

NEW BUG IS USED TO MAKE PLANTS GROW

BACTERIA, CULTIVATED IN PEAT, HAS REMARKABLE RESULTS ON GRAIN CROPS.

LONDON, May 21.—American agriculturalists are to be aided by Professor W. B. Bottomley of Kings College, University of London, in introducing across the sea the new bug which he has discovered. This bacterium, which is cultivated in peat, is reported to have given marvelous results on grain and vegetables.

In the past two years, Prof. Bottomley has conducted experiments at Kew Gardens and elsewhere with his "bacterized peat," and so wonderful have been the results that he is testing it in large areas of land. The results are termed as "a new method of intensive culture of the nitrogen-fixing bacteria in the soil." Recently Prof. Bottomley showed a jar of tomatoes which were grown in sand which had been baked to kill all life in it, before the tomato seeds were planted therein. Then the soil was watered with a very weak solution of the bacterized peat, and the tomatoes flourished.

"It is a bug that does it all," said the professor. "Our first difficulty was to find him, and then to nurture him. There is no telling where it will all end. It may revolutionize agriculture, who knows? In recent years, evidence has been accumulated that the organic matter of the soil, with its myriads of bacterial inhabitants, is the most essential factor of soil fertility. The decay of organic matter produces humus. This material furnishes food and energy for numerous soil bacteria, and is gradually converted by them into substances, and they also render the mineral food constituents of the soil available for plants. Thus a new humus theory of soil fertility is gradually evolving as the result of modern research."

Corvallis Gazette-Times: There is no getting around it, Tillamook is a dairy country. A few weeks ago the Herald came out wrapped in butter wrappers, and this week the copy reaching the G.T. office bears butter stains and has the odor of butter. Aw, cheese it!

LUBITANIA'S CAPTAIN SAYS HE OBEYED ADMIRALTY ORDER



CAPT. TURNER

QUEENSTOWN, May 26.—In his testimony before the coroner's jury in the case of the victims of the Lusitania Captain W. T. Turner, commander of the ship, said he was warned by the British admiralty of the presence of German submarines on the Irish coast, that he received certain specific orders as to course and the like and that he obeyed them. He would do it again.

"The weather was clear," he testified. "We were going at a speed of eighteen knots. I was on the port side and heard Second Officer Heford call out, 'Here's a torpedo.'"

"I ran to the other side and saw clearly the wake of a torpedo. Smoke and steam came up between the last two funnels. There was a slight shock. Immediately after the first explosion there was another report, but that may possibly have been internal."

"I at once gave the order to lower the boats down to the rails, and I directed that women and children should get into them."

Pendleton will pave 15 blocks with bitulithic on gravel shoulders.

MCGREDIE PUTS HIGH VALUE ON RODGERS.

Judge McGredie has received a wire from the Boston American club stating that they would give Rodgers a trial but would not pay anything for him. Judge McGredie is willing that Boston give Rodgers a trial, but the Portland manager in his wire cast to Manager Carrigan today will stipulate that Rodgers will not become the final property of Boston even though he makes good, until the Red Sox come through with the draft price of \$2500. If Rodgers makes good he will be well worth \$2500 to the Boston club.

JOHN D. JR. CLASHES WITH HIS QUESTIONER

IMPUTATIONS AT STRIKE HEARING ARE RESENTED BY ROCKEFELLER.

WASHINGTON, May 21.—Point-blank questions again were fired today by Chairman Walsh, of the Industrial Relations commission, which is investigating the Colorado coal strike, at John D. Rockefeller, Jr., who openly resented many of them on the ground that they carried imputations that were unjust and improper.

Wordy clashes between the chairman and Mr. Rockefeller were frequent.

Some of the questions to which Mr. Rockefeller objected, because he said they were unjustly designed, were:

"Do you undertake the coercive officers of the law?"

"Did your company cheat the coal miners in weights?"

"Are you acquainted with the details of the Ludlow massacre?"

"Do you know that this troop (Troop A, composed of mine superintendents and clerical force) fired into the tents of the women and children of Ludlow, and that they looted the dead and set fire to the tents of the people?"

The earth's speed on its orbit is 18 1/2 miles per second.

