

Today

Using Money Wisely.
A New Fashion.
W. B. Thompson's Idea.
Millions for Plants.
By ARTHUR BRISBANE

Many kinds of power, from oxen to Niagara, from lightning to windmill, money represents them all. Money harnesses lightning, Niagara and the oxen.

It says to men, "go," and they go. It says "come" and they come. It says to one, "You shall live in luxury, with no work," and so it is.

Men spending their money tell you what they are. A Tutankhamen or Mausolous spends on a magnificent monument for a tomb.

Rich Romans spent to buy wild animals and gladiators, that the people, delighted to see men and beasts fighting, might forget their own degradation. Later in one age, even darker age, men lived their selfish, brutal, self-indulgent lives and at the last moment spent money, religiously, hoping to buy forgiveness and bliss for their own worthless souls.

Methods and men have changed. Power locked up in money issued to help others, and increase knowledge.

This brought about an institute for studying and improving plants, established by William Boyce Thompson, on the edge of the Hudson river.

Mr. Rockefeller has his institute for fighting human diseases, increasing strength and resistance in human beings. Colonel Thompson's institute fights diseases of plants, and the possibility of building up plant strength and conquering plant disease.

Every farmer, all the wheat, vegetable, flower and fruit growers in the world are interested in this institute. It has cost millions to establish, will require other millions to carry it on. One single discovery in such an institute might increase the value of the earth's crops enough to pay twice over the whole cost of the great war.

Innumerable laboratories, in which plants are raised under all light conditions, from utter darkness to artificial light equaling that of the sun, night and day, are a part of the institute. In one room plants will grow 24 hours a day with 25 lights of 1,000 watts shining down on them. In another room they will grow in perpetual darkness. It is possible to produce artificial light equal in strength to that of the sun, although it is not necessary usually. The average plant develops a maximum of plant food with light one-twelfth equal to the power of sunlight.

But the sun's light is 37 per cent light, 63 per cent heat. The best tungsten lamps give only 7 per cent light, against 93 per cent heat. With such lights, plants would be baked, without the help of science. It "screens out" the surplus heat by making the light pass through a film of absolutely transparent water.

There are rooms in the institute in which will be duplicated the atmosphere of the carboniferous era in which the hazards grew as tall as houses, and ferns taller than oaks built the coal beds with their falling pollen.

Gas from the boilers will be "washed" and from it will be taken the carbon dioxide necessary to plant life. With carbon dioxide, a gas much heavier than air, the plants will be actually irrigated. Gas poured out on the surface of growing soil scatters, spreads as so much water would do.

Plants grown with artificial light, turned on in the greenhouse when the sun goes down, grow and ripen more rapidly—as hens lay more eggs, under artificial light.

Experiments in the institution solve the problem of germinating seeds for those that grow rose plants, and many of the fruits. Seeds that under ordinary conditions require several years germination, germinate in three months with a uniform temperature of 5 degrees centigrade—which is just 5 degrees above freezing.

Certain plants are destroyed by ethylene which is one of the constituents of illuminating gas. It is as deadly to growing flowers as sewer gas to young children.

The same ethylene gas, used in warehouses where green fruits are stored, will ripen them in a few days.

The Thompson institute, growing plants under a peculiar glass that cuts out ultra-violet rays, shows that plants can be grown twice as quickly and big, under such conditions. Those are the ultra-violet rays, beyond the rainbow invisible to our eyes, that destroy the health and life of white men in tropical climates.

Such an institution on which millions have been spent and for which other millions will be provided by one man's generosity represents the sort of "sport" which men will engage in when they become civilized. Individuals, knowing what is worth while, will compete as Colonel Thompson does with state and national governments, and universities in the study of problems affecting the earth, man and his welfare.

The W. B. Thompson plant institute is bringing together the ablest scientists, to work in an intellectual laboratory endowed with millions to carry on its work. Centuries to come that institute will be remembered, its records quoted when the word of a race horse, the strength of a prize-fighter, or the details of crime shall have ceased to interest human beings.

