

## From Coast to Coast

This year we were awarded medals or diplomas at all the leading exhibitions from New Westminster, B. C., to Halifax, N. S., including the Dominion Exhibition, St. John, N. B., where we secured the gold medal. There is a reason for it. It is because our goods are the leaders. For instance, our Litter Carrier is the strongest, handiest and easiest-working Carrier made.

Write for our catalogue of Hay Tools, Feed Carriers, Barn-door Hangers, Cow Stalls and Stanchions, and Hardware Specialties to



Louden Machinery Co., Guelph, Ontario

**A FLOOD OF LIGHT FROM KEROSENE COAL OIL**  
THE ALADDIN MANTLE LAMP generates, with Coal oil (Kerosene), a light far more brilliant than gas or electricity. It is simple, durable, portable, odorless and safe. Satisfaction guaranteed. AGENTS MAKE BIG MONEY by showing the lamp. The light makes the sale. It revolutionizes rural lighting; needed in every home. The SUNBEAM burners fit all ordinary lamps. Ask for Agency proposition or how you can obtain a lamp FREE to introduce it.

The MANTLE LAMP CO. of America, Chicago, MONTREAL. Winnipeg and Dept. B.

### "SAVE THE HORSE" SPRAIN CURE.



Read what one of the most prominent bankers and business men of Northern Ohio did with "Save-the-Horse"

Cleveland, Ohio, March 18, 1910.  
In the fall of 1908, at Lexington, Ky., I bought the finest saddle and carriage horse that I was ever my pleasure to own. During the winter he threw out as large a thoroughbred as I ever saw. I had heard of your remedy and bought one bottle, with the result that the lump on both sides of the hock is entirely gone and has been a matter of comment on the part of everyone that has seen it. The hock is today absolutely clean and there is no indication of thoroughbred, and I shall be glad to show this horse to show that there is no trace of the trouble.

Very truly,  
Prop. Murray Stock Farm, West Mount Ohio.  
For fifteen years our contract has been the foundation on which every customer based his confidence in making his first purchase, and it has never been misplaced or betrayed. The marvelous power alone of "Save-the-Horse" permits of such an iron-clad contract. Send for copy.

**\$5.00 a Bottle With Signed CONTRACT.**

This is a binding CONTRACT and protects purchaser absolutely in treating and curing any case of Bone and Bag Spavin, Thoroughbred, Ring-bone, (except low), Curb, Splint, Capped Hock, Windpuff, Shoehead, injured Tendons and all Lameness. No scar or loss of hair. Horse works as usual. Send for copy of contract, booklet on all lameness and letters from prominent business men, bankers, farmers and horse owners that would over on every kind of case. At all druggists and dealers, or express paid.

Troy Chemical Co., 147 Van Horn St., Toronto, Ont., and Binghamton, N. Y.

## DUNHAMS' PERCHERONS

For forty-six years renowned as the best of the breed. Six large importations since February 1, 1910 (the last arrived October 12th), insure fine selection, as each animal was individually selected for size, bone quality and excellence. If you want choice stallions or mares, write for catalogue, illustrated from life.

W. S., J. B. & B. DUNHAM  
WAYNE, ILL.

Messrs. Hickman & Scruby

Court Lodge, Egerton, Kent, England.  
EXPORTERS OF PEDIGREE LIVE STOCK OF EVERY DESCRIPTION.

During the fall months the export of heavy horses will be a specialty. A trial order will convince you that it is to your advantage to do business with us. Write for full particulars, stating what you require.

**NOTICE TO HORSE IMPORTERS**  
Commission  
**Gerald Powell**, Agent and Interpreter, **Nogent Le Rotrou, France**, will meet importers at any port in France or Belgium, and assist them to buy Percherons, Belgians, French Coach horses. All information about shipping, banking and pedigrees. Many years' experience; best references; correspondence solicited.

**A. A. PALMER & SONS**  
Orleans, R. F. D. 19, Belding, Ionia Co., Michigan.

We are breeders of the very best kind of **PERCHERONS**

We sell nothing but meritorious stock, and our stock sells on its merits. Young stock of both sexes for sale. Write us now.

**PLEASE MENTION THIS PAPER.**

## QUESTIONS AND ANSWERS.

Miscellaneous.

### SHORT COURSES—WEIGHT OF SHORTHORNS.

1. Is there going to be a short course for farmers at the Agricultural College in judging live stock and grain? If so, what time does it open?

