

BEFORE PLANTING POTATOES TREAT THEM, SAYS CATE

By C. C. CATE, Pathologist. Small yields of potatoes are due to unfavorable soil conditions, poor soil, poor selection, diseases and insects. Chief among these troubles, disease is an important factor in reducing the crop.

The key to the whole situation is proper selection and treatment of seed potatoes and planting on clean ground. The diseases fall into two general classes, namely, superficial and internal. The superficial forms should be readily detected, but this is not always so with the internal forms.

CLEAN SEED POTATOES: Consider no seed for planting unless it is entirely clean and smooth. Insist upon this when purchasing the seed. If it is impossible to get disease free seed, make a very careful selection, discarding any that may be diseased. Cut up some of the potatoes to be sure that there are no brown specks or other abnormal peculiarities in the flesh.

METHOD OF TREATMENT: Formaldehyde, one pint to forty gallons of water, is the general disinfectant used in Oregon. The potatoes are soaked whole in this solution for two hours. Any containers, such as sacks, boxes or baskets into which the potatoes are to be transferred after treatment should be carefully sprinkled with the disinfectant so as to prevent reinfection.

Other articles will follow discussing summer spraying for diseases and insects. Call the attention of this office to any troubles you are having. Always be on the lookout for the potato scab, potato tuber moth and the potato beetle and report their presence if found.

On January 20 the state board of horticulture passed a quarantine measure against California potatoes because of the potato tuber moth found in that state. Any potatoes brought into this state from California must go to Portland for inspection and if any tuber moth is found the whole shipment is returned. This, indeed, is an excellent precautionary measure.

FORTIFICATION PLANS FOUND ON GERMANS

NEW YORK, March 1.—Plans of United States fortifications have been found in the possession of Richard Von Arnd and Rudolph Von Kraecht, two young Germans arrested here on a charge of using the mails in a scheme to swindle, according to a statement made today by Assistant United States District Attorney E. W. McDonald.

Von Arnd and Von Kraecht, who claim, according to the federal authorities, to be German army lieutenants, were arraigned before a United States commissioner here.

Lime Starvation Causes Tuberculosis

The Medical Record (New York) of December 15, 1909, contains an article on "The Treatment of Pulmonary Tuberculosis Based on the Assumption That the Dietetic Cause of the Disease is Lime Starvation," by Dr. John F. Russell, who says "The condition which is recognized as preceding the active development of tuberculosis in the adult may be considered as due to lime starvation."

Among inorganic substances lime salts appear to be of special physiological importance. But if the salts are not in organic combination it is difficult to suppose that the cells can appropriate them for food.

BILLARD SETTLES NEW HAVEN SUIT, PAYS \$1,250,000

NEW YORK, March 1.—The suit brought by the present administration of the New York, New Haven & Hartford railroad to recover from John L. Billard of Meriden, Conn., profits alleged to have been due the New Haven in the deal in which the New Haven purchased shares of Boston & Maine stock seven years ago has been settled, it was announced at the New Haven offices today. Billard has paid the New Haven \$1,250,000, it was stated.

Among other defendants in the Billard suit who share the payment of the settlement money were Charles S. Mellen, former president, and Edward D. Robbins, former general counsel of the New Haven.

Mr. Billard, a coal dealer, purchased from the New Haven in 1908 during the administration of Mr. Mellen, 119,000 shares of Boston & Maine stock at \$125 and sold it back a year later at \$150. It was alleged that Billard was acting in the interests of the New Haven and that the deal was a fictitious transaction. The New Haven at that time was forbidden by the Massachusetts laws to own the Boston & Maine and it was charged that Billard assumed title to the stock to enable the New Haven to inform the Massachusetts authorities that they did not own control of the Boston & Maine.

EXPOSITION AWARDS NOT YET DISTRIBUTED

At the suggestion of several local fruitgrowers who won awards on their exhibits at the San Francisco exposition, Ben Sheldon wrote the jury of awards concerning the medals to be awarded, and received the following letter in reply: Benjamin C. Sheldon, Medford, Oregon.

