MANURE WASTE COSTLY

Losses Run Into Millions of Dollars Annually.

Waste Begins In the Stable—Manure Should Be Put on the Land Early—Chemical Value of Barnyard Manure — Wood for Fuel In Terms of Coal.

(Contributed by Ontario Department of Agriculture, Toronto.)

On many farms animal manures accumulate about the buildings and are permitted to waste. The average farmer appreciates the value of the farm manures, but he dislikes the task of giving these materials the attention that their value in keeping up soil fertility warrants. The handling of animal manures is not a pleasant task at any time, but the following of a proper system would reduce the disagreeableness of the work and at the same time prevent waste. The average farmer of Ontario wastes the fertility value of the manure by at least one-third just through neglect in management.

Loss Runs Into Millions of Dollars.

With the ordinary one hundred acre farm producing two hundred tons of manure each year, and valuing this at $2.50 per load, then figuring on one-third waste through neglect, we have an annual loss in soil fertility through failure to return all value to the lands of Ontario that aggregates many millions of dollars. We owe to the soils of our farms all the fertility that it is possible to return to them. The manure waste of the past fifty years on the farms of Ontario would aggregate a colossal sum. This waste will be appreciated more by the future tillers of the soil than by those who have permitted the waste. When there is an abundance, wastes are not noticed, but when soils fail to produce abundantly some attention is given to those factors that will maintain or increase soil fertility.

The Waste Begins In the Stable.

Waste of manure usually begins in the stable, leaky gutters, or no absorbing material to hold the liquid portion of the manure. From the stable it is thrown out, sometimes piled but more frequently not, and left exposed to the weather to lie around for months. Manure incorporated with the soil as soon as made sustains the minimum loss. It is impossible of course to incorporate manure with the soil during the winter, but frequent opportunities occur when manure may be applied to the land. Accumulations during the periods when it is difficult to team the manure on to the land occur in the spring and autumn. These accumulations are best taken care of within the shelter of a manure shed, or if such is not available, then by piling in such a way as to reduce waste to a minimum.

Get Manure on the Land Early.

The most successful of our farmers aim to get the manure on the land as soon as possible. When conditions on the land are not favorable to the application of manure they take care of this by-product by first providing sufficient absorbent material to hold all the liquids, piling the manure in a manure shed, keeping it sufficiently moist and firm enough to prevent heating until it is desired to apply it to the land. Many of the Old Country farmers store the manure in water tight pits, pack it by tramping sufficiently tight to exclude all the air possible, and then turn on the hose as frequently as necessary to prevent heating. The same system would do as much for the Ontario farmer as it is doing for the Scotch farmer.

The Chemical Value of Manure.

If we had to buy manures at prices equal to the retail commercial fertilizer prices better care would be taken of this soil fertility material. Few farmers realize that the manure from a horse weighing 1,000 pounds is worth at chemical fertilizer prices $42.15 per annum. A dairy cow weighing 1,000 pounds will produce manure to a value of $39 per annum. A farm carrying four horses, ten cows and ten pigs of average weight produces, if valued at retail prices for commercial fertilizers, $640 worth of manure in a year. The unfortunate part of it is that from $100 to $300 worth of soil fertility elements are permitted to waste on too many farms each year. The next time you travel by auto or railroad just take note while passing farm barns how much waste is going on through the careless handling or no attention being given to the animal manure.—L. Stevenson, Secretary, Department of Agriculture, Toronto.

Wood for Fuel In Terms of Coal.

In heating value one standard cord of well seasoned hickory, oak, beech, birch, hard maple, ash, elm, locust or cherry wood is approximately equal to one ton (2,000 pounds) of anthracite coal, according to estimates by the forest service, United States Department of Agriculture. However, a cord and a half of soft maple and two cords of cedar, poplar or basswood are required to give the same amount of heat.

One cord of mixed wood, well seasoned, equals in heating value at least one ton of average grade bituminous coal.

Timely Hints.

Store all harvesting tools and machinery.

Remove binder canvases and store in a dry place.

Make note of broken parts and order them.

Attend to the safety levers on cutting box and silo fillers. Sharpen the knives and oil working parts.

