

PLANTS "MADE TO ORDER" BY BURBANK

PATIENCE AND HARD WORK ARE HIS "SECRETS."

Worked Wonders in Plant-Life, Producing Seedless Potatoes and Shell-less Walnuts.

While I was making my "tour of inspection" through California I took the opportunity of visiting Luther Burbank, says an English writer.

Burbank is one of the marvels of the age in his own line of business. He has improved upon Nature almost past belief. His specialty lies in making plants of all kinds much more perfect than they ever were before.

What is Luther Burbank's secret? There isn't one. He has simply used intelligence and patience in crossing plants, and has brought out more varieties of plants than any other man in history. But it has taken him half a century of labor and some 100,000 experiments. The seedless potato which he evolved some fifty years ago had a greater effect on the world's supply than any single plant.

Horticulturists and floriculturists have been doing the same thing for centuries. Luther Burbank has been more successful than any of them because he possesses the capacity for taking infinite pains, and that is another way of saying he is a genius.

Weird Walnuts. Patience and hard work, and especially patience, have been the chief factors in his success. For fifty years he has thought of nothing else.

Deciding first what he wishes to create, recreate, or improve in the vegetable world, he begins by selecting specially fine specimens, allowing them to go to seed, and then experiment with the seeds under all sorts of conditions of climate, soil, and nourishment. The products of these experiments are in turn improved until the desired result is obtained.

Far be it from me to belittle the fame of Luther Burbank. But I want to dispel the idea that he possesses any supernatural powers, just as I am anxious to dispel the stories of "black magic" on his part. The truth about this really great man is much more interesting than are the wild tales told about him.

The cinema is often spoken of as one of the greatest benefactors of mankind. Well, Luther Burbank has done more for his fellowman than all the film stars going. He has added to the wealth of the world to an extent that we cannot yet estimate.

Only he doesn't enjoy a Press agent, so the world doesn't hear much about him and his work.

I returned to my first question—how he had produced the seedless cactus. For those who do not know this armor-plated plant, I just wish to say that the cactus is thorny and then more thorny. At least, it was until Burbank got busy with it.

"How did you do it?" I asked. "I simply experimented with the seeds until I got what I wanted," he replied, casually dismissing years of work. "It took time, and I don't know how many experiments. In the end I produced a new and better variety of cactus—and that's all."

"And that is what I am trying to do—to produce better grains, nuts, fruits and vegetables," he went on. "I am not only striving after new forms, colors and flavors, but for a better food supply for the world with less waste. My new wheat has been awarded a first prize in Canada. It is the finest wheat in the world. I have also a new oat and a new barley which will add millions to the world's wealth."

"Just now I am devoting most of my time to new varieties of fruits and nuts. You know, before I produced my plans it was impossible to export any California plums, as they got spoiled on the way. So I just grew a thicker skin on them!"

I also developed some walnuts without any shells, but the birds ate them off the trees, so I had to grow the shells back again. I want to show you my walnut trees. I think they are one of the finest things I have produced.

The Old, Old Story. He led me out into his gardens, which, by the way, are not exceptionally large, and only boast of a greenhouse no larger than many of the conservatories one sees in the grounds of ardent amateur flower-growers. Here he pointed out to me a huge tree.

"I grew that tree in ten years, and it is as large as a two hundred and fifty year old tree," he explained. "It is a cross between the black and the English walnut. Its timber is nearly ten times as valuable as that of the ordinary walnut. Think what that means. A forest of them would be worth a fortune."

As we walked about he pointed out to me various experiments which were under way.

And as we talked I got an insight into his philosophy of life, which was even more interesting than the plant wonders he had shown me. Luther Burbank is an optimistic pessimist.

"There is as much in life to hope for as there is to fear," he told me. "Life is self-expression, with action in certain definite directions, based on mechanical or chemical change. You cannot get away from the facts of evolution."

THE WAY TO BE WELL

Good Health Maintained Through Rich, Red Blood.

There are many men and women who, every few weeks, have spells of weakness, during which times they are little better than invalids; yet at other times they feel very well. Why does their health fluctuate so?

In the case of men worry and overstrained nerves are usually responsible for this state of unfitness and inability to face the anxieties of daily life.