My Dear Sir: I have received your letter of February 26. I think you must have misunderstood the reply made to you at the time you applied at my office concerning the date at which awards would be distributed. It was intended to convey to you that the distribution of awards would be in January, but as a matter of fact, the awards in the department of horticulture, which department comes very nearly at the end of our classification list, cannot be prepared and distributed for some months. These awards will be forwarded to you in due time.

Very truly yours, A. H. PEMBRICH, Secretary of the International Award System.

ASK \$40,000 FOR HAWAIIAN DEFENSES

WASHINGTON, March 1.—The war department asked congress today to appropriate \$40,000 for land defenses in Hawaii, including the installation of searchlights and the acquisition of rights of way, characterized as imperatively necessary.

GOLDEN SPOON BABIES; THEY NEVER NEED TO WORRY ABOUT THE FUTURE



Baby week! A week for babies; but more particularly for those babies who were not born with silver spoons in their mouths. Here are some silver spoon babies, or golden spoon would be more appropriate for a few of them—infants born to wealth or prominence, kiddies who need never worry about daddy's having money enough to buy them shoes.

AGER SEEKING SUPERINTENDENCY

TALENT, Feb. 28.—Ex-Rural School Supervisor G. W. Ager, now superintendent of the Talent schools, in asking for nomination on the republican ticket for the office of county school superintendent of Jackson county, advocates:

- 1. Economy in the superintendent's office. 2. Supervision by the superintendent. 3. Education for efficiency.

Mr. Ager received his early education in Minnesota, where he was employed as principal of a town school for six years before resigning in order that he might cast his lot in the far west. The first fifteen years of his life were spent on the farm, and being of poor parentage, much of his life has been a struggle for educational advancement. He has always maintained a progressive attitude toward the teaching profession, however, and in order to keep abreast of the times and familiarize himself with the western school systems, he has taken special courses in school administration, rural and city school supervision, and many other educational subjects during four different sessions in the University of Oregon and in the University of California. Professor Ager, who has been in educational work in this county for the past eight years, was for two

years rural school supervisor in eastern and southern Jackson county. He resigned the position to go back into the Talent schools, where he had formerly taught for two and one-half years, and at a salary of \$55 a month over that which he had previously received in the same school. Mr. Ager is still superintendent of the Talent schools, where he has been unanimously elected to the same position for another year, but seeks a position for which he has made special preparation and to which he has long aspired.

REDDY VICTIM OF ALLEN'S FINANCING

In the case of Farmers' & Fruit-growers' bank vs. Dr. and Mrs. J. P. Reddy in the circuit court at Jacksonville, the jury rendered a verdict yesterday afternoon in favor of the plaintiff for \$7210.17. The only question before the jury involved the credit of \$800 on the note on account of bonds deposited as collateral. The result was given.

DAY IN CONGRESS

WASHINGTON, March 1.—Senate: Attempt to reach an agreement to fix a time for a vote on Shields water power bill failed. Public lands committee voted not to offer Myers water power bill as an amendment to the Shields bill. Grand jury continued. Sinal investigation continued by agricultural committee. House: Considered claims on house calendar. Foreign affairs committee considered action on resolutions warlike Americans against travel on armed merchantmen of belligerents. National defense program considered by naval and military committees. Philippine independence bill as passed by senate ordered reported to insular affairs committee.

MEN SHOOT IN AIR LIKE ROCKS FROM VOLCANO

PARIS, March 1.—"We were in a front trench on the slope of Cote du Poivre," said a wounded sapper who has returned to a hospital.

"The captain sent me forward to a small shelter in the open, where the electric contact had been placed which led to a mine in a field. I crawled to it along a narrow tunnel without a mishap.

"Through a slit I looked out on the battlefield as through the opening in a theater curtain. I saw the Germans after long waiting march forward in good order. They thought from their observation that the bombardment had sufficiently devastated our trenches, but they were unable to see that our men had held firm and were making fresh trenches and using shell craters.