MRS. RAYMOND BROWN, PRESIDENT OF NEW YORK SUFFRAGISTS



MRS. RAYMOND BROWN

CHICAGO, May 21.—One of the prominent women in the big meeting of suffragists here is Mrs. Raymond Brown. She is the president of the New York state suffragists. Leaders from all parts of the country will be in attendance at the meeting, and plans for continuing the campaign in various states will be made. Mrs. Brown will tell of the efforts made by the women of New York state to get the ballot.

Looking on the bright side of things the Salem Journal's weather expert feels impelled to remark that all danger of a drought in Oregon has been dissipated.

They are 70 Years Old.

"For some time past my wife and myself were troubled with kidney trouble," writes T. B. Carpenter, Harrisburg, Pa. "We suffered rheumatic pains all through the body. The first few doses of Foley Kidney Pills relieved us. After taking five bottles between us we are entirely cured. Although we are both in the seventies we are as vigorous as we were thirty years ago." Foley Kidney Pills stop sleep disturbing bladder weakness, backache, rheumatism, dizziness, swollen joints and sore muscles. Jones Drug Co. (Adv.)

HIGHLAND FARMER SUES FOR DIVORCE

ALEX M'MURREN ALLEGED DEFECTION IN COMPLAINT—MORGAN LOSES SUIT.

Alex M'Murren has filed a suit for divorce against Mrs. Mary M'Murren, alleging desertion. He is a resident of the Highland district and has lived in Clackamas county for a number of years. Mr. and Mrs. M'Murren were married in Missouri, July 2, 1896. Gordon E. Hayes filed the suit for Mr. M'Murren.

Cruel and inhuman treatment is alleged in the divorce suit instituted by Mrs. Linda Ott against Emil Ott. She asks for the custody of their child, Wilbur Ott.

J. E. Morgan lost his suit against Eva and George Von Jenison to collect on a note for \$200 in the circuit court Friday. The jury was out only a few minutes. Morgan secured the note from E. Case who had taken it in payment for a team of horses, a harness and wagon sold to Von Jenison. Walter Dimick, attorney for the defendants, alleged that the team was in poor condition and not as represented by Case, and E. C. Latourrette, for Morgan, claimed that his client was an innocent purchaser.

PROGRAM IS OUT FOR BIG TRADE CONGRESS

REPRESENTATIVES OF NORTH AND SOUTH AMERICA MEET AT WASHINGTON.

WASHINGTON, May 21.—Five subjects of the most vital importance to all of the American republics, including the United States, will be discussed at the big congress on finance and trade between North, Central and South America, which opened here today under the auspices of the United States government.

1. Direct exchange between the U. S. and South American countries. Here-tofore dealings between American manufacturers and South American have largely been expressed in "pounds sterling," the English valuation. If a firm in the United States wanted to send money to Buenos Aires for instance, it has to buy London exchange. At the other end the receiver has to pay the exchange to have the draft reduced to the money of the Argentine republic. There is therefore a double charge. With the establishment of direct exchange, there will be only one charge of conversion of funds transmitted.

2. Establishment of branches of U. S. banks in South America. Several of the larger banks have already entered the field, and the new reserve law will facilitate further aid in extending this service.

3. Longer credits to be given by U. S. exporters to meet business custom of European exporters. U. S. firms have heretofore limited credit generally to three months, while British and German firms extend credit from four to six months. This longer credit is more necessary because of the custom of retailers in Latin American countries to grant long credits to their customers. U. S. firms have thus been shut out of a tremendous amount of business.

4. Improvement of transportation facilities between the United States and South America. This forms the subject of serious discussion. Subsidies are opposed by the present administration at Washington, and private enterprise balks at the new seaman's law which goes into effect in November. Secretary McAdoo is therefore pinning his rather on ship purchase by the government, which will again be urged in congress and the next session.

5. Extension of markets in the U. S. for South and Central American products. This subject will be seriously urged by the visitors, for their shipments to Europe have been hard hit during the past nine months. In wool and hides this country may expand its purchases, but the importations of coffee, rubber and nitrates from South America are now covering our needs.