The Jarvis Record

Is published every Wednesday at its office on

MAIN ST., JARVIS, ONT

SUBSCRIPTION RATES:

Per Year (in advance).....$1.50

To the United States, $2.00.

The Record Printing Co., Ltd.

JARVIS, ONT.

WEDNESDAY, DEC. 14, 1921

EASY TO WIN CO-OPERATION

Main Thing to Remember Is That One Must Earn What One Expects to Receive.

Getting on with others is a matter of co-operation.

If you expect co-operation you must give co-operation—judiciously, systematically and with good will.

You can win co-operation from a person when you help him to do what he wants to do.

Everybody has desires which are worthy and deserving of promotion. Study the desires of the person whose co-operation you wish to win and then idealize the ways by which you can aid him to realize those desires.

It all comes back to a matter of service—to what Emerson called the law of compensation and what one teacher of New Thought calls the law of giving and receiving. In the language of salesmanship the way to sell yourself to anyone is through the principle of service. "What will you have?" quoth God; "pay for it and take it—Nothing venture nothing have—Thou shalt be paid for what thou hast done; no more, no less."

In more homely language you must earn what you get in the way of friendship, favors and co-operation of any kind just as you must earn anything else worth while. And by the way, to habitually take what you do not earn, what you do not give a fair equivalent for in one way or another, is to sap the vitality of your own character and unfit yourself for a place among men and women who are not parasites.

If you are a salaried worker and want to earn more money there is only one legitimate way in which you can do it (assuming that no other employer will give you the increased pay), and that is by giving more efficient, co-operative service. This service may take the form of carrying out instructions from others or of acting on your own responsibility; in either case the object is to efficiently help your employer to realize his ideals for the business.

You cannot throw into the business machinery the monkey wrench of indifference, or positive objection to the ideals of your employer and his ways of realizing them, and expect to get your pay raised therefor. Neither can you, by such a course, render relations more pleasant and agreeable and win the co-operation which you desire in the way of increased appreciation as evidenced by a fatter pay envelope.—William E. Towne in Nautilus.

MAIL CONTRACT

SEALED TENDERS, addressed to the Postmaster General, will be received at Ottawa until noon, on Friday, the 20th day of January, 1922, for the conveyance of His Majesty's Mails, on a proposed Contract for four years, Six times per week, over

Jarvis No. 1 Rural Mail Route

from the Postmaster General's pleasure.

Printed notices containing further information as to conditions of proposed Contract may be seen and blank forms of Tender may be obtained at the Post Offices of Jarvis, Balmoral, and at the office of the Post Office Inspector:

D. J. McLEAN,
Post Office Inspector.

Post Office Inspector's Office,
London, December 9th, 1922.

MAIL CONTRACT

SEALED TENDERS, addressed to the Postmaster General, will be received at Ottawa until noon, on Friday, the 20th day of January, 1922, for the conveyance of His Majesty's Mails, on a proposed Contract for four years, Six times per week over

Jarvis No. 3 Rural Mail Route

from the Postmaster General's pleasure.

Printed notices containing further information as to conditions of proposed Contract may be seen and blank forms of Tender may be obtained at the Post Office of Jarvis and at the office of the Post Office Inspector:

D. J. McLEAN,
Post Office Inspector.

Post Office Inspector's Office.
London, December 9th, 1921.

For Sale—12 pigs six weeks old, also Brood sow due in January. Warren Ionson, R. R. No. 4, Jarvis.

Auction Sale

—OF—

Farm Stock, Implements, Etc.

The undersigned has received instructions to sell by Public Auction on Lot 23, Con. 4, Woodhouse, on Plank Road, four miles South of Jarvis, on

Thursday, Dec. 22nd

the following property:

HORSES—Span of Grey Geldings rising 6 years old, 1400 lbs. each; Brown mare 8 years old, 1400 lbs.

CATTLE—Durham grade cow, rising 4 years old; Durham grade cow, 7 years old, due May 11; Holstein grade cow, 3 years old, due May 1st; Yearling grade Holstein heifer; Two-year old steer, 4 Yearling heifers.

PIGS AND POULTRY—Brood Sow. About 30 pure-bred Brown Leghorn Hens.

