

Don't Sell the Young Calf
BLATCHFORD'S CALF MEAL
 & Will **Raise It Without Milk**



There's big money and little trouble for you in raising your calf the Blatchford way. You save all the milk of the cow for market. As soon as the mother cow's milk is ready to sell, the calf is ready for **BLATCHFORD'S CALF MEAL**. For over a century the Recognized Milk Food for Calves, at One-Fourth the Cost of Milk. Composed of eleven different ingredients carefully apportioned and thoroughly cooked, producing a scientifically balanced ration for the young calf. Successfully used on thousands of American farms for over 30 years.

The Only Milk Equal Made in an Exclusive Calf Meal Factory. Unlike any of the So-Called Calf Meals Made of Raw Cereal By-Products.

Write for Free Illustrated Book on "How to Raise Calves Cheaply and Successfully Without Milk."
BLATCHFORD'S CALF MEAL FACTORY
 Steele Briggs Seed Co., Ltd. Waukegan, Ill.

YOU NEED A FEED COOKER!



Strong, galvanized steel tank, sits right over fire. Cooks quickly. Easy on fuel. Three sizes. Write for catalog.
The Steel Trough and Machine Co., Ltd.
 Tweed, Ont.

JERSEY BULLS FOR SALE—I have three very choice registered Jersey bulls, from 6 to 10 months old, from imported sire, and from dams that are great producers. Prices very reasonable. Write: **CHAS. E. ROGERS, INGERSOLL, ONTARIO**

Allcroft Dairy & Stock Farm
 BEACONSFIELD, P.O., CANADA.

A FEW
 Pure-bred Ayrshire and
 Pure-bred French-Canadian
 Bulls for Sale
 Correspondence or visit solicited.
E. A. SHANAHAN, Secretary,
 Merchants Bank Building, Montreal, Canada

Quality AYRSHIRES Production
 Bred on particularly good lines. I have for sale females of all ages, and four young bulls, 8, 10, 12 and 18 months old; sired by Barcheskie Scotch Earl Imp. W. G. Hensman, R.R. No. 4, Essex, Ont. Essex Station, M. C. R.

Dungannon Ayrshires
 The average milk yield of our herd is 10,000 lbs. annually for all ages. High-class in breeding and individuality. Young bulls, cows and heifers for sale. **W. H. FURBER, COBOURG, ONT.**

Holstein-Friesian Association of Canada
 Application for registry, transfer and membership as well as requests for blank forms and all information regarding the farmer's most profitable cow, should be sent to the Secretary of the Association.
W. A. CLEMONS, St. George, Ontario

2 Yearling Holstein Bulls 2
 and several younger females, all ages; cows in R.O.P. and R.O.M. Will sell half interest or all of our old herd. Sire and show bull, "King Fayne Segis Clothilde," five years old.
R. M. HOLTBY
 Phone. R.R. No. 4, PORT PERRY, ONT.
 Manchester and Myrtle Stations.

Woodbine Holsteins
 Young bulls and bull calves, sired by Duke Beauty Pieterje; sire's dam's record 32.52 lbs. butter, and his two granddams are each 30-lb. cows, with 30-lb. daughter, with 30-lb. granddaughter. Three generations of 30-lb. cows. If you want a bull that will prove his value as a sire, write: **A. KENNEDY & SON, R.R. No. 2, Paris, Ont.** Stations: Ayr, C.P.R.; Paris, G.T.R.

Maple Grove Holsteins
 Do you know that Tidy Abbekirk is the only cow in the world that produced three sons who have each sired 30-lb. butter cows, and two daughters with records greater than her own. She was bred, reared and developed at Maple Grove. Do you want that blood to strengthen the transmitting power of your herd, at live and let live prices, then write: **H. BOLLERT**
 R.R. No. 1, VISTOCK, ONT.

The Maple Holstein Herd
 Graded by Prince Aaggie Mechthilde. Present offering: Bull calves born after Sept. 1st, 1913. All sired by Prince Aaggie Mechthilde and from Record of Merit dams. Prices reasonable.
R. R. No. 5 WALBURN RIVERS
 Ingersoll, Ont.

