

EXPERIMENTS WITH VEGETABLES.

The practical, educational work carried on by the Ontario Agricultural College, through the Experimental Union, is now well known throughout Ontario.

The seeds or plants for these experiments and full instructions for conducting them are furnished free, on the understanding that each experimenter will report the results of his experiment at the end of the season.

Owing to the great demand for the experiments with fruits and the limited funds for the purchase of plants for this purpose, the supply of these for this year is already exhausted.

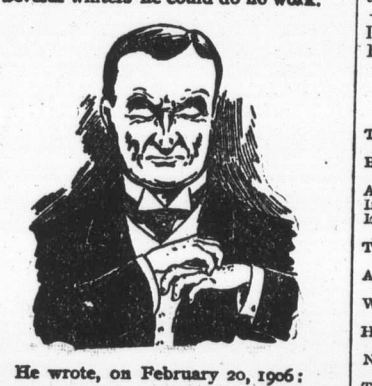
Three of the leading varieties of each of the following kinds of vegetables are offered for testing this year: spring, winter, carrots, onions, lettuce, early tomatoes, and late tomatoes.

The early tomatoes are best for northern sections, where the later and better varieties cannot be depended upon to ripen.

Any person in Ontario who wishes to join in this co-operative testing may choose any one of the experiments above mentioned, and send in his application for the seeds and instructions for conducting the series.

Applications will be filed in the order they are received until the supply of seeds is exhausted. Address all applications to H. L. Hunt, Ontario Agricultural College, Guelph, Ont.

Marvelous case of Leo Corrigan which shows that skin diseases heretofore considered hopeless can be cured. Since childhood, Leo Corrigan had been tortured with the burning agony and itching of Eczema.



He wrote, on February 20, 1906: "In November, 1905, I had another attack and was advised to use Mira Ointment. I thought this would be like the other remedies I had tried, and of no use to me. But, to my great delight, I felt great relief."



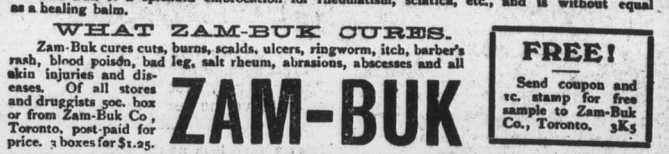
Painting Butterflies. The butterfly was a beautiful deep blue, as lustrous as satin, but looking at it closely the collector shook his head. "Another fake," he said. "See here."

To Put a Faucet in a Barrel. It is no easy task to place a barrel in position after the faucet has been inserted. The following simple expedient will make it easier: First, stand the barrel on end. Bore the hole for the faucet in the usual way and then plug it with a cork.

If your good intentions were all real, you would have to open bills for a new paving contract.

4 YEAR OLD BOY COULDN'T STAND! Limbs Weakened by La Grippe Made Strong by Zam-Buk.

Mrs. T. Brixton, of 5 Woodworth Ave., St. Thomas, Ont., says: "I had had some experience as to the efficacy of Zam-Buk in healing sores, cuts, etc., and had heard good reports from friends who also tried this balm."



Electricity in the Khyber Pass and the Land of Llamas. There is a plan for utilizing the tremendous force which lies beyond the Khyber Pass in the wasted waters of Afghanistan.

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VEGETARIANISM. German Professor Considers It Is Not Suitable for Europeans.

An absolute vegetarian diet is not suited to the needs and interests of European races. This is the conclusion of a Professor of Berlin. He says, in part: "The vegetarian diet is not suited to European organs; but, relieved by the addition of milk, grain, butter, cheese, eggs, etc., it offers many advantages. It alkalizes the blood, it regulates the circulation and preserves the elasticity of the arteries."

"It makes one less liable to danger from maladies of the skin and of the joints and to congestion of the internal organs. It tends to less agitation and aggressiveness. As a system of nourishment it is rational enough. Should the wish be for a milder race no diet would be superior. Yet an absolute vegetarian diet is impossible for the white races, because the digestive tract of Europeans (and Americans) has long since been rendered unfit for such diet."

Minard's Liniment Co., Limited. Gentlemen,—Theodore Dorais, a customer of mine, was completely cured of rheumatism after five years of suffering by the judicious use of MINARD'S LINIMENT.

The above facts can be verified by writing to him, to the parish priest, or any of his neighbors. A. COOTE, Merchant. St. Isidore, Que., 12th May, '98.

Mixing and Combining Ingredients. Flour and sugar are tossed lightly into cup and leveled with a knife. Butter is always packed closely in either cup or spoon and leveled with a knife.

Butter and other fats should be creamed with a wooden spoon in an earthen bowl or a granite vessel to insure success in cake baking; and sugar should be added gradually.

The lightly beaten whites of eggs should be out and folded into mixture last. Sugar to be used for making cake may be sifted once to remove large crystals. Fine granulated sugar is best for cake baking in general.

