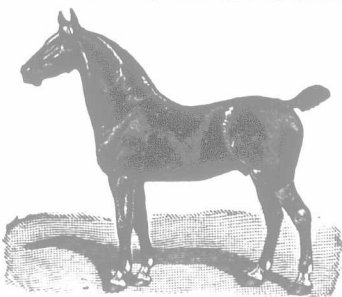


Warranted to Give Satisfaction. Gombault's Caustic Balsam



Has Imitators But No Competitors.

A Safe, Speedy and Positive Cure for
Curb, Splint, Sweeney, Capped Hock,
Strained Tendons, Founder, Wind
Puffs, and all lameness from Spavin,
Ringbone and other bony tumors.
Cures all skin diseases or Parasites,
Thrush, Diphtheria. Removes all
Bunches from Horses or Cattle.

As a Human Remedy for Rheumatism,
Sprains, Sore Throat, etc., it is invaluable.
Every bottle of Caustic Balsam sold is
Warranted to give satisfaction. Price \$1.50
per bottle. Sold by druggists, or sent by ex-
press, charges paid, with full directions for
its use. Send for descriptive circulars,
testimonials, etc. Address
The Lawrence-Williams Co., Toronto, Ont.

Fistula and Poll Evil

Any person, however inexperienced,
can readily cure either disease with
FLEMING'S
FISTULA AND POLL EVIL CURE
—even had old cases that skilled doctors
have abandoned. Easy and simple; no cut-
ting; just a little attention every fifth day—
and your money refunded if it ever fails.
Cures most cases within thirty days, leaving
the horse sound and smooth. All particu-
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Fleming's Vest Pocket
Veterinary Advisor
Write us for a free copy. Ninety-six pages,
covering more than a hundred veterinary
subjects. Durable bound, indexed and illus-
trated.
Fleming Bros., Chemists
75 Church Street, Toronto, Ont.

Dr. Page's English Spavin Cure

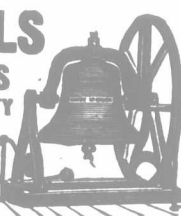
Cures the lameness from Bone-Spavins, Side-
Bones, Ringbones, Curbs, Splints, etc., and
absorbs the
bunches; does
not kill the hair,
absorbs Capped
Hocks, Bog-
spavins, thick
pastern joints;
cures lameness
in tendons;
most powerful
absorbent
known; guaran-
teed, or money
refunded. Mailed to any address, price \$1.00.
Canadian Agents:—
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171 King St. East, Toronto, Ont.



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CHIMES AND PEALS
MEMORIAL BELLS A SPECIALTY
FULLY WARRANTED

McSHANE BELL FOUNDRY CO.,
BALTIMORE, Md., U. S. A.
Chicago Office: Room 64, 154 W. Randolph St.
Established 1854



MESSRS. A. J. HICKMAN & CO., (late
Hickman & Scruby), Court Lodge, Egerton,
Kent, England. Exporters of

PEDIGREED LIVE STOCK

of all descriptions. Specialty made of draft horses,
Beef and Dairy Breeds of cattle, Show and Field
Sheep. Illustrated catalogues and testimonials on
application. All enquiries answered with pleasure.
Now is the time to import, prospects were never
better, and insurance against all war risks can be
covered by payment of an extra 1% only.

ALLOWAY LODGE STOCK FARM

ANGUS, SOUTH DOWNS, COLLIES,
PRIZE BULL CALVES AND
RAMS, COLLIE PUPS.

ROBT. McEWEN, R. R. 4,
London, Ont.

Beaver Hill Aberdeen-Angus

Males and females, all ages, for sale. Prices right.
ALEX. McKINNEY
Cheltenham, G.T.R. R.R. No. 1, Erin, C.P.R.

Questions and Answers. Miscellaneous.

Electric Light Plant.

Where may I get information, also
who handles the electric lighting plants
referred to in your paper of Nov. 16,
1916, under the heading, Automobiles,
Farm Machinery and Farm Motors.
Sub-heading, Some Facts about Electric
Lighting Plants?

W. R. K.

Ans.—R. A. Lister & Co., of Toronto,
manufacture an automatic lighting plant.
The Domestic Engineering Co., Dayton,
Ohio, manufacture what is known as the
Delco Light, which may be used for both
light and power. Write these firms for
information.

Anti-Freeze Mixture.

Can you tell me what mixture to use
in an auto radiator so it will not freeze
during the winter?

P. R.

Ans.—Wood or denatured alcohol is the
material generally used. To this is
sometimes added three or four ounces
of glycerine. A small radiator requires
2 quarts of wood alcohol and 2½ quarts
of denatured alcohol. The medium size,
1 gallon of the former and 5 quarts of
the latter, and the large size radiator,
5½ and 7 quarts respectively. This
amount of alcohol in the water that the
size radiator mentioned will hold, will
prevent freezing at zero. Where the
mercury drops to 20 degrees below,
3, 6 and 9 quarts of wood alcohol should
be used for the small, medium and large
sizes, respectively. Alcohol has a tendency
to evaporate and more must be added
from time to time to keep the solution
up to the desired strength.

Paying for Milk at the Cheese Factory.

