

Success Manure Spreader Has Light Draft Roller Bearings

When purchasing a manure spreader you naturally look for the lightest draft machine, but you need look no farther than the "Success" spreader. The "Success" has always been the lightest draft manure spreader, and the recent introduction of Five Sets of Roller Bearings still further decreases the draft—places the "Success" far ahead of its competitors.

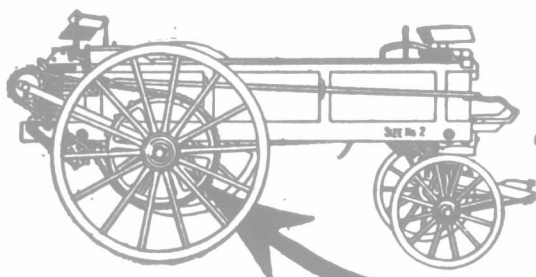
The arrows show you where these draft-reducing Roller Bearings are located—one set on either end of the rear axle, one on either end of cylinder shaft, one in the combination gear and sprocket. Thus, you see, the "business end" of the spreader—the mechanism that has the work to do—is made to run with the greatest ease and smoothness.

These "Roller Bearings" prevent the wearing out of boxes and other bearings—and add years to the life of the machine. They decrease the draft at least the equal of a horse.

These "Roller Bearings" are accurately cut out of cold rolled steel and rivetted together in substantial, durable boxes. They can be removed from the machine without coming apart.

If you want the easiest running, most durable, greatest improved manure spreader in the world buy the New 1909 "Success."

A Simple instantaneous change of Feed Device. One lever moves a pinion from one row of teeth to another on a Disc Gear, without separating pinion and gear and no ground is skipped.

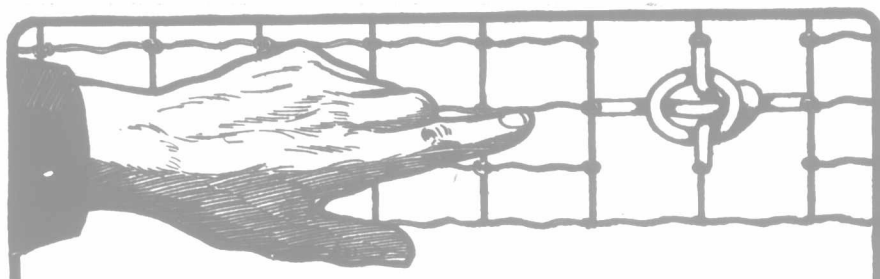


B Force Feed Worm and Gear Drive guarantee smooth and positive motion of the apron whether going up or down hill, or on level.

C Beater of "Success" is driven by Direct Steel-Pinned Chain Drive. This method makes "Success" lighter draft than any other spreader.

ARROWS ALL POINT TO ROLLER BEARINGS ON BUSINESS END OF "SUCCESS" SPREADER.

THE PARIS PLOW CO., LIMITED, PARIS, ONT.
Western Agents: The John Deere Plow Co., Ltd., Winnipeg, Regina Calgary and Edmonton
Agents for Quebec and Maritime Provinces: Frost & Wood Co., Ltd., Montreal, Quebec, St. John, N.B.



STANDARD WIRE FENCE

Look at it yourself. See how "The Tie That Binds" is driven farther around, so that it has a hook on the line wire that can't slip off.

Being driven at an angle, it can't injure the running or upright wires. Study the wire fence question in our book. Sent free on request. Also sample lock.

THE STANDARD WIRE FENCE CO. OF WOODSTOCK LIMITED.

WOODSTOCK, ONT.

FOR WORK ON YOUR FARM, WE RECOMMEND THE St. Marys Automatic Gasoline Engine

IT WILL DO A MAN'S WORK FOR A FEW CENTS A DAY.

A FEW POINTS OF SUPERIORITY:

- No Cooling Tank: Water is carried on top of cylinder.
- No Outside Gasoline Tank: Gasoline is carried in the bed.
- Mounted on Skids: Very light, but very strong.
- Starts without cranking, anywhere, any time.
- Fewer parts than any other engine.
- Most compact, simple and economical engine in Canada.

A. W. PARKS & SON, PETROLEA, ONTARIO.
GASOLINE ENGINE EXPERTS.



ARTIFICIAL MARE IMPREGNATORS

Impregnators for getting in foal from 1 to 6 mares from one service of a stallion or jack, \$3.50 to \$6.00. The popular Safety Impregnating Outfit, especially adapted for impregnating so-called barren and irregular breeding mares, \$1.50. Breeders Bags, Serving Hobbles, Stallion Brindles, Body Rollers, Shields, Supports, Emasculators, Eversours, Service Books, etc. First quality goods only. All prepaid and guaranteed. Write for FREE Stallion Goods Catalogue.

CRITTENDEN & CO., DEPT. 38 CLEVELAND, OHIO, U.S.A.

