



Try the BISSELL in your orchard and see what a real orchard disc harrow will do. Stays right down to its work. Has a lever for each gang, so that one gang can be adjusted to cultivate more than the other when required. Attach wings and it extends over 12 feet wide. Reversible—In-throw to Out-throw. Call on local dealer or write Department N for Catalogue.

## The Bissell ORCHARD DISC

T. E. BISSELL CO.  
ELORA LIMITED ONT.

See advertisement of Bissell Garden Harrow on page 228.

### FOR SALE AND WANTED

READ BEZZO'S Import Bulb Advertisement on Page 199.

HARDWOOD ASHES—Best Fertilizer in use.—George Stevens, Peterborough, Ont.

PIPE FOR SALE—All sizes for steam, hot water heating, posts, green house construction work, etc., very cheap. Send for price list stating your needs.—Imperial Waste and Metal Co., 7 Queen Street, Montreal.

GINSENG SEED, 1910, for sale, from five-year plants free of blight. Supply limited.—N. Wilson, Vittoria, Ont.

CHARLES ERNEST WOOLVERTON, Landscape Gardener, Grimsby. Designs parks, house grounds, lawns, fruit and flower gardens, advises patrons on suitable fruit and flowering trees and shrubs either from forest or nursery, and furnishes gardeners to carry out his plans.

WANTED—Position as packing foreman for apple harvest. Experienced in Box and Barrel Packing. References if desired. Apply stating wages, etc., to Box B. Canadian Horticulturist, Peterborough, Ont.

### FARMS FOR SALE

NIAGARA DISTRICT FRUIT FARMS.—Before buying, it will pay you to consult me. I make a specialty of fruit and grain farms.—Melvin Gayman St. Catharines.

100 ACRES ADJOINING LIVE TOWN with Collegiate Institute, good shipping facilities, sixty-five acres apple orchard in splendid condition; soil well adapted to fruit growing; large house with furnace, bath and electric light, two good barns. Would subdivide into two parts if desired. Price, twenty thousand.—F. J. Watson, 1275 Queen W., Toronto.

ASK DAWSON. He knows.

IF YOU WANT to sell a farm consult me.

IF YOU WANT to buy a farm consult me.

I HAVE some of the best Fruit, Stock, Grain and Dairy Farms on my list at right prices.

H. W. DAWSON, Ninety Colborne Street, Toronto.

SALMON ARM, Shuswap Lake, B.C. has the finest fruit and dairy land in B.C. No irrigation necessary mild winters, moderate summers, no blizzards, or high winds; delightful climate; enormous yields of fruit, vegetables and hay; good fishing; fine boating amidst the most beautiful scenery, and the Salmon Arm fruit has realized 25 cents per box more than other fruit in B.C. Prices of land moderate, and terms to suit. Apply to F. C. Haydock, Salmon Arm, B.C.

IF YOU WOULD LIKE to purchase a site for a home and fruit farm on good, suitable soil situated in the most favorable and dependable climate in Canada, get Louth-Clinton Peach Area free information and ground floor prices for properties in the coming locality for most profitable fruit growing. Don't miss present bargains—forty thousand mansion and farm for only thirty thousand, a fifty acres for ten thousand; others large and small. Enquire about them. State what you want. W. H. Brand, Jordan Station, Ont.

said four marks which is used on the said package."

Material for Barrels.—The standard barrel must be large enough to contain at least 96 quarts of fruit. Smaller barrels should not be exhibited. The barrel in general use in Ontario has staves 30 inches in length. In Nova Scotia the staves are 28 inches long. The dimensions called for in a standard barrel of minimum size are: Between heads, 26½ inches wide, inside measurement; head diameter, 17 inches, inside measurement; middle diameter, 18½ inches, inside measurement. The barrel generally used in Ontario is 27½ inches between the heads, 17 inches in diameter at the head, and with a middle diameter at the bilge of 19½ inches. A good barrel should have sixteen staves and averaging 9-16 jointing, cut five to two inches and averaging four inches in width at the bilge, and be free from large knots or shakes. The head should not be less than one-half an inch in thickness, dressed clean and sound. The hoops should be about 1.3-8 inches in width and eight in number. The barrel should be new and clean.

