

TRADE TOPICS.

For a capable man to work on farm, see advertisement on this page.

A MILK COOLER.—It is not necessary to enlarge upon the advantages of thorough cooling milk that is to be sent to a cheese factory. It is one of the chores that must be done, if the best is to be gotten out of the product. But farmers cannot waste valuable time cooling milk with a dipper, when the "Little Giant" does it much better. Pays for itself in saving time, as well as saving milk. One farmer writes: "My cheese-maker knows at once when I use my aerator. I have no difficulty in keeping my Saturday night's milk sweet now. The aerator has more than paid for itself." After testing for two weeks at the Strathroy dairy school, Prof. Barr writes: "I have examined the milk cooler and aerator while working, and the currents in the milk were quite pronounced. Such agitation would be quite beneficial. The mechanism is simple and easily adjusted to any can." See illustration and price quotation in the advertising columns of this issue.

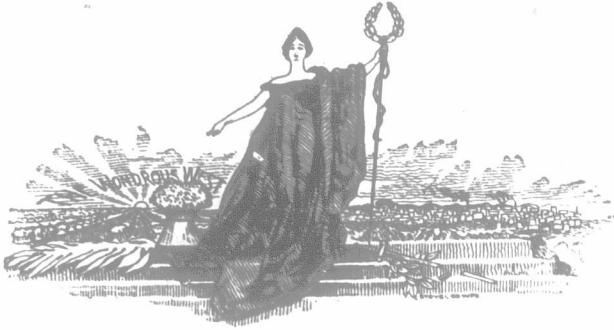
GOSSIP.

Mr. H. H. Colister, who has been Mr. J. B. Hogate's (Sarnia) travelling salesman for past three years, has severed his connection with the Sarnia firm. Mr. Colister is a young man who has proved himself an exceptionally clever salesman, having syndicated eight heavy-draft stallions since November last.

THE ANNANDALE HOLSTEINS.

The fine herd of nearly one hundred head of high-class Holstein cattle, property of Mr. Geo. Rice, at Annandale Stock Farm, Tilsonburg, Ont., was recently seen by a "Farmer's Advocate" man, looking fresh and fit in the pastures of the 500-acre farm and in the splendid stables of the estate of the late E. D. Tillson, where that enterprising gentleman did such excellent work in developing the dairy business and the dairy cow. Here Mr. Rice, who has made for himself and his herd such an enviable reputation by the performances of his cows in public milking tests and in inspection competitions at leading national and international exhibitions, finds a wider field for the exercise of his undoubted genius and talent as an intelligent breeder and up-to-date dairyman. The phenomenal public records of his great cow, Calamity Jane, still working, stand among the highest in the annals of dairy show tests on this continent, while his Isoco Pride, the champion female of her breed at the Pan-American, in competition with the crack cows of America, as a model in conformation and udder development, won the admiration and aroused the enthusiasm of all dairy-men and breeders who had the pleasure of seeing her. In the herd to-day are daughters and granddaughters of these great cows, sired by bulls bred from tested cows holding high-marked records as milk and butter producers, and tracing in many lines of ancestry to cows of similar characteristics, there being some sixty breeding cows in the herd, many of which are in the Advanced Registry, with young stock of various ages coming on, including a number of excellent young bulls, mostly the progeny of that richly-bred sire, Sir Pietertje Posch, son of Alta Posch, who boasts a record of 27 lbs. butter in seven days, and her dam a record of 146 lbs. 8 ozs. in a public test in two days, her milk testing 4.3 to 4.8 per cent. fat. Among the sires at present in service are Count Calamity Posch, son of the great Calamity Jane, record 25 lbs. butter in seven days, and Brookbank Butter Baron, whose dam, Lady Wayne Norine, has a record of 22 lbs. in seven days, her milk testing 4.68 per cent. butter-fat, and her sire's dam, a record of 21 lbs. at four years old, her milk showing an average of 4.37 per cent. fat. With such sires to breed to such cows as are found here, the future success of the Annandale herd is practically assured, and with the facilities here afforded for handling a large herd, there is little risk in indulging great expectations of Mr. Rice's undertaking, while the accessibility of the place from a business standpoint is such as few breeding establishments enjoy, Tilsonburg being on the Wabash, G. T. R. and T. L. E. & P. railways, with a branch of the C. P. R. from Ingersoll.

