

Household Economy

How to Have the Best Cough Syrup and Save \$2. by Making it at Home.

Cough medicines, as a rule, contain a large quantity of plain syrup. If you take two cups of granulated sugar, add one cup of warm water and stir about two minutes, you have as good syrup as money could buy.

If you will then put 2½ ounces of Pinex (50 cents' worth) in a 16-ounce bottle, and fill it up with the Sugar Syrup, you will have as much cough syrup as you could buy ready made for \$2.50. It keeps perfectly. Any housewife can easily prepare it in five minutes.

And you will find it the best cough syrup you ever used—even in whooping cough. You can feel it take hold—usually stops the most severe cough in 24 hours. It is just laxative enough, has a good tonic effect, and taste is pleasant. Take a teaspoonful every one, two or three hours.

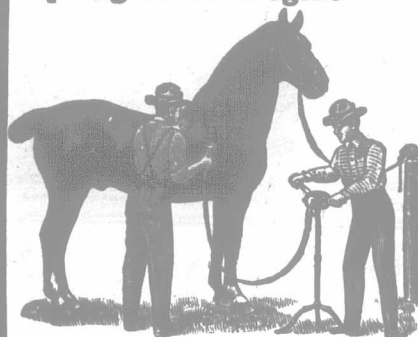
It is a splendid remedy, too, for whooping cough, croup, hoarseness, asthma, chest pains, etc.

Pinex is the most valuable concentrated compound of Norway white pine extract, rich in guaiacol and all the healing pine elements. No other preparation will work in this formula.

This recipe for making cough remedy with Pinex and Sugar Syrup is now used and prized in thousands of homes in the United States and Canada. The plan has often been imitated, but never successfully.

A guaranty of absolute satisfaction or money promptly refunded goes with this recipe, if the genuine Pinex is used. Your druggist has Pinex, or will get it for you, if you ask him. If not, send to The Pinex Co., Toronto, Ont.

Your Horses are Entitled to a Haircut Before the Spring Work Begins



Farmers and horse owners of England and France have done it for years and it is done now by progressive owners everywhere in this country.

No way to do it so easy, so quick or so well has ever been devised as with a

Stewart Ball Bearing Clipping Machine The price of this splendid machine is only \$9.75

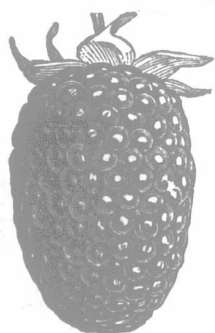
at your dealers direct. It is used in every civilized country, has all file hard cut steel gears, enclosed, protected and running in oil.

Get one from your dealer or send \$2 and we will ship C. O. D. for the balance. Send now.

Chicago Flexible Shaft Company
110 La Salle Ave. Chicago

Write for our new catalogue showing the worlds largest and most modern line of horse clipping and sheep shearing machines.

MALLORY'S SEED CORN



\$1.10 to \$1.25 per bushel. Returnable at our expense if not satisfactory. Samples mailed free on request. Strawberry plants \$3.00 per 1,000; Raspberries \$6.00 per 1,000; Blackberries \$2.00 per 100 and up; 150 Strawberry plants \$1.00, or 200 Strawberry and 50 Red Raspberry plants sent post paid for \$2.00. **Gibraltar Black Cap**, greatest yielder at Experimental Farm. Send for price list.

N. E. MALLORY, Blenheim, Ont.

Clydesdale Stallion for Sale—Prince Charles (12573), foaled June 12, 1910; dark bay and stripe; weight, 1,250 lbs. An all-round good horse, full of life and quality. Will be sold worth the money. Write, or come and see.

JOS. W. HOLMAN, Columbus, Ont.
Myrtle, C. P. R.; Brooklin, G. T. R.

QUESTIONS AND ANSWERS. Miscellaneous.

CANNIBAL PIGS.

What is the cause of pigs acting like cannibals and chewing one another up? We had a pen of eight shoats, apparently healthy and thriving, and six set upon the other two and tore them up badly, so that we had to take them out. This is the third time that this has happened, at intervals of several years, and once I had some so badly worried before I noticed them that they died. One farmer told us that when this happens in a pen of pigs, he just turns in the crossbred old sow that he has amongst them, and that generally stops their fighting. But if "The Farmer's Advocate" can tell us the cause of the trouble, it would be best to remove it.

S. A.

Ans.—We do not know the cause, but a preventive recommended is ringing the nose of the offender or offenders. Indigestion may be a cause, and access to charcoal, wood ashes, or gravel, may tend to satisfy the unnatural appetite.

MATERIAL FOR PLANK-FRAME 40 x 70.