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Rebuilding Storm-Torn Area of Louisville, Neb.



Work of reconstruction at Louisville, Neb., was under full steam Monday, following the ravages of Friday's storm, in which 12 lives were lost.

Picture No. 1 shows men at work near a caevain where several persons were killed. Second picture shows reconstruction work in progress at a trestle, damaged by high water.

Women of the city provided not coffee and sandwiches for workers all day Sunday. Picture No. 3 shows residents of Louisville forming a "bread line" before the shop from which coffee was dispensed.

Fourth picture shows where the Burlington track was washed out. Trucks bearing food and other supplies from Omaha arrived at Louisville yesterday in time to avert a possible famine, other means of communication being cut off.

Funeral services for four victims of the storm were held Sunday, and services for five more were to be held Monday. Three bodies have not been recovered.

Farm Price Hike Is Cure for Nation

(Continued From First Page.) The aggregate of selfish interests which would falsely seem to be temporarily benefited by the patent medicine of cheap money is greater now than when Bryan made his fight on that issue in 1896.

They say also that the mere fact that inflation has already covered so large a portion of the earth raises the question of whether America can be immune from the infection. They do not doubt, however, that if the question in its simplest form should be clearly presented to America, the answer would be on the same wholesome side as in 1896.

As to the specific farm question, which is the greatest trouble the administration has, your correspondent has been at pains to ask some of the democratic leaders what is their position on it. They reply that for the present their position is the comfortable one of staying on the outside and looking in. As to the future in the campaign next year, they say they are going to take two positions, both designed to put the republicans on the defensive.

One is that the troubles of the farmer are caused by the lack of a European market and that the lack of a European market is due to the failure of the republicans to have a constructive foreign policy. The other position of the democrats next year will be that if the voters give them the power they will reduce the prices of what the farmer must buy by revising the tariff downward.

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GOODYEAR

Plainview Delegates at Congressional Meeting

Plainview, Neb., Oct. 1.—The pastor and four delegates from the First Congregational church of this place are attending the 67th annual meeting of the Nebraska Congregational conference at the First Congregational church at Lincoln, October 1 to 4.



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Office—218 Arthur Bldg.
JA cksn 5981