As for women, her back aches, she is dizzy with sick headaches, and often has stabbing pains in the side. The only real health is all-the-year-round health, and the secret of it is good, red blood and plenty of it. On this point there is scarcely a nook or corner in Canada where someone will not be found who will tell you the benefit they have had through the use of these pills. And the reason is that through the improved condition of the blood, the lengthened and toned up nerves of worried, enfeebled men and women, and at the same time have given new vigor to pale, delicate girls and thin, weedy boys. The value of these pills in all run down conditions is shown by the statement of Mrs. Lawrence Brown, Walton, N.S., who says:—"When I began taking Dr. Williams' Pink Pills I was in a weak, bloodless and nervous condition suffering from all the depressing symptoms that accompany this run down state of health. I had taken much medicine but it did not do me any good, and as I had a family of small children, I was much discouraged. Then, reading about Dr. Williams' Pink Pills, I decided to try them, and I can honestly say that I feel these pills have saved me from prolonged misery. My health is now good, and we now keep the pills in the house for use as a family medicine."

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

Australia exports 24,000,000 rabbit skins every year.

Ask for Minard's and take no other.

Timely Warning. The newly-appointed manager of a banking branch was being introduced to his employees.

He singled out one of the men at the cashier's desk, questioning him in detail about his work.

"I have been here forty years," said the cashier's assistant, with conscious pride, "and in that time I have only made one slight mistake."

"Good," replied the new manager. "But hereafter be more careful."

Surnames and Their Origin

HARKER
Racial Origin—English.
Source—A given name.

An older but obsolete form of this family name would be "Harkerson," or perhaps "Harkison," for it really belongs in the classification of surnames which end in "son" and which originally indicated the parentage of their bearers.

In a sense the name can claim greater antiquity than the English names of Norman origin, for it comes not from a Norman given name but from an Anglo-Saxon name which was in wide use prior to the Norman invasion, and which persisted even through that period, just as many other Saxon names did. As a matter of fact, however, it is likely that the family name was formed just about the same time the others were, and it is only as a given name that we can pick it up prior to the Norman invasion.

"Hardgaer" and "Heregaer" were the spellings which the Anglo-Saxons gave the name, and if you'll try it yourself you'll see there is really little difference between the pronunciations of "harker" and "hardgar." The meaning of this given name was "strong spear," or in the more general sense, "strong weapon."

Did You Know This?

Many ordinary, everyday things have names to which they are not really entitled.

Take tins, for instance. They have no right to the name, for they are made of sheet iron, with only the thinnest coating of tin.

Nor is "galvanized" iron really galvanized; it is merely dipped in molten zinc to give it the galvanized appearance.

The camel has nothing to do with the camel-hair brushes so beloved of artists, for they are made principally from squirrel's hair, and sealing-wax does not contain an atom of wax. It is made from shellac, cinnabar, and turpentine. It is the same with lead pencils, which contain no lead, and kid gloves that have no connection with young goats but are made from sheepskin.

From its name, one would think that the bit-mouse was a rodent, instead of a harmless, dainty little bird. The nightingale is not by any means only a night singer; its sweet song is heard just as frequently by day.

Small flies are not baby flies; they never grow any bigger, for the size of flies does not vary once they are fully formed. The dragon-fly is often accused of stinging; in reality, it is perfectly harmless.

It is a fallacy to suppose that a cat can see better in the dark than in the daylight, for it cannot, though its powers of sight at night are more highly developed than those of man and many of the humbler creatures.

A beef-eater does not get his name from the fact that he eats nothing but beef. The original word was *butifera*, a French word, meaning a man who waited at the Royal table or buffet.

Perhaps you have thought that it is steam which you see coming out of the kettle spout when the water boils. Steam is invisible; what you see is condensed moisture.

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A Devout Oriental.

While on a special mission to the United States, a Persian official was entertained by a wealthy American, who invited the Oriental to his country place near the national capitol. On the morning of the Persian's arrival his host visited him in his apartment and was astonished, so the story runs, to see the Persian hopping about the floor in the most curious way. The host ventured to ask the reason for this extraordinary conduct; whereupon the Persian said:

"This rug is, as you see, green in color with pink roses here and there. Now, green is a sacred color with Persians, so I am obliged to hop from rose to rose. It is very good exercise, but somewhat fatiguing."

Diplomacy.

