

HEADACHE.

Burdock
BLOOD
BITTERS.

What Medical Skill Could Not Do
Was Accomplished with

Burdock Blood Bitters.

If you are troubled with Headache do not hesitate to use B.B.B. It is no new product, of unknown value, but has an established reputation.

COULD NOT WORK.

Miss Muriel Wright, Muniac, N.B., writes: "I was sick and run down, would have Headaches, a bitter taste in my mouth, floating specks before my eyes and pains in my back. I was not able to do any house work at all and could not sleep at night. Several doctors doctored me but I saw I was getting no help, and on the advice of a friend I got three bottles of Burdock Blood Bitters and they effected a complete cure."

Riverside Holsteins

For sale: Seven young bulls from two to nine months old, out of Record of Merit cows, sired by Sir Pieterje Posch De Boer, whose dam and sire's dam average in official test 25.87 lbs. butter in 7 days, and 87.6 lbs. milk in 1 day.

J. W. Richardson, Caledonia, Ont.

Holsteins & Yorkshires

R. Honey, Brickley, Ont.

All surplus stock of Holsteins sold, except this crop of calves. Ready to book orders for them. Best bacon type Yorkshires, one to six months, both sexes, at moderate prices.

Spring Brook Holsteins and Tamworths.

32 choice young Tamworths from imp. sows, and sired by imp. Knowle King David, of best British blood and Royal winners. Correct type. Holsteins of best strains. Write for what you want, or, better, come and see. Will not exhibit this year. Stock better than ever. A. C. HALLMAN, BRESLAU, WATERLOO CO., ONT.

Maple Hill Holstein-Friesians

Special offering: Two bull calves eleven months old; well bred; in fine condition; now fit for service.

G. W. CLEMONS, St. George, Ont.

Maple Glen HOLSTEINS For sale: Two bull calves born April 28th. One sired by Brightest Canar; dam of calf has 22½ lbs. butter record, over 4 per cent. fat. The other from 19.48-lb. 2-year-old A. R. O. test, sired by a bull with a 22½-lb. tested dam, with 93 lbs. milk 1 day. Also a 4-year-old cow due in Oct., sire's g. dam sister of Carmen Sylvia. G. A. Gilroy, Glen Buell, Ont.

HOLSTEINS Choice bull calves, one to six months old, from high-producing dams. One heifer, 2 years, due in December. White Rocks, Buff Oringtons, one dollar up. David Rife & Sons, Hespeler, Ontario.

Homestead Holsteins Bull calves for sale 8 months old, out of cows with large A. R. O. records, and sired by Count Mercena Posch, whose dam and sire's dam average 25½ lbs. butter in seven days. G. & F. GRIFFIN, Box 43 Burgessville, Ont.

"Ever been in Siberia?" asked the reporter.

"Er—yes," answered the distinguished Russian refugee. "I took a knouting there one summer."

"Very well, sir," cried Dr. Kwack, after his quarrel with the undertaker. "I'll make you sorry for this."

"What are you going to do," sneered the undertaker, "retire from practice?"

Black
Watch

Chewing Tobacco

The big black plug.

2200

GOSSIP.

Results of Rock Phosphate on an Illinois Farm.

Arthur J. Bill, of Illinois, tells the readers of Wallace's Farmer of a striking experience in the use of ground rock phosphate on a farm in that State which came under his observation. We quote the story in his own words:

Mr. Frank I. Mann, a practical farmer and dairyman of Iroquois county, Illinois, has given very thoughtful attention to experiment station data and applied a little agricultural science on several of his fields the past five years, with the following marked results, the general treatment being a half ton of ground rock phosphate per acre.

Eighty Acres Oats.—Treated part, 80 bushels per acre; untreated, 60 bushels; increase, 20 bushels. Cost of phosphate, \$4 per acre; returns from treatment, \$7, besides 92 per cent. of phosphorus applied remaining in the soil safe for future use.

Sixty Acres Corn.—On 40 acres treated, 51 bushels per acre the second year after treatment; 20 acres untreated, 34 bushels; profit over all cost, \$3.50 per acre.

