

Do you know you can buy Red Rose Tea at the same price as other teas? Then, why not?

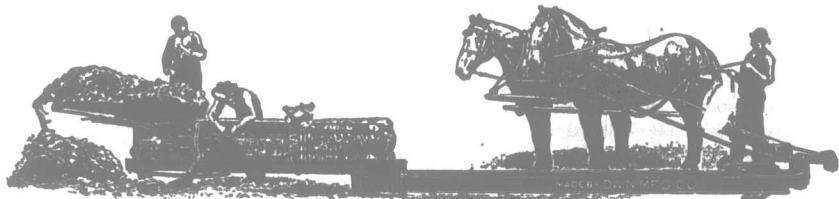
Red Rose Tea

"is good tea"

Prices—25, 30, 35, 40, 50 and 60 cts. per lb. in lead packets

T. H. ESTABROOKS, ST. JOHN, N. B. WINNIPEG.
TORONTO, 8 WELLINGTON ST., E.

WHAT THEY SAY OF US



We are constantly telling the people what our Hay Press will do for them. We have just received a letter which goes to prove that what we say is the truth in every way:

Nairn Centre, Oct. 9th, 1906.

The Dain Manufacturing Co., Preston, Ont.:

Gentlemen,—Enclosed please find \$100, to be applied on payment of Hay Press, and I will remit balance in a few days. I have been disappointed in getting money, so have been delayed in remitting. In regard to the press, as a hay baler, I am highly pleased with it. The press can easily do all you claim, and then is so easy on the horses. Two horses can run your press easier than three could run a press that I hired to press my hay. The men pressed 101 bales in 44 hours with your press that would weigh from 140 to 150 lbs. each, and I consider that very good work. Yours respectfully,

R. FENSOM.

That ought to satisfy most people. That ought to go to show that we have what we claim—a better machine than any other. Write to Mr. Fensom if you care to. We never saw him, but feel sure that he will tell you the truth.

Our press may cost a little more money, but when satisfaction is guaranteed and is obtained, \$50 is neither here nor there. Get away from the cheap-machine idea. Get into the high-quality class and do business with us.

We have the original pull-power press. We are the inventors of it. The others are spurious and cheap imitations.

Get the original, and don't be put off by anyone. Catalogue for the asking.

DAIN MANUFACTURING CO., PRESTON, ONT.
THE FAIRCHILD COMPANY, Winnipeg, Man.

Men Wanted

to advertise and introduce our stock and poultry compounds to farmers and dealers. Work during spare time or permanently. This is an exceptional opening for a hustler. Write for particulars. **GOLDEN CREST CO., 48 BATHURST STREET, LONDON, CANADA.**

BROXWOOD HEREFORDS.

A few choice bull calves from my imported stock.

R. J. PENHALL, NOBER P. O., ONT.

FOREST VIEW FARM HEREFORDS
Four bulls from 8 to 15 months old; prize-winners and from prize-winning stock. Several heifers bred on the same lines; choice individuals for sale. **JOHN A. GOVENLOCK, Forest Sta. and P.O.**

HEREFORDS—We are now offering a few thick, smooth young bulls and a number of females—a low-down, even, beefy lot. If in want of something extra good, correspond with us. We can please you. **J. A. LOYBINE, Coldwater P.O. and Sta.**

Aberdeen-Angus bull for sale, Black Diamond, No. 826, 3 years old this spring. A good individual and extra stock-getter; has never been beaten in show-ring. Price reasonable. Also one Chester White boar, old enough for service. **A. G. SPAFFORD, Compton, Que.**

Well DRILLING & PROSPECTING MACHINES.
Fastest drillers known. Great money earners! **LOOMIS MACHINE CO., TIFFIN, OHIO.**
FARMER'S ADVOCATE "Want and For Sale" Ads. bring good results. Send in your ads. and you will soon know all about it. **The Wm. Wm. Co., Ltd., London, Ont.**

Maple Hill Shorthorns: For immediate sale are two yearling bulls—one a Crimson Fuchsia, the other a Duchess of Gloster; both by Imp. Royal Prince, and both herd headers. Also a number of heifers that are strictly high-class. Send for catalogue. **Greenwood P. O., Clarendon, C. F. R.**



DAVID BIRRELL, Greenwood P. O., Clarendon, C. F. R.

