

**RED POLLED CATTLE**

One of the oldest and best herds in America; established in 1883.  
S. A. CONVERSE, Cresco, Iowa

**CLYDESDALE HORSES**

For sale. Foundation stock purchased from McLay Brothers.  
S. A. CONVERSE, Cresco, Iowa

**CHOICE SCOTCH SHORTHORNS AT REASONABLE PRICES**

Two imported yearling shorthorn bulls, one red, one roan. One 2 year old imported bull, red choice individual, an extra sire. Ten young bulls, 9 to 16 months old, all by imported sire. Thirty young cows and heifers, bred to high-class imported bulls. Long distance Telephone, Farm 1 mile from Burlington Junction, G.T.R. 30 miles west of Toronto.

J. F. MITCHELL

Burlington, Ont.

**Glencorse Yorkshires****ALSO FOR SALE**

Meat-in-Frisian bull calf, nine months old, sire Duke Varcoe Beryl Wayne (7718), dam Duchess de Kol (7158) and litter of registered Sable Collie puppies.

Glen Bros., Didsbury, Alta.

**Melrose Stock Farm****SHORTHORNS****CLYDESDALES**

Sold out of sheep. Six young bulls, a few heifer calves for sale, five young stallions, from one to three year old.

GEO. RANKIN &amp; SONS, Oakham P. O., Man. On the G. T. F.

**SHORTHORNS****Great Private Sale**

Special prices and terms for choice breeding Shorthorns to make room for winter. Come and see them, or write for particulars, also Prize winning Barred Plymouth Rocks. Eggs for sale in season.

R. W. CASWELL, Star Farm, Box 1288, Saskatoon, Phone 375  
G. F. R., G. H. R., G. T. F.**McDonald's Yorkshires**

A few fine long pure-bred Yorkshire bears on hand. Farrowed April from prize-winning stock. Price \$20.00 each.

Also three young Shorthorn bulls. Apply for prices on bulls.  
A. D. McDONALD, Napinka, Man.

**The J. C. Ranch**

Breeder and importer of high class Clydesdales. Young stock always for sale. Male and female. A car load of young stallions just arrived. I can supply you with a show ring champion or a range stallion.

JOHN CLARK, JR., Box 32, Gleichen, Alta.

**CHOICE SHORTHORN BULLS, \$35 to \$70.**

All stock registered. These are a nice lot, six to twelve months old. Also a few young SHOETHEORN COWS of Dairy strain.

**CLYDESDALE COLTS FOR SALE**  
Yorkshire pigs, both sexes, ready to wean.  
J. BOUSFIELD, Prop., MACGREGOR, MAN.

**25 REASONS FOR RAISING MULES**

Send for my booklet showing that mules pay and pay big. New Importation of Jacks and Jennets.

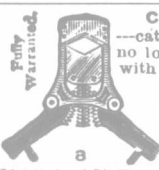
now in my barns. No better stock anywhere. Prices right. Farm 6 miles from Indianapolis. Call or write.  
BAKER'S JACK FARM, Lawrence, Ind.

**Messrs. Hickman & Scruby**

Court Lodge, Egerton, Kent, England

**EXPORTERS OF PEDIGREE LIVE STOCK**

of every description. Owing to the rapid increase in business, Mr. L. C. Scruby has been taken into partnership. During the spring months the export of horses of the light and heavy breeds will be a specialty. Write for prices, terms and references.

**COWS GIVE MORE MILK**

—cattle make better beef—Bulls are no longer dangerous when dehorned with the

**KEYSTONE DEHORNER.**

Cuts 4 sides at once—No crushing or bruising. Little pain. The only humane method. Write for free booklet. R. H. McKEWNA, 219 Robert St. Toronto, Ont. Late of Picton, Ont.

**Glenalmond Scotch Shorthorns**

I have for sale some great, thick, robust, young stock-bulls and some grand young heifers ready to breed. I can supply ranchers with bulls of a serviceable age at very reasonable prices. My herd won many prizes at the leading exhibitions in Alberta last season. Imported Baron's Voucher, a champion bull in Scotland heads my herd. Write me for prices.

C. F. LYALL

STROME, ALTA.

