

Proper Cultivation of the Soil the Basis of Successful Farming

Dr. William Saunders, Director of the Government Experimental Farm Gives His Impressions--Gives an Instance the Success of the Farm at Indian Head, Where Business Methods are Used--A Great Practical Illustration of Benefits Flowing From Scientific Farming.

Regina, Aug. 10.—A volume of material is contained in the last sentence of a telegram which Dr. Wm. Saunders Director of Experimental Farms, sent to Ottawa from this city last Thursday evening. He was reporting briefly his impressions of the crop outlook in this Province, and concluded his summary in this fashion: "On the Experimental Farm (at Indian Head) crops of all sorts promise to be unusually good both in quantity and quality, and are finer than any seen elsewhere." Whether or not he did so intentionally is a question that may be determined later on, but there is no doubt that Dr. Saunders preached a powerful sermon by his little reference to grain at the Experimental Farm.

HANDLING AGRICULTURE PROBLEMS

The institution at Indian Head over which Mr. Angus McKay presides with signal success is known throughout the prairie Provinces as the great and practical illustration of scientific farming. The problems which arise naturally in connection with the agricultural development of the west are boldly handled by the corps of experts which constitutes the staff of the Experimental Farm. It might be too much to say that they are all solved quickly and easily, but it is true that every effort is made to render them less burdensome. The benefits of the experience gained by these experts are communicated to the farmers of the province as a whole at the earliest possible moment, and thus the great work goes on. The farm itself is an object lesson for about six months in the year. For the other half of the time its staff finds useful and profitable employment in attendance at farmers' conventions, stock shows, seed fairs, and at other gatherings where the dissemination of useful information is a part of the programme.

BEST RESULTS OBTAINED

It may be readily understood that farming as carried on at the big "preserve" under Mr. McKay's careful supervision spells the last word in the cultivation of the soil. The best results are usually obtained there for the smallest expenditure of time and labor and the reason is that the institution is conducted on business principles. It is not mortgaged and there is little or no waste of any kind in connection with its management. It does not close up shop in the winter, as so many of the western farms do; its activities in fact,

are continuous. The range of products is almost as wide as the prairie, and practically every branch of agriculture is represented there. The difficulty is not to find a basket large enough to hold all the eggs. Rather is it a matter of concern to find enough baskets to suit the many varieties of eggs, if the use of that metaphor may be pardoned.

IT PAYS TO BE CAREFUL

The application of Dr. Saunders' expression of opinion lies not so much in its praise of the condition of affairs prevailing at Indian Head. Success in farming is to be expected on account of the precautions that are taken there to secure the best results. The lesson to be derived is that it pays, and pays well, to be careful. There is far too much speculation or gambling in connection with the western plan of tilling the soil, and the failures that are so frequently ascribed to other causes are due, in the majority of instances simply to the slipshod methods that are adopted. The craze for the almighty dollar is not confined to the cities. The farmer chases the lure with as much zest as does the town-dweller, and in the pursuit he is not always concerned with the fitness of things. "Getting there" is too often the main consideration, and in making the journey extravagance and prodigality are practised to an extreme degree. The principal sufferer is the soil itself, and if the owner has no care for the future he is apt to excel in wastefulness. The Indian Head Experimental Farm has been producing good crops for about a quarter of a century, but it gives no indication of soil exhaustion. Conservation of moisture is a feature of the annual program, and coincident with that phase is the retention of the other sustaining properties in the soil. Rotation of crops reaches the pinnacle of excellence there, and the general scheme of production is carried out in a way that leaves the land in practically as healthy a condition as when it was first cultivated.