2. Is there any standard of weight for Holsteins, or for Shorthorns, and what is it? T. D.

Ans.—1. Yes; see advertisement in our Christmas Number, page 1922.

2. No.

### CAPACITY OF CISTERN.

Please let me know how many barrels of water a cistern contains which is 5 feet 2 inches square, and 6 feet deep. Explain how it is worked out in the simplest way. A SUBSCRIBER.

Ans.—31½ barrels, approximately, taking 1 barrel as 32 gallons. Computation: 5 feet 2 inches square, and 6 feet deep, gives 160½ cubic feet as capacity of cistern; 1 cubic foot of water weighs 62.32 pounds, 1 gallon weighs 10 pounds, and 32 gallons make one barrel. Hence  $160\frac{1}{2} \times 62.32 = 31.19\frac{1}{2}$  barrels.

10 x 32

### BUCKWHEAT STRAW FOR SHEEP.

Is it safe to feed buckwheat straw to sheep, especially at mating time? We have a lot of buckwheat straw, and very little pea straw, and are feeding the buckwheat straw as a substitute. We have been told that said straw is too heating, and that there is more or less grain in the straw, which would make it more heating. If we must not use it entirely, could we feed it once a day, and pea straw, say at night. We are using oats as a grain ration. No roots.

D. C. C.

Ans.—Buckwheat straw contains a higher content of protein and crude fibre, and a lower content of fats than wheat straw. While apparently little experimental knowledge is obtainable concerning the straw of buckwheat, we can see no reason why it should be injurious.

### DEHORNING CATTLE—CASTRATING CALVES.

1. Which is the best time of year to dehorn cattle, and also when is it best to castrate calves?

2. What is the best feed for an old cow whose teeth are bad, to fatten her for beef? A READER.

Ans.—1. There is no better time for dehorning than in the winter, provided the animals are stabled. They may be let out to water, but should not be kept out more than an hour at a time in very cold weather, and should not be allowed access to a straw stack until the wounds have healed, as the chaff and dust may set up inflammation and suppuration of the wounds. Calves may be unsexed any time, if in warm, clean, dry quarters.

2. Cut hay, chaff or silage, a mixture of ground oats and peas, or barley, and pulped roots.

### REGISTERING SHIRES.

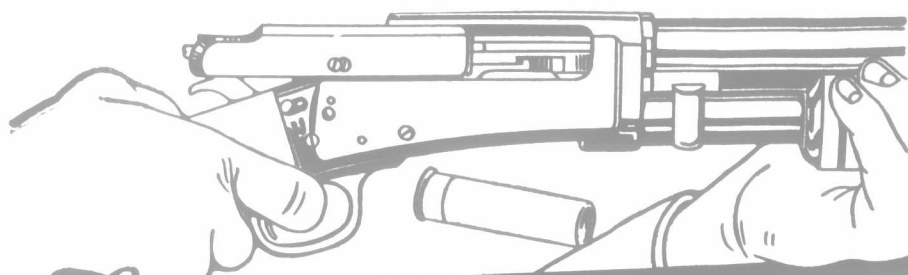
I have a heavy draft Shire filly which has four registered crosses on the sire's side.

1. Can I have her registered in the Canadian Shire Studbook?  
2. If I can, whom do I apply to?  
3. Is there anything else required of me other than to have pedigrees of these four different sires? A SUBSCRIBER.

Ans.—If your filly has four crosses of registered Shire sires, and the necessary particulars can be established in due form, you can have her recorded. For full information, write "The Accountant," National Live-stock Records, Ottawa.

### WE DIDN'T.

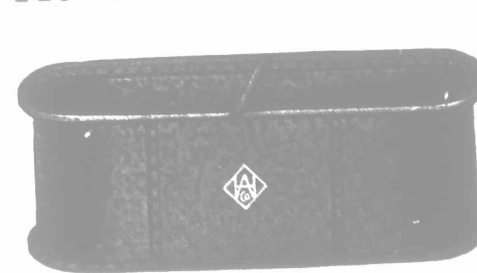
"P. S." writes a contributor to this department from the penitentiary at Deer Lodge, Montana. If you can't use these Chestnuts, don't send any regrets; I have plenty of my own.—Everybody's for December.