Eighteen Acres Corn on Clover Sod.—Ninety bushels per acre first year; 50 bushels corn (injured by storm) second year; 100 bushels oats third year; 4 tons clover in two cuttings fourth year; 125 pounds phosphorus per acre applied and only half of it used in the four crops. A new application of phosphate was given this field last fall—1,500 pounds per acre.

Eighty Acres Oats in 1907.—Forty bushels per acre, weighing 35 lbs. to bushel; germination test, 92 per cent. Surrounding untreated fields, 25 bushels, weighing 26 pounds, 40 to 50 per cent. germination; second year, 2½ tons clover per acre in first cutting; untreated, 1½ tons.

Eighty Acres Corn.—Sixty-two bushels per acre; untreated, 45 bushels. The part needing nitrogen was given 10 tons of manure per acre in addition to the phosphorus, bringing the formerly low yields up to 60 bushels.

Such are the very profitable and agreeing results in plain farming for one to four years on each of four fields involving more than 200 acres of land. They were secured by a very simple process: First, confidence in the scientist and knowledge of what he is doing for the farmer; second, personal conviction based on definite and intelligent examination of his own conditions; third, following reason into action, doing the deed. And Mr. Mann has no patent on this process. Besides making money, his land is becoming richer instead of poorer under such treatment.

Several samples of soil from this farm were analyzed by Mr. Mann's son at the College of Agriculture, showing a marked deficiency in phosphorus in most fields, nitrogen lacking in only a few places, and no lack of potassium. Small plots in several fields were treated with different elements of plant food. Where phosphorus was deficient, phosphorus added gave increase of yield, and where nitrogen was lacking, nitrogen added gave increased yields, confirming the chemical analysis. The benefits were so marked that whole fields were soon treated with phosphorus and the manure used on those portions needing nitrogen. In some cases narrow strips were left untreated for check strips. The average application of rock phosphate was 1,000 pounds per acre, but this was greatly varied (by opening and closing the drill) according to the apparent needs of the soil in different parts of the field. The results are given at the beginning of this letter.

The recital of these crop yields at the recent Urbana meetings when the Rothamsted soil experiment director visited the University of Illinois, was the one thing needed to closely connect the celebrated soil tests of England and Illinois with the most successful farm practice. Such experience gives great weight to the following conclusions by Mr. Mann:

Whether manuring is scientific depends on the need of the land; if the soil needs phosphorus and not nitrogen, it is not scientific. A man sold a two-ton growth of clover for \$4 per acre because he hadn't time to cut the hay. As his land needed both phosphorus and nitrogen, it would have been profitable and scientific to have added \$4 worth of phosphorus.

(Continued on next page.)

DEERSKINS

E. T. Carter & Co.
84 Front St., E.,
TORONTO, ONT.

CONSIGNMENTS SOLICITED.

Write for Our
PRICE LISTS.
We Pay Express and
Freight Charges.

RAW FURS

Beaver Creek Holsteins—I have at present a few cows and heifers for sale, and three young bulls; all from good milkers. Apply to

ALBERT MITTLEFEHLDT, Elcho, Ont.



LYNDALE HOLSTEINS!

Bull calves out of cows with records of from 18 to 20 lbs., also three heifers coming two, and a number of young cows in Record of Merit, bred to a grandson of Pieterje Hengerveld's Count De Kol. BROWN BROS., LYN., ONT.

The Maples Holstein Herd!

RECORD OF MERIT COWS. Headed by Lord Wayne Mechthilde Calamity, also in the Record of Merit. Nothing for sale but choice bull calves.

WALBURN RIVERS, Falden's, Ont.

Only Bull Calves FOR SALE, HOLSTEINS and AYRSHIRES,
Of the best performing strains.
GEO. RICE, ANNANDALE STOCK FARM, TILLSONBURG, ONTARIO.

Now

is the time to buy a bull for service next year, because we sell CHEAPER now than we do next spring. Why not write to us RIGHT AWAY for a BARGAIN in bulls from R. O. M. dams? Or better yet, call and see us.

E. & F. MALLORY,
FRANKFORD, ONTARIO.

Ayrshires from a Prizewinning Herd—Have some nice bull and heifer calves for sale at reasonable prices. For particulars, etc., write to WM. STEWART & SON, Menie P.O., Ont.