**BRAMPTON JERSEYS**

Canada's Greatest Jersey Herd

in prizewinners, in number of sales, in dairy quality, in breeding cows, in breeding sires, in importation, in home-bred animals, in breeding results. Jerseys of all ages and both sexes for sale.

B. H. BULL &amp; SON,

BRAMPTON, ONTARIO

**HASSARD'S HORSES**

I have just landed a fresh importation consisting of Clydesdale and Hackney stallions and Clydesdale fillies, direct from Scotland. The stallions are sired by such notable sires as Lord Pauntleroy, Revelanta, Baron of Buchlyvie, Sir Everest and Prince Thomas; these stallions range from 2 years to 6 years old and are sired by such horses as Prince Alexander, Benedict, Prince Attractive, Prince Maryfield and others. These are good big fillies with a lot of quality—the kind to take to the show ring. In fact, it is said by those who have already seen them that they are the best bunch that has ever come to the province. I have 18 more fillies coming that will reach Deloraine by November the 15th; further particulars of them later. Come and see me or write. I am always ready for business with small profits.

F. J. HASSARD, V. S., DELORAINE, MAN.

ESTABLISHED AT LEICESTER, ENGLAND, IN 1800.

**BLATCHFORD'S CALF MEAL**

Resembles new milk as nearly as possible in chemical composition. Used throughout the world. Halves the cost of raising calves. Prevents scouring. Rapidly matures them. Send for pamphlet "How to Raise Calves Cheaply and Successfully Without Milk."

B STEELE, BRIGGS SEED Co. Ltd., Winnipeg, Man.

**We Want Your Help for a Minute**

Have you a neighbor who does not take the Farmer's Advocate and Home Journal? If so, tell him about it and secure his subscription. At the same time remember our generous list of premiums which are published on another page.

bran or middlings from either wheat, rye, oats, peas or buckwheat, sold separately and not mixed with other substances." To avoid unnecessarily hampering the trade in staple commercial products, the common well-known articles, such as the whole seeds, or the mixed or unmixed meals, from these certain grains were exempted.

However, to check such frauds as mixing of the oat hulls with wheat bran, and the adulteration of meal from mixed grains, it was decided to deal with the adulteration of these products under section 26 of the Adulteration Act. With the object of determining a fair standard composition, remarked Prof. R. Harcourt, in his paper before the Western Ontario Dairymen's Convention, the Chemist of the Inland Revenue Department, at Ottawa, collected and analyzed 541 samples of bran, middlings and chop-feed, or moulee. The results are given in Bulletin 191 of the Inland Revenue Department. To show the variation in composition found in these products, Prof. Harcourt quoted these figures, which give the extreme and average results of the analysis:

	Bran. — 148 samples analyzed :		
	Maxi-mum	Mini-mum	Mean.
Fat .....	9.52	1.42	3.92
Proteids .....	17.56	11.81	14.67
Crude Fibre .....	13.20	3.96	9.26
Ash .....	7.16	3.16	5.53
Carbohydrates .....	64.25	50.06	56.01
Shorts or middlings, 258 samples analyzed :			

	Maxi-mum		
	Maxi-mum	Mini-mum	Mean.
Fat .....	6.88	0.95	4.04
Proteids .....	18.93	10.00	15.25
Crude Fibre .....	12.15	0.22	5.63
Ash .....	5.74	0.88	3.63
Carbohydrates .....	74.18	51.04	60.55
Chop-feeds — 135 samples analyzed :			
	Maxi-mum		
	Maxi-mum	Mini-mum	Mean.
Fat .....	11.75	0.87	3.09
Proteids .....	16.19	6.63	10.70
Crude Fibre .....	25.80	1.21	8.69
Ash .....	7.64	1.04	3.24
Carbohydrates .....	74.59	47.89	64.45

There is nothing to hinder the manufacturer of these products guaranteeing their composition, as required for other foods in the Commercial Feeding Stuffs Act. In fact, the chief chemist strongly recommends the manufacturer of chop feeds, i.e., feeds made from mixed or unmixed grains, ground or unground, to register such feeds and sell them under a definite guarantee.

In case bran, shorts and chop-feed are sold or offered for sale without a registration number, and without a special guarantee from the manufacturer or agent, the chief chemist recommends that the following limits be made legal :

	Crude Protein (not less than)	Crude Fat (not less than)	Crude Fibre (not less than)
Bran ....	14.	3.	10.
Shorts ..	15.	4.	8.
Chop-feed	10.	2.	10.

