Duty

#### He's had GARDINER'S CALF MEAL

ver since he was weaned



CANADA'S GREATEST SEED HOUSE

# STEELE BRIGGS SEEDS

THE BEST BY EVERY TEST

FOR SALE BY RELIABLE MERCHANTS EVERYWHERE THROUGHOUT CANADA

### SYDNEY BASIC SLAG -

## The Best Value in Fertilizer on the Market

SALES in Ontario in 1913 1916 3,108

We suppose you have missed our advertisements Well; we have not retired from business but the fact is, we had more orders than we could execute, and we had to lie low for a bit. now, however, booking orders for the Fall Wheat trade, and we want you to make a start in using Sydney Basic Slag this season. We know you have been thinking of doing so, but now is the time to place your orders. Write us, and we will give you the name of our agent in your district, or if we do not happen to have a man representing us, perhaps you could take a carload of 20 tons and distribute same among your neighbors. You will be reasonably remunerated for your trouble, but, above all, you will earn their gratitude for introducing Sydney Basic Slag into your district. Drop us a line and our general Salesman will give you a call and discuss the matter. If necessary, also, he will help you to canvass your territory. Sydney Besic Slag was first sold in Ontario in 1913. That year we placed 230 tons. This season we have sold 3,108 tons. Think that over for yourself.

Interesting descriptive literature will be sent on

The Cross Fertilizer Co., Ltd., Sydney, N.S.

#### Some Hints on Lightning Rod Installation

And Other Things Learned During a Visit to the Farming Special— "Halton Farmer," Halton Co., Ont.

"Halton Farmer," Halton Co., Ont.

Craisil A veritable college on wheels! I have attended several farming specials, such as the one run last fall over the lines of the Craisil A western Ontario, and was interested only in a general sort of the Mr. Martin had in his exhibit, we had a tracested only in a general sort of the hay fork and the 'tter carrier's.' I remember looking at this and track, should be connected with the machine of the Mr. Martin had in his exhibit, we have a fine of the hay fork and the 'tter carrier's.' I remember looking at this and track, should be connected with the machine of the hay fork and the 'tter carrier's or my own peculiar problem, but I

with my own peculiar problem, hat I believe I may be doing many others a favor in passing on some things I learned that apply generally. We first discussed the type of lightning rod that It would be most advisable to install. I asked about the iron centre rod. For answer Mr. Martin showed me some specimens he had in his exhibit. On one side he had in his exhibit. On one side was a new iron centred rod in its copper sheath. Right near it was a secper sheath. Right near it was a sec-tion of an iron centred rod that had been used in rodding a building eight years ago. The iron had all rusted out, although the copper was as good

"I certainly would not advise the on centred rod under any condi-Mr. Martin informed me. the pure iron rod does not rust as fast as the iron-copper rod. conducting power of the iron is only one-half as great as that of the cop-per rod, but its melting power is higher. The only place where there is much danger of melting, however,

is at the point. Hence we get the ideal rod in a combination of a steel dip and a copper conducting strand.

Wheat must respond particularly well to tile drainage. Neil McDoy and the acceptance of the particular and the state of Tara, Ont., threshed 25% dip and a copper conducting strand, and the state of the state

"A metal roof does not protect in "A metal roof does not protect in any degree against lightening." Bir feed.

"A metal roof does not protect in the warm of the protect in the state of the protect in the protect of the roof and the protect of the roof. At each of four corners the metal roof of the roof. At each of four corners the metal roof of the roof. At each of four corners the would comence a copper roof and run it down does enough into the ground to be in contact with permanent moise in contract with permanent moise a self-time. A card informed me ture. If there are cupolas on the roof, (Continued on page R.)

noted the rollowing lessumonials to the value of tile draining:

Mr. Beecher Matchett, of Peter-boro county, harvested a crop of oats, 67% bushels to the acre, from a tile-drained field, while from lands a the-drained heid, while from lands of exactly similar quality but un-drained, the crop threshed only 31% bushels, a difference of 35% bushels business, a difference of som business to the acre in favor of tile drains. At the price of oats last fall I cal-culated that the increase in that one crop nearly paid for the drains, providing it costs about the same to drain a field in Peterboro county as in Halton county.

Mr. Sandy Matchett, also of Peter boro county, sowed mixed grain, and from his drained land harvested 1,433 lbs. to the acre and from undrained land 923 lbs. The value of the differland 923 the. The value of the difference in yield was estimated at \$\times\$. Harley was the crop reported on by Albert Snell, of Haldimand county. From drained and he harrested 33 bushels, from undrained 27½ bushels, and the value of the difference was a superstant of the difference was superstant.

rod close to the building. The claim stated that the average shall at the on-pear of this method is that the oppear, coming in contact with the years had been 4.77 ones to the acre from the building, will remove the charge from the building with any danger that that might involve. A disadvantage, how ever, is that straw and chaff collect reasonable for the considered the rod and are held there. Other rod fasteners, and these are the considered the most satisfactory, in-sulate the rod from the building by four and one-half tons of bright had been considered the most satisfactory, in-sulate the rod from the building by four and one-half tons of bright had building it three-quarters of an inch a present prices would be almost away.

I made hold to ask a question. "Is of my principal crops, and although there anything in the claim that a I have not been able to make as high metal roof is protection against light a yield as reported for the college, and "A metal roof does not protect in two value of alfalfa hay as a dairy any degree against light test of the college of the value of alfalfa hay as a dairy any degree against light college."

Putters and Dairotte when the college is the reason that the college is the reason that