

# Efficient Farming

## CARE FOR THE COLT TO MAKE THE HORSE

The time to commence the proper rearing of a colt is before he is born. Not only the selection of his sire and dam but also the management of the mare while pregnant. Strong, healthy foals can be produced from healthy mares which are given plenty of exercise and good food and muscle building. From three to five pounds of grain may be fed per day during the winter months; this would be composed of two parts oats and one part timothy or clover hay, slightly damped. This adds bulk to the ration and prevents the foal boiling his grain, which is a common fault. The colt should be given plenty of exercise and good food and muscle building. From three to five pounds of grain may be fed per day during the winter months; this would be composed of two parts oats and one part timothy or clover hay, slightly damped. This adds bulk to the ration and prevents the foal boiling his grain, which is a common fault. The colt should be given plenty of exercise and good food and muscle building.

In view of the fact that a horse at least a year old, care must be exercised in the selection of his mate. It is not sufficient to select a mare of the same breed as the sire. The mare should be selected on the basis of her own merits and the merits of her sire. A mare should be selected which is of the same breed as the sire and which is of the same quality as the sire. A mare should be selected which is of the same breed as the sire and which is of the same quality as the sire.

Feeding—The mother's milk is the best food for the colt. It should be given to the colt until he is weaned. After weaning, the colt should be given a ration of oats and timothy or clover hay. The ration should be increased as the colt grows. The colt should be given plenty of exercise and good food and muscle building.

When large quantities of carbon dioxide are produced, the colt should be given plenty of exercise and good food and muscle building. The colt should be given plenty of exercise and good food and muscle building. The colt should be given plenty of exercise and good food and muscle building.

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First, do not forget the importance of removing the droppings frequently. Clean your droppings boards at least twice a week. Sprinkling over them with water will keep them from becoming soiled. The droppings should be removed from the droppings board as soon as they are made.

Do not forget the value of quarantine. Not only as a germ destroyer, but also as a means of preventing the spread of disease. Quarantine is a means of preventing the spread of disease. Quarantine is a means of preventing the spread of disease.

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Here is said to be the fastest boat on the Seine river in France. The aeroplane propeller with its turbine engine is worked by gas man and can be turned to catch the prevailing wind.

## FOR HOME AND COUNTRY

The Next Step in Child Welfare. Dr. Helen MacMurphy, Chief of the hospital, Division of Child Welfare, Dept. of Health, Ottawa, is making an earnest plea for adequate provision for the mother and the mother with small children, referred to the loss of 1,243 children in Canada during the year, largely because of lack of adequate advice and proper care.

The death rate among infants of one year is 42 per thousand in New Zealand, 17 in England and Wales, and 100 in Canada. By far the greater number of deaths take place before the baby is a month old. "What does this mean? Take care of the mother," Dr. MacMurphy says. "If the mother is not properly cared for, the baby will not be properly cared for."

How shall we make Canada safe for mothers? There are two chief answers to this question. First, give every Canadian mother the proper medical and nursing care. Dr. J. W. McCullough, Chief Medical Officer of Health for Ontario, at the meeting of the Ontario Medical Society, held at Windsor, June 10th, 1921, says: "We are not properly cared for, the baby will not be properly cared for."

They rose in reverence. Yes, they were in a field to-day. Far from the mothers, they were in a field to-day. Far from the mothers, they were in a field to-day. Far from the mothers, they were in a field to-day.

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## What a Beginner in Bee-keeping Should Read.

The winter months afford the beginner an excellent opportunity of increasing his knowledge of bees and bee management through reading. There are, at the present time, so many good books and journals devoted entirely to beekeeping, the beginner is often at a loss to know which to choose. Mr. C. J. Gooderham, Dominion Apiarist, recommends one of the following for general reading: "The Honey Bee," by Langstroth and Dadant; "Beekeeping," by Dr. Phillips, of "Productive Beekeeping," by Frank C. Palfelt. In addition to one of these, every beginner should have a copy of the "A. B. C. & X. Y. Z. of Beekeeping," which is the best reference book obtainable as it deals with practically every phase of beekeeping and has, in addition, special articles for beginners. These books can be purchased from any dealer in bee supplies.

It is also advisable that the beginner subscribe to at least one good bee journal, any one of the following can be recommended: "The Beekeeper," published at Peterboro, Ont., price \$1 per year; "The Western Gardener and Beekeeper," Winnipeg, Man., price \$1 per year; "The American Bee Journal," Hamilton, Ill., U.S.A., price \$1.50; "Gleanings in Bee Culture," Medina, Ohio, U.S.A., price \$1.15; and "The Beekeeper," Quebec, P.Q., price \$1.

The beginner is also advised to obtain the following Dominion Experimental Farms bulletins and circulars: "Keep Them," Bulletin No. 22, "Winning Bees in Canada," Circular No. 105, "Bee Diseases," Circular No. 52, "Facts About Honey," Circular No. 11, "Beekeeping in Canada."

These may be had free upon application to either the Publications Branch, Dept. of Agriculture, or the Bee Division, Central Experimental Farm, Ottawa.

## Dross of Earth.

The fault of most biography is that it represents the one who sits for the portrait as incapable of wrong and innocent of failure. What a pity that the portraitist should be so blind as to see that the man who sits for the portrait is not only capable of wrong and innocent of failure, but also of great good and noble deeds.

There are many and great works in this world. But the most influential is the "Dross of Earth," which is the story of a man who has lived a life of great good and noble deeds.

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## The Sunday School Lesson

FEBRUARY 8.

### Christ's Intercession for His Followers.

Prayer, John 17: 1-23. Golden Text: "I have prayed for them, that they may be one, as we are."

Intercession—Of all the words of prayer, the most beautiful and most precious is that which is offered for others. It is the expression of love and sympathy for our fellow-men. It is the highest form of prayer.

Such critical moments constantly occur in life. It is a great day for the soul when we are called upon to pray for others. It is a great day for the soul when we are called upon to pray for others.

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Edison Marshall, who divides his time between big game hunting and writing novels, is shown with a bear he killed in the Canadian Rockies and which he refers to as a small one.

## Feed Turnips After Milking.

Root crops, particularly turnips, add important, undervalued flavors to the milk and cream from dairy cows. The Department of Agriculture has conducted experiments to determine the best method of feeding them.

The results indicate that feeding turnips at the rate of fifteen pounds per cow per day, both before and after milking, produces the best results. This feeding is particularly beneficial in the winter months.

On the other hand, feeding at the rate of thirty pounds immediately after milking has practically no effect on the flavor or odor of milk or cream.

## The Oldest Animals.

Efforts are to be made to prevent the extermination of the giant tortoise of the Galapagos Islands, believed to be the oldest living animals, by finding a refuge for them on some desert island near the United States. Dr. William Beebe, a naturalist, has been instrumental in this effort.