IN SPITE OF THE WEATHER

The weather, the most important consideration in determining success in agriculture, is no more favorable year in and year out, at Indian Head than it is in any other part of the cultivated area in this Province, but the losses through unfavorable atmospheric conditions are minimized by the precautionary measures that are adopted. Success has been attained during some seasons in spite

of rather than with the assistance of the weather. Three years ago, for instance, when growth was retarded through a lack of warmth and a general lateness of the season, a creditable showing was made by the various grains on the Experimental Farm. Similarly, when in the following year a wave of frost swept over central Saskatchewan and more than 25 per cent. of the crops in this portion of the province were ruined, there was comparatively little loss there. Proper protection against such a calamity had been provided in the preparation of the soil and the general management of the crops themselves. It is not going too far to say that a large proportion of the damage which ordinarily attends farming operations can be avoided. Human agencies cannot provide absolute safeguards against the eccentricities of the weather, but they can accomplish much in that direction.

ADVANTAGES NOW APPARENT

In no season has the wisdom of Proper Cultivation—Galley TWO..... proper farming methods been more apparent than at the present time, when loud complaints of insufficient moisture are heard from various crop districts in the three provinces. The lamentations are based on the alleged unkindness of the weather, and little thought is given to the larger question of wise precaution and protection. Hon. W. R. Motherwell, minister of agriculture, has insisted that poor tillage has done more harm than the lack of rainfall, and Dr. Saunders' conclusions confirm that finding. The lesson is being learned slowly but surely, and encouragement is given by a realization that there is an increasing tendency to incorporate business principles into the cultivation of the soil. Steam plows and power machinery of various sorts may have their respective places in the work of opening up the country, but the most profitable and most enduring results are not to be obtained through the use of such devices. Gradually, it is to be hoped, the intensive cultivation of the land will appeal to the farmers as a whole, and when the lesson has been well learned there will be general surprise at the ease with which the change has been brought about. Some day, perhaps, the records may show an approximation to those which in Great Britain are looked upon as common. Many people in Manitoba, Saskatchewan and Alberta seem to be ignorant of the fact that in England practical farmers have little difficulty in raising forty bushels of wheat to the acre every year.

FOREST FIRES ARE RAGING IN MONTANA

White Fish, Mont., Aug. 11.—Forest fires in the Lalley Lake region have taken a serious turn and are now burning more fiercely than ever, after three days of hot, dry weather. Smoke last night was so thick that it completely obscured the sun.

Livingston, Mont., Aug. 11.—The report that disastrous forest fires were burning in the National Park has been thoroughly investigated and it is learned that no fires of a serious nature are raging. Several small fires have been under way in the interior of the Park far from the route

taken by the transportation companies. These are now all under control and little damage has been done. The troops that subdued these fires have been called into Fort Yellowstone. The fires are believed to have been started by lightning as vegetation is dry throughout the park. The air has been filled with smoke and mountains a mile or two away can hardly be distinguished. Game in large numbers is driven in to the valleys below the fire regions, the animals apparently losing fear of man at the approach of fire.

Washington, Aug. 11.—The forest service has called on the wardens to fight the forest fires in Montana.

General Leonard Wood, chief of staff of the army has directed that a battalion of 14th Infantry of Oregon be ordered immediately to Misoula.

Dr. De Van's French Female Pills

A reliable regulator; never fails. While these pills are exceedingly powerful in regulating the generative portion of the female system, they are strictly safe to use. Refuse all cheap imitations. Dr. De Van's are sold at \$5.00 a box. Mailed to any address. The Scobell Drug Co., St. Catharines, Ont. A. J. Ryan, Central Pharmacy, Special Agent.

The State of Texas is running its penitentiary on a paying basis. The penitentiary board announces that the State will clear \$1,000,000 on its sugar cane, corn and cotton crop this year.

AMUSEMENTS

Aug. 22nd.
The Annual

PICNIC

of the
Fredericton Brass Band
will be held at the
HERMITAGE
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MONDAY, AUG. 22nd.