"The Germans were 200 yards from my post when our rifles and machine guns opened fire. They were taken by surprise and crouched down. When the order was passed along their line to advance they began to sing 'The Watch on the Rhine,' and dashed forward.

"My heart beat madly. They were over the mine at last. I touched the button. An infernal fountain seemed to shoot up in the midst of the mass of men in gray with a majestic whirling of smoke. I saw men go up bodily as if from the crater of a volcano.

"The attack was stopped. I crawled back to my trench. I barely emerged from the tunnel when I felt a burning sensation on my shoulder and fainted. When I recovered consciousness I found myself in an ambulance."

MRS. MAY'S LETTER TO WOMEN

More Proof that Lydia E. Pinkham's Vegetable Compound Relieves Suffering.

Chicago, Ill.—"I suffered from a bad case of female illia. Lydia E. Pinkham's Vegetable Compound was recommended and I took about six bottles. It fixed me up all right. The common symptoms of such a condition—pain when walking, irritation, bearing-down pains and backache, nervousness and disordered digestion—soon passed away. I took much better now than I did before, and I recommend the Compound every time for female troubles, as it did for me all it is claimed to do. You have my permission to publish this letter." Mrs. J. MAY, 3548 S. Lincoln St., Chicago, Ill.

If you have any of the symptoms mentioned in Mrs. May's letter, remember what Lydia E. Pinkham's Vegetable Compound did for her, and try it yourself. It is a good old-fashioned medicine, made from roots and herbs, and it has helped countless numbers of women. If you need special advice, write to Lydia E. Pinkham Medicine Co. (confidential), Lynn, Mass. Your letter will be opened, read and answered by a woman, and held in strict confidence.

TIME CARD INTEGRAN AUTO CAR CO. Leave Medford daily except Sunday for Ashland, Talent and Phoenix at 8 a. m., 11:50 a. m., 1:15, 2:30, 3:45 and 5:15 p. m. Also on Saturday at 11:15 p. m. Sundays leave at 10 a. m., 4 p. m. and 9:30 p. m. Leave Ashland for Medford daily except Sunday at 9 a. m., 12:50, 2:30, 3:30, 4:45 and 6:15 p. m. Sunday leave Ashland at 9 a. m., 1:00, 5:00 and 10:20 p. m.

CHIC HATS We have all the latest charming styles and shapes and you may choose with perfect confidence in their correctness. Prices reasonable. Miss Lounsbury Milliner M. & M. Dept. Store

Advertisement for Danderine hair cream, featuring an illustration of a woman and text describing its benefits for dandruff and hair growth.

Advertisement for Kensington Hotel, located at the corner of Grant and Jones Sts. in San Francisco, listing amenities like 140 sunny outside rooms and rates.

Advertisement for 'Photo Plays Par Excellence' featuring 'The Best Program Yet' and 'An Epoch Making Program'.

Advertisement for '2 Shows in 10 Big Reels' at the Star Theatre, with admission prices for adults and children.

Advertisement for the Star Theatre, featuring the slogan 'WHERE THE CROWDS GO'.

Special notice regarding ticket sales for the 'Inspiration' show, stating that no tickets will be sold after 3 p. m. on the day of the show.

Advertisement for 'Photo Plays Superb' featuring 'First Run' and 'For the Ladies and Children' special offerings.

INSPIRATION TODAY AND TOMORROW

The Biggest Show Ever Offered the Medford Public for the Money. Edwin Thanhouser Presents Audrey Munson, the Most Famous Art Model in the World

In the beautiful master picture, "Inspiration." Nothing like it was ever shown in Medford before. Miss Audrey Munson was selected from hundreds of beautiful women to pose for the official statuery of the Panama Exposition. The central figure on the Maine monument in Central Park, New York, and many other famous sculptures.

A series of small promotional graphics for the 'Inspiration' show, including 'Your fondest dreams', 'You are personally invited', and 'Come to night'.