Material for Boxes.—The box should be made of material strong enough to withstand handling in transportation. The heads or end pieces should be each of one piece of wood and not less than three-quarters of an inch thick. The sides also should be each of one piece and not less than three-eighths of an inch thick. The top and bottom boards may be one or two pieces, preferably two, but not more than one-quarter of an inch in thickness. They must be thin, so that they will bend readily when the box is closed. There should be two cleats each for the top and bottom. Dovetailed boxes are not desirable. The standard box must be used. This is 10 inches deep, 11 inches wide, and 20 inches long, inside measurement.

Pressing.—Apples are often over-pressed. If the barrel is racked well there need not be much pressing. The proportion of fruit that is injured by pressing will be evident when the barrel is opened. The less fruit that has been injured by pressing the better the barrel has been packed, provided, always, that the pressing given has been sufficient to secure the required firmness. Barrels loosely packed frequently show more injury to the fruit through shaking than barrels over-pressed.

Racking.—All barrels of apples should be racked when being packed, so that the fruit will settle, and the packer thus be able to tail his barrel so that the fruit will carry well. When the barrel is opened the fullness or slackness will indicate how well the fruit has been racked. Over-pressed fruit is usually found when apples have not been racked well.

Solidity.—This may also be expressed by the terms firmness and compactness. The more solid the pack the better the fruit will carry.

Tailing.—By tailing is meant the putting and placing of the last fruit into the barrel. All that is necessary in good tailing is to have the surface as level as possible with the stem end down when the apples are pressed. The care in tailing will be known when the barrel is open by the manner in which the fruit has been bruised when pressing.

### Items of Interest

The fourteenth annual convention of the Canadian Horticultural Association was held in Ottawa August 9 to 11. This association is composed of professional gardeners, flower growers and retail florists. The convention proved most successful, delegates

being present from numerous points throughout Ontario and Quebec and even from Winnipeg. Mr. John Connon of Hamilton, the president, presided. The following officers were elected: President, A. C. Wilshire, Montreal; first vice president, W. Muston, Davisville; second vice president, H. B. Cowan, Peterboro; secretary, J. Luck, Cote des Neiges, Que; treasurer, C. H. Janzen, Berlin, Ont.

The annual meeting of the Ontario Ginseng Growers' Association will be held in the Y.M.C.A. hall, 1087 Queen street West, Toronto, on September 6, at 10 a.m. It is expected that addresses will be delivered by Rev. D. E. Medd of Goderich, P. Menzies of Milton, W. Kilgour of Peterboro, J. Fayer of Galt, J. Nichols of Mono Mills and Chas. Leggatt of Kingsville. Growers of ginseng are invited to attend. The secretary is P. Wilson, 283 Evelyn avenue, Toronto.

It is reported in Nova Scotia that the 'Colonial Corporations, Limited,' a London and Montreal company, proposes to organize a subsidiary company to be known as 'The Nova Scotia Fruit Estates, Limited,' with a capital of one million dollars, for the purpose of acquiring fruit lands and engaging in the business of raising apples and other fruits, in Cornwallis Valley. It is stated that this company is now in communication with the shareholders of the Hillcrest Orchards, at Kentville and other property owners in the valley, for that purpose.

## A New Hydrangea

(Snowball Hydrangea—Hills of Snow)

The Hydrangea has always been a favorite garden shrub. We offer a new one which possesses, in addition to its well known qualities, the merit of *flowering all summer* and is *perfectly hardy*. Catalogue containing description of it and the best Trees, Shrubs and Hardy Plants free on request.

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## Barn Roofing

Fire, Lightning  
Rust and Storm Proof

Durable and  
Ornamental

Let us know the size of any roof you are thinking of covering and we will make you an interesting offer.

Metallic Roofing Co.

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TORONTO and WINNIPEG

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Agents wanted in some sections. Write for particulars.