

THE EXPERIMENTAL FARMS OF CANADA

CHIEF AID TO BUSINESS OF AGRICULTURE.

Start Immigrant on Road to Success—Prime Factor in Dominion Expansion.

Agriculture is the first industry of the Dominion and likely to remain so, and recognizing its importance as such, no pains nor efforts are spared in developing and promoting it by every means possible. The Government of Canada and many influential organizations unceasingly are exerting every effort to induce colonization and people the nearly one hundred million acres of fertile unoccupied arable land in the Prairie Provinces as well as the undeveloped lands of Eastern Canada and the Maritimes. But their zeal does not end with getting immigrant peoples settled on the land. It is the country's aim to make each a successful agriculturist both to his own profit and that of the Dominion, to this end maintaining the supremacy of Canadian agriculture.

One of the principal and most successful means in accomplishing this is the experimental farm. Canada has established and developed an excellent system of experimental farms which cover the country and adequately serve, with their branches, every settled portion of the country. The central experimental farm, which is headquarters for the Dominion, is located at Ottawa, whilst branches and auxiliary farms and stations are to be found in every province. There is one farm to each of the provinces of Prince Edward Island, New Brunswick, and Ontario, two in Nova Scotia, four in Quebec, two in Manitoba, three in Saskatchewan, two in Alberta, and four in British Columbia. There are also two sub-stations in Alberta, two in the Yukon, and one in British Columbia. An addition to the system is the tobacco stations at Farnham, Quebec, and Harrow, Ontario.

Research and Assistance. At all these farms, experimentation and research are carried out on every phase of agriculture, and advice and assistance tendered on every aspect of farm life. Their operations have proved of immeasurable benefit in ascertaining the adaptability of certain plants to specific crops, originating plant life, proving the crop values of newly settled areas, and extending information on every point in farm life. They are at the continuous service of the Canadian farmer who is confronted with some problem in his daily round or who is in doubt as to how to proceed with some operation.

At the central experimental farm at Ottawa, thousands of inquiries are received yearly on subjects covering a very wide range. Advice is given on economy in purchasing feed, on the purchase of livestock, on labor-saving devices in farm work, and in one year more than seven hundred sets of blue prints with specifications for farm homes and buildings were distributed. The Horticultural Branch in its various spheres of activity has been responsible for originating new varieties of apple, plum and strawberry, and has given genesis to new varieties and species of flowers.

The poultry Branch operates poultry plants at all the farms throughout the country and is interested, among other things, in providing for the farmers the best laying strains. Disease investigation work is carried on, and through the branch's extension work, exhibitions are held, assistance and advice given to poultrymen, laying contests instituted, and lectures, judging, and demonstrating conducted at fairs. An active Bee division has done much for the apiculturist in Canada in experimentation upon the reduction of labor and production of honey. Canada's tobacco industry in its every phase is the care of the Tobacco Division, whilst the Division of Economic Fibre Production is continually making tests of new crops and has achieved some fine results, notably in flax fibre.

The Division of Chemistry.

The Division of Chemistry receives all agricultural produce for analysis, and more than seven thousand samples have been received in one year. These include seed, flour, feeds, meats, etc. The Botany Division is interested in the extermination of insectivorous pests, diseases in grain, etc. The Cereal Division tests cereals for the best conditions of growth and also distributes free samples of seed to farmers, and conducts baking and milling tests of field products. The Forage Plants Division is concerned with the supervision of tubers throughout the Dominion and the assurance of an adequacy of seed.

The farmer in Canada is recognized as the most valuable asset the country possesses. He is at the basis of the nation's wealth and progress; he is the hinge upon which swings national development. To make better farmers and promote agriculture generally is recognized as a prime factor in Dominion expansion, and to effect this warrants the nation's utmost endeavors. Canada has already surprised the world with both the quality and quantity of her agricultural products, and this in some little measure is due to the system of experimental farms at all times at the farmer's service.

MARTHE LESNER'S AWAKENING

By Jean Berthe
Translated by
Wm. L. McPherson

She was a tall young woman, with pale cheeks and dark hair. She entered the office on the ground floor, where the minor officials had their quarters, and asked if she could speak to the Colonial Service Director.

"Yes, but you will have to wait some time—half an hour, possibly three-quarters."

"I'll wait," she said. She took a seat on a bench where some others were already waiting. There was a working woman, who had a baby on her arm; also a very old Sister of Charity and two squires with worn tunics. Although it was 2 o'clock in the afternoon, the electric lights had to be turned on in the gloomy, ill-lit room, and they brought out all its ugliness.