We understand according to an answer
given to a question on December 21,
that there are two methods of paying for
cheese-factory milk; on the basis of its
fat content, as determined by the Babcock
test, or on the basis of the fat content
plus the factor 2. Wherein do the two
methods differ, or what is meant by
adding the factor 2? Could you possibly
give us a clear example of how a patron's
milk would be made up by each method
for a month?

H. A. C.

Ans.—When paying on a fat basis the
weight of milk would be multiplied by
the percentage fat, in order to find the
total fat content. Having determined
the price per pound butter-fat, the value
of the milk would be the weight of fat
multiplied by the price; for instance,
supposing 4,000 lbs. of milk were sent to
the cheese factory and it tested 3.5,
there would be 140 lbs. of butter-fat,
which, at 30 cents a pound, would come
to \$42.00. With the other method the
factor 2 represents the casein content
of the milk, and is merely added to the
percentage fat and figured out the same
way. The 4,000 lbs. would be multiplied
by 5.5, instead of 3.5. This would give a
larger number of pounds of solids, but
the price would not be so high, as price per
pound is determined by the total number
of pounds divided into the price. In the
Dairy Department of this issue a table
is published which shows clearly the
value of 100 pounds of milk according
to the different methods of paying.

Gossip.

The book entitled "Home Water-
works", by Lynde, which was listed at
84 cents in the books recommended for
farm reading, in the issue of December 28,
1916, should have been priced at \$1.00.

The Live Stock Journal Almanac.

The Live Stock Journal Almanac
for 1917 is now from the press and in
general circulation. Vinton & Co., Ltd.,
8 Brems Building, Chancery Lane,
London, England, have excelled previous
numbers in the 1917 Almanac. The
text is interesting, for practically all the
different breeds of live stock in this
United Kingdom are discussed from the
viewpoint of their progress during the
year, 1916. General articles are in-
cluded, the breed societies are listed
and many of the prominent breeders
have illustrated their good animals in
the pages of this edition.

Sydney Basic Slag

Let Us Learn Even From Our Enemies

In a Bulletin recently issued by the Minister of Agri-
culture in England, he points out that the food production
in Germany per acre is 50% greater than in the United
Kingdom, notwithstanding that German soils and climate
are distinctly inferior to those of Britain.

What is the Reason?

The Minister replies:

"That the chief cause of the increased production of
German soil is the increase in the use of fertilizers."

BASIC SLAG is the leading fertilizer used in Ger-
many, and there is on record the purchase by one single
German Agricultural Society of 620,000 tons in one year.

Isn't it Worth Your While to Investigate?

Send us your address, and we will post you some in-
structive literature, telling you all about BASIC SLAG.

The Cross Fertilizer Co., Limited
Sydney, Nova Scotia

Mr. Farmer!

Get your bricks in now during slighing. We have a large
stock of the famous Milton Red Pressed Brick on hand and can
give you immediate delivery.

Owing to the coal situation, later deliveries will doubtless be
advanced in price, so secure yours at once.

MILTON BRICK

For 25 years Milton Brick has been the standard of quality
and durability—and still leads.

Write to-day for samples and prices.

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MILTON, ONTARIO

IMPORTED SHORTHORNS

Cows and heifers in calf, or with calf at foot. Yearling bulls and bull calves. One of the best
importations of the year. You will be surprised when you see them.
WILL A. DRYDEN, Maple Shade Farm, BROOKLIN, ONT.

SHORTHORNS AND SHROPSHIRE—T. L. Mercer, Markdale, Ont.

Have sold all the Shropshires I can spare this season. Present offering in Shorthorns—ten really choice
young bulls, sired by Broadhooks, Golden Fame =50018= Imp., and out of such noted families as
Campbell-bred Clarets, Nonpareils, Marr Missies, Stamfords, Crimson Flowers, Village Girls and
Charming Gems, ranging from 9 to 16 months old. All good reds and roans.

Imported Shorthorns

J. A. & H. M. Pettit, Freeman, Ont.

40 more imported Shorthorns have arrived home
from quarantine. We now have 18 heifers in calf
and 19 cows with calves at foot, also a few good
imported bulls. They are all good individuals and
represent the choicest breeding. We can meet
visitors at Burlington Jct. at any time if notified.

SCOTCH SHORTHORNS, YORKSHIRES & OXFORD DOWNS

Our Shorthorns are of the most noted Scotch families and the Scotch (imp.) bulls, Joy of Morning
(imp.) =32070=, Benachie (imp.) =69954=, and Royal Bruce (imp.) =80283= have been used in
succession. Two choice bulls of breeding age and heifers for sale. Also sheep and swine.

Erin Station, C.P.R. L.-D Phone GEO. D. FLETCHER, ERIN, ONT., R. R. 1

ROYAL BREEDING SCOTCH SHORTHORNS HIGH-CLASS TYPE

of high-class, fashionably-bred Scotch Shorthorns in calf to Sittyton Sultan's Dale, a Mina-bred son of
Avondale, dam by Whitehall Sultan, is of interest. Come and examine my offering.

A. J. HOWDEN, Columbus, Ont. Myrtle, C.P.R., Brooklin, G.T.R.

SALEM SHORTHORNS

Herd headed by Gainford Marquis (imp.). A large number of either sex for
sale at all times.
J. A. WATT, Elora, Ontario