

children. There will be no unseemly scramble for the property they leave, for the love they engendered will not allow it. Such men are among the finest products of American citizenship.

Seed Grain as Premiums

The seed grain premiums offered by "Farm and Dairy" in recent weeks for new subscribers have met with ready response. Many have taken advantage of the offer; more can still be accommodated. While advantage has been taken of the opportunity to secure seed such as the O.A. No. 21 barley for the minor obligation of securing a few subscribers to "Farm and Dairy," even more recognition is given the offer now running in the advertising columns in regard to seed corn.

One of the drawbacks to the culture of corn for fodder or for the silo is the difficulty that is so frequently met with in securing seed corn that will grow. "Farm and Dairy" readers may have reliable seed corn for 1910. Read the offer which appears again this week lower down on this page. "Farm and Dairy" can do for your neighbor what it has done for you. By inducing him to take the paper you benefit him, and at the same time reap the reward of the premium you may select.

The Western Live Stock Trade

At the meetings of several of the live stock associations held in Toronto two weeks ago, Mr. A. P. Westervelt, the secretary of the Associations, presented the following statement covering the shipments of stock from Ontario to the West during 1909:

During the year 1909 eight cars of pure-bred stock were sent to the West by the Live Stock Associations. The sales were all made by the breeders, and in most cases the shipments consisted of consignments from several breeders. The car sent out in June, as well as several other car lots not directly in charge of the Association, was filled entirely with dairy cattle for distribution in Alberta. The Department of Agriculture of that province is making efforts to encourage their farmers to go more extensively into dairying, and as an inducement for the breeders to secure good foundation stock, the department gave, during the past year, financial assistance to those who wished to secure stock in the East. Very little of this stock was bought in Ontario, the most of it going from either the Province of Quebec or the State of New York.

The following table shows the total receipts and expenditures in connection with each of the cars:

Shipment.	Receipts	Expenditures
February 4th.....	\$244.55	\$290.25
February 10th.....	183.63	183.00
April (2 cars).....	392.75	410.85
May.....	284.65	287.12
June.....	110.96	110.96
September (2 cars).....	521.65	462.80

Total, 8 cars.....\$1,787.56/\$1,750.98

FEBRUARY 23

Is the date on which we should have your copy for the

ORCHARD AND GARDEN NUMBER

Has it been sent yet? We can accept it a little later than the above date, but cannot guarantee you a preferred position. Better mail it to-day. No increase in rates.

Advertising Dept.,
FARM AND DAIRY, PETERBORO, ONT.

The different breeds of stock were represented in these shipments by the following numbers:

NUMBER ON EACH SHIPMENT	
Breed	Total Number
Horses—	
Clydesdales.....	20
Hackneys.....	2
Thoroughbreds.....	2
Shires.....	1
Cattle—	
Holsteins.....	15
Aberdeen-Angus.....	4
Shorthorns.....	20
Jerseys.....	12
Ayrshires.....	18
Herefords.....	1
Sheep—	
Shropshires.....	25
Cotswolds.....	21
Leicesters.....	14
Southdowns.....	16
Oxfords.....	8
Swine—	
Berkshires.....	4

Shire Horse Men Meet

The Canadian Shire Horse Association, which met in Toronto two weeks ago, was unanimously of the opinion that horse-racing is essential to the raising of thoroughbred horses in Canada. The annual report, submitted by Mr. G. de W. Green, of Toronto, was highly satisfactory, showing a balance on hand for the year of \$724.89.

Dr. Rutherford, Dominion Live Stock Commissioner, addressed the Association on the Shire breed, which he considered the finest procurable for draught purposes. He hoped to see the standard of live stock in this country raised, for, he said, "there is most inferior live stock in nearly every part of the Dominion, and we have suffered in almost every branch of the business by importation from the United States." Mr. D. Messenger, of Guelph, gave a prize of \$25, which will be doubled by the Association and offered at the Canadian National Exhibition as the directors see fit.