DOMINION OF CANADA Industrial Exhibition JULY 25th to AUGUST 6th, 1904.



\$100,000 in Prizes and Attractions.

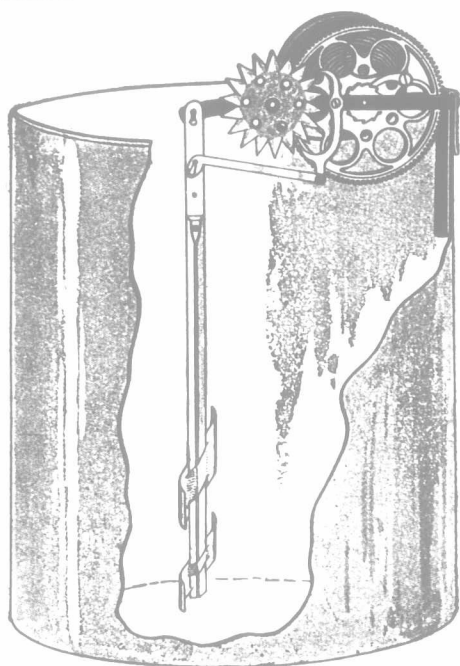
SPECIAL EXCURSIONS ON ALL LINES OF TRAVEL.
THE BEST HOLIDAY OUTING OF THE YEAR.
UNPARALLELED ATTRACTIONS. ELEVEN DAYS' RACING.

A GRAND NATIONAL DISPLAY OF
Canada's Best Products in Arts, Manufactures, Live Stock and Agriculture.

For all information, prize lists, entry forms, etc., address

J. T. GORDON, M. P. P., Pres. F. W. HEUBACH, Gen. Mgr.

WINNIPEG.



THE LITTLE GIANT Milk Cooler and Aerator

Endorsed by all the Leading Dairymen,
Dairy Instructors and Professors. . .

You wind up the spring that sets the paddle in motion and it cools the milk while you sleep. No more sour milk sent back from the factory.
Send for a machine at once. Cost, with brass gears, \$5.00. Send cash with order or have it sent C.O.D.
Active agents wanted in all localities. One agent says he can sell 500 in his county.
Testimonials and full description on application.

MANUFACTURED AND SOLD BY
THOS. RAMSAY
THORNDALE, - - - ONT.

Without a Blemish.



Is your complexion spotted? If not, consult us. Is your hair turning grey, getting faded, falling out, or your scalp getting dandruff? Get our advice. Are your cheeks hollow, your neck and chest thin and undeveloped. Write us about our home treatment.

ment. Have you
SUPERFLUOUS HAIR OR MOLES?
Come to us and have them removed forever by Electrolysis. Satisfaction guaranteed. Send 10 cents for book and sample of cream. Consultation free.
GRAHAM DERMATOLOGICAL INSTITUTE,
Dept. F., 502 Church St., Toronto.
Established 1892.

PARIS IMPLEMENTS
ARE USED BY
CANADA'S MOST PROGRESSIVE FARMERS.

GLENGARRY FARM
Situate 12 miles from the beautiful city of Victoria, capital of British Columbia comprising 250 acres most desirable property, being well adapted for mixed farming or stock-raising. Good soil, level land, well fenced, good buildings, with 1/2 mile of delightful water front and beach on the beautiful water of Perry Bay. It is an ideal place for a home. Boating and fishing, with an abundance of game. Excellent Government roads. Price \$18,000. A. Williams & Co., Ltd., 104 Yates Street, Victoria, B.C.

STAMMERERS

THE ARNOTT INSTITUTE, BERLIN, CANADA, for the treatment of all forms of SPEECH DEFECTS. Dr. W. J. Arnott, Superintendent. We treat the cause, not simply the habit, and therefore produce natural speech. om Write for particulars.

WANTED BY CAPABLE MAN, work on farm. State wages. 99 Durocher St., Montreal.

