed-borne.

Having tried several seed disinfectants, Dr. Tagborg states that which may be obtained by writing to Publicity and Extension Division, Dominion Department of Agriculture, Ottawa.

best results were obtained by soaking the seed for 15 minutes in a solution made by dissolving one ounce of Semesan in 2 1/2 gallons of water, the seed being afterwards spread out to dry. Success was obtained also, he says, with diluted Ceresan (1 part dust to 2 parts powdered talc, by volume).

Excess dust should be shaken off through a wire screen and may be used again.

Seed treatment, says Dr. Hagborg, should not be neglected, and by either of the methods described damping-off also is controlled.

Meaning

"And what is a synonym, Willie?" asked the teacher.

"A synonym," said Willie, "is a word that you use when you can't spell the other one."

VACCINE AVAILABLE FOR BANG'S DISEASE

CALVES FROM 4 TO 8 MONTHS OF AGE SHOULD BE VACCINATED

After a long series of experiments conducted in Canada and the United States it has been determined that vaccination with Strain No. 19 may be safely used as an aid in the control of Brucellosis (Bang's Disease) or Contagious Abortion of cattle.

The use of calf vaccine has been authorized by the Dominion Department of Agriculture; plans being carried out in Ontario by the Ontario Veterinary College, Guelph; in Quebec under the Director of Veterinary Services, Department of Agriculture, Quebec City; in Alberta under the Provincial Department of Agriculture, Edmonton; in British Columbia under the Department of Agriculture, Victoria, B. C.

In order that this vaccine may now be made more generally available, it has been decided to make it available to stock owners who desire to have their calves vaccinated through their veterinary practitioner. The Dominion Department of Agriculture will accordingly issue permits to veterinarians to purchase the vaccine on application on prescribed forms to the Veterinary Director General, Ottawa.

It is emphasized that calfhood vaccination should only be considered as an aid in controlling Bang's Disease and will not do away with the necessity of strict sanitary measures. Live stock owners who decide to have their calves vaccinated should obtain a certificate of vaccination for each calf giving age, description and date of vaccination. They should also arrange with their veterinarian to take blood samples from the calves for the agglutination test about thirty days after vaccination to ascertain that the vaccination has been effective. If this is not done there is no assurance the vaccination would produce immunity.

Vaccination of calves against Brucellosis should be particularly valuable in badly infected herds and with the elimination of infected adults as their usefulness expires should gradually result in an immune clean herd being built up.

It is important that only calves from 4 to 8 months of age should be vaccinated. Six months of age is the best time but probably early maturing calves are best vaccinated at four months so that the agglutination reaction ceases before pregnancy.

Calfhood vaccine is a very vulnerable product. The organisms die easily and if dead the vaccine is useless.

The owner should insist on obtaining a certificate of vaccination from his veterinarian with age and description of the calf and the date. This certificate should be kept.

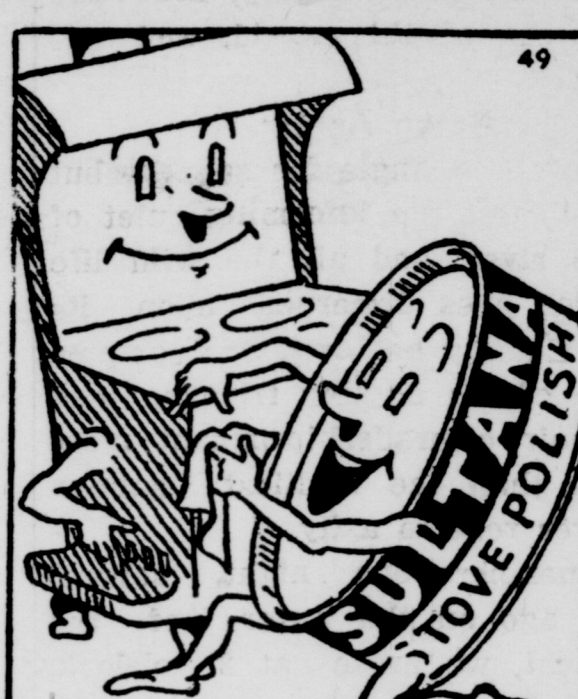
Vaccinated calves should be retained to build up the herd.

The manufacture and importation of calfhood vaccine is governed by the regulations administered by the Health of Animals Division, Dominion Department of Agriculture.

GRAFTON

(Continued from Page 6)

Mrs. Arthur Birmingham, was work convener, acknowledged the receipt of a quilt box and enough blocks for two quilts from Mrs. G. W. Shaw, who also handed in four pairs of socks at the meeting. Many other finished articles were received and yarn and material were distributed. The balance of the afternoon was spent in quilting. Among



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Care of Eggs During The Summer Months

(EXPERIMENTAL FARMS NEWS)

With the advent of warmer weather the care and handling of eggs requires much greater attention if the quality is to be retained. Without proper care of the eggs, much of the time and energy used to increase production will be wasted.

Many of the factors which help to reduce deterioration in the new laid egg can be controlled by the operator, says J. B. O'Neill, Poultry Division, Central Experimental Farm, Ottawa. The frequent changing of nesting material will help to reduce dirty eggs to a minimum. Eggs which become soiled may be cleaned with a damp cloth or an abrasive such as steel wool, but, these methods tend to remove the bloom from the egg, making them less attractive in appearance. Any eggs which are very dirty should be kept on the farm for home consumption, and not sent to market. The eggs should be collected frequently and put in a cool moist place without delay or they will quickly drop in quality. The extra labour involved in collecting the eggs four or five times a day is more than offset by the extra dividends from a higher quality product. Wire baskets are ideal for the cooling of eggs as they allow the air to circulate between the eggs. Temperatures of around 50 degrees and a relative humidity of about 75 per cent are nearly ideal for storing eggs. Higher temperatures will cause excessive evaporation and a too high humidity encourages mould growth.

As eggs have a tendency to absorb odours, they should be kept away from such things as kerosene. The frequent marketing of eggs is advisable for there is a loss in quality even under the most favourable conditions.

To carry out these suggestions may involve a certain amount of extra labour but it will pay, when the spread in price between grade A and grade C eggs is considered it is evident that the extra care in handling is very profitable.

those present were: Mrs. Alex. Strong, Mrs. Arthur Birmingham, Mrs. J. J. Ralston, Mrs. Everett McElroy, Miss Marion Rankin, Mrs. Donald Seely, Mrs. Vaughn Mott, Mrs. Kenneth Clark, Mrs. Ruthford McLachlan, Mrs. W. P. Hale, Mrs. Harry Palmer, Mrs. Donald Peabody, and Mrs. Jennie Steeves.

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