



PREVENT BLACKLEG LOSSES

by using
Scientifically Prepared Vaccines

Blackleg Vaccine
(Blacklegoids)
The reliable blackleg vaccine
in pill form.

Blackleg Aggressin
(GERM-FREE BLACKLEG VACCINE)
A natural aggressin.

Blackleg Filtrate
(GERM-FREE BLACKLEG VACCINE)
An aggressin made from cultures.

WRITE FOR FREE INSTRUCTIVE BOOKLETS ON
BLACKLEG AND ITS PREVENTION.

Animal Industry Department of
PARKE, DAVIS & CO.
WALKERVILLE, ONT.

Aberdeen - Angus

A few typey young bulls and females to
offer, of choice breeding and individuality.

Shropshire and Southdown Sheep

Yearling Rams and Ewes for breeding
purposes or fitted for the show ring.

Inspection invited, satisfaction assured.

Larkin Farms - Queenston, Ont.

Messrs. A. J. Hickman & Co.
Halse Grange - Brackley, England

Exporters of all Breeds
of Pedigree Live Stock.

Send for an illustrated catalogue and see what
we can do for you. Whether you want show
or breeding stock, buy direct from
England and save money.

Sunny Acres Aberdeen - Angus

Present offering—A few young bulls
ready for service.

G. C. CHANNON, Oakwood, Ontario
Telephone—Oakwood. Railway—Lindsay,
G. T. R. and C. P. R.

Aberdeen - Angus

Meadowdale Farm
Forest, Ontario

Alonzo Mathews **H. Fraleigh**
Manager Proprietor

Shorthorns

Present offering: Six young bulls, Reds
and Roans; also a number of females.
They have size, quality and breeding,
from good milking dams. Prices moder-
erate. Satisfaction guaranteed.

CHAS. GRAHAM - Port Perry, Ont.
Fall Wheat Seed for Sale, "Abundance"

A heavy yielder. Grown from selected seed and
clean; \$3.30 per bush. Bags free.
G. PEAL **Rockwood, Ontario**

small farmers, the Department secured
11,694 horse plows, with harness and
implements.

Having assured greater corn produc-
tion, the Department then made provision
for threshing. It was found that the
country was not only short of threshing
machinery, but that the existing machi-
nery was badly distributed. Four
hundred and thirty-six threshing ma-
chines were, therefore, ordered, and the
distribution was made more suitable to
the prevalent conditions. There was
work for still more machinery, but it was
impossible to secure the machinery from
firms already taxed to the utmost with
other work. In harvesting plant there
was also a great shortage, and provision
had to be made for 6,500 binders, 4,218 of
which were used for County Executive
Committees and the remainder released
for sale. All sales were subject to the
approval of the Department, whereby it
was ensured that the machines should go
to the counties that stood most in need
of them.

The following figures show the ma-
chinery, implements and accessories pro-
vided by the Department:—

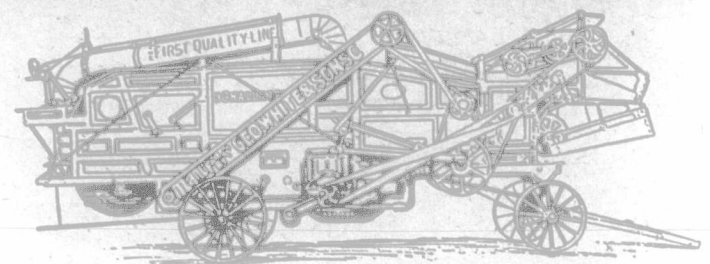
TRACTOR SCHEME	STEAM TACKLE
10,808 Tractors	65 Complete Sets
10,755 Plows	436 Threshing
1,677 Cultivators	Machines

TRACTOR SCHEME.
1,758 Disc Harrows.
1,078 Trailer Boxes
249 Tool Boxes
106 Land Pressers
960 Ford Box-Vans
131 Motor Cars
109 Motor Cycles
6,318,532 gal. Paraffin
1,011,868 gal. Petrol
773,880 gal. Lubricating Oil
264,544 lbs. Grease

HORSE SCHEME.
11,694 Horses with Harness
6,500 Binders
10,240 Plows
250 Potato Diggers
367 Mowers and Reapers
3,684 Rollers
2,590 Cultivators
2,239 Drills
576 Furrow Pressers
5,500 Harrows
1,658 Carts
1,604 Wagons and Lorries
114 Spraying Machines

Shortly after the Armistice it was con-
sidered desirable that the Government
operations should cease, and that the
whole of the acquired plant in their hands
should be disposed of, but in such a way
as not to upset any arrangements already
entered into by County Executive Com-
mittees, and also to give farmers who
knew the machinery and accessories an
opportunity of acquiring them. The ma-
jority of counties decided to commence
disposal early in 1919, but a few counties
were so committed that they were com-
pelled to continue up to the end of the
1919 harvest. All work definitely ceased
however, on the 30th September last,
and the whole of the stock has now been
disposed of. Over 1,000 sales have been
held in market towns convenient to the
place where the materials had been used,
and in most cases farmers were the
purchasers.

