



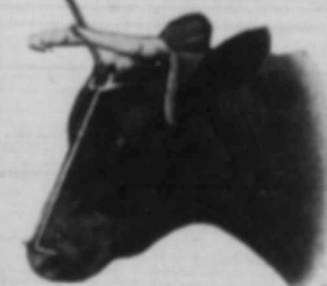
Phil.
Barney
Humane

CATTLE POKE

Guaranteed to hold the wildest cattle and break them of bad habits. Does not interfere with feeding. Easily put on in a minute with any handy strap.

Price \$1.00 No. 1, Yearling size.
each No. 2, Old cattle size.

Write for references from
farmer users.



Phil. Barney Co. Ltd.

(Reference: Merchants Bank)
P.O. BOX 266 WINNIPEG

"JOINTINE"

is a successful remedy for Joint Ill, Blood Poison and Leakage of the Navel in Colts, and Blood Poison in Distemper. Satisfaction guaranteed or money refunded. "Jointine" should be kept on hand, as it is harder to cure if not given in time. Put up in tablet form; easy to give; given internally. If your druggist doesn't keep it, order direct. Mailed to any country upon receipt of price. \$1 per box. Twelve months supply required.
T. E. BOWMAN SOONE, NEB.



Trade Mark
Reg. in U.S. and
Canada

A PATRIOTIC DUTY

IS TO

SAVE YOUR CATTLE

PROTECT THEM FROM

BLACKLEG

BY USING

BLACKLEGOIDS

DOUBLE AND SINGLE
VACCINATIONS IN PILL FORM.

Each Blacklegoid is a dose of blackleg vaccine in pill form ready to inject under the skin of the animal.

Accurate. Easy to Use. Efficient.

NO DOSE TO MEASURE.
NO LIQUID TO SPILL.
NO STRING TO ROT.

Used and endorsed everywhere that blackleg is known.

Order through your Veterinarian or Druggist.

Write for Free Booklet on Blackleg.

ANIMAL INDUSTRY DEPARTMENT OF

PARKE, DAVIS & CO.

WALKERVILLE, ONT.

Sterility in Animals

The term "sterility" is used to designate a state of unproductiveness in either the male or female. Other terms are also commonly applied, thus in the case of males the term "impotency" is frequently used, and in females the term "barrenness."

Sterility, or impotency of the male may be either temporary or permanent. It sometimes occurs in stallions following an attack of some infectious febrile disease, such as influenza. It may result in both stallions and bulls from too frequent service, particularly before maturity and from acquired bad habits, chiefly masturbation.

The maintaining of stallions and bulls closely confined in stalls without sufficient exercise, and keeping them pampered and over-fed with consequent excessive fatness, tends to greatly reduce their procreative powers, and may ultimately render them entirely impotent.

Defects and imperfect development of the testicles are also causes. The Cryptorchid, or ridgling animal, with one or both testicles absent from the scrotum, is very liable to be less productive than those which have both testicles present in the scrotum.

In many cases the question as to whether a stallion or bull is infertile may be determined by means of a microscopic examination of the semen as to the motility of the sperm cells, or seed it contains. If the sperm cells are absent, or if those present in the semen are inactive and show no power of movement, it indicates infertility of the male.

The prevention of sterility in male animals requires proper methods of feeding, regular exercise, and avoiding excessively frequent service. Many young stallions and bulls of good merit are rendered impotent by excessive sexual use before maturity. Excessively frequent sexual service of mature males also renders them less sure, causing the failure of many of the mares covered by them to conceive.

The young stallion or bull, during the first season of use, should be restricted to service not more frequent than once every third day during the breeding season. Mature males should be restricted to two services, and exceptionally three, in a single day, during the breeding season. A good vigorous stallion or bull, properly handled, may capably attend to 100 females during the breeding season.

In the case of stallions and bulls impaired in procreative usefulness, and seemingly impotent, in that many of the females served by them fail to conceive their breeding usefulness can be greatly improved and restored at times by the use of repeated small doses of Yohimbin, or of preparations containing that drug. The Yohimbin treatment is worthy of a trial in cases of impotency in males. It can be obtained through reputable veterinarians and used under their directions.

Tankage as Hog Feed

Judged by the standard of the amount of feed required for pounds of gain, the pig makes his cheapest gains while comparatively young. It is true the gain per day is not so large, but the food required is less.

If every advantage is taken to produce growth and development and not too much fat while the pig is young, reasonable profit can be looked forward to. It is well nigh impossible to fatten pigs successfully unless they have been well grown out before the finishing period commences.

Little pigs ordinarily start to eat from the trough when about three weeks of age. Once they have learned to eat, best results are obtained by providing a low trough for them which is not accessible to the sow. In this way materials more suitable to the young pigs can be supplied in the ration. Under normal conditions a little middlings or shorts stirred in the skim milk is very excellent. However, undoubtedly due to war conditions, the quality of middlings obtainable is much lower than that of a few years ago. The product is much redder in color, contains more of the finer bran and less

"Harnessing the Air" to Save Butterfat

The air is a great wizard. Properly employed, (as in a Sharples Suction-feed Separator) it will save North America more than eighty million pounds of butter which fixed-feed separators waste because 95% of them are turned below speed much of the time.

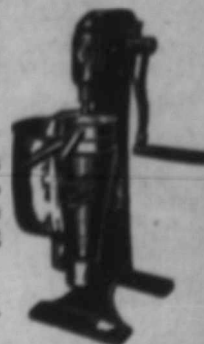
The Sharples Suction-feed principle really harnesses the air and makes it work for you. By means of the suction-feed, just enough milk enters the tubular bowl as can be perfectly separated. As your speed varies so does the suction-feed. Thus, Sharples saves the cream waste that results when fixed-feed separators are turned under speed.

SHARPLES SUCTION-FEED CREAM SEPARATOR

Skims Clean at Any Speed

While air is free to everybody, yet the suction-feed principle is exclusive with Sharples and fully protected. Bear that in mind when you investigate a separator and insist on knowing if it will skim clean at any speed. Get proof.

There are no discs in a Sharples tubular bowl which adds further to its superiority. The one-piece bowl is easy to clean, easy to turn—even for a boy. Write nearest office for catalog, addressing Dept. 84



Toronto, Ont. The Sharples Separator Co. Regina, Sask.

The Mitchell & McGregor Hardware Co., Brandon, Man.

Distributors for Manitoba

85-86

Percheron - Belgian STALLIONS and MARES

One of the most famous and largest breeding herds in the world, as a producer of champions this herd has no superior. 60 Stallions and 75 Mares of breeding ages for sale. Regarded as the best farm in America to come to for the right kind, at growers' prices. All papers correct for acceptance by Canadian Registry and Canadian authorities. Make your plans now to visit this "hardest farm in America" this Fall.

Fred Chandler, R7 Chariton, Iowa

DIRECT BELOW ST. PAUL



BULLS FOR SALE

The Saskatchewan Department of Agriculture is prepared to supply Pure-Bred Bulls of the Shorthorn, Hereford, Aberdeen-Angus, Holstein or Ayrshire breeds to Saskatchewan farmers on the following terms:—

Quarter Cash with order, balance payable December, 1918 and December, 1919, with interest at Six Per Cent.

These Bulls have all been personally selected and are a choice lot.

Prices Reasonable.

For Particulars Apply to

A. M. SHAW

Livestock Commissioner

REGINA

SASK.