The Band are determined to make this the best picnic ever.
New games, lots of dancing, a nice big moon, a classy supper, a dandy time.
The Hermitage is the prettiest place in the Province for a picnic.
Admission to grounds, 10c. Supper, 25c

CITY OPERA HOUSE

Monday, Aug. 15
MONTE THOMPSON Presents
A Vital Drama of Business and Social Life

The Final Settlement

A PLAY OF TO-DAY
Special Cast
Complete Scenic Production
PRICES: 25, 35, 50 and 75c.
Seats on Sale at Ryan's Drug Store

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To-Night MUSIC BY THE Military Brass Band

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COOL AND BREEZY

A big "IMP" feature entitled "The Way to Win," also two Kalen features, "Mistaken Identity," and an exciting war story. This is a splendid program for the mid-week change.

AT THE GEM TO-NIGHT

THE HALLROOM BOYS
USE IS SECOND NATURE.
PROFESSIONAL DUTY
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GUIDE FOR TRAVELLERS

INTERCOLONIAL DEPARTURES.

No. 303—Mixed for Loggieville, 5.00
No. 317—Suburban for Gibson and Marysville, 6.15.
No. 321—Suburban for Gibson and Marysville, 11.15.
No. 323—Suburban for Gibson and Marysville, 16.20.
No. 301—Express for Loggieville, Chatham, Campbellton, Quebec, Montreal, etc., 18.30.
No. 327—Suburban for Gibson and Marysville, 18.40.
No. 329—Suburban for Gibson and Marysville, 22.00.

ARRIVALS

No. 306—Suburban from Marysville 7.45.
No. 302—Express from Loggieville, Chatham Junction 11.25.
No. 308—Suburban from Marysville 13.30.
No. 304—Mixed from Loggieville and Chatham Junction, 16.00.
No. 310—Suburban from Marysville 19.15.
No. 316—Suburban from Marysville 21.55.

CANADIAN PACIFIC

DEPARTURES

6.20 a.m.—Express for St. John, Portland, Boston, Woodstock, etc.
7.55 a.m.—Mixed for Woodstock and points North. Leaves St. Marys at 8.35.
9.45 a.m.—Express for St. John and points east.
4.45 p.m.—Mixed for Woodstock, via Gibson branch on Tuesdays, Thursdays and Saturdays.
5.50 p.m.—Express for Montreal, and Boston, Woodstock, St. Stephen etc.
9.05 p.m.—Express for St. John and points east.

ARRIVALS

9.10 a.m.—Express from St. John and points east.
11.20 a.m.—Mixed from Woodstock via Gibson branch, Tuesdays, Thursdays and Fridays.
11.35 a.m.—Express from Montreal, Boston, etc.
7.50 p.m.—Express from St. John, and points east.
9.05 p.m.—Mixed from Woodstock, and points North.
10.50 p.m.—Express from Boston, Portland, Woodstock, St. Stephen etc.

STAR LINE S. S. CO.

Steamer Victoria leaves for St. John every Monday, Wednesday and Friday at 8 o'clock a.m. Arrives on Tuesdays, Thursdays and Saturdays at 4.30 p.m.

ST. JOHN RIVER S. S. CO.

Steamer Elaine leaves for St. John every Tuesday, Thursday and Saturday at eight o'clock. Arrives every Monday, Wednesday and Friday at 4.30 p.m.

Steamer Hampstead leaves Fredericton every week day for Gagetown at 4 o'clock p.m. Arrives from Gagetown at 10.30 a.m.

Stage line for Meductic and point on western side of river leaves the post office Mondays, Wednesdays and Fridays at 7.30 a.m.

187-Acre Potato Farm, \$6,000

One hundred acres in machine worked fields, cuts 75 tons hay besides producing big crops potatoes for which farm is perfectly adapted, near yearly Boston boat, splendid markets and advantages, spring watered pasture for 20 cows, 62 acres heavy wood and timber, orchard of 150 trees; good set buildings, 9-room house, 100-ft. barn with basement; to settle affairs quickly \$2,000 worth machinery and tools included, part cash; picture and all details of this and another that one year's income will pay for, including stock and tools, page 8, "Strout's Big Farm Catalogue No. 30," copy free. Station 2538, E. A. Strout, Kent's Hill, Me.

Notice to Plumbers, &c.

