

GALVANIZED RUST PROOF IRON

The Best Roofing Manufactured!

Requires no painting. Economical and easy to put on; no previous experience necessary. Absolutely guaranteed; brand new, clean stock. Bright as a dollar. Sheets are full size. Comes in Corrugated, "V" Crimped, Standing Seam or Plain Flat Sheets. Heavily galvanized on both sides with the most approved galvanizing material; preparation will adhere forever. "Galvanized" means that the iron has been coated with liquid Zinc, which makes it absolutely rust and weather-proof; not affected by heat or cold. Makes buildings warmer in Winter and cooler in Summer. Drains perfectly and does not soak. Does not stain rain water. Fire and lightning-proof. Makes your insurance cheaper. Sold direct from our own roofing factory—the largest in the world. Chicago House Wrecking Co. sells more roofing material than any other concern. We sell thousands of squares of "Galvanized Rust-Proof Iron" every week. Used in all climates. For every kind of building.

PAINTED STEEL ROOFING AT \$1.25 PER HUNDRED SQUARE FEET!

Also in stock, a full line of painted Steel and Iron Roofing, Siding and Ceiling, all styles at prices from \$1.25 sq. foot up. Fill in the coupon below. We will send you samples free of charge together with a vast amount of roofing information.

Roofing Supplies of Every Kind!

Send for our 500 page Catalog No. 645. It is full of information for the shrewd, careful and economical buyer. Lists thousands upon thousands of rare bargains. Price offers which command orders. Millions of dollars worth of merchandise, bought at Sheriff's, Receivers' and other forced sales, are plainly described in this book. SEND FOR IT.

Chicago House Wrecking Co.
35th & Iron Sts., Chicago.

FREE SAMPLE COUPON NO. 1

Chicago House Wrecking Co., 35th & Iron Sts., Chicago.

Kind of Building
Size of Roof
If you want Siding or Ceiling give diagram and full dimensions
When do you expect to order
Name
P. O. R. F. D. State

STOCK MEN



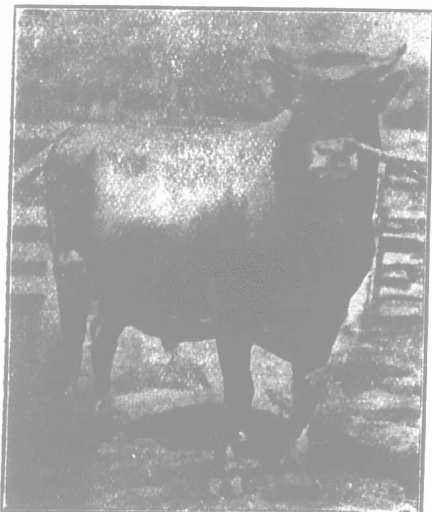
Advertise your
fancy a look by
means of first-class

DRAWINGS

AND ENGRAVINGS

Send us your photos,
and our stock artist
will bring out the
points.

THE
TORONTO ENGRAVING
COMPANY LIMITED
TORONTO - CANADA
DESIGNERS ILLUSTRATORS ENGRAVERS



THE GOLDEN LAD BULL,

"Golden Fox of Dentonia," at 3 years old a Toronto champion, at the head of my St. Lambert herd. Some beautiful young stock of both sexes for sale from him.

T. PURTER, 360 St. Clair Ave., Toronto.

ARE YOU IN WANT OF A CHOICE BULL TO HEAD YOUR HERD?

We are offering choice bull calves sired by Fountain's Boyle, who won first prize at Toronto, London and Ottawa, who also headed first-prize herd at Toronto and Ottawa. Also offering some choice heifers.

D. DUNCAN, DON, ONT.
DUNCAN STATION C. N. O.

BRAMPTON JERSEYS

Canada's greatest Jersey herd offers male or female stock; imported or home-bred; show type or producers; one or a carload. 150 for sale. Phone. B. H. BULL & SON, BRAMPTON, ONT.

TO EARN THAT BIG SALARY, LEARN RAILROADING.

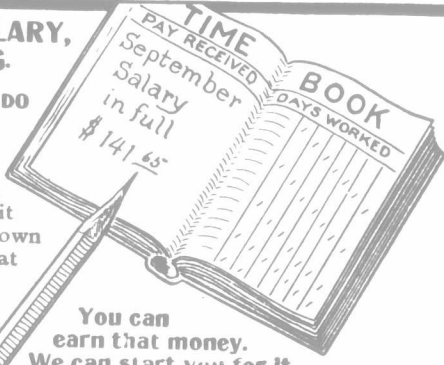
GET OUT YOUR LEAD PENCIL AND DO
A LITTLE FIGURING.

Whatever your present monthly salary may be, multiply it by 12, and find your yearly income. Will it amount to \$1,699.80, the salary shown above? Do you earn one-half that amount? If not, why not?

FIREMEN AND BRAKEMEN

Earn from \$75 to
\$150 per month.

With the rapid progress of railway building in Canada it takes only from two to three years to be advanced to engineer or conductor, whose salaries are from \$90 to \$185 per month.



You can
earn that money.
We can start you for it.

We teach and qualify you by mail in from 8 to 14 weeks without loss of time from your present work. Positions are secured; in fact, there are many openings right now if you were qualified to fill them. Our Course is the most complete treatise on the subject of Railroading in existence. We defy any school to show a course anywhere nearly as thorough. Don't tamper with your education by buying cheap bargain courses. Ours is the only School of its kind in Canada with text-books written for use on Canadian Railways.

Our free booklet tells all about our system of teaching. When writing, state age, weight and height. Address:

THE DOMINION RAILWAY SCHOOL,
Dept. F
Winnipeg, Canada.

