

## The Daily Gleaner



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## THE WELL DONE FARM.

That "a little farm, well tilled," is infinitely more profitable than a large farm only half done, has been demonstrated over and over again. In this part of the world land is so cheap, comparatively speaking, that as a rule the average farmer considers more about the size of the area under crop than he does of the output which he desires to get. He wants so many bushels of grain, or so many tons of hay, and it is not so much a question with him as to how little land might be made to produce the required quantity as to see to it that his available land is put under cultivation.

The farming methods employed in Europe are away ahead of those in vogue in this country if we are to judge from the comparative yields of grain on both continents. The following figures give the average yields of wheat, rye, oats, barley and potatoes in the principal agricultural countries in Europe, compared with the same crops in America as given in a late census. The average yield per acre in those European countries of wheat was 28.42 bushels per acre, as against 12.5 in America; rye, 24.5, as against 12.4; oats, 43.56, as against 31.9; barley, 34.9, as against 26.8; potatoes, 180.23, as against 93 bushels. This shows an average increase per acre in these European countries over the average production in America of 127 per cent. for wheat, 97 per cent. for rye, 35 per cent. for oats, 30 per cent. for barley and 93 per cent. for potatoes.

The foregoing figures will give a pretty good idea how far ahead the methods employed on farms in Europe are of those on this side of the Atlantic. Of course conditions are different; land on this side is comparatively cheap and there is not the incentive to make as much of it that there is in the case of farms worth hundreds of dollars an acre. As the years go by and land becomes more valuable, farmers will have to increase the productive power of their land. Instead of increasing the area under crop, efforts should be made to increase the yield per acre. That is the kind of farming that pays best, whether the land is cheap or dear. Even in the older parts of the United States this kind of farming has already become a necessity.

The agricultural area of this country is large, and only a small portion of it has yet been brought under crop. On the newer lands the acreage put under crop each year will increase for some time yet. In the older parts of the Dominion, however, where all land that could be brought under cultivation is now being utilized, the farmer must change his methods to use of more intensive and thorough farming, and of increasing the bushels per acre, rather than the acreage of any one grain under crop. It takes time to get into a regular system of farming in which every acre of land is made to produce up to the full extent of its possibilities—but that should be every farmer's aim. Small farms well worked will pay better than large ones not half worked, not to mention the saving of time and labor.

## MUSIC HATH CHARMS.

According to a contemporary, a Jersey farmer has discovered that music pays in the dairy business. He hired a Swiss milkmaid who "yodelled." The daily yield of milk increased. She went away and the cows refused to give anything like the same quantity. He installed a phonograph in the milk sheds and the milk came again.

Cows are somewhat like men, except in the fact that they are peaceful and domestic. Cows can be made to work under the influence of music. Men can be induced to lift great weights if somebody with a turn for rude music will put a "yea-ho-heave-ho" into a bar. Men can also be made to eat more than is good for them under similar influence. Hence the passion of restaurateurs for orchestras at dinner. The more people eat, of course, the more they pay, and

the keeper does not seem to care what becomes of them afterward. Perhaps he has a commission from the doctors. But the main fact is that we do things more cheerfully and thoroughly if somebody will pipe for us. The lazy man will make an effort to get into muscular harmony with the music, while the ordinary worker will let out an extra link.

Human nature likes to be cheered up. The harder the labor the more rollicking the song, seems to be the rule as exemplified in railroad construction. Of course there's a reason. Cheerful people usually find some way of diffusing sunshine and even crude vocal efforts are sometimes celestial music to the downhearted and discouraged. If you feel healthy, you feel glad and feeling glad you must express it.

## NEBULA MAY ENCLOSE UNIVERSE

Andromeda, an Enormous Celestial Swirl Much Like the Milky Way in Form—What the Wise Ones Say

(From the London Morning Post.) While everyone knows that the stars are immensely remote and that the speed of light is the only unit which can conveniently express their distances from the earth, yet it is hardly realized that the approximate distance of a score of them is as much as can be said to be known. The distances of the most interesting of all celestial objects, the spiral nebulae, are a matter of such doubt that the supposition that some of the greatest of them, like the Andromeda nebula, may lie outside the stellar universe altogether is hardly more conjectural. The Milky Way which bands the sky has been legitimately supposed to be spiral in form, and the most recent researches of Professor Kapteyn, who discovered the double drift of stars in the universe some years ago, appear to support this theory. It has, therefore, been surmised that the great spiral of Andromeda may be another universe, in form like that which the Milky Way encloses.