Young six-year-old Walter was reading a book far beyond his years. He looked up (he often did) and said:

"Papa, what does diplomacy mean?" "Diplomacy, Walter, means doing the right thing at the right time." The boy was silent for a minute. Then suddenly he spoke again.

"Then, I suppose," he said, "I used diplomacy last night?"

"How was that?" asked his father. "Why, when mother came in with the pastor oil last night, I rolled Johnny over into my place, and then rolled him back again before she got to the other side!"

SAVED BABY'S LIFE

Mrs. Alfred Tranchemontagne, St. Michel des Saints, Que., writes:—"Baby's Own Tablets are an excellent medicine. They saved my baby's life and I can highly recommend them to all mothers."

Mrs. Tranchemontagne's experience is that of thousands of other mothers who have tested the worth of Baby's Own Tablets. The Tablets are a sure and safe medicine for little ones and never fail to regulate the bowels and stomach, thus relieving all the minor ills from which children suffer. They are sold by medicine dealers or by mail at 25 cents a box from The Dr. Williams' Medicine Co., Brockville, Ont.

In Proportion.

For weeks Perkins had been ill in hospital. With the beginning of convalescence he called loudly for food, declaring that he was being starved.

"The doctor says you may have something to eat to-morrow," said the nurse soothingly.

Now Perkins realized that there would be a restraint to his appetite; yet in his mind he could behold a meal, albeit a modest one, at his bedside.

On the morrow nurse entered and announced: "Here's your dinner." And she gave him a spoonful of tapioca, adding, "The doctor says that everything else you do must be in the same proportion."

A little later nurse was summoned to Perkins' bedside.

"Nurse," he gasped, "I want to do some reading; please bring me a postage stamp."

Real Expansion.

"Now," said the physician who was examining an applicant for life insurance, "I shall have to ascertain your chest expansion."

"My what?" asked the applicant. "He means," said a friend who had come along, "the difference between what you measure when your chest is not inflated and what you measure when it is inflated."

"Oh," said the applicant, beginning dimly to understand. "Ten years ago I measured around here—indicating his round stomach—"only thirty-two inches. I measure forty-eight now. I guess what you call my chest expansion is sixteen inches."

Says Indigestion Was Entirely Overcome

Hope for the millions of unfortunate men and women who are victims of stomach trouble is sounded by Mrs. O. E. Smith, of 169 Yarmouth Road, Toronto, Ont. Mrs. Smith was a victim of stomach trouble in its worst form but was completely restored to health by taking Tanlac. She says:

"I suffered terribly from indigestion, headaches and dizzy spells. My kidneys also bothered me, and my back and legs hurt constantly. But since I took Tanlac my digestion is perfect and I never have an ache or pain of any kind. In fact, I feel just fine all the time."

Undigested food ferments in the stomach and soon the entire system is filled with poisons. Tanlac was designed to restore the stomach to a healthy condition and build up the whole body. Millions everywhere have acclaimed its wonderful power. Get a bottle today.

Tanlac is sold by all good druggists. Advt.

A Stone-Dust Car-Blower.

A car has been designed for distributing stone dust in coal mines, to prevent explosions.

Much coal dust lodges on the "ribs" of coal-mine tunnels and in crannies of the rough-hewn walls. Currents of air created by trains of coal-cars passing through, or by other means, constantly blow it about. When the coal dust is mixed with air it becomes a dangerous explosive.

Accordingly, resort is had to the expedient of blowing stone-dust over the walls and ribs of the tunnels. The same air-currents that scatter the coal dust distribute with it the stone dust, which, mixed with the coal dust, renders the latter non-inflammable.

A conical receptacle is filled with stone dust, which is discharged through a hose, a gasoline engine actuating an air-blast that drives it out in a dense and powerful stream.

"Cascarets" 10c

Best Bowel Laxative When Bilious, Constipated

To clean out your bowels without cramping or overacting, take Cascarets. Sick headache, biliousness, gas, indigestion, sour, upset stomach, and all such distress gone by morning. Nicest physic on earth for grown-up and children. 10c a box. Taste like candy.

Playing It Safe. In navy circles there is told the story of an old sailor named Bill Taylor, who, while under court-martial, had been so impressed with the instructions of the young officer detailed for his defense that he was determined to exercise all care as to qualifying evidence when he was not absolutely certain. So, when the Judge Advocate asked him his name he replied:

"My name is William Taylor—or words to that effect."