To flour a pan in which a cake is baked, butter it well on bottom and sides; sift flour lightly over entire surface; afterwards invert pan and shake out superfluous flour.

Oake should be removed from pan as soon as baked. Cake should always be cooled on a cake cooler.

Eggs are beaten three degrees of lightness. Slightly beaten when they are beaten with a fork to the consistency to run from the tines. Lightly beaten when whites and yolks are beaten together thick and light. Beaten stiff when whites are beaten separately until they will stand.

There are three motions used in combining ingredients, stirring, beating and cutting and folding. By stirring ingredients are thoroughly mixed. By beating a large quantity of air is incorporated. But cutting and folding, previously introduced is not allowed to escape.

ITCH. Mange, Pruritic Scabies and every form of contagious Itch on human or animal cured in 30 minutes by Wolford's Sanitary Lotion. It never fails. Sold by druggists.

\$25,000 for a Lost Painting. A few years ago a Western man came to Mr. Brown's studio and seemed to gain satisfaction in finding his familiar features unchanged. He told the artist that in his boyhood he had worked in the streets of New York, and, with others of his class, had served as a model for one of his pictures of street boys. He looked back when those days as being quite as happy as any he had ever known.

Remarkable Automatic Balloon. The French Government is interested in a scheme for exploring the Sahara by balloon. Before aeronautes undertake the trip, however, a balloon provided with automatic steering and equilibrating apparatus is, if possible, to be sent across the desert, from north to south. The northwest winds, which prevail over the Sahara from October until April, are depended on to drive the balloon on its voyage of about 1,400 miles, from Gabes on the Mediterranean to the Niger River. A steel guide-rope 2,400 feet long governs the balloons' motions. Whenever it sinks to within 150 feet of the ground, the change in the position of the rope results in the opening of an automatic valve, allowing the escape of water ballast. As the balloon rises the valve closes. If the experiment succeeds, four aeronautes will try to cross in a balloon.

Slightly Different. Bonus (struggling author)—I was surprised at the favorable reception accorded the little farce comedy I wrote last month. But what did your dramatic critic mean by suggesting that I write another one before I retire? Nagrus (literary editor)—He didn't put it quite that way. He said you ought to write one more, and then quit.

On Second Thought. "Guests without baggage," delicately hinted the hotel clerk, fixing him up, "are usually required to pay in advance." "That's all right, pard," said Uncle Jess. "I'll be glad to pay a large wad out of his pocket and get him to peel off a \$1,000 bill."

Entirely Satisfied. "I'm entirely satisfied with the service of this hotel on a cold sweat."

Spread of Consumption in Paris. (From the London Chronicle.)

The bureau of doctors and experts engaged in the inquiry regarding consumption in Paris has divided the houses affected into three groups: 1. Houses with less than five deaths from consumption during the year.

2. Houses with from five to nine deaths. 3. Houses with over ten deaths. The last two groups contained the houses which are definitely regarded as contaminated.

During 1905-7, 807 consumptive deaths out of 9,573 in all occurred in houses with a previous consumptive record. The corresponding number in 1905 was 7,322, showing a remarkable precision in the working of the infective taint.

Of those 7,807 deaths, 4,838 occurred in the houses of the first group—with a record of under five deaths—and 2,969 in houses of the second and third groups.

The "contaminated" houses in Paris are found to number 5,263, with a mortality almost precisely the same in the two years of 28 per cent. of the total in 1905 and 29 per cent. in 1906.

The houses which have shown a high mortality from 1894 to 1905 continue to show a mortality of almost precisely the same height in relation to the other mortality in 1906.

At the same time there has been a steady spread of the disease, to new houses—to 1,704 new houses in 1905 (with 1,788 deaths), and 1,649 in 1906 (with 1,766 deaths)—3,353 new houses in two years.

There is one group of 281 houses with 9,700 inhabitants in twelve streets. These houses produced a steady average mortality of 12 per 1,000 during Jan. 1, 1894, to Dec. 31, 1904. That proportion continued in 1905 at the rate of 11.22, and in 1906 at the rate of 11.74. To put the facts in actual figures, 109 people died in those death houses during 1905 and 114 during 1906.

Or take another group of 318 houses with 12,600 inhabitants in nineteen streets. These houses had a steady average mortality of 8.23 from 1894 to 1904. That mortality dropped to 8.07 in 1905 and rose to 8.79 in 1906. There are rises and falls, but the average is retained with amazing persistency.

A Loquacious Swain. Mr. Backwoods had called for the first time to escort Miss Bumpkin to the weekly prayer meeting. An excess of timidity and self-consciousness reduced both to the point of absolute silence until at last and with visible effort, as the "meeting house" is neared, the gallant swain all his courage:

"Do you like stewed rabbit?" he asked. "Yes," returns the maiden coyly. Again silence, until on the return journey the home lights are sighted, when, with another mighty effort the resolute swain asks sagely:

"Ain't the gravy nice?" And yet there are those that maintain that country folk sometimes seem at a loss for conversational topics.

