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Traction
Marine
Engines.



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what you need.

and we debited the account under this item with \$15, engine oil, \$2; total, \$36.80, or \$24c. per 100 bus. The previous year, 1903, steam-threshing account for about the same quantity, including extra labor, amounted to \$169, or \$3.75 per 100 bus., wear, tear and renewals not taken into account, which the writer considers nominal."

The engine used was a McLACHLAN 10-horse power, manufactured by
THE McLACHLAN GASOLINE ENGINE CO., LIMITED,
TORONTO, ONT.
Mail Address, 1500 King St. W. Office and Factory, Lakeshore Road



Galt Sure Grip Shingles

cannot be dislodged by the fiercest gale that ever swept the "Hurricane Deck" of a Prince's Palace or a Cottager's Home.

Ripened experience of the rigors of this northern climate has passed judgment on the wooden shingle of yesterday. The shingle of the Twentieth Century must be better than wood—it must be metal, and metal only.

GALT SURE-GRIP shingles last a life time, and they're absolutely wind, storm, rain and fire proof.

The Classic Kids will tell you all about them.

GALT ART METAL CO., Limited, GALT, ONT.

DON'T WAIT BE UP-TO-DATE

And buy some choice young Jerseys. Two bulls and a number of A No. 1 cows and heifers from great milkers. Also collie pups.
W. W. EVERITT, Dun-edin Park Farm
Box 552, Chatham, Ont.

Brampton Jersey Herd—We have now for immediate sale ten Bulls, from 6 to 18 months old, descended from St. Lambert or imported stock; also females of all ages. In order to reduce our stock, we are making a special offer. For full particulars, address,
B. H. BULL & SON,
Brampton, Ont.
Phone 68.

BARREN COW CURE
makes any animal under 10 years old breed, or refund money. Given in feed twice a day. Particulars from
L. F. SELLECK, Morrisburg, Ont.

We want you to remember that HOLSTEIN COWS

owned by me (formerly at Brookbank Stock Farm, Currie's) won all sorts of honors in milk tests at Toronto, Ottawa and Guelph (5 years), and among many other prizes in the show-ring, including sweepstakes at Toronto and Pan-American in competition with the best in the world. Our herd is always improving. We have now 5 cows whose official test average 22 1/2 lbs. butter in 7 days, 10 cows whose official test average 20.4 lbs. butter in 7 days, 15 (3 yrs and up) whose official test average 19.6 lbs. butter in 7 days, 10 (3 and 4 yrs.) whose official test average 17 lbs. butter in 7 days, 10 heifers (average age 26 mos.) whose official test average 11 lbs. butter in 7 days. That is our idea of a dairy herd, and the kind of stock I handle. A few good young bulls, 1 to 13 mos., for sale.

GEO. RICE,
Annandale Stock Farm, Tilsonburg, Ont.

High-class Registered Holsteins. Young stock of either sex for sale. Prices reasonable. Apply to:
THOS. CARLAW & SON,
Campbellford Stn. o Warkworth P.O.

Hilton Stock Farm Holsteins, Cotswolds and Tamworths. Present offering: One young bull. A few young boars. One good one fit for service. At very reasonable prices if taken soon. For particulars write to
R. O. MORROW, Hilton P.O., Brighton Tel. & Stn.

Lyndale Holsteins

Over 50 head to choose from. A number of young cows and heifers for sale. Six young bulls from 8 to 11 months old.

BROWN BROS., Lyn, Ont.

WOODBINE HOLSTEINS

Herd headed by Sir Mechthilde Posch, absolutely the best official backed sire in Canada. Dam Janthe Jewel Mechthilde, 25.8 pounds butter in seven days. Champion cow of Canada overall breeds. Sire's dam, Aaltje Posch 4th, holds the world's largest two-day public test record—8.6 pounds butter. Young bulls of the choicest quality for sale.
Ayr, C. P. R. A. Kennedy, Ayr, Ont.

J. A. CASKEY Madoc, Ontario.

BULL CALVES

FOR SALE, sired by Count Echo De Kol, a sire of Record of Merit cows, and out of excellent dams.

Maple Grove Holsteins—In official tests they for 3-year-old, 1st 2-year-old and 1st under 2 years old. Special inducements are offered in high-class bulls to quick purchasers. For particulars address,
H. BOLLERT, Cassel, Ont.