IMPLEMENTS—Noxon Binder; Deering Mower, 5 ft. cut; Cockshutt Drill, fertilizer; Set Discs, 14 plates; Horse Rake, Massey-Harris; Maple Leaf two-furrow plow, Perrin riding plow, Roller, Set diamond tooth harrows, Corn cultivator, Manure spreader, Power cutting box, Melotte cream separator, Cutter, nearly new; Open buggy, Set bob-sleighs, Bain wagon, nearly new; Wagon box, Pig rack, Set double harness, Clover seed buncher, etc.

Sale at 1 o'clock p.m. sharp.

TERMS—All sums of $10 and under, cash; over that amount 9 months' credit will be given on furnishing approved joint notes. Five per cent. straight off for cash on credit amounts.

WM. H. BELBECK,
Proprietor.

JOHN DEMING, Auctioneer.

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For Infants and Children

In Use For Over 30 Years

Always bears the Signature of Chas. H. Fletcher

A Bargain in Newspapers

Here is a Real Bargain-the Greatest Value Ever Offered in Canada.

The JARVIS RECORD costs $1.50 a year. The Family Herald and Weekly Star, Montreal, costs $2.00 a year. We now offer a full year's subscription to both papers for $2.50

An Excellent Premium

With The Family Herald and Weekly Star is included a copy of the new Canadian Coat of Arms in true heraldic colors, size 14 x 17 inches. This beautiful plate should be found in every Canadian home. Every boy and every girl should be taught to describe the Canadian Coat of Arms. A copy will be sent free to all who accept this offer.

Send your order to THE JARVIS RECORD, Jarvis, Ont.

Hospital for Sick Children

COLLEGE ST., TORONTO.

Through Support of Public, Ontario Maintains Greatest Children's Hospital on This Continent.

Dear Mr. Editor:—

Nowadays people look ahead more than they used to. They realize, for instance, that the child of to-day is the citizen of the future. The privilege of this Hospital is to provide a service whereby any Ontario child, who is weakly, may be made strong, or if he is crippled, may be set straight.

Part of this service consists of personal medical and surgical care of the children. Part is in the schooling of doctors and nurses to carry the light of medical science into the uttermost corners of the province.

The whole is a contribution to CHILD WELFARE work which must commend the Hospital to the sympathy and support of your readers.

You probably saw a Quebec despatch deploring the great infant mortality in that province. One great factor which gives the Ontario born child so much better a chance in life is the maintenance of public philanthropy of the leading Hospital for children on this continent. And that child, whether it be pallid of cheek or crooked of limbs, is helped over the rough spots of infancy and adolescence by this same Hospital. Here are the average day's figures of 1921 attendance:—

Cot patients	263
Other patients	153
Total	426

During the year the Hospital actually saves the lives of scores upon scores of children. It restores health or straightens limbs for hundreds more. Every contributor to the Hospital fund is a shareholder in an enterprise which wins back health and happiness for thousands of children, and thereby gives joy to thousands of anxious homes.

Remember, however, that every child to whom the Hospital's doors are opened—and none are refused—adds something to the financial burden which the GREAT MOTHER CHARITY has to carry. But it has never defaulted on its dividends, which are paid not in money, but in service.

The continued service of the Hospital depends on the continued support of the public. A minute of mercy costs fifty cents, and the clock in the treasurer's ofice is six months slow. So there are a lot of minutes to catch up.

The Hospital is accomplishing fifty per cent. more work than before the war. Owing to higher prices it requires almost twice the money. May I place that simple but serious fact before your readers in connection with the 46th Christmas appeal of the Hospital for Sick Children for funds to carry on another year of service?

Faithfully yours,

IRVING E. ROBERTSON,
Chairman of Appeal Committee.

A wicked exchange says a woman whose husband was in the habit of coming home tipsy at night, decided to cure him by fright. So one night she arrayed herself in a frightful apparel and when the boosy husband entered the front door she said in dread and sepulchral tones: "Come with me. I am the devil." "Zat sho? Shake. I am your brother-in-law." I married your sister."

LEGAL

ARRELL & ARRELL
Barristers, Etc.

HAMILTON, Sun Life Building. CALEDONIA, Roper's Block

Money to Loan at Lowest Rates.