I would like to get the bill of material for a plank-frame barn, 40 x 70, and 20-foot posts.

W. T. W.

Ans.—The following is a complete list of all the timber required to build a modern plank-frame, of the size given above, and having posts 20 feet high:

Four Interior Bents.

16 side posts 2 x 8 in. x 20 ft.
16 purlin posts 2 x 10 in. x 32 ft. 6 in.
8 roof supports 2 x 12 in. x 30 ft.
8 sub-supports 2 x 6 in. x 14 ft.
16 struts 2 x 4 in. x 4 ft.
8 main ties 2 x 8 in. x 6 ft.
8 main struts 2 x 6 in. x 6 ft.
8 intermediate ties 2 x 8 in. x 5 ft.
8 minor ties 2 x 8 in. x 4 ft.
16 cross sills 2 x 8 in. x 20 ft.
8 collar ties 2 x 12 in. x 4 ft.

Two End Bents.

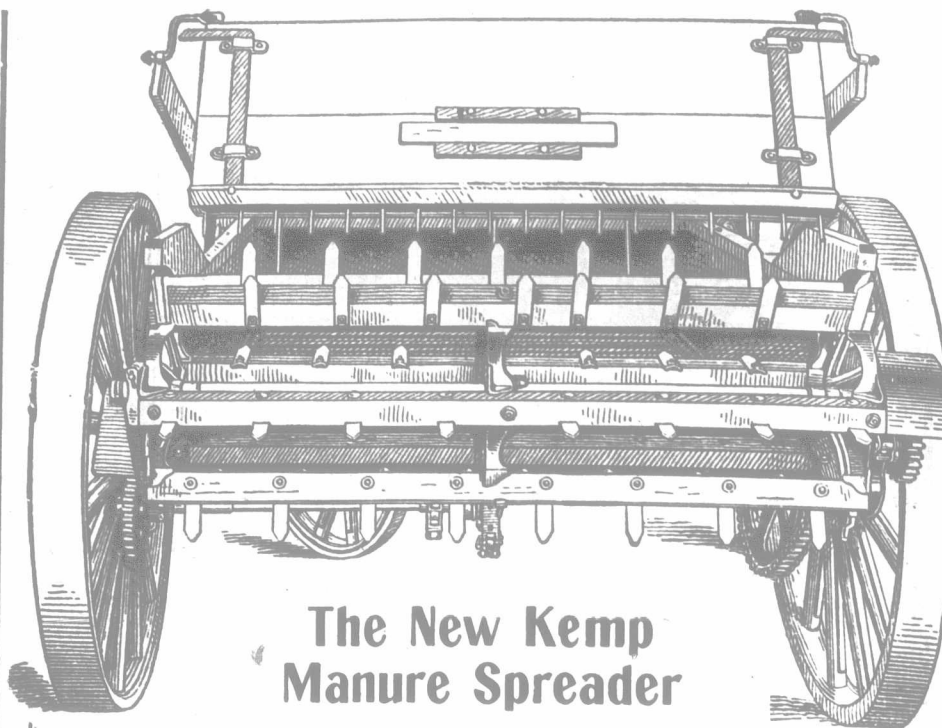
8 side posts 2 x 8 in. x 20 ft.
8 purlin posts 2 x 10 in. x 32 ft.
8 side sills 2 x 8 in. x 20 ft.
8 beams 2 x 8 in. x 20 ft.
8 center posts 2 x 8 in. x 20 ft.
4 center post fillers 2 x 4 in. x 20 ft.
4 center post stiffeners 4 x 6 in. x 20 ft.
2 end beam stiffeners 2 x 12 in. x 24 ft.
24 end girths 2 x 6 in. x 13 ft. 4 in.
4 end braces 2 x 6 in. x 23 ft.
4 end braces 2 x 6 in. x 22 ft.
4 purlin post braces at ends 2 x 6 in. x 12 ft.
4 center gable stiffeners (vertical) 2 x 8 in. x 20 ft.
4 gable girths 2 x 6 in. x 16 ft.
4 gable girths 2 x 6 in. x 15 ft.
4 gable girths 2 x 6 in. x 13 ft.
2 gable girths 2 x 6 in. x 14 ft.

Side Timbers.