Marthe closed her eyes and asked herself once more why she had come. She was astonished at the ease with which she had decided to take a fresh start in life. A disappointment, a shattered dream! Certainly she knew well that such setbacks are common in the lives of over-sensitive people who let their hearts carry them away too quickly in the hard competition for happiness. Others take up the struggle again and buoy themselves up with eternal hope. But she, through weakness or pride, had renounced that bitter effort. What she sought now was another sky—and forgetfulness.

Plunged in her reverie, she didn't notice that her companion had left the bench and that she was sitting there alone. A door opened and an employee approached her. The director had been called out. You will not be able to see him to-day. But his secretary will receive you.

It made little difference to her. She followed her guide through a corridor that seemed interminable. Then she found herself, without knowing how, in a clear, bright room, whose windows opened on a garden. A young man arose and bowed to her. On his desk was a bouquet of fresh red roses. "You want some information?"

She felt embarrassed. To speak of herself and tell her story seemed utterly impossible. Nevertheless, his courteous manner inspired confidence. She answered, after a slight hesitation: "Yes. It is for a friend of mine who thinks of expatriating herself. She is of my age—twenty-two—and consequently legally a major and free. She has diplomas, speaks several languages and doubtless could be of some service where you sent her."

"Doubtless," the young man repeated. "We need, in fact, all kinds of assistance, all sorts of willing workers. Let your friend make out a formal application and I will do what is necessary. I promise you, to obtain a prompt answer for her."

"Thank you!" said Marthe Lesner, with a glance that conveyed her gratitude. "Since your friend is free," the young man continued, "she will have a good opportunity to establish herself satisfactorily, if she becomes acclimatized in her new place of residence. We encourage marriages among the French colonists. That is the best means of assuring a prosperity which is too often lacking."

She blushed and didn't dare to look at him. She had expected to find her friend in the presence of some gruff-mannered personage, perhaps an old-man, and she hadn't recovered from her astonishment. The cordial voice rattled on, with a frankness in which there was perhaps a touch of irony.

"It is a good example to follow. Does it tempt you?" "Not in the least," she assured him. "One can do one's duty anywhere," the secretary added. His voice had become grave.

She took her leave without offering him her hand. He conducted her to the end of the interminable corridor. Now she was walking on the quais, along the Seine. It was a spring day, clear and mild. The stream flowed in a scintillating mass, reflecting the golden rays of the sun. The trees on both banks were beginning to bud. Their little green leaves opened in the light as if with hands greedy to seize it. And the old buildings, in their robe of grayish stone, seemed to be rejuvenated.

Marthe was not in a hurry to go home. A sudden change had come over her and she wasn't able to analyze its causes. She had got up that morning with her will firmly fixed and her reason in accord with her will. She had weighed everything for and against. She had ardently desired to have the matter settled as promptly as possible. But when she came into the presence of the man who could aid her she had changed her mind. She hadn't even dared to tell him the truth, to admit that she herself was the applicant. Why? Had she felt some sudden attraction toward this unknown, who had talked so sympathetically with her and had seemed for a moment to be interested in her fate?

Not the least in the world! But...

THIN, WATERY BLOOD MEANS ILL HEALTH

Rich, Red Blood Brings Bright Eyes and Rosy Cheeks.

The girl who returns home from school or from work thoroughly tired out will be fortunate if she escapes a physical breakdown, because this getting tired so easily is probably the first warning symptom of a thinning blood that must not be disregarded if her health is to be preserved. When the blood becomes thin and impure the patient becomes pale. She not only tires out easily but often suffers from headaches, palpitation of the heart, dizzy spells and a loss of appetite.

In this condition Dr. Williams' Pink Pills will be found to have a beneficial action on the blood. Miss Delima Lafreniere, St. Ambrose, Man., has proved this in her own case, and advises others to use these pills. She says: "Before I began the use of Dr. Williams' Pink Pills I felt like a complete wreck from my former self. My blood was poor and thin. I suffered from faint and dizzy spells, and had backaches and headaches almost every day. I decided to give Dr. Williams' Pink Pills a trial, and by the time I had used three boxes I felt much better and I continued taking the pills until I felt as well as I ever did. For what they did in my case I cannot recommend these pills too highly."

Dr. Williams' Pink Pills can be obtained from any dealer in medicines, by mail at 50 cents a box or six boxes for \$2.50 from The Dr. Williams' Medicine Co., Brockville, Ont.

SAVE THE CHILDREN

Mothers who keep a box of Baby's Own Tablets in the house may feel that the lives of their little ones are reasonably safe during the hot weather. Stomach troubles, cholera, infantum and diarrhoea carry off thousands of little ones every summer, in most cases because the mother does not have a safe medicine at hand to give promptly. Baby's Own Tablets relieve these troubles, or if given occasionally to the well child will prevent their coming on. The Tablets are guaranteed by a government analyst to be absolutely harmless even to the newborn babe. They are especially good in summer because they regulate the bowels and keep the stomach sweet and pure. They are sold by medicine dealers or by mail at 25 cents a box from The Dr. Williams' Medicine Co., Brockville, Ont.