The election of officers resulted as follows: President, W. Laking, of Haliburton (re-elected); vice-president, J. Brecken, of Toronto; secretary-treasurer, G. de W. Green, of Toronto; hon. vice-presidents, for Ontario, F. W. Ramsay, Bunnville; for Quebec, W. Hodgins, of Portage du Fort; for the Maritime Provinces, Hon. F. W. Hassard, Premier Prince Edward Island; for Manitoba, F. J. Scott, Bagot; for Saskatchewan, P. B. Ross, Grenfell; for British Columbia, A. Davis, Ladner; for Alberta, J. Knight, Raymond. Directors: C. E. Porter, Appleby; J. Gardhouse, Highfield; D. Messenger, Guelph; W. E. Wellington, Toronto; J. M. Gardhouse, Weston; J. Henderson, Belton; A. A. Miller, Middlemarch. Committee: A. J. Henderson, Highfield. Delegates to the Canadian National Exhibition, J. M. Gardhouse, of Weston; to the Western Fair, A. A. Miller, of Middlemarch; to the Central Canada Fair, W. Hodgins and W. Laking; to the Horse Breeders' Association, J. Gardhouse and J. M. Gardhouse. Executive and Pedigree Committee, W. E. Wellington, of Toronto; J. M. Gardhouse and J. Gardhouse.

Waste from Manure Heaps

Fresh manure loses in the process of decay from 25 to 70 per cent. of its original weight. An 80-ton heap of cow manure left exposed for one year lost 66 per cent. of its dry substance. Some tests conducted by the Cornell (New York) experiment station showed that two tons of horse manure exposed in a pile for five months lost 57 per cent. of its gross weight, 60 per cent. of its nitrogen, 47 per cent. of its phosphoric acid and 76 per cent. of its potash. Eight tons of cow manure exposed for the same length of time in a compact pile lost, through leaching and dissipation of gases, 49 per cent. in gross weight, 41 per cent. of its nitrogen, 19 per cent.



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of its phosphoric acid and 8 per cent. of its potash.

Here was a waste veritably, yet no greater than is to be found in much common farm practice. What would it reduce to in dollars and cents?

Sweet Corn.—At the Ottawa Winter Fair, Mr. A. D. Harkness of Irenas, advocated the growing of Stowells Evergreen Sweet Corn as a fodder

crop for dairy cows. In his section of Eastern Ontario this corn ripens four years out of five. If planted by May 24th it will ripen almost any year. The cattle enjoy it and eat the stalks up clean, there being no waste. It is also good for table use. Mr. Harkness has found that his cattle leave the ordinary varieties of corn to eat this sweet corn. He uses it in the fall until his silage cools down in the silo.

WILL YOU REQUIRE SEED CORN THIS YEAR?

Yes, but where will you get it? Will you again be content to plant corn taken from a carload of shelled corn that in all probability has been brought into your town for feeding purposes? Hundreds of dairymen have in past years suffered untold loss through having planted just such corn. In order that sad experience with which so many have met in the past—that of having secured seed corn that will not grow—Farm and Dairy has secured a quantity of seed corn that is guaranteed. It is from a reliable and well-known source in the corn belt of Essex Co., Ont. This seed will be delivered on the cob if requested. Seed corn of the following varieties is available:

KING PHILIP (FLINT), EARLY LEEMING WHITE CAP YELLOW DENT, NORTH DAKOTA

Farm and Dairy offers any one of these varieties as follows:
Two Bushels for Four New Subscriptions to Farm and Dairy; One Bushel for Two New Subscriptions (Subscriptions to be taken at \$1.00 each). The corn will be delivered f.o.b. at the grower's station in Essex County, Ont.

For the silo, corn of strong germinability and vitality should be planted about 10 quarts to the acre, hence you would only need to get four new subscriptions to Farm and Dairy to get enough seed corn for six acres—enough to fill the average silo. This great offer means much to you, as a corn grower. It means that you can secure reliable seed corn, which will insure all for the little trouble of canvassing your friends.

If you will grow corn during 1910 in advance of the seed of this offer, don't put it off until to-morrow. Take this matter up now. Show Farm and Dairy to your friends. Tell them of its many bright features, its practical articles, its special magazine numbers, its illustrated supplements and of the special articles from prize winning farmers that will be featured during 1910. They are sure to subscribe. Name the variety of corn that you want, whether on the cob or shelled, and send in your subscriptions at the earliest possible date to

Circulation Dept., FARM AND DAIRY, PETERBORO, ONT.