Advertise in the Advocate

ADVOCATE ADVTs. PAY.

QUESTIONS AND ANSWERS.

1st.—Questions asked by bona-fide subscribers to the "Farmer's Advocate" are answered in this department free.

2nd.—Questions should be clearly stated and plainly written, on one side of the paper only, and must be accompanied by the full name and address of the writer.

3rd.—In veterinary questions, the symptoms especially must be fully and clearly stated, otherwise satisfactory replies cannot be given.

4th.—When a reply by mail is required to urgent veterinary or legal enquiries, \$1 must be enclosed.

Veterinary.

MAMMITIS IN SOW.

Sometimes after farrowing, a sow's whole abdomen seems caked. Is this milk fever, and how should it be treated? Some have effected a cure by applying melted lard as hot as is safe.

R. K.

Ans.—This is not milk fever. It is mammitis, or inflammation of the mammary glands. Bathe long and often with hot water, and after bathing rub well with camphorated oil. Do not feed heavily, until the inflammation is allayed.

V.

AFFLICTED HEIFER.

Heifer, three years old, has a cough, which I first noticed early last winter. Since warm weather came, she makes a snuffing noise through nostrils, and her breath is short. She calved last February, and though she has been served several times, is not again in calf. She is not thin, and gives plenty milk. What is wrong, and what is to be done?

A. C.

Ans.—The cold set up inflammation in some part of her respiratory tract, probably the nostrils, which gave rise to enlargement. This did not disappear with the cough, but interferes with her breathing. It would require an operation to remedy it. Her failing to breed is another ailment. If a change of bull is not successful, the passage to the womb may be opened with the hand while in heat, and the animal served immediately afterwards. Better have a veterinarian examine the nostril and prepare for breeding at one visit.

\$30.00 to Colorado and Return

Via Chicago, Union Pacific & North-Western Line. Chicago to Denver, Colorado Springs, and Pueblo, daily throughout the summer. Correspondingly low rates from all points east. Only one night to Denver from Chicago. Two fast trains daily. B. H. Bennett, 2 East King St., Toronto, Ont.

GOSSIP.

During the ten days from June 24th to July 4th, official records of forty-four Holstein-Friesian cows have been received and approved. Forty-two made seven-day records. Eight full-age cows averaged, age 6 years 10 months 20 days; days from calving to commencement of record, 46; milk, 473.8 lbs.; fat, 15.223 lbs. Six four-year-olds averaged, age, 4 years 4 months 8 days; days from calving to commencement of record, 38; milk, 393.3 lbs.; fat, 12.192. Eleven three-year-olds averaged, age, 3 years 4 months 8 days; days from calving to commencement of record, 45; milk, 386.8 lbs.; fat, 12.698 lbs. Eighteen two-year-olds averaged, age, 2 years 2 months 2 days; days from calving to commencement of record, 49; milk, 321.7 lbs.; fat, 10.150. Eight cows made fourteen-day records; two cows made twenty-one-day records; three made thirty-day records and one a forty-two-day record. The latter was 3 years 5 months and 10 days old at time of calving. She produced 3,177.3 lbs. milk, containing 108.124 lbs. fat. Her best seven-day record was 573.2 lbs. milk, containing 19.461 lbs. fat, and for thirty consecutive days she produced 2,362.8 lbs. milk, containing 78.289 lbs. fat. A heifer 2 years 7 months 11 days old at date of calving produced in thirty days 1,730 lbs. milk, containing 62.470 lbs. fat. The average quality of her milk was 3.61 per cent. fat. Another heifer under three years old at date of calving produced 1,612.8 lbs. milk in thirty days, containing 57.970 lbs. fat. The quality of her milk was 3.59 per cent. fat. A third heifer, dropping her first calf at 2 years 3 days old, produced in twenty-one days 923.2 lbs. milk, containing 33.734 lbs. fat. The average quality of her milk was 3.66 per cent. fat.—S. Hoxie, Supt. of Advanced Registry.

In answering any advertisement on this page, kindly mention the FARMER'S ADVOCATE