#### May 12, 1010.

## Corn for Forage or Ensilage\*

In the rotation, corn should follow clover hay, pasture or meadow. Stub-ble land as well as lands that have just been in hoed crops are not suitable since the supply of humus or humiy-ing material is likely to be small, and since corn needs much food such as these substances provide, it would prebably fail short of a good crop on account of the lack thereof. Corn might advantageously come after gridd or even follow a hoed crop, pro-view theat were very fortile or a applied H. Griskale, Agriculturist, C. E. F. Corn for forage or ensilage corn can be grown to advantage in almost all parts of Canada at present occupied by farmers or stockmen. Results have not been satisfactory in every case where efforts have been made to grow it but this has very often been due to unsuitable urail methods practised or unsuitable urail methods practised or unsuitable in the forage grown, rather than to advantage grown, rather than to advantage grown, rather than to advantage of the forage erop wherever live stock area for grown and the of them follow:
As a plant capable of yielding a large amount of valuable forage under a great variety of soil and climatic corditions, corn is without an equal.
When properly preserved, wheth-er as ensilege or dried, it can be used as material to render other less using many filting the rate of the less using many filting the top and the source of the remaining filting more acceptable to farm anime it can able or source or for ensiloing that can be applied to the source of the less J. H. Grisdale, Ayriculturist, C. E. F

farm animis. 3. It is the best plant or crop for ensitiong that can be grown to advan-tage in Canada. It is purposically a perfect crop for this purposically a perfect crop for this purposite the the blas to solve the great problem of how to furnish an abundant and cheap supply of succentent food for winter or summer feeding of dairy or beef eattle.

or summer feeding of dairy or beet cattle. 4. When properly grown and well preserved as ensilage, it is the equal of or auperior to roots in feeding value and palatability. It can, however, generally apeaking, be more cheaply grown and more easily preserved than roots.

grown and more easily preserved than roots. 5. The labour of growing an acre of corn is of a character much more agreently and the perform and much less arduous then that of growing an acre of roots of any description. 6. Corn by description the land; roots are well to clean the land; that is, free mw weeds, so fitting it for grain growing, and putting it into shape to seed down to grass or hay.

to for grain growing, and pointing is into shape to seed down to grass or har. Corn is a gross feeder and may be depended in the set of the set of the dependence of the set of the rotation where humifying the set of the set of the set of the rotation where humifying the set of the the set of the the set of the the set of the the set of the the set of the set of

9. Corn when preserved as ensilage

9. Corn when preserved as ensilage can be stored much more cheaply in much lass pace than any other rough-age. In addition, stored in this way it will know the store of the store ready to feed. 10 in 30 years' experience in farm-as seen all kinds of grain crops utter failures, he has seen hay so light as to not pay for the making, and roots and potatoes practically nil, but in all that time he has never seen a failure in the pocators practically in, but in all that time he has never seen a failure in the corn crop. There has always been a fairly profitable return from the fields

in corn. WHERE TO GROW IT. Corn will grow in any kind of soil, provided always that there is good draimage. Under draining is not ab-solutely necessary, although advisable on the source of the source of the source of the should be source of the source of the source of the should be source of the source of the source of the should may be expected to prove the most sat-isfactory under most weather condi-tions.

\*Extract from Bulletin No. 65 of the C. E. F., Ottawa, entitled "Growing and Using Corn for Ensilage or Fodder Corn."

## FARM AND DAIRY

One gross staples large enough to fasten rods to staves.

PREPARING THE MATERIAL.

The staves should be sized and dressed one side. They might be tongued and grooved, in which case it would be necessary to prepare three more pieces than mentioned should be the start of the start of the start data and the start of the start of the start of the start start of the start of t

Four posts should be constructed by using for each a length and a half of 6 in. by 2 in. stuff to which should be nailed on each side the same lengths of the 4 in. by 2 in. stuff. Break joints. And pieces in such a way as to form a uniform surface of 6 in, wide made up of 2 in. wide edges. of three pieces making up posts. The profunding parts of the centres or 6 in. by 2 in. pieces, will serve as parts of silo wall coming between two stayes Four posts should be constructed There should be 19 or 20 staves between posts

tween posts. Dig a circular trench two feet wide for foundation of silo. Construct cement wall in trench whereon to stand silo. When cement is set (three or four days) erect posts at equal dis-tances on the wall. Fill in with staves.

starves. Iron rods should be bent and used as hoops. They should go far enough through posits to allow for washers and nuts being put on wife modificulty. Tiethen as convenient or modificulty. Holes to receive hoops should have been borde in the posts before erect-ting. These hoops should be placed about as follows, starting at the bot-tom: (41) 30 in.; (5) 33 in.; (6) 36 in.; (7) 36 in.; (8) 36 in.; (9) 48 in.; (10) 48 in. 48 in.