FAIRVIEW HERD

The greatest A. R. O. herd of in northern New York. Headed by Pontiac Korndyke, the greatest sire of the breed, having five daughters whose seven-day records average 29¼ pounds each, and over 43% fat. Assisted by Rag Apple Korndyke, a son of Pontiac Korndyke, out of Pontiac Rag Apple 31.62 pounds butter in 7 days, and 126.56 pounds in 30 days, at 4 years old. Cows and heifers in calf to the above two bulls for sale, also young bulls sired by them out of large-record cows. Write, or come and inspect our herd. E. H. DOLLAR, Heuvelton, St. Law. Co., N. Y., near Prescott, Ont.

EVERGREEN STOCK FARM offers for sale choice young HOLSTEIN BULLS, from 10 to 12 months old, sired by sons of Mercena 3rd and Tidy Abbecker, each of which made over 27 lbs. of butter per week, and 80 lbs. milk per day. Also choice young females. Write for prices. F. E. PETTIT, Burgessville, Ont.

Centre and Hillview Holsteins

125 head to select from. 35 in the R. O. M. Stock bulls Bonheur Statesman, high official backing, and is closely related to Colantha 4th's Johanna; Brookbank Butter Boy. All nearest dams over 20 lbs. From these sires, out of R. O. M. dams, are several young bulls and a few heifers. Prices right. P. D. EDE, Oxford Centre, Ont. Woodstock Station.

FOR SALE We have the get of Ethel's John, a 75 per cent. Mary Ann of St. Lambert bull; also of Minette's Star, a son of Brampton Minette, Brampton Monarch (imported), Blue Blood, and Financial King. Write for what you want. H.S. Pipes & Son, Amherst, Nova Scotia.

BRAMPTON JERSEYS

CANADA'S PREMIER HERD.—Strengthened regularly by importations from United States, England and the Island of Jersey. We have animals of all ages and both sexes for sale, and the largest herd in Canada to choose from. Write for prices and particulars. Long-distance telephone at farm.

B. H. BULL & SON,

BRAMPTON, ONT.

Stonehouse Ayrshires.

36 head to select from. All imported or out of imported sire and dam. For sale: females of all ages. Am now booking orders for bull calves. HECTOR GORDON, Howick, Quebec.

Stockwood Ayrshires!

My Ayrshires are producers as well as show stock. For sale are females of all ages. Also my stock bull, Pearlstone, a high-class sire and show bull. Am now booking orders for bull calves. D. M. WATT, ST. LOUIS P. O. & STA., QUE.



Stoneycroft Ayrshires

Choice young bulls and heifers of the very best breeding, combining show and dairy quality.

Large Improved Yorkshire Pigs from imported sires and dams, now ready to ship.

Stoneycroft Stock Farm, Ste. Anne de Bellevue, Que.

STOCK FOR SALE AT Springburn Stock Farm WILLIAMSBURG, ONT. A number of Ayrshire bulls and heifers of deep-milking strain. 15 Oxford Down shearing and ram lambs. Ewes any age. Prices reasonable. H. J. WHITEKER & SONS, Williamsburg, Ont., Props.

Ayrshire Cattle for Quick Sale—Choice Canadian-bred, for immediate sale. Prices very low considering quality. Good teats. Heavy milkers. For particulars write: WILLIAM THORN, Trout Run Stock Farm, Lynedoch, Ont., Norfolk Co.



Hoard's Station, G. T. R.

Ayrshires and Yorkshires

Our 1908 importation has landed, consisting: In females, of 3-year-olds, 2-year-olds, yearlings and calves; in bulls, yearlings, calves; dams' records up to 1,100 gals. of milk in Scotland. Write J. Retson, South Quebec. We can furnish full show herds of choice ones. All ages on hand, either imported or home-bred. Milk records of all milkers. Pigs from 3 wks. to 4 mos. Phone in residence.

ALEX. HUME & CO., MENIE P. O., ONTARIO.

HOWGLEN AYP SHIRES!

For sale: 75 pure-bred registered Ayrshires, all ages; prizewinners; many imported. Apply to ALLAN P. BLUE, Eustis, Quebec.

AYRSHIRES

Bull and heifer calves from producing dams. Right good ones. Hickory Hill Stock Farm, Dundas Station and telegraph.

N. DYMENT, Clappison, Ont.