Sea Soup.

In some fascinating lectures to children at the Royal Institution in London Prof. J. Arthur Thompson, the biologist, had much to say about the conditions of life in the deep-sea "meadows." Away to the west of Patagonia, said Prof. Thompson, there is a great sea desert where no birds come and no fishes are caught. When the bottom of the sea is examined it shows nothing except a few sharks' teeth or the occasional ear bone of a whale.

But little of the open sea is like that. The professor described it as consisting chiefly of great sea meadows where young creatures can live and feed in the easiest possible way. As an example he cited a delicate little animal that would be unable to live on the seashore. It feeds and moults and then becomes a megalope. It feeds and moults again, and now begins to look like a shore crab. So it ticks its tail underneath it and begins its long journey over the sea meadow and up the continental shelf to the shore.

The sea meadows, he explained, have just about the depth of water that the light of the sun can penetrate. When there is plenty of light untold millions of Infusoria and other drifting microscopic creatures breed and multiply. They furnish food to myriads of copepods, or water fleas—tiny insects that are the chief food of the fishes. When the light is bad the "sea soup" is thin, and the fishes have a hard time. Then the mackerel fishing is poor. The mackerel, he said, is a particularly clean-feeding fish and depends entirely on the sea soup. In seasons when the light is bad it is likely to starve.

Hopelless.

Little Grace was met by a strange lady on the street who endeavored to question the child as to her father's first name. "What does your mother call your father?" was the question first put. "She calls him my daddy."

"Yes, yes, I know; but when she wants to speak to him, what does she say?" "Oh, she says, 'Get, please,' " was the child's reply. "I don't mean when she calls him at the office. When she tells him to get up in the morning, what does she call him?"

"Oh, she says to be ready in about five minutes."

Friend or Foe?

Many people find that tea and coffee are foes to their health, but that Instant Postum is a friendly table drink. This pure cereal beverage is rich in aroma and flavor—fully satisfying—and contains no element of harm for nerves or digestion.

"There's a Reason" for Postum

The minimum charge for an automobile license in Texas is \$7.50, which includes any motor from one horsepower up to 21 horsepower. From 22 horsepower on up, there is a charge of 35 cents per horsepower.

BIT'S OF HUMOR FROM HERE & THERE

A New Course. Caller—"Is Miss Jones in?"

Servant—"No, madam, Miss Jones is going to be married, and she goes to the college every afternoon to take lessons in domestic science."

Not Intimidated By Food.

"Don't be afraid of the meat, Mr. Grant," said the landlady to the new boarder.

"I'm not afraid of it, ma'am," said Grant. "I've seen twice as much meat, and it didn't frighten me a bit."

A Regular Scholar.

Little Bess was proud of her older sister, who took honors in college, being valedictorian of her class.

"Katherine did fine," she informed the neighbors after commencement, "she was Queen Victoria of her class."

Feminine Finance.

He (looking at wife's cheque book) "—You don't mean to say you have given out a cheque for \$100. Why, you've only got \$40 in the bank to meet it."

She—"That's all right, dear. If the cashier says anything about it I'll tell him to charge it."

Discarded Style.

The City Nephew—"I'm glad to see Aunt Hetty dresses her hair sensibly instead of wearing those silly puffs over the ears."

Uncle Talltimber—"She tried 'em once an' they got tangled up with the telephone receiver an' she missed more'n half the gossip goin' on over twenty party lines."

Positively Absurd!

An aeroplane flew over an Irish asylum, to the consternation of the inmates. Next day two of the lunatics were discussing the machine.

One said: "Do you know I dreamt last night I made one of those contrivances and flew to Australia in sixty minutes."

"That's strange," said the other. "I had a similar dream. I went to Melbourne in fifty seconds."

"How did you go?" "Right through the earth."

"Look here, my friend, you're not a lunatic—you're a blithering idiot, that's what you are."

A Cautious Hint.

The dear old Scotchwoman tramped miles over the hills to get a bottle of medicine for a small boy who was ill in her remote village.

When she had described the symptoms, the doctor set about preparing the mixture, one ingredient of which was a poison which could be administered only in the smallest quantities.

She watched him pouring it out with the utmost care into the measuring glass. He poured a little from the bottle, held the glass up to the light, and then put a few drops back again.

"Ah, doctor," she said, reproachfully, "ye needna be sue stingy. Remember it's for a pair wee orphan laddie."

