

**PROOF**  
OF  
**EXTRAORDINARY VALUE**

The following is one of many similar letters **The Public** is continually receiving from its Canadian and Old Country readers.

129 Hanley Rd., London, May 28, 1912

**THE PUBLIC,**  
Chicago, Ill.  
Gus Jones & Herewith please find enclosed postal order for \$1.50 being amount of my subscription and foreign postage to the last paper on the North American Continent, and for the money the best, clearest and most informative paper in the English speaking world. This is an expression of opinion from a close student of American newspapers for the past twenty-four years and English, Australian, Canadian and other British papers for the past forty years. Good luck always to Louis E. Post and his associates and more power to his pen.  
Yours very truly,  
EDWARD C. WEATHERLY

**THE PUBLIC** is published weekly for \$1.50 a year. A FREE book, "The Land Question" by Henry George, just now goes with each subscription. It will pay you to subscribe.  
**The Public, Ellsworth Bldg., Chicago, Ill.**

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on Milk for Calves and  
**Make More Money**

Raise healthy, thrifty, vigorous calves at the lowest possible cost. You can do this by using

**CALFINE**  
"The Stockman's friend"  
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Feeding directions sent on application.

Ask your dealer for Calfine. If he does not handle it, send us a money order for \$2.75, and we will send 100 lbs. to any station in Ontario. We pay the freight.

**CANADIAN CEREAL AND MILLING CO., LIMITED**  
TORONTO, CANADA

**FARM MANAGEMENT**

**Size of Silo to Build**

Prof. C. H. Eckles, University of Missouri.

The size of the silo that should be built will depend upon the number of animals to be fed. As a rule, the mistake is made of building the silo too large in diameter rather than too small. The silo should be small enough so that the animals will consume a quantity each day equal to a layer of at least two inches over the entire surface. Silage keeps better in a deep silo than in a shallow one, because it is more firmly packed and at the same time more feed can be stored in the same space. Except with a very large herd it is not advisable to build a silo more than 16 feet in diameter. If more capacity is needed a second silo should be constructed. As a rule the height of the silo should be at least twice the diameter.

After the silo is opened silage should be taken out regularly, otherwise that which is exposed to the air at the surface will spoil within two or three days. The amount of silage ordinarily fed to a dairy cow, or to a mature beef animal of the same size, is from 30 to 40 pounds a day. Feeding 30 pounds a day will require 1900 pounds a month per animal, or about 5 1/2 tons to feed each animal six months. The figures in the table below give a general idea of the size of silo needed for herds of from 10 to 50 cows. It is assumed that 40 pounds will be fed a day to each animal.

Number of cows in herd.	FEED FOR 180 DAYS.			FEED FOR 240 DAYS.		
	Estimated tonnage of silage consumed.	Size of Silo.	Height.	Estimated tonnage of silage consumed.	Size of Silo.	Height.
10	26	10	25	40	10	25
12	32	10	27	48	10	27
15	34	11	29	52	10	29
20	42	12	32	64	12	32
25	52	13	35	80	13	35
30	62	14	38	96	14	38
35	72	15	41	112	15	41
40	82	16	44	128	16	44
45	92	17	47	144	17	47
50	100	18	50	160	18	50

The following table gives further figures regarding the capacity of silos of different sizes:

**CAPACITY OF SILOS OF VARYING SIZES.**

Depth of silage.	Inside diameter of silo in feet.	10	12	14	16	18
Feet	Tons	Tons	Tons	Tons	Tons	Tons
10	26	32	38	44	50	56
12	32	39	46	54	61	68
14	38	46	54	62	70	78
16	44	54	64	74	84	94
18	50	62	74	86	98	110

**Destruction of Field Mice**

Through cultivation of fields tends to keep down the number of mice, as it destroys weeds and all growths that give shelter to the mice. The mere plowing of a field badly infested with mice is sufficient to drive out most of them.

Strychnine is the most satisfactory poison for field mice. Although deadly, it is less dangerous to handle than either phosphorus or potassium cyanide. Various baits may be used, such as wheat, oatmeal or corn. The bait should be soaked over night in a poisoned syrup, made as follows. Dissolve an ounce of strychnine sulphate in a pint of boiling water, add a pint of thick syrup, and stir thoroughly. The prepared syrup may be scented with a few drops of oil of anise.