MONEY ORDERS. The safe way to send money by mail is by Dominion Express Money Order.

You cannot dodge your responsibility by running away from duty.

Minard's Liniment for Distemper.

Saving Time Lengthens Life.

Think of the tremendous efforts and pains business men take to attain the highest possible efficiency in manufacturing, in handling and selling, in building, the cutting off of unnecessary steps, studying the science of short cuts and effectiveness; but how few pay any attention at all to the time efficiency, the saving of the minutes and the hours as precious success products.

There is nothing so precious as time, because we cannot separate a particle of our existence from a moment of time. They are identical so far as we are concerned. We live in what we call time.

Now, I presume that the majority of people could save at least one hour a day during their whole active careers, by rearranging their life schedule. Most of us sleep too much. It doesn't follow that because we are sleepy when our usual time arrives to get up we need more sleep. If we lie abed nine hours or eight hours, and even if we sleep most of the time, it does not follow that we would suffer if we should cut off an hour of this precious time, because we would naturally sleep better during the shorter time we allowed ourselves.

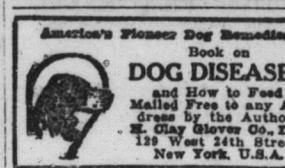
I believe that seven hours of good sound sleep is enough for anybody, except small children and babies. I doubt if any healthy adult needs more. If those who are strong and in good health only allowed themselves this much time I believe they would get all the sleep they needed.

Just think what it would mean to save an hour a day for self-improvement, for good reading, for self-culture in different directions! How we could enlarge and enrich our lives with all these saved hours a week!—O. B. Marden.

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SALESMEN

We pay weekly and offer steady employment selling our complete and exclusive lines of whole-root, fragrant-to-order trees and plants. Best stock and service. We teach and equip you free. A money-making opportunity. **Lake Brothers Nurseries, Montreal**



America's Pioneer Dog Remedies
Book on **DOG DISEASES** and How to Feed Mailed Free to any Address by the Author, **E. Clay Glover Co., Inc.** 115 West 14th Street New York, U.S.A.

Bad milk can be detected over the telephone by means of a newly designed electrical apparatus.

Every square mile of the ocean is believed to have a population of 120,000,000 fish.

One of the best known guides in Nova Scotia gives this testimonial of MINARD'S LINIMENT:

"Have used Minard's Liniment in my home, hunting and lumber camps for years, and consider it the best white liniment on the market. I find that it gives quick relief to minor ailments, such as sprains, bruises and all kinds of wounds. Also it is a great remedy for coughs, colds, etc., which one is liable to catch when log driving and cruising during the winter and spring months. I would not be without MINARD'S LINIMENT and cannot recommend it too highly." (Signed) Ellison Gray.

Cuticura Heals Itching Burning Pimples On Face

"My face was entirely covered with pimples which not only disfigured me but bothered me with itching and burning. They were large, hard and red, and after a while began to fester. They itched so that I had to scratch them which made the burning more intense."

"I used various salves and creams but they gave no relief. The trouble lasted for nearly three months until I heard of Cuticura Soap and Ointment. I sent for a free sample. In about a week a decided improvement was made so I bought more, and two cakes of Soap with one box of Ointment healed me." (Signed) Elmer V. Foss, 7 Ocean View Ave., East Lynn, Mass.

Give Cuticura Soap, Ointment and Talcum the care of your skin.

Sample Free by Mail. Address: "E. F. McClellan," Dept. 115, 115 St. Paul St., W. Montreal. Send every-where. Soap, Ointment and Talcum. Cuticura Soap shaves without mug.

STOMACH MISERY, GAS, INDIGESTION

"Pape's Diapepsin" Corrects Sour, Upset Stomachs at Once

"Pape's Diapepsin" is the quickest, surest relief for indigestion, gases, flatulence, heartburn, sourness, fermentation or stomach distress caused by acidity. A few tablets give almost immediate stomach relief. Correct your stomach and digestion now for a few cents. Druggists sell millions of packages.

COARSE SALT LAND SALT

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TORONTO SALT WORKS
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RIDOUT & MAYBEE, KENT BLDG. Yonge Street, Toronto. Registered Patent Attorneys. Send for free booklet.