Whooping Cough. "When my daughter had whooping cough she coughed so hard at one time that she had hemorrhage of the lungs. I was terribly alarmed about her condition. Seeing Chamberlain's Cough Remedy so highly recommended, I got her a bottle and it relieved the cough at once. Before she had finished two bottles of this remedy she was entirely well," writes Mrs. S. F. Grimes, Crooksville, Ohio. Obtainable everywhere. (Adv.)

Oswego: Iron water pipe industry here unfavorably affected by reduction of \$5 per ton freight from east.

FRECKLES

Now is the Time to Get Ride of These Ugly Spots.

There's no longer the slightest need of feeling ashamed of your freckles, as the prescription ointment—double strength—is guaranteed to remove these homely spots.

Simply get an ounce of ointment—double strength—from any druggist and apply a little of it night and morning and you should soon see that even the worst freckles have begun to disappear, while the lighter ones have vanished entirely. It is seldom that more than an ounce is needed to completely clear the skin and gain a beautiful clear complexion.

Be sure to ask for the double strength ointment as this is sold under guarantee of money back if it fails to remove freckles. (Adv.)

RESPIRATORY GUARD TO OFFSET DEADLY GASES OF GERMANS



BRITISH SOLDIER WITH NOSEGUARD

The deadly gases of the Germans are not so effective now in the European war. In the accompanying illustration is shown a British soldier equipped with a nose guard to protect him from the terrible odors that follow the explosion of one of the German bombs. It is declared that this device has been very successful in overcoming the otherwise fatal effect of the gases. The guards are simply made of cotton gauze and fit snugly over the nose and mouth.

JURY IS UNABLE TO AGREE IN OLDS CASE

A jury in the case of Oregon Acetylene Lighting company against Albin Olds, of Mount Pleasant, was unable to agree Monday after several hours of deliberation and was discharged at 8:15 o'clock by Circuit Judge Campbell.

The lighting company brought suit for \$195 alleged to be due for installing a lighting system. Mrs. Olds claimed that the outfit was ordered by her husband before she secured a divorce from him and that at the time the lights were installed she protested that she would not make payment. She further alleged that since the fixtures were put in the house she had not used them and brought to court a package of lighting fixtures which had not been opened. Judge Grant B. Dimick represented Mrs. Olds and Circuit Judge Hagley was on the bench.

DATE SET FOR NEW TRIAL FOR GRANICH

Sylvester Granich, convicted in the justice court on a charge of net fishing before the opening of the season, will be given a new trial in the circuit court June 21. The date for the case was set by Circuit Judge Campbell when six others were arraigned.

The dates for the next series of criminal cases are: Otto Wiseman, June 22; Matt Jagmin, June 23; Ross Hiddleston, June 24; Oliver Leek, June 25; Lloyd Hansen, June 26, and Irving Hansen, June 28.

SALE SHOWS INTEREST IN STOCK IN OREGON

PORTLAND, Ore., May 20.—That the dairymen of the Willamette valley are fully alive to the importance of improving their herds is indicated by the phenomenal success of the auction sale of registered and grade Jerseys at Independence last week.

The total number of animals changing hands was 185, of which 135 were registered merit cattle. This is the largest number of Jerseys of this class ever offered at one sale in the United States. Congressman McArthur was one of the largest buyers, securing 10 animals at a total cost of \$2,590, his highest price being \$375. Other high bids were: H. H. Curtis, \$500; W. L. Pate, \$400 and W. B. Allen, \$395. As many as 36 head of Jerseys were brought to this sale by a single breeder.

Professor Thos Shaw, the noted agriculturist of the Great Northern system, accompanied by a party of high officials of the Hill lines, will make a tour of central and eastern Oregon during the week beginning May 31. This will be an educational trip, the experts in the party giving lectures and demonstrations at all principal points in the territory visited. They will study the Tumalo project and other irrigated and dry-farming sections and on their return will make extensive reports for the benefit of the railway immigration department.

