



# CASTORIA

For Infants and Children.

## Mothers Know That Genuine Castoria

Always Bears the Signature of

*Dr. J. C. Hathorn*

## In Use For Over Thirty Years CASTORIA

Exact Copy of Wrapper.

THE CENTAUR COMPANY, NEW YORK CITY.

### ABOUT THE SEED DRILL

What is Considered to be the Most Efficient Type.

The Feeding Device is the Heart of the Drill—Seed Should Be Dropped Directly Under the Axle of the Disc—Give the Bearings Careful Inspection.

(Contributed by Ontario Department of Agriculture, Toronto.)

As the drill sows, so shall the farmer reap, is no fallacy. It is as true in its content as the maxim "As a man sows so shall he reap." Given the right kind of a grain drill, the seed is all planted at a uniform depth, evenly covered; the earth compacted just enough to retain the moisture around it. These conditions mean that the young plants will all come up at the same time, that the roots will be well protected, and that the grain will ripen uniformly. As the grain is planted, so will it grow and ripen. If some of the seed is planted too shallow, and some too deep, the seed that comes up first, ripens first. Thus it is that some of the grain is ready to harvest while other patches are still in the milk stage.

The feeding device is the heart of the grain drill. Upon its reliability depends the accuracy of sowing, the seed. The drill scale is computed for the average sized seeds, and therefore cannot always be depended upon when the size of them varies from the normal. If the grain is oversized or undersized the required amount per acre may be sown by getting the feed lever at a point slightly greater or slightly less than shown on the indicator. There are, in common use, two different forms of feeding devices. The fluted-cylinder-force feed, and the double-run-force feed. The amount of seed sown by the fluted-cylinder-force feed may be regulated by a lever which changes the size of the outlet, but it does not always handle all classes of seed without breaking them, as can be done with the double-run-force feed, which necessarily requires for driving it a disc wheel, or a cog wheel with from nine to fifteen sets of cogs that make as many speeds or feeds.

In the most efficient type of grain drills the seed should be deposited as nearly directly under the axle of the disc as possible, as this is the only place where the seed can be dropped directly on to the bottom of the trench without hindrance. By this method the disc is not run deeper than the seed is deposited, thus the draft is reduced to a minimum. If the seed is deposited in the rear of the centre of the axle, the rotation of the disc tends to carry earth and seed up with it, causing the seed to be unevenly deposited. In operation, a properly angled disc opens a trench about two inches wide. The falling seed strikes the concave side of the shield and the convex side of the disc, and is thus scattered evenly over the entire width of the trench.

Grain seed drills are divided into four kinds, according to the type of furrow-opener—the open delivery single disc, the double disc, the shoe, and the hoe drills. The open delivery single disc furrow opener deposits the seed between the shield and the convex side of the disc. The space is open from the end of the boot between the disc and shield to the bottom or lower end of the shield. The shield prevents the falling seed from becoming mixed with the loose earth and surface trash and insures its free passage to the bottom of the trench made by the disc. It will also do excellent work in highly cultivated soil that is free from trash.

The closed delivery single disc furrow opener has a closed boot, similar to a hoe furrow opener, which comes down at the rear edge of the disc and deposits the seed about two inches back of the disc. It does not plant the seed at as even a depth as either the open delivery single disc or the double disc, but deposits it at least eight inches in rear of the disc hub, and wherever it meets with an obstruction, rock or hard soil, the disc rises up and carries the boot with it, broadcasting the seed on the surface.

There are many styles of double discs, but the one that plants the seed under or slightly back of the disc axle, or hub, is the one to use, for that point is the deepest part of the furrow. The furrow opener that shoots the grain forward of this centre is to be avoided, for the reason that the seed reaches the ground before the furrow is fully formed, and it is, therefore, mixed with the soil as the seed trench is being made, causing what is termed "wavy" sowing. The double disc type of opener tends to spread out the seed more than other kinds, so that each seed has a somewhat greater area from which to draw moisture.