With reference to the above standards, it is important that the three constituents be considered. Recently, a sample of bran was sent in for examination which was found to contain more than the standard amount of protein and fat, and could not be considered adulterated, if these were the only constituents considered; but, it also contained about 15 per cent. of crude fibre, which was one-half more than the standard allows. It is in this constituent that the addition of oat hulls would be most readily detected. It is expected that the adulteration of bran may be controlled in this way, without requiring the guaranteed analysis to be stamped on the bag.

The Commercial Feeding Stuffs Act ought to be decidedly beneficial in three ways :

**"SAVE-THE-HORSE" SPAVIN CURE****WAR DEPARTMENT.**

Office Purchasing Commissary U. S. Army, Saint Louis, Mo., Nov. 17th, 1909.

Troy Chemical Co., Binghamton, N. Y.  
I have great faith in your medicine. I cured a bad tendon on a horse which had been fired and seemed beyond all hope. I also cured a sprained tendon in another horse within two weeks.

CAPTAIN J. N. KILLIAN, 3d &amp; Olive Sts., Commissary U. S. Army.

**FREEPORT FIRE DEPARTMENT**

Troy Chemical Co., Binghamton, N. Y.

Freeport, L. I., Nov. 29 1909. Enclosed check for bottle "Save-The-Horse." Every horseman around here thought horse was incurable, but don't think so now. Here is what I have done with "Save-The-Horse," and some of these cases were cured two and three years ago, as you know, and are cured to-day. In fact, I am not afraid to undertake any case without the guarantee.

The first case was a gray mare with loose spavin, over three years' standing. So lame everyone thought she would never go sound again. In six weeks' time she did not take a lame step. Let her to the Freeport Golf Club every week day.

The next case was a fine blooded horse with rickets, belonging to a friend. In two months' time he did not take a lame step. Also cured a Polo Pony who was hardly able to get out of the stable, both hind legs affected with the worst bone spavin I ever saw. Bought him for ten dollars, and everyone said I would have to saw off his legs and have new ones made. The whole lot was affected. He had been fired and blistered three times. I say that he had ever been spavined, except for the marks of the fire.

Have also cured a fine saddle horse of thoroughbred. Will be glad to see anyone regarding these cases. CARL DARENBERG.

Send for copy, booklet &amp; letters from business men, trainers on every kind of case. Permanently cures Spavin, Thoroughbred, Ringbone (except low), Curb, Splint, Capped Hock, Windpuff, Shoe Bolt, Injured Tendons &amp; all Lameness. No scar or loss of hair. Horse works as usual. Dealers or Exp. post \$5.00.

Troy Chemical Co., 148 Van Horn St., Toronto, Ont., and Binghamton, N. Y.

T. M. Daly, K. C. R. W. McClure

W. M. Crichton E. A. Cohen

**DALY, CRICHTON & MCCLURE**

Barristers and Solicitors

Office: CANADA LIFE BUILDING

WINNIPEG MANITOBA

A man was brought up on a charge of beating his wife and biting off a portion of her ear. However, the woman, good-natured soul, was anxious to screen her husband, and, if possible, obtain his acquittal, as appears from her evidence.

Magistrate—"Your husband has been treating you very badly, eh?"

Witness—"Oh, no, Your worship!"

Magistrate—"No? Why, did he not bite off a piece of your ear?"

Witness—"No, your worship; I did it myself!"



Here is a test which proves positively that Dr. A. W. Chase's Kidney and Liver Pills do cure kidney disease and urinary troubles.

Capt. Wm. Smith, a British Army veteran, living in Revelstoke, B. C., had his urine tested by his physician who pronounced his case a bad form of chronic kidney disease.

After being cured by

**Dr. A. W. Chase's Kidney & Liver Pills**

he again had an examination of the urine made and his physician stated that no trace of the old trouble remained.

Dr. A. W. Chase's Kidney and Liver Pills are definite and certain in action and positively cure back-ache, kidney disease, Bright's disease (in early stages) and urinary troubles. One pill a dose, 25 cts. a box, at all dealers or Edmanson, Bates & Co., Toronto.



Refuse substitutes and imitations.