Are You Rheumatized?—try Sloan's. If you want quick and real relief from Rheumatism, do what so many thousands of other people are doing—whenever an attack comes on, bathe the sore muscle or joint with Sloan's Liniment. No need to rub it in—just apply the Liniment to the surface. It is wonderfully penetrating. It goes right to the seat of trouble and draws the pain almost immediately. Get a bottle of Sloan's Liniment for 25c of any druggist and have it in the house—against Colds, Sore and Swollen Joints, Lumbago, Sciatica and like ailments. Your money back if not satisfied, but it does give almost instant relief. (Adv.)

QUALITY PROGRAM FOR CHAUTAUQUA IS MADE PUBLIC

TALK OF HARD TIMES DOES NOT DISCOURAGE DIRECTORS OF ASSOCIATION.

CIRICILLO AND ROYAL ITALIAN BAND HEAD LIST OF ATTRACTIONS

Baseball Games Will be Played Each Afternoon and Prof. Griley Will Direct Athletic Events of Session.

The program of the coming session of the Willamette Valley Chautauqua to be held at Gladstone park, July 6 to 18, inclusive, was made public by Secretary H. E. Cross Saturday.

In spite of the general talk of hard times and business depression, the directors are banking on the biggest year in all the 23 years of chautauqua history at Gladstone park, and have assembled a program bigger and better in every way. A wealth of entertainment, headed by the famous Ciricillo and his Royal Italian band, with Newell Dwight Hillis, Colonel Bain, and Senator Burdick, starring among the lecturers engaged, will be assembled, while a larger field of summer school classes than in former years has been arranged for the Chautauquans to while away their morning hours.

As in former years the baseball series will be played each afternoon, but as there are yet three vacancies to be filled, the teams competing cannot be made public at this time. The Oregon Congress of Mothers will again take a most active part in the program, conducting the kindergarten and providing interesting programs each day at their pavilion. Morning talks will be given at 10 a. m. each day in the auditorium by Dr. John H. Boyd of the First Presbyterian church of Portland.

Prof. Griley of the Portland Young Men's Christian association will direct the athletic and physical culture work and Prof. Coven, of Portland, will have general charge of the music. The elocution classes will be in the hands of Della Crowder Miller, one of America's foremost dramatic interpreters. The Consumers' league of Oregon and practically all of the leading colleges of the state will each have their "forum" hour. "Eats" will be provided throughout the 13-day session by the Canby ladies, as in past years, at the Chautauqua cafeteria. (Continued on Page Eight.)

1000 ACRES OF TREES PLANTED BY FORESTERS

The forest service has just completed the work on the largest single planting project ever undertaken in the northwest, approximately one thousand acres having been covered this spring on Mt. Hebo in Tillamook county, Oregon.

This planting of trees is a part of the regular reforestation work of the forest service, and is designed to restore the forest on burned over areas where the original forests have been destroyed by fire, and where nothing but brush now occupies the land. In this way are barren places on the national forest made productive and a future crop of timber provided.

While the Mt. Hebo project represents the largest area covered, reforestation work this spring has been done upon the Snoqualmie forest, in King and Snohomish counties, Washington, and upon the Oregon, Santiam, Cascade and Siuslaw forests in western Oregon, and upon the Malheur forest in eastern Oregon, covering in all approximately 2,500 acres.

It is stated that the success of the spring planting work was somewhat handicapped by the exceedingly dry weather in March and April, and while it facilitated the actual labor of planting, it was a detriment to the trees and may retard their growth.

BURNS ARE FATAL TO S. P. RAILROAD MAN

George D. Barr, of Oakland, Douglas county, died Sunday at Canby following severe burns received Saturday night when his clothes caught fire, probably by the explosion of torpedoes in his pocket.

Barr, who has been an employee of the Southern Pacific for the last 20 years, was working with a bridge construction gang in the southern part of the county. Saturday night he was walking along the Southern Pacific track between Barlow and Canby when several torpedoes and a number of matches in his pocket were ignited and set fire to his clothes. Neal Wilcox and John Matheson, of this city, found him by the track and, after putting out the fire, carried the man to Canby where Dr. Dodman attended him.

Barr was a native of Oregon and 53 years old. He is survived by widow and two children, living at Oakland.