WHAT CAUSES HEADACHE. From October to May, Colds are the most frequent cause of Headache. LAXATIVE BROMO QUININE removes cause. E. W. Grove on box, 25c.

New Use for X-Rays. To obviate the enormous amount of time lost in the Ceylon pearl fisheries in opening oysters which are found to be without pearls a French professor of the University of Lyons some time ago hit upon the idea of using the X-rays to ascertain what was the nature of the contents of the precious molluscs, in order that only the most valuable ones would need to be opened. The idea was found to be impracticable on account of the time it took, but now an American has constructed an X-ray apparatus, provided with a rotary arrangement, which allows of more than 100 oysters being "radiographed" in 15 seconds, or about 24,000 an hour.

Minard's Liniment Relieves Neuralgia. An Invidious Call. One afternoon the proprietor of an animal store said to his young clerk: "Tom, I'm going upstairs to work on the books. If anyone comes in for a live animal let me know. You can attend to selling the stuffed animals yourself."

About half an hour later in came a gentleman with his son and asked Tom if he could show him a live monkey. To the customer's amazement, the clerk ran to the foot of the stairs and yelled: "Come down, come down, sir; you're wanted."—Judge's Library.

Lost His Bearings. Noah opened a window in the ark and looked out on the wild waste of waters. "I haven't the least idea where I am," he said, "but this looks like Gage Park."

Feeling that in any event it would be utterly useless to appeal to Mrs. Hetty Green for relief, he closed the window and resolved to wait patiently till the waters subsided of their own accord.

No Need of a Fire. "Wasn't it awful?" exclaimed the apartment-house girl. "The furnace was entirely out last night." "I never noticed it," replied her chum. "What? Never noticed it? And you set in the cold parlor for two hours with the young man. Who was he, anyway?" "An old flame."—Puck.

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ISSUE NO. 13 1908. SOPORIFIC SERMONS. Scientific Explanation of a Falling of Church-Going Humanity.

The well-known explanation that the stiffness of the atmosphere in a church is the cause of sleepiness in members of the congregation is, according to the Revue Scientifique (Paris) "insufficient." If this hypothesis were tenable, argues our authority, it is manifest that the congregation, or those members of it who react readily to a soporific agent, would go to sleep before the sermon began. Now, it is notorious that the sleeping is done during the sermon. The true explanation is that the auditor unconsciously hypnotizes himself or herself by concentrating the gaze for a long period on a single object, what also cures adults and aged people troubled with urine difficulties by day or night.

Wanted a Part of the Bet. Congressman Champ Clark was a passenger recently on a train bound for Kansas City, when he was much amused by the soliloquy of an old chap who, it appeared, was proceeding to the city named on certain legal business. The journey was nearly completed when the elderly person became possessed of the notion that certain important papers had been left behind. After a hurried investigation of his bag he observed: "If I left those papers behind I'm a fool!"

A little later he resumed his examination of the bag's contents. "I bet it'll turn out I'm a fool," he murmured, sadly.

When another mile or two had been accomplished he rummaged through the bag once more, and as he turned over the last bundle repeated: "It will sure turn out a fool!"

At this juncture a testy individual occupying the adjoining seat took a hand. Frowning upon the old chap who had so often offered to wager that he was a fool, the irritable person looked over the edge of his newspaper, and with sarcastic interest said: "Would you oblige me, sir, by laying a little money that same way for me?"

First Crook—Yes; I'm making good money now. Second Crook—What at? First Crook—Counterfeiting.

The State of Washington leads in lumber production. From Bellingham the shipments by cargo lots alone amounted, last year, to 150,220,028 feet.

Mr. Andrew Carnegie, it is said, has offered to present to the Kaiser a plaster cast of the giant extinct reptile.

ENGLISH SPAVIN LINIMENT removes all hard, soft and calloused lumps and blemishes from hooves, blood spavin, curbs, splints, ringbone, swellings, stifles, sprains, sore and swollen throat, coughs, etc. Save \$50 by use of one bottle. Warranted the most wonderful balmish Cure ever known. Sold by druggists.

A Carry Scot. To illustrate the cunningness of the Scot the following tale is told: A merchant and a farmer were discussing political economy in a railroad carriage. After a while the merchant filled his pipe, lit it, and settled back for a comfortable smoke. The farmer took his pipe from his pocket, and, after gazing longingly at its empty bowl, asked his companion for a match. The merchant selected one from a large boxful and handed it over.

Said the farmer: "I am afraid I've come away without my honey pouch." "Well," said the merchant, holding out his hand, "then ye'll no be in need of that match."—Philadelphia Ledger.

Minard's Liniment for sale everywhere.

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EDDY'S "SILENT" PARLOR MATCHES. Silent as the Sphinx!