The hoe furrow opener or shovel opener does not penetrate the ground readily and clogs easier than any of the other types. The shoe opener does no better work, and rather than clog will run over trash and thus plant the seed at varying depths. In selecting a drill the bearings should be given careful inspection. They should be dust proof. The hard roller must be considered superior to all others for this kind of work, as the oil can be forced into the bearing from the centre, and as it works but it carries all the dirt with it. It should have a well-braced seed box with steel hopper bottom to allow the seed to pass freely into the cups; strong frame and substantial wheels are important features. The distance between the furrow opener varies to some extent but six inches is the usual spacing. The seed tubes may be of rubber or of steel ribbon. The rubber tubes give good satisfaction, but are not durable if exposed to the weather. The steel ribbon tubes serve the purpose well, and if painted will last as long as the drill.—Jno. Evans, O. A. College, Guelph.

The cold and blustering weather kept the farmers away from the market today and there was a small attendance.

### Girl's Dream of Fortune Hunt Rudely Shattered By Police of Atlanta, Ga.

ATLANTA, GA., March 20—Atlanta for a visit before going to San Francisco. She obtained apartments in a hotel here paying \$10 a day for her rooms.

When Mrs. Davis was passing through the lobby of the hotel she recognized the girl from the description sent out when the search was started. She stopped the girl and compelled her to go to Chief Beaver's office for a conference.

"I'm nineteen years old and I have my own money," said the girl "I think I should be allowed to live as I please. I have not done anything wrong. All I did was to earn money selling oil stock, now I'm going to the Pacific coast to go into the movies."

"They made it uncomfortable for me at home. My mother would not let me go to the drug store alone. Then they sent me to school and I didn't have any liberty."

"So I ran away and I've taken care of myself honestly, and I don't purpose to allow anyone to interfere with my life."

At the hotel in Atlanta the girl is said to have used an assumed name to escape detection, and also to have posed under a different name in St. Louis.

When the girl found that she was to be detained by the authorities she made a determined effort to get away. She attacked Chief Beavers and clawed and scratched and hit him until three officers, who were called in, carried her bodily from the room.

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### Party-Line Consideration

Two-party line is a single circuit, shared in common by two subscribers. It is not reserved for a single user and should be used on the share-and-share-alike basis.

On a two-party line it is impossible for both users to try to talk out on the same circuit at the same time. There is also the liability of both being wanted at the same time to receive incoming calls.

Therefore, there are special considerations which we urge a party-liner user to keep in mind:

1. Long conversations prevent the use of the line by the other subscriber, therefore party-line talks should be as brief as possible.
2. Whenever another party-line subscriber requests the use of the line for an emergency, courtesy should be prompt, the first user temporarily to give up the use of the line.
3. Whenever a party-line subscriber takes the receiver from the hook and finds the line in use, the receiver should be replaced at once in a careful manner.
4. At the end of a conversation the receiver should be replaced upon the hook immediately, otherwise the other subscriber cannot signal the central office.
5. Be sure always to give the operator the letters W or J in calling a party-line subscriber.

Co-operation is required to ensure good service of any kind.



## The Bell Telephone Company OF CANADA

### JOURNAL WANT ADS. PAY

#### NOTED CANADIAN TENOR

Edward Johnson, the great tenor of the Chicago Opera Company, has returned after a seven years' absence. Mr. Johnson is a Canadian—a native of Guelph, Ont. He sang in New York as a choir boy and later in comic opera and then went to Europe. His high-act—Vesti la Giubba (On with the Play) No. 64,840, his Victor record costing \$1.25, will delight every Canadian and may be had in the Victoria Parlors of Ye Olde Firm of Hatzman & Co., Limited, 68 St. Paul street, St. Catharines, Ont.

#### UNFIT TO LIVE—MUST DIE

The verdict rendered a thousand years when corns get sore. Do them with Putnam's Corn Extractor; it cures painlessly in twenty-four hours. Use Putnam's the only vegetable remedy known, price 25c. at all dealers.



Pain and expense are the two great fears of Dentistry that account for more ruined teeth than anything else.

These fears encourage neglect, and poor, indeed, will be the condition of your teeth if you neglect them. They MUST have watchful attention to prevent decay, and when decay is present, they must have proper treatment.