Best Think for a Bilious Attack. "On account of my confinement in the printing office I have for years been a chronic sufferer from indigestion and liver trouble. A few weeks ago I had an attack that was so severe that I was not able to get to the case for two days. Failing to get any relief from any other treatment, I took three of Chamberlain's Tablets and the next day I felt like a new man," writes H. C. Bailey, Editor Carolina News, Chapin, S. C. Obtainable everywhere. (Adv.)

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For Never Before Has This Paper Made the Premium Offer it Now Extends to its Readers

In making an inventory of our premiums we find that we have a wide assortment but, in many cases, not enough of one article to make a permanent offer to our subscribers. We want to clean our stock room, to distribute this merchandise before it begins to lose its value by becoming shop-worn.

Look at the date on your paper. If your subscription has expired or will expire within the next few months, this is an offer you cannot afford to neglect. We mean it when we say these offers are unusual. Read them if you doubt it.

A Child Can Run the National Vacuum Cleaner

The National Vacuum cleaners are, without a doubt, the best hand cleaners on the market. They are strong, durable, and, above all, practical. A child can run one with ease. Full instructions accompany each cleaner.

With a National, you can get dirt out of your carpets even after a thorough sweeping. You can go over your curtains and remove all dust and dirt without even taking them from the walls. The National is so simple that it can withstand much hard usage and yet is efficient. They are the only practical cleaners in districts where there is no electricity yet they are as good as the expensive electrical machines. We secured a large quantity of these cleaners over a year ago and can make an exceptional offer.

We will ship to you postpaid, one cleaner for a six years' subscription to the weekly Enterprise or a three years' subscription to the daily mail. If you do not wish to subscribe so far ahead, induce your friends to take the paper or renew their subscription.



The National in Use

This is Probably the Most Unusual Offer of All

Do you own a hand painted view of the falls of the Willamette river? Would such a picture, done in oil, realistic, and true to actual conditions, appeal to you?

The Enterprise was fortunate in securing the services of a Portland artist who made a study of the Willamette falls. He painted several large pictures and, after being thoroughly acquainted with his subject, was induced to paint a limited number of pictures of the falls for the Enterprise. The pictures measure seven by ten inches.

We do not hesitate in saying that this is the most unusual premium offer of all. The painting is a fit decoration for any home and when framed will receive the admiration of all who see it.

We will send you this picture, postpaid, for a one year subscription to the daily Enterprise by mail or a two year subscription to the weekly Enterprise.

Only Eight 3-Piece Scissor Sets Are Left.

Here again the advantage of buying in quantities direct from eastern agents of the manufacturer is evident. This three-piece scissor set, consisting of a pair of large shears, button hole scissors and embroidery scissors, is the same set that you would pay \$1 or \$1.50 for at your store. They are made of good steel and are strong and durable. We have yet to receive a complaint from a family that secured a set of these scissors from us.

One year's subscription to the daily Enterprise by mail or two years' subscription to the weekly will result in a set being sent to you. As we have only eight sets left, you had better hurry if you want one.

A Six Months Subscription to the Daily Brings a Fountain Pen

Yes sir! That is just what we mean. A six months' subscription to the daily Enterprise by mail will bring you one Popular Fountain Pen.

The Popular has no gold bands, no trills and fancy improvements. It is all pen. It is intended to be used for writing not as an ornament. And it does write. When used properly, the Popular pen will give you satisfaction.

And, remember that a six months' subscription to the daily or one year's subscription to the weekly is all that is required to bring you one of these pens.

Pennants Such as These Are Ideal for Library or Den

These pennants, measuring 14 by 35 inches, are made of heavy felt and letters are stamped on. We bought an even thousand pennants at one order and secured a remarkable price, a fact of which you can take advantage.

We have about an eighth of the original order left and included in the lot are Oregon Agricultural College, Washington, Cuba, Harvard and Alaska.

We will send postpaid two pennants for a year's subscription to the weekly or four pennants for one year's subscription to the daily Enterprise by mail.

These unusual offers will continue until our stock room is empty of premiums; it may be soon.

USE THIS COUPON

Dear Sir— Inclosed please find \$..... for subscription to the (Daily) or (Weekly) Enterprise to be sent to..... at..... I have selected a..... as a premium. Yours, (Name) (Address)

If any article received in this offer is found faulty, return it and we will send you a new one.