Disposition.

A certain Irish railway company has a regular printed form on which to report any mishaps which occur to animals on the line. Recently a stray cow that had wandered on to the line was accidentally killed, and Tim O'Toole, who had lately been promoted to be traffic inspector, was asked to send in a report.

In answer to the question, "Disposition of carcass," he wrote, "Kind and gentle."

Wouldn't Believe It.

Hostess—"Well, Tommie, you can tell your mother for me that you are the best-behaved boy at table I ever met."

Tommie—"Thank you, ma'am, but I'd rather not."

Hostess—"Rather not? And why, pray?"

Tommie—"She'd think I was ill, ma'am, and send for the doctor."

MINARD'S LINIMENT

Blistered Feet, Sore Feet, Fret Feet, Burning and Aching Feet. After a hard day's work or a long tramp and your feet are completely used up, bathe them in hot water, then rub them well with MINARD'S LINIMENT. It will relieve you and you will never be without a bottle.

America's Pioneer Dog Remedies Book on DOG DISEASES and How to Feed and Cope with any Ailment by the Author, H. Clay Oliver, Esq., 111 West 21st Street, New York, U.S.A.

COARSE SALT LAND SALT

Bulk Carlots TORONTO SALT WORKS G. J. CLIFF TORONTO

DAWSON WOULDN'T TAKE \$1,000 FOR IT

DECLARES TANLAC ENDED TROUBLES.

"It's the Best Medicine I Ever Heard Of," Says Toronto Man.

"Honestly, I wouldn't take a thousand dollars in gold for the good Tanlac has done me," said Delbert F. Dawson, 174 Browning Ave., Toronto, Ont., well-known carpenter and builder.

Besides relieving me of a bad case of stomach trouble of many years standing, Tanlac has built me up 150 pounds in weight and I never felt better in my life than I do now. I suffered so I could hardly stand the pressure of my clothes against my stomach and the way it pained me was simply terrible, and often I had choking spells, when I almost lost my breath. I was so nervous I couldn't sleep and mornings got up feeling blue tired and sore all over. I was going to bed, I felt weight considerably and became so weak I was constantly losing time from work, and many times got so dizzy I had to grab hold of something to keep from falling. Nearly all the time I had headaches and sometimes it hurt me so bad I could hardly endure it. My liver was in an awful condition and I had liver spots all over my body.

"Well, I just kept getting worse, in spite of everything I did, until I got Tanlac. But this medicine seemed to get right after my troubles, for it wasn't long before I was feeling lots better. I've taken eight bottles in all and am a well man, never lose a day from work or feel bad in any way. It's a fact, Tanlac is the best medicine I ever saw or heard of."

Tanlac is sold by leading druggists everywhere. Adv.

A Cute Young Man.

"Sir," said the young man, with enthusiasm, as he seized the lecturer's hand and shook it warmly, "I certainly enjoyed your lecture last night very much indeed."

"I am glad to hear that," replied the lecturer; "but I can't remember seeing you there."

"No," admitted the youth, "I was not there."

"But," asked the puzzled speaker, "how could you enjoy my lecture if you were not present?"

"Oh, I bought tickets for my girl's parents, and they both went."

Minard's Liniment for sale everywhere

A Circus Inside.

A little fellow was sitting at the table one day with a plate of fancy biscuits resembling various animals before him. As he paused in the operation of lessening the number, his mother asked him what he was thinking about so earnestly.

"Oh, mamma, I'm thinking what a circus is going on inside of me," was his reply.

ASPIRIN

"Bayer" is only Genuine

Warning! It's criminal to take a chance on any substitute for genuine "Bayer Tablets of Aspirin," prescribed by physicians for twenty-one years and proved safe by millions. Unless you see the name "Bayer" on package or on tablets you are not getting Aspirin at all. In every Bayer package are directions for Colds, Headache, Neuralgia, Rheumatism, Earache, Toothache, Lumbago and for Pain. Handy tin boxes of twelve tablets cost few cents. Druggists also sell larger packages. Made in Canada. Aspirin is the trade mark (registered in Canada), of Bayer Manufacture of Monacelldesider of Salicylicacid.

Quickly Soothes Itching Scalps

Treatment: Gently rub Cuticura Ointment with the end of the finger, on spots of dandruff and itching. Follow next morning with a hot shampoo of Cuticura Soap. Repeat in two weeks. Nothing better than these fragrant super-creamy emollients for all skin and scalp troubles.

Sally Lee, Montreal, 25 and 26, Taylor St. Sold throughout the Dominion. Cashier's Deposit: 100¢. Unpaid, 50¢. 10¢. 5¢. 2¢. 1¢. Cuticura Soap shaves without soap.

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