Just Landed with 50 Head CHOICE AYRSHIRES

Including 12 bulls fit for service, a few August calving cows and two-year-old heifers; cows with records up to 70 lbs. per day. I have a choice lot of two-year-olds, yearlings and heifer calves. Anything in the lot for sale. Correspondence solicited. Phone, etc.

R. R. NESS, HOWICK, QUE.



CRAIG LE

Have won more money the last 4 years than all competitors combined. They are heavy producers and high testers. Stock of both sexes for sale of showing form.

H. C. HAMILL, Box Grove P.O.
Markham, G. T. R. Locust Hill, C. P. R.
Bell phone connection from Markham.

SPRINGBROOK AYRSHIRES are large producers of milk testing high in butter-fat. Young stock for sale. Price right. Write or call on W. F. STEPHENS, Box 167, Huntingdon, Ont.

When Writing Mention This Paper.



AYRSHIRES AND YORKSHIRES

Can fill orders for car lots of Ayrshires, or for good grade dairy cows. Young bulls, cows, heifers or calves of choice breeding. Orders taken for imported stock for 1910. A few young Yorkshires. Write us for anything you need in above lines.

Long distance
Phone

ALEX. HUME & CO., MFNIE, ONT.

Ayrshires from a Prizewinning Herd—Have some nice bull and heifer calves for sale at reasonable prices. For particulars, etc., write to WM. STEWART & SON, Campbellford Sta.

Shannon Bank Ayrshires and Yorkshires. Am now offering young bulls and heifers, true to type and high in quality. Young Yorkshires of both sexes. W. H. Tran & Son, Locust Hill P.O. & Sta., Ont.

Stonehouse Ayrshires

36 head to select from. All imported or out of imported sire and dam. For sale: females of all ages. Am now booking orders for bull calves.

Hector Gordon, Howick, Quebec

Ayrshires Four young bulls, all bred on dairy lines, out of famous dams, fashionable in color, as well as in breeding. Will be sold worth the money. Females all ages.

N. DYMENT Clappison's Corners, Ont.

CALVES

Raise Them Without Milk. Booklet free. The Steel, Briggs Seed Co., Toronto, Ont.

When Writing Mention This Paper.



ISALEIGH GRANGE AYRSHIRES!

Our herd were all selected on their ability to produce a heavy yield of milk. We have a number of 40, 45 and 50 lb. cows, imported and Canadian-bred. From them are young bulls and heifers for sale. None better. JAMES BODEN, DANVILLE, QUEBEC.

QUESTIONS AND ANSWERS. Miscellaneous.

GRAIN MIXTURES.

I am advised to sow barley, oats and spring wheat for a good mixed crop. I think I have oats and barley that will come on and ripen fairly well. Can you tell me what kind of spring wheat would ripen with them? Some say the Goose wheat is rather late. Our oats are Bumper King, from Rennie & Co., Toronto, and Mandscheuri barley. What proportion of each should be sown?

R. A. R.

Ans.—Judging by Prof. Zavitz's experiments, you could expect to gain nothing by including wheat in your mixture of oats and barley, as he has had the largest yield from barley and oats that he has derived from any of the many mixtures of two and more kinds tried. For our own part, in sections where peas do well, we prefer a mixture of oats and peas, on account of the greater feeding value of peas over barley, and the superior condition in which they leave the land. If wheat were to be included with the barley and oats, we could suggest nothing better than Goose wheat, which yields well, and ripens practically as soon as the other kinds. The best yielding proportions of grain in the seed mixtures are, if peas and oats are used, one bushel of oats and one bushel of peas, mixed, per acre, or where oats and barley are combined, one bushel barley and one bushel oats, mixed, per acre.

FEEDING VALUE OF CORN EN- SILED VS. FIELD-CURED— VALUE OF FODDERS— PROTECTION OF STAVE SILO.

1. What is the feeding value of an acre of corn put into a silo, compared with the same stood up in the field till winter, and fed in this way.

2. What is the value of a ton of silage, compared with a ton of clover hay, peas and oats cut green, or fall rye cut green?

3. Will stave silo last longer, or give better satisfaction, by being enclosed?

SUBSCRIBER.

Ans.—1. From a chemical standpoint, there is not a great deal of difference between the two methods of preservation, so far as the economy of dry matter is concerned. Practical feeding tests, however, both in experiments and in every-day practice, have almost, if not quite, always indicated a considerable advantage to be possessed by silage, especially in milk production. Whether this consists wholly in its succulence, or partially in that and partially in its appetizing virtue, we do not pretend to say. Probably both factors count.

2. This comparison is between substances so different in their nature that an estimate of values would be contingent upon the knowledge of what each was to be fed with, and even then could be only very approximate. For instance, if cattle were receiving roots, the addition of silage would not be of so much advantage as if the stock were getting no other succulent feed. The best we can do in answering this question is to submit a table giving the total dry matter and the percentages of digestible nutrients in each feed. In the data before us, we do not readily find the analysis of cured oat and pea hay, nor of rye hay, but we give the analysis of these fodders green, and also the analysis of green clover, to convey a rough idea of the effect of drying on the content of dry matter and digestible nutrients:

	Dry matter.	Digestible protein.	Digestible carbohydrates.	Digestible ether extract.
%	%	%	%	%
Corn silage.....	20.9	0.9	11.3	0.7
Red clover hay.....	84.7	6.8	35.8	1.7
Oat hay (green).....	29.2	2.9	14.8	0.7
Oat hay.....	91.1	4.3	46.4	1.5
Peas and oats (green).....	16.0	1.8	7.1	0.2
Rye (green).....	23.4	2.1	14.1	0.4

3. A stave silo will last little if any longer by being enclosed, nor will it give materially better satisfaction, except in severe climates, where protection from severe freezing is a consideration.