#### TWO FLAT HOOPS

Hoops Nos. 5 and 8 should be flat. The holes for the hoops should be bor-red on the bevel, starting about 1 in. from the inside edge of the 4 in. from the unside edge of the other 4 in. piece availe edge of the other 4 in. piece availed by a 9 ft. piece the next should be a 9 ft. piece topped by an 18 ft. Thus joints will be brok-en. The joints in the staves will come opposite the flat hoops. Doors should be cut between hoops and 5, 8 and 7, and between and 5, 8 and 7, and between the start and 5, 8 and 7, and between the start hours be average about half Hoops Nos. 5 and 8 should be flat.

8 and 9. When placing staves, start doors by sawing on bevel about half through one of the staves to form part of door. Be sure to start top and bot-tom of each door, or there will be trouble later on.—J. H. G.

am very much pleased with Farm and Dairy and am sending my renew-al for another year. Farm and Dairy is worth a place in every home.—J. G. Letbhridge, Sec.-Treas. Dominion Grange, Middlesex Co., Ontario.

NORTHERN **ONTARIO** 

160 acres of land for the settlers 160 acres of land for the settlers in Northers Ontario. Situated south of the G. T. P. Transcontinental Railway, South of Winnipeg, and 800 miles nearer the scaboard. A rich and productive soil, covered with valuable timber, it is rapidly in-creasing in value.

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HON. J. S. DUFF Minister of Agriculture

# IMPORTATION OF STOCK

will be reserved for all stock coming from the East to B. C., providing the owners, or importers, make application for definite space before April 30th to R. W. Hodson, Live Stock

and B. C. Dairymen's Associations pay half the transporta-

# WESTERN CANADA FARMS FOR SALE

# H. F. LINDE'S LIST

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Tanged. I have some attractive FRUIT and DAIRY FARMS to offer in the FRASER VALLEY, near VANCOUPER, NEW WEST. MINSTER and CHILLIWACK, B. C. Write me at once for my British Columbia Cata-logue.

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MINSTERR and CHILLIWACK, B. C. Write hore.
STACRES - SOUTHEEN ALBERTA -ne mils from shipping point, nine mile buildings: all non-good house and out-undings: all non-good house and out-undings: all non-good house and out-shipping buildings: all non-good house and and. S&D per aers. 13 cash.
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BACHENS-CENTRAL ARABINET CONTROL TO MARKEN LA CONTROL CON

H. F. LINDE, Box 44, WADENA, Sask,



In the rotation, corn should follow

A Home-Made Bag Truck

Much labor is assed on any farm where considerable quantities of grain are grown, by a well constructed bag truck. These little labor savers can be purchased at a very reasonable price, but any man of a mechanical

### A Home Made Bag Truck

Anyone of a mechanical turn need not do without a bag truck. The one illustrat-ed as womed by Mr. Will Smith, Durham Co., Ont., and is entirely home mada —Photo by an editor of Farm and Dairy.

turn can make a bag truck equally turn can make a bag truck equally as good or better than can be bought. The truck herewith illustrated is entirely home-made. Mr. Will Smith, Durham Co., Ont., put it together in spare time. Even the irons on it were shaped at home.

# How to Build a Stave Silo

I would like if you would a Stave Shio stuctions how to build a stave silo. The timber is cheap in this section, and I think it would be the cheapest if it would be as good. How long would it has? I want it for six or eight cows.—H. L., Coe Hill, Ont.

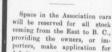
Hill, ont. A staye silo for six or eight cows should be large enough to hold about 40 tons of ensilage. Usually the build-ing of a silo on the farm leads to the keeping of more cattle, hence I would suggest that your correspondent build a silo capable of holding 60 or 70 tons of ensilage. Such a silo should be about 12 feet in diameter and about 27 feet high. feet high.

The material necessary for such a silo would be about as follows:

One yard field stone.

One yard field stone. One yard sand. One barrel Portland cement. 120 pieces of red pine or spruce or extra good quality hemlock lumber 18 ft. long, 6 in. wide and 2 in. taick 12 pieces same wood 18 ft. long, 4 in. wide and 2 in. thick. 32 pieces round 54 iron 11 ft. long, threaded 6 in. each end, 2 nuts each end.

end. 8 pieces flat iron 2 in. wide, ¼ in. thick, 9 ft. long. Threaded round pieces, one foot long on each end. 80 3-in. washers ¾ in. thick, ¾ in. bore to go on rods, 2 for each rod.



Commissioner, Victoria, B. C. The B. C. Stock Breeders'

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