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STANDARD RELIANCE MORTGAGE CORPORATION

Head Office, 82-88 King St. E. Toronto.

TRADE MARK
Wilkinson Climax B
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Ensilage and
Straw Cutter

Our "B" machine, built especially for the farmer. A combination machine—it will cut and deliver green corn into the highest silo or dry straw or hay into the mow. 12-inch throat, rolls raise 6 inches and set close to knives—solid, compact cutting surface. Can change cut without stopping. Can be reversed instantly. Direct powermatic delivery. Knife wheel carries fan. No loading, everting cut, wheel always in balance. Best fan case.

Made in two sizes—mounted or unmounted. We also make larger type machines for custom work. Ask your dealer about cut wire knives machine and write us for new catalogue showing all styles.

THE BATEMAN-WILKINSON CO.,
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SQUARE FOOT

A carload and more to be sold at this low price. Takes place of both lath and plaster. Anybody can put it on. Write for free sample.

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Lowest price on record. Genuine Asphalt Roofing—top per cent saturation in full rolls of 1000 square feet, complete with nails and cement.

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THE

Wonderful Automatic Combination Tool

18 COMPLETE TOOLS IN ONE

Every Farmer, Dairyman, Teamster, Liveryman, Thresher, Contractor, Lumberman, Mechanic, Mills, Mines, etc., cannot afford to be without one of these remarkable tools.

SOME OF ITS USES. Single wire stretcher, woven wire stretcher, cherry wire mender, lifting jack, post puller, press for cider wire or lard, wheel repairer, vise, clamp, wrenches (all sizes), cable mender, hoist, slinger, moving buildings, machinery, etc.

Our 52-page Catalogue tells all about this wonder. It will be sent free upon request. Write for one to-day.

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Against Death From Any Cause

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The strongest and the only British Company transacting Live Stock Insurance in Canada.

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PETERSBORO BRANCH:

W. H. Hill's General Insurance Agency, Corner Hunter and Water Streets

We specially invite the Live Stockmen of this district to visit us during the Petersboro Fair, Sept. 17, 18, 19, and arrange to have us carry the risk on their stock.

In the Root Field

(Continued from page 4)

harrowing early in spring I prevented evaporation to a very great extent, and there was sufficient moisture in the ground at seeding time to ensure perfect germination of the seed. The roots got a good start, and after seeding I created good surface aucth with the aid of a harrow."

"Do you mean to say that you actually harrowed the roots after seeding?"

"Why, certainly. I not only harrowed them immediately after seeding, but I also gave them two strokes of the harrow across the rows before thinning. You can see the result on the swedes which have not yet been singled out to their proper distance. I use plenty of seed in order to get a good catch, and under favorable conditions there are, of course, far too many plants. However, the harrows have done their work thinning is mere play."

"Well, judging from the results there must be something in your method. And I almost believe that I will try it next year."

"All right, Bill, but don't forget to prepare and clean your land this fall by double plowing and repeated working between the two plowings."

—Journal of Agriculture.

Packing Fruit for Exhibition and Market

(Continued from page 5)

pulling the apples tighter towards the centre of each layer, is sufficient to give the necessary bulge in wrapped fruit. By packing close in the centre you close the pockets between the apples more, and the next layer will not go so deep down in, and therefore builds up the centre. The ends being left a little looser, the pockets will be opened a little more and the apples drop in further, and therefore do not build up so high. Practice alone will give the knowledge of just how tight to pack the centre or how loose to pack the ends.

Then unwrapped, of course, this difference in firmness cannot be made and the packer has therefore to take advantage of the small irregularities and differences in the sizes of the apples. The difference in size must not be so great as to attract attention. It is essential to bring the bulge of the first layer of fruit and to pack each layer with the same end in view, placing the slightly larger or higher apple in the centre rows of each layer.

The bulge should form an unbroken arch when the box is finished, so that the pressure of the lid will be equally distributed over the fruit. A bulge high in the centre and the rapping off to the sides will not be held firmly in place by the cover, causing the whole pack to become loose.

GRADING

Without good grading, rapid box-packing is impossible. To do good work and to do it rapidly, the packer must have before him an even run of apples in point of size and quality. In fact, packing, simplified, is simply grading and grading, then placing the fruit in the box so that it fits systematically and snugly. Unless the fruit is sized properly, it cannot be made to fit systematically.

STEMMING

To prevent the stem of the apple being bent over by the top and bottom of the box and puncturing the fruit, stemming is practised to some extent. Part of the stem is simply removed by small pinners especially made for the purpose. It is questionable whether stemming is practical in commercial box packing. In barrel packing, where the small percentage of the apples have to be stemmed, namely, the face layer, it is an economic operation. With boxes, however, two layers, the top end and the bottom end or half the apples in the box, are stemmed. For exhibition fruit

this may be permissible, but there seems to be a fairly general impression in Ontario that all such packed fruit should be stemmed. It would be far more economical to pack those varieties of apples that require stemming, say, calyx end up or on their side, for stemming must add considerably to the cost of packing. A wood packer will pack half a box in the time required to stem the fruit. This means an increase of practicable one-third in the cost of packing, which is far too big an expense to overlook.

Farmers Make Money by Careful Watering

Careful watering will make money for you by saving veterinary bills and feed, by increasing milk yields and by enabling you to fatten your stock quicker.

Cattle should never be driven out to a spring or trough on a bitter cold winter's day because they will not drink enough of the icy water to slake their thirst. It is hard on cattle to force them to take cold water just after feeding. Before digestion can commence the stomach must reach a temperature of 90 degrees. Cold water chills the stomach so much that digestion is set back over an hour.

"Careless watering makes money for me," says a well known Vet. of Wellington County, "and I know it. I try to advise farmers. I think water bowls are a good thing and I'd put them in if I had dairy cows or fat stock or if I was carrying young stockers over the winter."

"You see, to get the most milk from a cow, or to fatten a beast, you have to keep it in good condition. If you have the water bowls in the stable, the cattle can take a few sips when they want it. They get all they need, and it doesn't hurt them because it's at the right temperature. There is no body heat wasted, so less feed is required."

Send for illustrated booklet, "Your Money Back in 30 Days," which tells how one farmer made a water bowl outfit pay back its cost in less than three months. Also shows best methods of installing water bowls and gives some facts about the big BT Bowl. This booklet is free, if you direct and selling how many cows you have. Address Beatty Bros., Limited, 1463 Hill St., Ferguson, Ont.

Next time you are in any town ask Beatty Bros' agent to show you the big BT Bowl!

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If you have a good herd of cattle we will give you one term. A splendid farm of 200 acres, nearly all cultivated, including 1000 head of milk cows, 100 head of calves, 100 head of calves, 100 head of calves. Good roads. School opposite. Milk selling at two dollars per hundred. Short haul to city, very convenient. Located in the Niagara District. Would consider pure bred Holstein cattle in part exchange. Abundance of hay, oats and straw will be left on 'app'y

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