10 side sills 2 x 8 in. x 14 ft.
10 side sills 1 x 8 in. x 14 ft.
6 end sills 2 x 8 in. x 14 ft.
6 end sills 1 x 8 in. x 14 ft.
44 side girths 2 x 6 in. x 14 ft.
20 side plates 2 x 8 in. x 14 ft.
20 purlin plates 2 x 8 in. x 14 ft.
12 splicing pieces 2 x 8 in. x 4 ft.
10 side plates 2 x 10 in. x 14 ft.
8 center uprights 2 x 8 in. x 20 ft.
16 side braces 2 x 6 in. x 21 ft.
4 diagonal corner ties 2 x 10 in. x 14 ft.
4 purlin post stiffeners 2 x 6 in. x 24 ft.
8 roof support stiffeners 2 x 6 in. x 18 ft.
58 lower rafters 2 x 6 in. x 19 ft. 6 in., without projection 16 ft. 6 in.
58 upper rafters 2 x 6 in. x 17 ft. actual, without allowance for projection 16 ft. 6 in.
20 pieces 2 x 6 in. x 12 ft., braces, etc.

TRADE TOPIC.

A POPULAR LADIES' COLLEGE.—A course of ten lectures by University of Toronto extension lecturers, is a marked success at Alma Ladies' College, St. Thomas, Ont., this winter. The annual Conversazione was held February 16th, 1912. Between 600 and 800 guests were present. The occasion was one of delightful interest. The present registration of students so covers the capacity of the residence that all guest-rooms and other special rooms have been assigned to use of the students.



The New Kemp Manure Spreader

Invented by a Canadian farmer, Mr. J. S. Kemp.

Made by oldest manufacturers of Manure Spreaders in the world. Draft one horse lighter than any other Spreader built. Strongest Spreader built.

Only Spreader equipped with J. S. Kemp's Patented Reversible, Self-Sharpening, Graded, Flat Tooth.

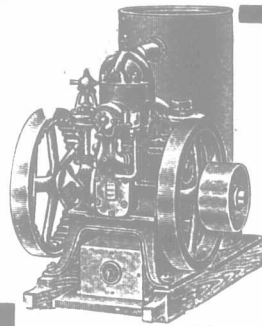
Handles all kinds of material found on the farm, even clear gum or rotted material.

This is the only Spreader that will do it satisfactorily.

Write to-day for catalogue and J. S. Kemp's article on Saving and Application of Manure.

THE W. I. KEMP COMPANY, LIMITED Stratford, Ontario

Also manufacturers of the Imperial Horse-lift Disc Drill—the only Drill equipped with the Horse-lift.



This Engine Runs on Coal Oil

Every farmer can afford an Ellis Coal Oil Engine. They give far more power from coal oil than other engines do from gasoline. They are safe, as well as cheap; no danger of explosion or fire.

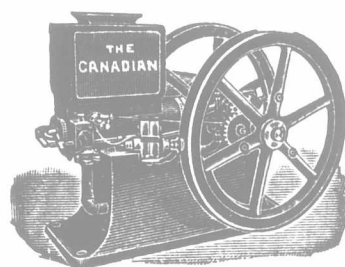
The strongest and simplest farm engine made; only three moving parts: nothing to get out of repair. Anyone can run it without experience. Thousands of satisfied customers use these engines to grind feed, fill silos, saw wood, pump, thresh, run cream separators, and do dozens of other jobs. Cheaper than horses or hired men. Fill up the tanks and start it running, and no further attention is necessary; it will run till you stop it.

FREE TRIAL FOR 30 DAYS. You don't have to take our word for it. We'll send an engine anywhere in Canada on Thirty Days' Free Trial. We furnish full instructions for testing on your work. If it does not suit you send it back at our expense. We pay freight and duty to get it to you and we'll pay to get it back if you don't want it.

Absolutely guaranteed for 10 years. Write for free catalog and opinions of satisfied users. Special offer in new territory.

3 to 15 horse-power
We Pay Duty and Freight

**Ellis Engine Co., 94 Mullett Street
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HOPPER COOLED ENGINE

THE BEST

For every purpose is the CANADIAN ENGINE. Most simple, durable and economical. Sizes, 1½ h.-p. to 35 h.-p.

The Canadian-American Gas & Gasoline Engine Co., Ltd.

Dunnville, Ontario

FROST & WOOD CO., LTD., Smith's Falls, Ont.

Exclusive selling agents for Eastern Ontario, Quebec and Maritime Provinces.

POLES OF STERLING QUALITY

Michigan White Cedar Telephone Poles

W. C. STERLING & SON COMPANY

Oldest Cedar Pole Firm in Business

Producers for 32 Years

1880

MONROE, MICHIGAN

1912

Imp. Stallions and Mares—Percheron, Shire, French Coach and Standard-bred, ages from 3 to 8 years. Many first prize, champion and gold medal winners at Ottawa Fair, 1911. All for sale cheap. Write or come to our barns. Terms to suit purchasers. Stallions two winters in Canada makes them much surer as foal-getters. Sixty miles from Ottawa on C. P. R. North Shore line, and one mile from C. M. R.

J. E. IARNOLD, Grenville, Que.