Stallion Goods

QUESTIONS AND ANSWERS. Miscellaneous.

DIVIDING A SILO.

I intend to build a silo in a barn, the length being 28 feet and the width 15 feet. Would you advise us to make two siloes of it by dividing it in the length? We thought it would be too long for the width to stand the pressure. S. B.

Ans.—We would advise dividing the silo into two compartments, for the special reason that the surface of the silage can be lowered more rapidly in feeding, thus reducing the chance of daily allowance being fed in a dry, moldy, or partially-spoiled condition. Doubtless, also, the partition would add strength to the long walls. The corners should be rounded, else the silage will not settle sufficiently to keep well.

SEED CORN FOR PLANTING ACRE.

How much corn does it require of the Longfellow variety to plant one acre of ground in squares three and a half feet each way, about six kernels in a hill? Also how much of White Cap Yellow Dent? How much Longfellow corn, drilled in, say nine to twelve inches apart, rows three and a half feet apart, does it take to plant an acre?

J. C. R.

Ans.—Standard Longfellow, planted in hills 42 inches each way, would require about 15½ pounds of seed; the White Cap Yellow Dent, planted the same way, would require 16 pounds. This calculation is based on six kernels per hill. If Longfellow is planted in drills 42 inches apart, and 12 inches in the drill, 9 pounds of seed will be required.

L. S. KLINCK.

AILING HENS.

What is the cause of hard, calloused lumps in fowl? I have found as many as six in one hen. The hen appeared to be in good health. What is the cause of hens getting white around head and eyes, moping around for a week or more before they die? I had several, all young hens. I chopped the head off one; the blood was nearly white; I examined the inside, the liver appeared to be a light color. A READER.

Ans.—The symptoms are those of atrophy, or wasting of the liver, acute anemia, or tuberculosis of liver, and, mayhap, other internal organs. The hard lumps are suspicious. In tuberculosis there is usually diarrhea towards the end. A sick, but live fowl, should be sent to Dr. Higgins, Biological Laboratory, Experimental Farm, Ottawa, for examination and determination as to the exact nature of the disease. There is no cure in the case of tuberculosis, hence the urgent necessity of early action. A. G. G.

TUBERCULOSIS.

I have about one hundred hens, mostly young ones. I noticed lately some of them appear to be lame, and look stupid. I had two or three die and six or seven more sick; they seem to linger on for a time. I brought one in that died today. I opened her. There was quite a lot of dark-colored blood in it. The liver was enlarged and spotted, the bowels had a great number of hard growths on them, different sizes. One was as large as the yolk of a hen's egg. I cut it open. It was composed of a little blood and light-colored, hard, almost cooked material. There was some yellow parts of eggs in her; the inside of them was the color of cooked liver, and cooked looking. There was food in the crop. The majority of them looked quite smart; combs red. I got from fifteen to twenty-five eggs a day during February and March. Could you tell me what is wrong with them, and what to do for them? MRS. D. McC.

Ans.—The symptoms are those of tuberculosis. A live, but sick fowl, should at once be sent to Dr. Higgins, Biological Laboratory, Experimental Farm, Ottawa, for examination, and report as to whether the disease is tuberculosis or no. This should be done at once. It is important to know, for, if tuberculosis, there is no cure. The fowls will continue to die one by one or by twos and threes, until all are gone. It is quite possible the disease may have been introduced by an acute form of liver disease, hence it is all-important to have an immediate determination as to the exact nature of the ailment.

Your Little Girl Can Do The Washing WITH THE "New Century" Washing Machine

It's far easier than churning or running a sewing machine. No rubbing—no work. Just turn the handle for 5 minutes and the clothes are washed—snowy white. Has a strong wringer stand that allows the water to drain right into the tub.

Price delivered at any railway station in Ontario or Quebec—\$9.50. Our booklet tells how to turn wash day into child's play. Write for free copy. 88

Dowdell Mfg. Co. Limited, Hamilton, Ont.

You cannot possibly have a better Cocoa than

EPPS'S

A delicious drink and a sustaining food. Fragrant, nutritious and economical. This excellent Cocoa maintains the system in robust health, and enables it to resist winter's extreme cold.

COCOA

Sold by Grocers and Storekeepers in ½-lb. and 1-lb. Tins.

You can make the walls of your home more attractive than your neighbors' paper-covered walls. Just decorate with Alabastine. None genuine without a little church on every package.

You will enjoy decorating with Alabastine. So easy! Alabastine simply requires addition of cold water. And by following the directions on package any woman can apply it to the walls successfully.

Church's Gold Water

Alabastine

Because of its sanitary features Alabastine is endorsed by eminent physicians. These features, as well as its economy and durability, are fully explained in our book, "Homes, Healthful and Beautiful." We would like to have your name and address so as to mail you a copy free. 5 lb. package 50c. at hardware stores.

The Alabastine Co., Limited
31 Willow St., Paris, Ont.