Harrison Arrell, K.C., S. Cameron Arrell
County Crown Attorney.

KELLY, PORTER & KELLY
Barristers, Solicitors, Notaries, Etc.

W. E. Kelly, K.C., Crown Attorney. J. Porter, County Treasurer

David E. Kelly
Solicitors for Norfolk County Council

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OFFICE HOURS:

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JARVIS, ONTARIO.

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AMERICAN HOTEL

R. A. NELLES, Prop.

Best Accommodation for the Travelling Public

Near G. T. R. Station,

JARVIS, ONTARIO

I. O. O. F.

JARVIS LODGE NO 191

Meets every Monday evening at 8 o'clock.

N.G., O. Williamson; F.S., N. R. Pond. R.S., J. S. Burwash. Treas., Jas. Haslett.

Visiting Brethren Welcome.

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At OUR Expense

We Refund Car Fare from Jarvis on a purchase of $8.00 and over, Hagersville $10.00 and over, and from Nelles Corners on $12.00 and over.

Murdoch's

Simcoe's Favorite Shopping Place

Immoral Conduct

From an Exchange:—The story of how a girl was locked in a barn with two men all one night has just come to light. The case was reported to the officers who have been working on it for some time and the entire story has been uncovered. It was requested that the names of the parties be not published and considerable pressure was brought to bear to have the names suppressed but we feel that they should be printed, inasmuch as they are well known anyway. Far be it from us to cast any slur upon a fair name but the editor feels he owes it to his readers to print the news and even more important than that is the fact that some innocent party might be suspected. The parties implicated were Lizzie Ford and Dodge Brothers.

FIRST

25c

PAYMENT

HURRY!

To-morrow Is Positively the LAST DAY

Then the White Progressive Sewing Machine Club closes, and your opportunity to get one of these splendid machines at a Special Price and on Easy Payments is gone.

Only a few machines are left. You must Hurry if you want a White on this Plan

WE DELIVER A WHITE TO YOUR HOME UPON PAYMENT OF 25c.

The balance of the payments are so easy you will never miss the money.

"Table of Payments"

First Payment 25c.	9th paym't 75c	19th p'm't $1.10	29th p'm't $1.40
2nd p'm't 25c	10th p'm't 75c	20th p'm't $1.10	30th p'm't $1.40
3rd paym't 25c	11th p'm't 75c	21st p'm't $1.20	31st p'm't $1.40
4th paym't 25c	12th p'm't 75c	22nd p'm't $1.20	32nd p'm't $1.40
5th paym't 50c	13th p'm't $1.00	23rd p'm't $1.20	33rd p'm't $1.50
6th paym't 50c	14th p'm't $1.00	24th p'm't $1.20	34th p'm't $1.50
7th paym't 50c	15th p'm't $1.00	25th p'm't $1.30	35th p'm't $1.50
8th paym't 50c	16th p'm't $1.00	26th p'm't $1.30	36th p'm't $1.50
	17th p'm't $1.10	27th p'm't $1.30	
	18th p'm't $1.10	28th p'm't $1.30	

When You Buy a White

You Get a Double Guarantee. OUR'S and the FACTORY'S

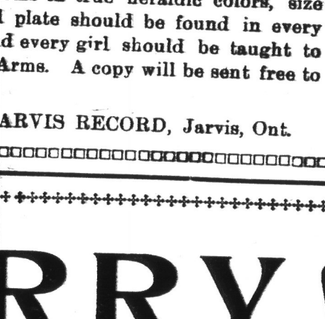
You have no interest to pay.

There are no agent's commissions added to the price of these machines.

You Get Wonderful Value—

Exceptional Quality—

and become the owner of the World's Best Sewing Machine when you enroll as a member of the White Progressive Club.



LISTEN TO THIS!

Thousands joined the White Progressive Club during the past year all over the continent.

One club member writes:—

"I was considering the purchase of another machine when your advertisement attracted my attention. I am delighted with the WHITE and the work it does. It runs so easily it is a pleasure to use it and I often sew for hours at a time."

SPECIAL

In addition to the remarkably low prices of the machines you can save 10c. Premium Discount on each final payment you make before it is due.

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