D. Bartlett & Sons, Smithville, Ont.

Breeders of **Shorthorns and Dorsets**. For sale: Young cows and heifers at all ages. Dorset shearlings and lambs of both sexes, of choice quality, suitable for show purposes, at moderate prices. **P. O. and Station: Smithville, Ont.**

Shorthorns, Cotswolds and Berkshires.



For sale: 2 yearling bulls, cows, heifers and calves. Over 50 head to select from. Nothing to offer in Cotswolds or Berkshires.

CHAS. E. BONNYCASTLE, P. O. and Stn. Campbellford, Ont.

The Ontario Veterinary College, Ltd.

Temperance St., **TORONTO, Canada.**
Affiliated with the University of Toronto.
Patrons: Governor-General of Canada, and Lieut.-Governor of Ontario. Fee, \$65.00 per session. Apply to **ANDREW SMITH, F.R.C.V.S., Principal.**

FOR SALE:

A grand herd of pure St. Lambert Jerseys. One bull and eighteen females. Two cows, 12 and 8 years old. Five three-year old heifers in milk. Three two-year-olds (one soon due) in calf. Six yearlings and two heifer calves. All first-class. No culls. Will be sold very cheap. For catalogue and price apply to

GEO. W. A. REBURN, Massawippi, Que.

Tuberculosis in Hogs.

The Bureau of Animal Industry of the United States has recently published a bulletin dealing with the question of tuberculosis in swine, which appears to be prevalent to a considerable extent in the Western States, and is impossible of detection from outward appearances, except in very rare cases, and the problem of preventing its spread is a puzzling one.

The first part of the bulletin in question is a discussion of the use of tuberculin as a means of finding out whether hogs have tuberculosis or not. Tuberculin is now regarded as a reasonably accurate test of its presence in cattle, the presence of the disease being manifested by marked rise of temperature in a few hours following the injection of tuberculin. The difficulty in applying it to hogs is twofold. First, the normal variations in the temperature of individual hogs is very great, and it would seem at first sight that it would be utterly impossible to use tuberculin as a test. Second, hogs cannot be handled as readily as cattle, and the excitement due to the injection of tuberculin would naturally make the rise in temperature very rapid. Hogs differ from cattle in this, that the hog is ordinarily incased in a thick layer of fat, which is a poor conductor of heat, and in which there is very little circulation of the blood. The skin of the hog is intended to keep the heat in, but it does not take a prominent part in regulating the temperature as in cattle or horses. The conclusion of the bulletin is that while tuberculin is a reliable test of tuberculosis in hogs, it is only when a hog is kept quiet both before the injection of tuberculin and afterwards; and under any circumstances it requires a competent veterinarian. In the hands of the ordinary farmer it would be entirely useless.

The second object of this experiment was to determine by what means hogs naturally become affected with tuberculosis. The fifty-eight hogs in the experiments were divided into five groups:

First—Twelve were infected with tuberculosis by feeding them partially with milk to which virulent tubercle bacilli had been added.

Second—Four were fed behind cattle that were affected with natural tuberculosis.

Third—Four were fed behind cattle affected with tuberculosis by adding tubercle bacilli daily to their drinking water.

Fourth—Twelve hogs were infected with tuberculosis through subcutaneous inoculation with virulent tubercle bacilli.

Fifth—Twenty-six supposedly normal and healthy hogs.

The entire number was tested with tuberculin.

Of the twelve fed on tuberculous milk, some for three days, others for thirty days, all but one were found when slaughtered to be more or less affected with tuberculosis. Their general condition at the time of slaughter, some two months after being tested with tuberculin, and three months after being put on their ration, was most excellent, all of them being fat, and yet all but one of them more or less affected with tuberculosis. In all of them affection was principally about the glands in the throat and neck. The one showed no marked rise of temperature when the tuberculin was injected.

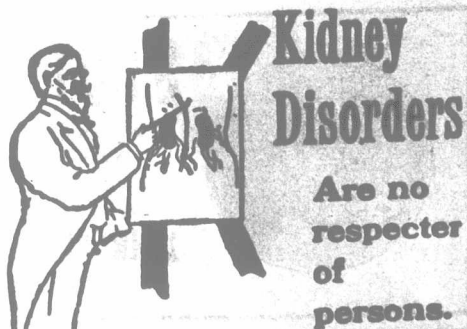
Of the four hogs fed behind cattle affected with natural tuberculosis, only one when slaughtered showed any indications of tuberculosis, and these slight.