Speculations Considered. Some of these speculations are considered by Mr. Ellard Gore in the current number of Knowledge. Mr. Gore finds that if the Andromeda nebula were comparable in size to the Milky Way its distance from an observer on the earth would have to be 150,000 light years—or in other words, that its light travelling at 186,000 miles a second would take that number of years to cross the intervening space. If it were composed, like the Milky Way, of some 40,000,000 stars then the total light the nebula would be equal to that of a star between the first and second magnitude. The Andromeda nebula is, on the contrary, much fainter than that. Therefore either its component stars are dimmer or it is still farther away. Therefore we must conclude that either it lies outside our universe, or that it is very much smaller than the Milky Way.

Temporary Star. Twenty-five years ago a temporary star blazed out near the middle of this nebula, and the evidence favors the belief that this star was in the nebula. It faded quickly, but its increase of light was considerable. If, however, it had been situated at a distance equal to 150,000 light-years, then the light of the new star in order to be visible to us at all, must have been 3,000,000 times the light of our sun, and its size must have been immensely great. But its light faded so quickly that we cannot suppose it to have been a very large body. We may, therefore, conclude that the nebula is not at the vast distance indicated by 150,000 light-years, but is much nearer, and that its dimensions are much smaller than those of the Milky Way.

## NATIONAL LEAGUE.

Boston Defeats Cincinnati 5-4 and Wins Fourth Straight Game.

Boston, Aug. 27.—Boston won its fourth straight game today, defeating Cincinnati, 5-4. Curtis held the visitors to three hits, but errors allowed them three runs. Boston won in the ninth inning on a hit by Curtis, two sacrifices, and Shean's single. Score: Cincinnati..... 20011000—4 3 2 Boston..... 20900100—5 6 5 Batteries—Gasper and Clark; Curtis and Graham.

Time, 1.34. Umpire, Emslie. At Brooklyn.—Score: Pittsburgh..... 002021000—5 13 1 Brooklyn..... 000000000—0 6 4 Batteries—Willis and Gibson; Wilhelm and Bergen.

Time, 1.51. Umpires, O'Day and Kane.

At Philadelphia.—Score: Philadelphia..... 01302151x—13 20 1 St. Louis..... 000001200—3 8 4 Batteries—McQuillan, Scanlon and Dooin and Martell; Beebe, Raleigh, Meltzer and Bresnahan and Bliss.

Time, 2.15. Umpire, Rigler.

At New York.—Score: Chicago..... 000321002—8 9 4 New York..... 023010000—6 12 4 Batteries—Overall, Higginbotham and Archer; Wiltse, Raymond and Myers.

Time, 2.13. Umpires, Johnstone and Klem.

## AMERICAN LEAGUE.

Cleveland Defeats Boston With a 5-3 Score.—Falkenberg Pitched Steadily.

Cleveland, Aug. 27.—Errors by Boston infielders gave Cleveland today's game 5 to 3. Falkenberg pitched steadily and had the contest well in hand. Score: Cleveland..... 10120010x—5 5 3 Boston..... 010100010—4 5 5 Batteries—Cicotte and Carrigan; Falkenberg and Bell. Time—1.48. Umpires—Kerin and Connolly.

At St. Louis: St. Louis..... 00020000x—2 8 1 Philadelphia..... 000100000—1 4 0 Batteries—Peltz and Stephens; Morgan and Livingstone. Time—1.40. Umpires—O'Loughlin and Egan.

At Detroit: Detroit..... 3 0 2 10 0 0 2 0 x—17 19 0 New York..... 0 0 0 0 0 0 4 2 0—6 9 6 Batteries—Willett, Lellvelt and Stange; Wilson, Chesbro and Sweetened. Time—1.50. Umpires—Perrine and Sheridan.

## EASTERN LEAGUE.

At Buffalo, first game—Newark 4, Buffalo 1.

At Montreal—Montreal 4, Jersey City 0.

At Toronto—Toronto 1, Providence 0.

At Rochester—Baltimore 3, Rochester 9.

The footprints of Dyspepsia have been directly traced to the stomach nerves. When these "inside nerves" fail, indigestion and stomach distress must surely result. For this, druggists everywhere are supplying a prescription known as Dr. Shoop's Restorative. First, these tiny inside heart, stomach and kidney nerves fail. Then gas belching, heart palpitation, or failing kidneys follow. Don't drug the stomach, or stimulate the heart or kidneys. That is wrong. Strengthen these failing nerves with Dr. Shoop's Restorative. It is the nerves, not the organs, that are calling for help. Within 48 hours after starting the Restorative treatment, you will realize the gain. A test will tell. Sold by all druggists.

## TENDERS WANTED

Sealed tenders marked "Tenders for Header" will be received at the Department of Public Works, Fredericton, up to Saturday at noon, the 4th day of September, for replacing header on boiler in cellar of Departmental Building, Fredericton, with a 7 inch header, and removing radiator in lower hall of building to the Executive Council Chamber and removing coil in Animal room, Crown Land Office, to the hall to replace the radiator removed to the Council Chamber. Work to be completed not later than September 15th, 1909.