Beatrice Fairfax

PROBLEMS THAT PERPLEX.
Advice to Traveler.
Dear Miss Fairfax: As you give such good advice to others, I would appreciate it very much if you will help me. I am a girl of 17, live with my mother and have been working in an office for almost a year. I am entitled to a two weeks' vacation, which I will take soon. An uncle of mine living in Idaho has asked me to spend my vacation with him and has offered to pay all my expenses if I will come.
My mother has never traveled any, consequently I have never been any place far enough away from home to ride in a Pullman. I would like to ask a few questions that would help me, for I hate to have people know how little I know about traveling. I have tried to get information from others' conversation, but I only find it very confusing.
When I get on the train, how will I know which seat I am to take, or will the porter show me? Pullman tickets are marked, aren't they? And then in the dining will the waiter show me which table to take? I have heard people talk about "the service you get on a diner"—will there be anything that will be embarrassing for anyone that has never traveled? And then it is always customary to leave a quarter by your plate for the waiter, isn't it?
At night you should ask the porter to make up your berth, shouldn't you? And about what time should you ask him to do this? And should you undress in the dressing room or in your berth if there are some people still up? Should you put your shoes under the berth for the porter to shine even if you have an upper berth, and what should you do with your traveling bag? I think that you are supposed to give the porter your ticket when you have your berth made up, aren't you? And, if anything should happen during the night and you should want the porter, what would you have to do to get him? And about an upper berth if I should have to take one—how do you get into it? In the movies I have seen people using a ladder to get into one, but I didn't know if this was the way it was done or part of the comedy. If that is the correct way, what should you do when you want to get up in the morning?
I know this letter is long, but it is part of the things I know will come up, and I would rather stay at home than show my ignorance before people. It will mean so much to me to take this trip, Miss Fairfax, I can hardly wait until I see your answer in The Omaha Bee.
This letter is so long and no one else can possibly be interested in it if you would just as soon not print it. I thank you so much, MAXINE.
Pullman cars are numbered and the seats are also numbered. Suppose you have 10 in car 95. Ask the porter who stands at the steps of his car which is No. 95 for look for the number in the window of the car. Odd numbers are on one side of the car and even on the other. They are up high and in the center. You can easily find 10 yourself, though you need not be concerned about the matter at all, for the porter will take your luggage and show you to your seat. Don't tip him until you leave the train. Twenty-five or 50 cents for your trip would be right, depending on the service he gives you. The steward in the dining car will show you to a seat. By no means take one yourself. There is nothing out of the ordinary in dining car service. Give the waiter your order from the menu and tip him 10 per cent of your bill. Many people tip 10 or 15 cents for breakfast and a quarter for luncheon and dinner.
The porter will make up your berth at night without being asked if you wait for him to do so. If you wish to retire early, ask him to make up your berth early. Many people undress in the dressing room and then don a kimono and slippers for getting to their berth. Put your shoes in the aisle close to your berth, and the porter will shine them for you at night. The porter will put your luggage under the lower berth except your small traveling bag, which you can keep with you in your berth.
Give your ticket to the porter if he asks for it. The conductor usually takes it, however. He keeps it until near the end of your journey. There is a bell in the dressing room and also one in each berth, which calls the porter. Ask him to show you where the bells are so that you can call him if it is necessary.
Don't hesitate to ask the porter for any information you wish. Porters are generally reliable and accommodating, and if you are not unreasonable in your demands you will get all the service you need to make your trip pleasant.
People have to use a little ladder for climbing into an upper berth. Ask the porter to bring it. Ring for him in the morning when you want to get down. You will not have trouble on your journey if you use common sense. Railroad officials are always helpful. Ask them your questions and don't consult strangers.
Wealthy Retired Farmer,
91, Weds Housekeeper, 47
Wilber, Neb., Oct. 1.—The town of Wilber claims to have furnished one of the oldest bridegrooms in the state. John Kasl, 91, a wealthy retired farmer of Wilber for the past thirty years, was married to Mrs. Josie Kasner, 47, also of Wilber. The bride came to Wilber about five years ago, and has been housekeeper for Mr. Kasl, who owns considerable property in and near Wilber.

Harold Lloyd
"Why Worry?"
TICKLES AWAY YOUR WORRY!
STARTS FRIDAY

State Not to Aid Holdrege Bank

Supreme Court Holds Guaranty Fund Not Liable for Institution's Losses.
Lincoln, Oct. 1.—Refusal by Governor Bryan and Attorney General Spillman at the beginning of their terms last January to permit \$157,816 to be taken from the state guaranty fund and used to reimburse the Citizens State bank of Holdrege for losses it suffered through a transaction with the Holdrege State bank in May, 1921, and approved at that time by J. E. Hart, head of the state banking department, is vindicated in a decision of the Nebraska supreme court, announced today.
In the decision, written by Judge Good and concurred in by all five of his associates, the high bench holds that when the Citizens State bank took over all the assets of the Holdrege State bank on a voluntary contract between the two institutions, simultaneously assuming liability for the payment of \$235,694 deposits of the latter, the transaction was purely a private one and created no legal obligation against the state guaranty fund.

Tilden Man Is Appointed County Judge at Madison

Madison, Neb., Oct. 1.—County commissioners appointed Forest L. Putney of Tilden to fill a vacancy caused by the resignation of County Judge M. S. McDuffee, who has become associated with the law firm of Mapes, McDuffee and Mapes, at Norfolk. As soon as Mr. Putney can qualify he will be inducted into office. Miss Bessie Wells, who has been assistant to Judge McDuffee in the office of county judge, has accepted a similar position with clerk of the district court.
The salary of the county judge is 2,500 a year.

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