Of the four hogs fed behind healthy cattle that were being fed tubercle bacilli in their drinking water, all showed tuberculous lesions except one, and all were in excellent condition.

Of the hogs that were inoculated with virulent bacilli germs, and which were killed afterwards, but one was found healthy, the rest all having distinct evidences of tuberculosis, generally at the seat of inoculation, but also in the lungs and liver.

The conclusions drawn from this experiment are: First, that the application of the tuberculin test is practical in the hands of a careful and experienced veterinarian, provided the hogs are of such a disposition that they can be kept quiet some time before beginning and throughout the entire test, but not practical for

(Continued on next page.)



People in every walk of life are troubled. Have you a Backache? If you have it is the first sign that the kidneys are not working properly.

A neglected Backache leads to serious Kidney Trouble.

Check it in time by taking

DOAN'S KIDNEY PILLS

"THE GREAT KIDNEY SPECIFIC."

They cure all kinds of Kidney Troubles from Backache to Bright's Disease.

50c. a box or 5 for \$1.25

all dealers or

THE DOAN KIDNEY PILL CO.
Toronto, Ont.

DEHORNING STOPS LOSS.

Cattle with horns are dangerous and a constant menace to persons and other cattle. Dehorn them quickly and with slight pain with a **KEYSTONE DEHORNER** All over in minutes. Not a hard method. Leaves a clean, clean cut. Cows give more milk; steers make better beef. Send for free booklet. **E. J. Holsman, Victoria, B.C.**

Shorthorns & Leicester

Am offering an extra choice lot of bulls and heifers, of all ages. **Leicesters:** Yearling and ram lambs and ewes of all ages, of the best breeding and quality.

W. A. Douglas,

Caledonia Station, **Tuscarora P. O.**

JOHN GARDHOUSE & SONS, Highland P. O., Ont.

Breeders of Scotch and Scotch-Irish Shorthorns, Lincoln and Leicester Sheep and Shire Horses.

A good selection of young stock of both sexes always on hand for sale. **Scotch Prince (Imp.) Vol. 48, at head of herd. Royal Albert (Imp.) sired, at head of stock. Farms in union from Wexley, G. T. B. and G. F. B., and selected from Toronto.**

GREEN GROVE SHORTHORNS

Fairy Queens, Ury, Floras, Glacis, Isabella, Rose of Autumn, Village Girl. Females of all ages. 3 choice young bulls. Prices right. Breeding unsurpassed.

W. G. MILSON,
Goring P. O., Markdale Station

SHORTHORNS

Shropshires and Berkshires.

Present offering: One yearling bull, several choice calves, ram and ewe lambs, and a few young sows.

JOHN RAGBY, Lennoxville, Que.

SMITHFIELD STOCK FARM

Shorthorns & Yorkshires

Present offering: Young stock of both sexes, sired by the Missie bull, Aberdeen Beau, by (Imp.) Scottish Beau. Also young Yorkshire sows.

R. E. WHITE, Balderson, Ont.

MAPLE LEAF STOCK FARM

4 Choice Young Bulls for Sale. Also some cows and heifers, and prize-winning Berkshire pigs. Terms reasonable.

ISAAC GROFF, Alma P. O. & Stn., G.T.R.

SHORTHORNS, LINCOLNS & OXFORD DOWNS

Herd headed by Imp. Royal Prince and Imp. Abbotsford Star. For sale: Nine bulls, six months to one year, three from Imp. dams and Imp. sires; also females. Oxford Down sheep and Barred Rock chickens. **John McFarlane & W. H. Ford, Dutton, Ont., Elgin County.**

For Sale: Scotch Shorthorn

Young bulls and heifers.

H. K. FAIRBAIN, THEOPHORD, ONT.

Rose Cottage Stock Farm.

ARLINGTON Shorthorns and Leicesters.—Present offering: 4 choice young bulls (3 mos.) and 2 heifers rising 2 years. Sired by Imp. Trout Creek Guard and Christopher's Heir, Vol. 20. All out of heavy-producing dams. An extra choice lot. Also ram and ewe lambs. **John Lishman, Hagersville P. O. & Stn.**

Shorthorn Bulls and Leicester Sheep

Imp. Scottish Peer sired. 4 years old, sure, and a good sire. Also 3 excellent young bulls of his get. Rams and ewe lambs. Come and see, or address **JAMES SNELL, Clinton, Ont.**