JOHN MORRISSEY, Chief Commissioner.

## ANNUAL LABOR DAY PICNIC

Fredericton Brass Band.

Through permission of the local government, the Fredericton Brass Band will hold a grand picnic at the Old Government House on Monday, Labor Day, September 6th.

The band is determined to make this the event of the season.

The buildings and grounds will be beautifully decorated with flags, bunting, etc., and well lighted in evening. Dancing in the Building and on the Grounds.

Supper will be served on the Lawn. Admission to grounds will be 10c. Watch for further announcement. Plan to spend Labor Day on these beautiful grounds.

## THE Unique TO-NIGHT

Great Convict Biograph Feature

WAS JUSTICE SERVED?

Starting Hours—7.30, 8.30, 9.30. 5 and 10 5 and 10

## Boys' School Clothes AT COST

School will soon be starting and the boy will want a Good, Strong, Serviceable Suit for the hard nox he'll get at school.

We have just the thing. Three Piece Boys' Suits, made after same style as their fathers. We would ask you to call and see them.

Open Wednesday and Saturday Evenings.

## The Campbell Clad Co., Ltd.

J. A. McKINNON, Manager.

Y. M. C. A. Block. York Street

## THE Pickle Manufacturing Season HAS ARRIVED

How is it that some people can manufacture so much better pickles than others. There is no secret as to why they can, it is because they use pure spices bought at a reliable drug store.

I carry a full line of all varieties of Pickling Spices, absolutely pure, also Pickle Bottle Corks, all sizes, Paraffine Wax, Ground Turmeric, &c. &c.

GEORGE Y. DIBBLEE, DRUGGIST, Opp. City Hall 178

## To-Morrow's Special Offering

—IS A—

## Ladies' Black Sateen Underskirt

AND IT WILL COST YOU ONLY

92c.

This Underskirt is made from good quality of Mercerized Sateen, Splendid Black, and finished with dust ruffle.

A Dandy Skirt for the fall of the year.

CALL AND SEE ONE. If you don't want one yourself, tell your friends about it.

REMEMBER THE PLACE AND PRICE.

## TENNANT &amp; HOLDER

Agents New Idea Patterns 10c. each.

## HALF PRICE CHINA SALE

HAMPSHIRE POTTERY  
JAPANESE CHINA  
DEVONSHIRE POTTERY  
FOLEY CHINA

SHUTE & CO.  
86 Queen Street  
Down Town Window

## Hams

Sugar Cured Picnic Hams.

A new lot just received

16c. lb.

Weigh from 4 to 8 lbs.

Yerran's  
Woodstock and Fredericton.

## TRYCONNEL WON.

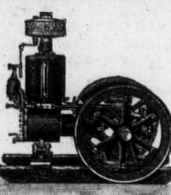
Gatwick, Eng., Aug. 27.—The Adiscombe selling plate of 100 sovereigns for two-year-olds, distance five furlongs, was run here today, and won by Tryconnel. Velesia was second and little Florie third. Fourteen horses ran.

The smile that is honest is the one that won't come off.

## Why Perspire in Hot Weather? Use Crushed Rose Talcum Powder

It is a scientifically prepared powder that is invaluable for the Toilet, Bath, Nursery and for use after shaving. 25c. a Tin.

HUNT & MacDONALD, DISPENSING CHEMISTS, Queen Street.



## Stickney Gasoline Engines

Wherever used, impress one with their absolute reliability under all circumstances.

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ST. JOHN, Sole Agent for Maritime Provinces, FREDERICTON

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For a short time we will allow 25c. lb. for Sheared Washed Wool.

Hewson, Moncton and Oxford Goods in Exchange.

ANDERSON & WALKER, Merchant Tailors



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..If you wish sewer or water connections made you will do well to let us know. With our knowledge and experience we will save you a lot of time, trouble and expense. Same is true of everything in the plumbing line.

Carlton Street D. J. SHEA Telephone 323

## Who Makes Your Clothes?

We don't mean to be inquisitive, but have received our fall samples of clothes for suits and overcoats. They are the newest colorings and the best we have seen yet, and from what we know of the construction put forth by the makers, we feel that we can please you in cloth, fit and price, and therefore appeal for your trade.

A full line of Fall Suits and Overcoats ready to wear now in stock. Footwear for men, boys, misses and children from the best makers. Standfield's Underwear, Sweaters, and Sweater Coats just opened.

LUCY & COMPANY, Ltd.

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For Lighting your House or Store, when you can do so with a

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## Acetylene Generator

for one-third the cost of city gas or electricity and one half the cost of Kerosene.

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