## The Marlin Repeating Shotgun

Made famous by its dependability. The solid top and side ejection keep gases and powder away from your eyes; help quick, effective repeat shots. Rain, sleet, snow and foreign matter can't get into the action. The mechanism is strong, simple, wear-resisting. The double extractors pull any shell instantly; two special safety devices prevent accidental discharge while action is unlocked, and an automatic recoil block makes firing harmless. All Marlin's are strongly made, finely balanced, accurate, hard hitting guns, and are the quickest and easiest to take down and clean. Illustration shows Model 24 grade "A" 12 gauge; it has all the features that make for a perfect gun. Send three stamps postage today for our 136 page catalog describing the full Marlin line. **The Marlin Firearms Co.** 113 Willow Street New Haven, Conn.

## H.-A. Galvanized Steel Tanks



Water Storage and Stock Watering Tanks, Threshers, Tank Heaters, Hog Troughs, Feed Cookers, Oil and Gasoline Tanks. We guarantee our tanks will not be injured by freezing. Catalogue B on request. We also make a complete line of water well supplies, "Baker" Windmills, Pumps, Cylinders, Gasoline Pumping Engines, etc. Ask for catalogue No. 58.

**The Heller-Aller Co.,** WINDSOR, ONT.

## To Buyers Looking for a Good Stallion:



I have imported **Percheron Stallions** for years. Always bought from the best breeders in France, and beg to call the attention of prospective buyers to the fact that I have won this year at Toronto first and second aged class sweepstakes and silver medal. Also at Ottawa Fair, first and third in aged class, first, second and third in 3-year-old class, sweepstakes and gold medal. Those horses are beautiful dapple-greys and blacks, three to four years old, weighing 1,800 to 2,000 lbs., with feet and legs that cannot be beat, beautiful heads and necks, the kind that good buyers are looking for. **I do not intend, and I will not allow, if I can help it, any one to give more quality breeding for a fixed price than I will.** Come to the home of the champion prizewinners and judge for yourself.

**JOHN HAWTHORNE, Simcoe, Ontario.**

## TOP-NOTCH CLYDESDALES



I have 22 Imported Clydesdale Stallions to select from, of different ages, and from such noted sires as the champions Hwathwa, Marcellus, Baron of Buchlyvie, Baronson, Hapland's Pride, Silver Cup, Revelanta, Royal Blend, Baron Clyde, Shapely Prince, etc. The breeding is the best, and the individuals second to none. Prices and terms right. Just give me a call and be convinced that you struck the right place. Markham 20 miles north of Toronto, on the G. T. R. Locust Hill Sta., C. P. R., 3 miles. Long-distance phone. Will meet visitors on the shortest possible notice.

**T. H. HASSARD, Markham, Ont.**

**Mount Victoria Stock Farm, Hudson Heights, Quebec.**  
Champion Clydesdales and Hackneys. We have for sale 2 imp. Clydesdale stallions, by Pride of Blacon and British Chief; one imp. Hackney stallion, by Copper King. Prizewinners. Prices right. Long-distance phone.  
**E. Watson, Manager.**  
**T. B. Macaulay, Proprietor.**

**NEW IMPORTATION OF CLYDESDALES**  
Superior breeding and quality, selected for the requirements of the Canadian trade—9 stallions, 6 fillies, 3 colts, including prizewinners and champions. This consignment will bear close inspection, and will be sold at moderate profit.  
**GEORGE G. STEWART, Howick, Que.**  
Phone connection.

**Imp. Clydesdale Stallions and Fillies**  
My 1910 importation of Clyde stallions and mares are in my stables at Mitchell. They are ideal in draft character, big in size, toppy, and have perfect underpinning, and bred from the best blood of the breed. Prices right.  
**Wm. Colquhoun, Mitchell, Ont.**  
Phone connection.

**IMPORTED CLYDESDALES AND HACKNEYS**  
In my stables at Ingersoll, Ont., I have always on hand Clydesdale stallions and fillies, and Hackney stallions, personally selected in Scotland for their high-class type, quality and breeding. Let me know your wants.  
**W. E. BUTLER, INGERSOLL, ONT.**

**NEW IMPORTATION ARRIVED**  
Our 1910 importation of Clydesdale Stallions and Fillies are now at our stables. We can show some of the best individuals and best breeding sires imported. Our prices are right, and terms to suit.  
**JOHN A. BOAG & SON, Queensville, Ont.**  
Phone connection.

**IMPORTED CLYDESDALES AND PERCHERONS.**  
My 1910 importation are in my stables at Bolton, Ont. There never was a better bred lot landed, nor a better lot of big, typical draft horses, full of quality and with perfect underpinning. Clydesdale stallions and fillies, and Percheron stallions. I will not be undersold.  
**T. D. Elliott, Bolton, Ontario.**