FOR SALE. YARN—WONDERFUL VALUES AND Colors samples free—Georgetown Woolen Mills, Ont.

WEEKLY NEWSPAPER WANTED. WE HAVE A CASH PURCHASER for a weekly newspaper in Ontario. Price must be attractive. Send full information to Wilson Publishing Co., Ltd., 71 Adelaide St. W., Toronto.

BELTING FOR SALE

THRESHER BELTS AND SUC-TION hose, new and used, shipped subject to approval at lowest prices in Canada. York Belting Co., 115 York St., Toronto, Ont.

MOTHER!

Move Child's Bowels with "California Fig Syrup"

Hurry mother! Even a sick child loves the "fruity" taste of "California Fig Syrup" and it never fails to open the bowels. A teaspoonful to-day may prevent a sick child to-morrow. If constipated, bilious, feverish, fretful, has cold, colic, or if stomach is sour, tongue coated, breath bad, remember a good cleansing of the little bowels is often all that is necessary.

Ask your druggist for genuine "California Fig Syrup" which has directions for babies and children of all ages printed on bottle. Mother! You must say "California" or you may get an imitation fig syrup.

WHAT IS A LETTER

Many Times It's a Guide to Health as is This One

Women—Read It

Marmion, Ontario.—Before using Lydia E. Pinkham's Vegetable Compound I was a total wreck. I had terrible pains in my sides and was not regular. Finally I got so weak I could not go up stairs without stopping to rest half-way up. I saw your medicine advertised in the newspapers and gave it a trial. I took four bottles of the Vegetable Compound and was restored to health. I am married, am the mother of two children and do all my housework, milk eight cows and do a hired man's work and enjoy the best of health. I also found the Vegetable Compound a great help for my weak back before my babies were born. I recommend it to all my friends.—**Mrs. HENRY JANKI, Marmion, Ontario.**

Letters which you read in the newspapers recommending Lydia E. Pinkham's Vegetable Compound are genuine expressions from women who have been helped by this splendid medicine. They are anxious for other women, who may be suffering as they did, to know of the great merit of this medicine. Each one, with her reputation, stands behind it, to point out to sick women the way to health. Lydia E. Pinkham's Private Text-Book upon "Ailments Peculiar to Women" will be sent you free upon request. Write Lydia E. Pinkham Medicine Co., Lynn, Mass.

Never Mind What Granny Did—Remember—You're You!

MANY people refuse to believe that tea or coffee can possibly harm them, because they have used these table beverages ever since they outgrew the health rules relating to children.

"Nonsense!" they say, "Why, Granny has been drinking tea or coffee all her life."

It's true that some folks drink tea and coffee without apparent harm. These are the exceptions. But to most people there comes a day of reckoning.

Sold by grocers everywhere

Instant Postum FOR HEALTH

"There's a Reason"

A generous sample tin of Instant Postum sent, postpaid, for 4c in stamps. Write: Canadian Postum Cereal Co., Ltd., 45 Front St. E., Toronto. Factory: Windsor, Ontario



If you are free from headaches, nervousness and indigestion, if you never lie awake at night, if you know that your health is unimpaired—then, perhaps, you are an exception, too.

BUT—it's well to know that, when you do find something the matter with your nerves and digestion, there's a happy, healthful, table beverage made from roasted wheat. Its name is Instant Postum. It has a fragrant aroma and a rich, full-bodied flavor that charm and satisfy without risk to your health and comfort.

Accept only an "unbroken package" of "Bayer Tablets of Aspirin," which contains directions and dose worked out by physicians during 22 years and proved safe by millions for

ASPIRIN

UNLESS you see the name "Bayer" on tablets, you are not getting Aspirin at all

Accept only an "unbroken package" of "Bayer Tablets of Aspirin," which contains directions and dose worked out by physicians during 22 years and proved safe by millions for

Colds	Headache	Rheumatism
Toothache	Neuralgia	Neuritis
Earache	Lumbago	Pain, Pain

Handy "Bayer" boxes of 12 tablets—Also bottles of 24 and 100—Druggists. Aspirin is the trade mark (registered in Canada) of Bayer Manufacture of Monocetylalcohol of Barmen, Germany. While it is well known that Aspirin was made by Bayer Manufacture, to assist the public against imitations, the Tablets of Bayer Company will be stamped with their general trade mark, the "Bayer Cross."