IMPERIAL STOCK FARM HOLSTEINS.
For Sale: Four bull calves, 5 months old, whose sire's three nearest dams average 21.79 lbs. of butter in 7 days. Also young bulls by the sire of first-prize herd at London.
W. H. SIMMONS, New Durham, Ont.

Maple Park Farm HOLSTEINS of the choicest strains. Home-bred Albino Paul De Kol and Schulling Sir Posch's stock bulls.
S. MACLEIN, Prop., Streetsville, Ont.

Maple Glen Holsteins—Select bull calves from producing dams now for sale. Herd now includes one of the best females ever imported from Holland, a cow bred to Canary Mercedes' Fon, and one to Mercedes Julia Pieterje Paul. Secure the best
C. J. GILROY & SON, Glen Ruell, Ont.

Shropshires—Try me for Shropshires this season. Highest honors awarded at Winter Fair, Guelph, 1904, on live and dressed sheep.
ABRAM RUDELL, Hespeler P.O., Ont.

QUESTIONS AND ANSWERS. Miscellaneous.

HOW TO DESTROY ANTS—HORSES GNAWING BARK ON SHADE TREES.

1. What can be done to destroy ant hills or nests? Have several around house. This spring, they are working in garden.

2. Have a row of willow and maple trees (three to four inches in diameter) in flats for shade trees. Last summer, horses began to gnaw the bark, and would pull off pieces several feet long. Can anything be applied to prevent it?

S. H.

Ans.—1. Pour lye or boiling hot water into the nests, or place in the hill a small cloth saturated with carbon bisulphide; cover the hill with an old blanket, and the fumes of the bisulphide, penetrating the chambers of the nest, will kill the ants.

2. We know of nothing cheap enough to be practicable. Keep the horses out of the field a year or two, or protect the trees by a fence.

WHERE TO GET DRINKING WATER ANALYZED—CONCEALED BISTOURY.

1. Could I get samples of drinking water analyzed free by a Government analyst?

2. If so, where and how should it be sent?

3. Would it be advisable to use a test bistoury for hard milkers?

4. Where could one be purchased in Canada with directions for use?

SUBSCRIBER.

Ans.—1 and 2. Yes; for directions as to taking and forwarding sample write Prof. Frank T. Shutt, Chemist, Central Experimental Farm, Ottawa.

3. No; the use of a bistoury is attended with risk of injury. A better plan that has been recommended is to take a little piece of Elm wood and whittle it down smooth and round, leaving one end slightly knob-shaped, so that when the plug is inserted in the cow's teat the knob will prevent it slipping out. Have the plug just long enough that the lower end may be grasped with the fingers and pulled out. Insert one plug in each teat after milking, and the swelling of the plug gradually dilates the opening of the teat.

4. You should be able to order one through your druggist.

DANDELIONS IN LAWN—YIELD OF PERMANENT PASTURE AS COMPARED WITH CLOVER AND TIMOTHY.

1. We have about four acres of lawn land. Can we kill dandelions on it? We have found spudding no use.

2. How much more pasture per acre will permanent pasture seeding give than seeding to clover and timothy?

SUBSCRIBER.

Ans.—1. Efforts should be directed towards keeping the dandelions from going to seed, and towards crowding them out by invigorating the grass. During the blossoming season, mow the lawn rather frequently, especially in the morning, when the heads stand up stiffest, and when more of them will be cut off by the mower than if the work were done in the evening. Early next spring apply a good dressing of lawn fertilizer. This you can buy ready mixed, or you might mix it yourself, using 100 lbs. nitrate of soda and a couple cwt. each of ashes and bone meal. Fifty pounds more of nitrate should be added a few weeks after the first application. Nitrate is very soluble and leaches readily, so that it is most economically applied frequently and in small quantities. It might be well to repeat the fertilizing the following spring, using about half the quantity.