Apart from the provision of the above
plant for the purpose of prosecuting their
scheme, the Department undoubtedly
did a very great service to farmers, as for
a considerable period of the war little or
nothing had been done by manufacturers
in this country—who were engaged on
other work—to replace wastage and to
supply the need for new implements, and
but for those made available for farmers
by the Department, a very difficult
situation would have arisen. Further,
the Department's Tractor Scheme, as is
generally recognized, has hastened
mechanical cultivation by many years.
Before the Department embarked on their
Scheme it is doubtful whether there were
500 tractors in this country, whereas it is
fairly safe to say that there are now
20,000, and that the character of imple-
ment yards all over the country has been
entirely transformed. The sum realized
from the sale of the machinery, horses
and implements above referred to shows
that only a depreciation of 30 per cent.
occurred on the purchase amount, which
is very gratifying when it is remembered
that the materials received the roughest
treatment in breaking up hard ground
and rough handling by make-shift drivers
and mechanics."—Journal of Board of
Agriculture.



What does a breakdown cost?

Threshing is a short-season
business. Every day counts.
If you miss a day or two, or
even part of a day during the
threshing season, you lose a
part of your profits, with no
chance to make it up again.

But that's only one loss. You
have a gang of men on high
wages. They are idle if you
have a breakdown.

Then there's the cost of the
repairs.

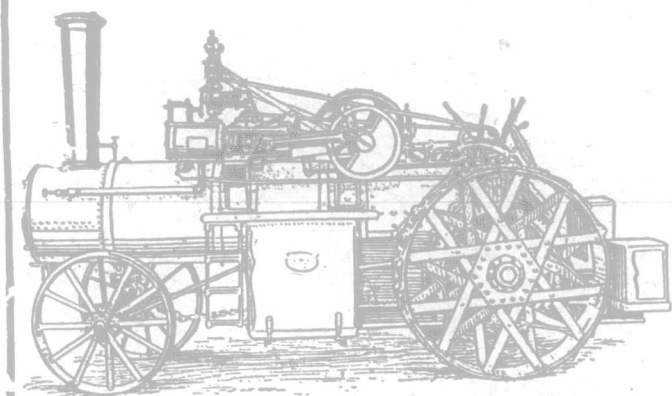
Altogether, breakdowns are very ex-
pensive for a thresherman. That's
why it pays to get good machinery
at the start, and that's why we build
our machines with such great over-
strength in every part. That's why
we choose the highest grade of ma-
terial. That's why we are so par-
ticular about the workmanship that
goes into "The First Quality Line."

For two generations we have made
a specialty of Threshing Machinery,
and have won the reputation of pro-
ducing high-grade machinery. It is
to your interest to see the White
Threshing Machines and White
Tractors before you make your in-
vestment.

Full information and descriptive catalogue will be sent on request

The Geo. White & Sons Co., Limited

Makers of the White-Allwork Kerosene Tractor



LONDON,
ONT.

Moose Jaw,
Sask.

Brandon,
Man.

"THE
FIRST
QUALITY
LINE"

IMPORTED AND CANADIAN BRED SCOTCH SHORTHORNS

We now have a number of 8 and 10 months old calves from imported cows, several
of which are imported-in-dam. Write us also for bred-heifers. We have
a choice lot bred to one or the other of our three imported
herd sires. Prices right and inspection invited.

J. A. & H. M. PETTIT (Burlington Station) **FREEMAN, ONT.**

Spring Valley Shorthorns—Herd headed by Sea Gem's Pride 96365. We
have a number of good bulls for sale, including
the Champion Ivanhoe 122760, and his full
brother also, an extra well-bred Rosewood, and others. Write for particulars.
Telephone and telegraph by Ayr. **KYLE BROS., Drumbo, Ont.**

Imported Scotch Shorthorns For Sale—Three imported bulls, one yearling
one two-year-old and our three-year-old
sire; also a choice two-year-old Orange Blossom of our own breeding, and three well-bred bull calves
about a year old. Would consider exchanging an imported bull for Scotch females.
R. M. MITCHELL, R.R. No. 1, Freeman, Ont.

Plaster Hill Herd Shorthorns CANADA'S OLDEST DUAL-PURPOSE HERD
ESTABLISHED 1859

Herd sires: Green Leaf Record 96115. Sire and dam imported of best English breeding. Commodore
130056, bred by late S. A. Moore. His two nearest dams average 12112 lbs. Seven young bulls
from R.O.P. cows. Tubercular free herd. **ROSS MARTINDALE, R. R. 3, Caledonia, Ont.**

20 Bulls—SPRUCE LAWN—100 Females—Clydesdales, Shorthorns, Yorkshires. Herd
headed by Imported Golden Challenger 122394,
a Rubyhill, bred by Earl of Northbrook, by Ascott Challenger, bred by L. De Rothchild. Special
bargains in farmer's bulls. Cows and heifers in calf, yearling and heifer calves. Yorkshires either sex.
J. L. and T. W. McCAMUS, Cavan, C.P.R.; Millbrook, G.T.R. and P.O., Ont.

Three Choice Scotch Shorthorn Bulls for Sale—A rare opportunity to secure a high-
class herd sire of the best quality and breed-
ing, sired by Gainford Eclipse 103055. Red and two roans. Make it a point to see these bulls at
Toronto and London Exhibitions.
DUNCAN BROWN & SONS, Props., Walnut Grove Stock Farm, Sh