RIDGE DALE HOLSTEINS
 The herd is headed by King Segis Pontiac Duplicate, a 3/4 brother to King Segis Pontiac Alcarta, the \$50,000 bull. The junior herd bull is Pontiac Hengerveld Pieterje, we have a few young bulls and heifer for sale.
R. W. WALKER,
 Bell Phone. R.R. No. 4, Port Perry.
 Myrtle Station, C.P.R., Manchester G.T.R.

The Farmer's Telephone Service and How to Get It.

"In 1904 a few farmers banded themselves together and determined to connect their own homes and post-office town with telephone communications. After ten years' experience we have learned a great many new things, and among them a great many things that we should not do.

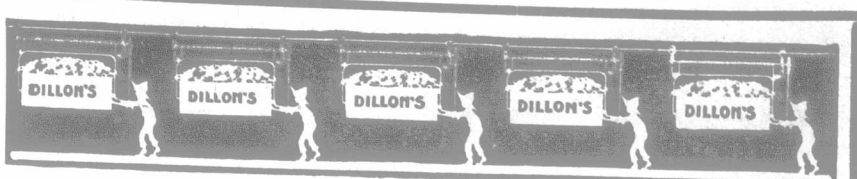
"First you should make a canvass of the roads along which you propose to build your lines, and see how many positive and also prospective subscribers you are likely to have, and in building your 'phone line be sure to provide equipment, in the way of poles and cross-arms, that will carry the business in the future. Our experience has been that when the service is once installed, practically every country home wants it, will have it, and can use it profitably.

"The first thing to do if you are expecting to have much of a company or many subscribers, is to incorporate your company under the laws of your State. Thus you limit your liability to the stock subscribed, and also are entitled to privileges on the highway and over private properties that you would not have if you were a private concern.

"Build your lines of good, standard material, such as is used by large companies, putting in well-seasoned cedar, chestnut, or locust poles, not less than twenty-five feet long, and with a top diameter of at least five inches. If the line is to be cross-armed, six-inch top is small enough. You can more profitably on a five-inch top pole carry three circuits, by bracketing each pair onto the poles, than by using a cross-arm. We now make a practice of never putting on a cross-arm, unless it is a ten-pin one or what is commonly known as a "five-pair cross-arm." You will also get better service by using what is called the "metallic circuit," than by using single wire or ground circuit. It pays to have the best lines possible. Avoid at all times, if possible at all, hitching to trees, as they are, on country lines, a source of uncalculated expense. The swaying of the tree breaks your connections and puts your lines out of business, thus necessitating often long trips for your linemen to hunt the trouble. Trouble on a telephone line in the country is more expensive than in the cities and towns, for your linemen have to travel miles, instead of blocks, to find where the break or trouble is. You will also have to contend, as we did, with the proposition of material for your lines. Formerly iron wire well galvanized, made on purpose for telephone business, known in the market as BB and EBB, was the best iron wire to buy. As to size, we find that No. 12 is best. To-day, however, you have the choice of a steel-centered wire with copper coating, which is cheaper than pure copper per mile, and gives very good service, resisting rust very nicely, and also having the steel or iron center, makes it very much more durable than a pure copper line. Strength in long country lines where very often you have to pass through timber, and also have to resist the ice and sleet weight, is an important factor, and it makes this wire the best to use.

"Now we have told you as to line construction and the formation of the company; the next most important thing is to get into a central point from which to operate your lines, preferably the city, town or village in which most of your people trade and do business. There are two ways for creating and operating a central. One is to go into the city or town and locate in some convenient building, equipping it with switchboard and operators. The other proposition, and I think the better one, is to make an interchangeable arrangement with the company that has the largest patronage in your town and county.

"We built our lines up to the borough limits, in each case coming in any street or road that is most convenient from the rural district, where the Bell Telephone Company, with whom we interchange service, came out and met us, with a pair of wires for every pair that we brought in. They carry us then into their own central, put us on their switchboard, and operate our lines the same as if they were all in the town. Thus our sub-