It is groundless fear to feel alarmed at the possibility of pain you must suffer or the cost you must pay for Dental treatment at our Offices.

The treatments are practically free from pain and the costs are astonishingly moderate.

Besides this—there is a free presentation and examination service which we extend to all who desire to know the condition of the teeth.

Fillings 50c up.

Very good Plates \$8.00.

**DR. ARTHUR B. COBB**  
Dentistry  
(Formerly known as "White Dental Offices", Dr. Cobb's Offices: Corner of Main and Eagle Streets Buffalo, N.Y.)  
Open until eight. No Sunday work

### Where You'll Find Fire Boxes

The latest revised list of the number and location of fire alarm boxes is given below. Residents are advised to clip the list and keep it for reference in case of fire:

- 3—Packard Electric Works, Race Street.
- 4—Central Fire Hall
- 5—Police Station, Park Street
- 6—Catharine and Edmund Sts.
- 7—Pelham Road and Chetwood Street
- 8—Brewery and St. Paul Sts.
- 9—North Hose Hall, St. Paul St. West
- 12—Yate and Trafalgar Streets
- 13—Yate and Ann Sts.
- 14—Church and Ontario Sts.
- 15—Queen and Duke Sts.
- 16—Welland Ave. at Lake Sts.
- 17—Ontario and Welland Ave.
- 18—Lock 2, Welland Vale
- 21—St. Paul and Geneva Sts.
- 23—Queenston and Calvin Sts.
- 24—Queenston and John Sts.
- 25—Thorold Road at Whitman & Barnes plant.
- 26—Queenston St. and Westchester Avenue
- 27—Queenston St. and Vine St.
- 28—Vint St. at Railroad Crossing
- 29—Page and Davidson Sts.
- 31—King and Academy Sts.
- 32—Church St. near Court St.
- 34—Welland Ave. and Court St.
- 35—Church and Geneva Sts.
- 36—Welland Ave. and Geneva Sts.
- 37—Welland Ave. and Niagara St
- 38—George and Derby Sts.
- 39—Lyman and Raymond Sts.
- 41—Niagara St. and Canal Bridge
- 42—Wiley St. and Russell Ave.
- 43—Geneva and Daotah Sts.
- 45—Russell Ave. and Rodman St.
- 46—George and Albert Sts.
- 47—Lake Ave. and Dufferin St.
- 48—York and Louisa Sts.
- 51—Ontario and McKinnon Dash
- 52—York St. and Lowell Ave.
- 53—Lake St. Fire Hall.
- 54—Thomas and Louisa Sts.
- 56—Henry and Elizabeth Sts.
- 57—Facer and Currie Sts.
- 61—Queen and King Sts.
- 62—St. Paul and Queen Sts.
- 63—Maple Leaf Milling Co's. Office, St. Paul St.

In case of a general alarm the city bell will ring as follows: 1—12—123—twice, followed by the number of the box from where the alarm is being rung.

HANGED BY THE NECK

No death is more certain than the end that comes to every offender treated by Putnam's Corn Extractor. Out comes the corn or warts, root and branch. Insist on "Putnam's" only, it's the best, free from acids and painless. Price 25c. at all dealers.

# Ford

## WE ARE Ford Dealers in this district and have formed an estimate of the number of cars we will require to meet the needs of this territory. We cannot get enough cars to fill that estimate because there are not enough cars being made to fill all dealers' estimates throughout Canada.

## The number of cars we can get depends upon the number of orders we send in and the early date at which we send them in, as the Ford Shipping Department follows the principle, "First Come, First Served."

## Cars ordered now will not be delivered until March, and deliveries will be uncertain throughout the year. If you do not want to wait for summer or autumn delivery, come in and reserve your car by signing an order today.

LINCOLN MOTORS - DEALERS - ST. CATHARINES

**BANK**

future by wages are

ings Company ST. CATHARINES

\$1,000,000.00

532,300.00

1,195,955.00

160,000.00

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**RMERS**

production if you

progressive farmers

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our local manager.

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OPPOSITE POST OFFICE

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This bank has now

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**PAPERS**

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