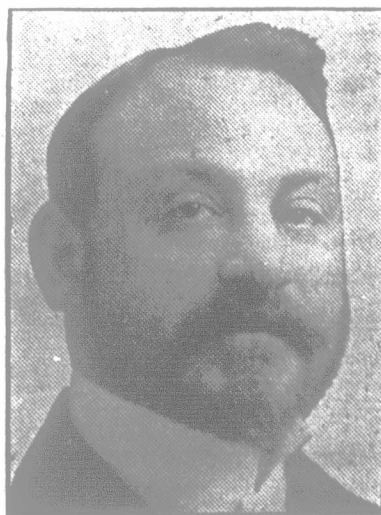
2. It depends upon what mixture is referred to, what is the nature of the soil, etc. We believe, though, from experiments conducted and from our own experience, that a good hardy pasture mixture, such as the one recommended by Prof. Zavitz, when well established will yield more feed per acre than timothy or clover, will produce more continuously throughout the season, will stand pasturing a great deal better from year to year, and will afford a more acceptable forage than timothy and clover only. While unable to quote satisfactory figures, we believe a piece of land well laid down to a judicious mixture of grasses and clovers would be worth almost fifty per cent. more for pasture than a similar area in timothy and red clover, and with proper care it will last for many years.

MAKES MEN SOUND AND STRONG

Detroit Specialist Making Men's Diseases a Specialty for Years, Will Accept Your Case, Giving It Individual Treatment. You may Use It in the Privacy of Your Own Home.

You May Pay When You are Cured.

A Detroit Specialist who has 14 diplomas and certificates from medical colleges and state boards of medical examiners, and who has a vast experience in doctoring diseases of men, is positive he can cure a great many so called incurable cases:



DR. S. GOLDBERG.

The possessor of 14 diplomas and certificates, who wants no money that he does not earn.

In order to convince patients that he has the ability to do as he says, Dr. Goldberg will accept your case for treatment, and you need not pay one penny until a complete cure has been made; he wants to hear from patients who have been unable to get cured, as he guarantees a positive cure for all chronic, nervous, blood and skin diseases, which he accepts for treatment. He not only cures the condition itself, but likewise all the complications, such as rheumatism, bladder or kidney troubles, blood poison, stomach trouble, etc.

The doctor realizes that it is one thing to make claims and another thing to back them up; so he has made it a rule not to ask for money unless he cures you, and when you are cured, he feels sure that you will willingly pay him a small fee. It seems, therefore, that it is to the best interests of everyone who suffers to write the doctor confidentially and lay your case before him, which will receive careful attention, and a correct diagnosis of your case will be made free of charge; if you have lost faith write him, as you have everything to gain and nothing to lose; you must remember not one penny need be paid until you are cured. All medicines for patients are prepared in his own laboratory to meet the requirements of each individual case. He will send a booklet on the subject, which contains the 14 diplomas and certificates, entirely free. Address him simply Dr. S. Goldberg, 208 Woodward Ave., Room 135, Detroit, Michigan. Medicines for Canadian patients sent from Windsor, Ont., consequently there is no duty to be paid.

WOOL

E. T. CARTER & CO., Toronto.

DORSET HORN SHEEP and SCOTCH SHORTHORNS

The latter representing the Nonpareil, Miss Ramsden, Missie and Gloucester families exclusively, and the former comprising more Royal winners and more St. Louis prizewinners than any other flock in the world. Stock for sale always on hand.

John A. McMillivray, North Toronto, Ont.

FAIRVIEW SHROPSHIRE

Have retired from showing at fall fairs. But show sheep are up fitting. **FOR SALE.** For 22 years won more firsts than all competitors. At St. Louis won more than any three flocks. At last International won 9 of 14 firsts offered. Including champion ram and reserve to same. All making the greatest winnings on record. Have now the best breeding stock ever offered. Who wants good ones to strengthen their flocks?

JOHN CAMPBELL,
Fairview Farm, o Woodville, Ontario

"BROAD LEA OXFORDS"

Present offerings are: Ram and ewe lambs out of imported ram. One imported three-year-old ram, which has proved to be an excellent sire, and which I have used myself for the last two seasons. Also a few choice Yorkshire pigs of good bacon type.

W. H. ARKELL, Teeswater, Ont.

R. R. Stns.—Mildmay, G. T. R.; Teeswater, C. P. R.

Oxford Down Sheep, Shorthorn Cattle, Yorkshire Hogs.

Present offering: Lambs of either sex. For prices, etc., write to **JOHN COUSINS & SONS,** Buga Vista Farm, o Harrison, Ont.

We are Importing Shropshires

If you want any sheep brought out, write us. **LLOYD-JONES BROS., Burford, Ont.**

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