This quantity is enough to poison half a bushel of wheat or corn, but smaller quantities of grain or syrup may be prepared as needed. After the solution has been thoroughly mixed, if it is too wet a little dry corn meal may be used to take up the excessive moisture. If it is not wet enough to moisten the grain thoroughly, a little water may be added.

Because of danger of destroying native birds, the poisoned bait should not be placed in exposed places, but under shells which will admit mice but exclude birds. Wide broadcast, being upon thin cross pieces of wood are good.

**Horsery Notes**

"No foot, no horse." There are lots of blacksmiths who don't seem to know this. They would ruin the best foot with their bungling work. Keep your last season's colts growing. A set back now due to neglect will take the whole summer to overcome.

Horses appreciate sweet things as well as we do. A lump of sugar round occasionally will put us on good terms with our equine friends. Prices of good horses have increased 50 to 100 per cent. since the automobile came in vogue. Who talks now of the passing of the horse?

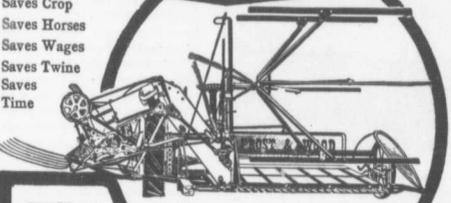
The man who gets stung in the eye business usually has himself to blame. The chances are he started with poor breeding stock.

**Dry Months Best Dairy Months**

"Last year, August and September were almost our best dairy months while with most farmers, due to the great drought, they were poor months. The secret came in feeding

**FROST & WOOD BINDERS**

- Saves Crop
- Saves Horses
- Saves Wages
- Saves Twine
- Saves Time



**USE** this Binder and harvest with your grain with the least waste of time and energy. Frost & Wood Binders cut rapidly, elevate thoroughly, and tie each sheaf securely. Ample power is generated by the main drive wheel to cut under all conditions. Every shaft, axle and working part is fitted with a large size Roller Bearing making this the easiest running Binder on the market. There is no friction, no binding of gears, no chance of driving shafts getting out of alignment. A Frost & Wood Binder has permanent light draft. See the third roller on Upper Elevator, also the Relief Roller between the lower Canvas and the deck. These two assure you that the heaviest or the lightest grain will be brought up by the canvases and passed on to the Packers without any choking of Elevators or crowding on the deck. Reel and Table are controlled by conveniently located hand and foot levers; so light, heavy, tangled or downy grain can be brought to the Cutter Bar and nothing wasted.

The long spokes of the Eccentric Sprocket used on Frost & Wood Binders give the necessary power to compress and tie each bundle thoroughly, then the short spokes make the discharge arms act quickly and get that sheaf out of the way of the next. This feature is worth any man's while to investigate. It and numerous other distinctive advantages of this machine are described in our Binder Booklet. It will pay you to get posted.



A Post Card brings you the F. & W. Binder Book. Write our nearest office.

**THE FROST & WOOD COMPANY, Limited**  
SMITH'S FALLS, ONTARIO

For Sale in Western Ontario and Western Canada by  
**THE COCKSHUTT PLOW CO. Ltd., BRANTFORD, WINNIPEG**

**Auto Truck**

In a recent issue a Wisconsin man's experience with his dairy farm's existing comparison of horse versus auto follows:

"Among the advantages I can deliver my milk to the railroad station, and be home in my hitching up or with a horse, groom, clean stable, and I can have a runaway all go to the breakfast.

Take a man living miles from creamery or 2,555 miles a farm team has to mostly have to in nine or half-past



that team can get tired and unfit for gain. With the car trip in one-third of a fine ride besides so many trips and make that can't be farm team.

IN TRUCK berries which I sell in Kenosha give me two trips every Saturdays and a always cool in a that I am driving I used to drive with me 14 and 15 miles ten seven or eight weeks in ten in my family to work and have as nice a touring car. The way as the finest car of as structures as I had with solid trip accomplish as much on same.

"The question is can you get along on a large farm, 'No.' There for the women folks some horse can draw their errands on the country."

"As to the expense they cost less than the first four months 1,870 miles at a cost show from 600 to 1,000 or horse work winter feed (supplies) for 150 bushels in 120 bushel, \$67.50; and at \$16, or \$30; or more. The auto repays its little idle."

"On the other hand but \$50 and the rest, it is a second

eager buyers.