LITTER CARRIERS

DIRECT FROM FACTORY TO FARM

GOODS SATISFACTORY OR YOUR MONEY BACK

Litter Carrier.....	\$16.00	Removable Section.....	\$1.50
Feed Carrier.....	16.00	Hinge for Swing Pole.....	3.00
Steel Track, per foot.....	.10	Two-way Switch.....	3.00
Hangers, 5 ins. long, each.....	.07	Three-way Switch.....	4.00
" 10 " " ".....	.09	Floor Hooks, 1/2 in.....	.06
" 15 " " ".....	.11	Bracket Nails, per lb.....	.06
Hangers, adjustable, 5 ins., ea.....	.14	Cable for Guys, per ft.....	.03
" " 10 " ".....	.16	Track Couplings, each.....	.10
" " 15 " ".....	.18	Track Bumpers.....	.10
Brackets, each.....	.06		

FREIGHT PAID IN ONTARIO

R. Dillon & Son, Mill St., Oshawa

Also Stalls, Stanchions, Calf and Bull Pens, etc.

Brampton Jerseys

We are busy. Sales were never more abundant. Our cows on yearly test never did better. We have some bulls for sale from Record of Performance.

B. H. BULL & SON, BRAMPTON, ONTARIO.

STONEHOUSE AYRSHIRES

Are a combination of show yard and utility type seldom seen in any one herd. A few choice young males and females for sale. Write or 'phone your wants to Stonehouse before purchasing elsewhere.
Hector Gordon, Howick, Que.

Glenhurst Ayrshires ESTABLISHED OVER 50 YEARS AGO and ever since kept up to a high standard. We can supply females of all ages and young bulls, the result of a lifetime's intelligent breeding; 45 head to select from. Let me know your wants. Summerville Stn., Glengarry
James Benning, Williamstown, Ont.

Riverside Holsteins

Herd headed by KING JOHANNA PONTIAC KORNDYKE, a grandson of PONTIAC KORNDYKE, and a brother of PONTIAC LADY KORNDYKE, 48.02 lbs. butter in 7 days, 156.92 lbs. in 30 days—World's records when made.

J. W. Richardson : R.R. No. 2 : Caledonia, Ont.

SUMMER HILL FARM

Holstein Cattle and Yorkshire Hogs

We offer for sale a dozen bulls, some ready for service, from high official record dams. If you are wanting a bull; better write us and let us tell you how good they are. Can also spare a few good heifers. Yorkshire hogs all ages.

D. C. FLATT & SON

HAMILTON : Phone 7165 : R.R. No. 2 : ONTARIO

FAIRVIEW FARMS

Can furnish you a splendid young bull ready for immediate service, and sired by such bulls as PONTIAC KORNDYKE, the greatest producing sire of the breed, and also the sire of the greatest producing young sires of the breed; one of his sons already has six daughters with records above 30 pounds, RAG APPLE KORNDYKE 8TH, now heading our herd, and a few by a good son of PONTIAC KORNDYKE, and out of officially tested cows. Come and look them, and the greatest herd of Holsteins you ever saw, over, or write just what you want.

E. H. DOLLAR, Heuvelton, New York (Near Prescott, Ont.)

LAKEVIEW HOLSTEINS

Senior Herd bull—Count Hengerveld Fayne De Kol, a son of Pieterje Hengerveld's Count De Kol and Grace Fayne 2nd. Junior herd bull—Dutchland Colantha Sir Mona, a son of Colantha Johanna Lad and Mona Pauline De Kol. Third bull—King Canary Segis, whose sire is a son of King Segis Pontiac, and whose dam is 27-lb. three-year-old daughter of a 30-lb. cow. Write for further information to

E. F. OSLER, - - - BRONTE, ONT.

Holstein Cattle (Prince Hengerveld of the Pontiacs, herd sire).

Stock for sale. Large herd to select from.

HAMILTON FARMS - ST. CATHARINES, ONT.

PRIZEWINNING HOLSTEINS

Another win. For the past four years we have won on get of sire, which speaks for the quality along with constitution. Choice young bulls for sale, including 1st young bull at Ottawa and 2nd at Toronto, also young females. **M. L. HALEY, M. H. HALEY, Springfield, Oxford Co., Ont.**

SUNNY HILL HOLSTEINS

Herd sires, Pontiac Segis Avondale, grandson of King of the Pontiacs; 8 of his mature dams average over 30 lbs. butter in seven days. Pontiac Wayr. Korndyke whose dam, sire's dam and ten sisters of sire average over 31 lbs. in seven days. Bull calves for sale.
WM. A. RIFE : : : HESPELER ONT.

Mention The Advocate