All contractors, plumbers, and others having charge of plumbing work in this city are required to hereafter comply strictly with the fourth and other regulations of the Provincial Board of Health with respect to Plumbing and House Drains—more particularly by filing with the Local Board plans and specifications of proposed work for approval. Compliance with this law will hereafter be strictly enforced. Blank forms will be furnished on application to the undersigned.

By order of the Fredericton Board of Health.
Dated this 29th day of June, A. D. 1910.
CHAS. W. BECKWITH, Secretary.
Fredericton Board of Health.

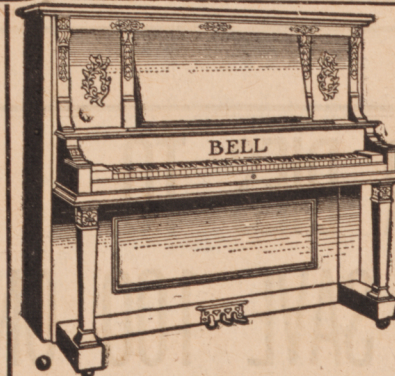
WANTED

Freehold Lot in Fredericton or vicinity with medium sized house. If conditions otherwise are satisfactory a lot containing an acre or upwards will be purchased. Quote lowest cash price. Address
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BOYS WANTED—To sell the Daily Mail. There's money in it.

WANTED—At the Mail Office a printer—an all round man preferred. Steady employment and good wages.

WANTED—Dress making including children's clothes and plain sewing. Done reasonable. Apply next door above dye works Queen St., city.

WANTED.—A Second Class Female Teacher for the Cork School, District No. 3, Parish of Manners Sutton. Apply, stating salary to
ARTHUR McCANN,
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York County, N. B.

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In good locality for a young girl of 13 years, for school term. Must have piano in home. Apply at once to
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One small house, situated on Church Street, moderate terms. For particulars apply at this office.

TO LET—Well appointed flat on King street on King street. All modern conveniences. Pleasant location. Apply at this office.

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The Hunting Cabin, Motor Boat, "Tidyler" 35 ft. long, 7' 8" beam, 15-20 h.p. Small 3 cylinder engine. Boat well fitted. Roomy. W. C. etc. Speed 10 knots. Three years old. Price low. Will be in Fredericton for two days for inspection. Date given on application to F. L. Cooper.

FOR SALE

FOR SALE—Building lots on St. John and Regent Streets. Also good heavy standing hay, about four acres. Apply to Mrs. T. Lynch.

FOR SALE.—Acetylene gas machine. Apply to
A. MURRAY & CO.

FOR SALE

House, barn and lot in the Village of Stanley, next below Dr. Moore's residence; also one building lot in Stanley, and one house and two barns and lot in the Village of Gibson, known as the Ruel property, of four acres of land fronting the main river. This property is a good mill site as there is plenty of land and good shore for rafts of logs in the dry time in summer. Full information by calling on the owner on the premises, Gibson, B. McMennamin.

PROBATE COURT

COUNTY OF SUNBURY

Wednesday, the Sixth Day of July, A. D. 1910.
In the matter of the Estate of Henry Nevins, late of the Parish of Lincoln, in the County of Sunbury, Farmer, Deceased.

Let the heirs, next of kin, creditors, and all others interested in the Estate of the said late Henry Nevins, deceased, be cited to appear before me at the Court of Probate to be held at my office in Oromocto, in the County of Sunbury, within and for the said County of Sunbury, on Wednesday, the fourteenth day of September next, at eleven o'clock, in the forenoon, to show cause, if any they have, why license should not be granted to Martha True, Administratrix of the Estate of the said late Henry Nevins, deceased, to sell such of the real estate of the said deceased as may be necessary for the payment of the debts of the said Estate.

Given under my hand and seal of the said Probate Court, this sixth day of July, A. D. 1910.
(Sd.) JOHN W. GILMOR, Judge of Probates.
(Sd.) EMMA E. ESTABROOKS, Registrar of Probates in and for the County of Sunbury.
GREGORY & WINSLOW, Proctors for Petitioner.

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