

PEACH LEAF CURL DISEASE OF BUDS

Spraying in Winter Advised by College Experts.

SPORES SURVIVE COLD

Agricultural School Bulletin Says Control After Growth Starts in Spring Is Impossible.

Peach trees should be sprayed for control of the peach leaf curl disease which lives on the bark of the tree. These spores gain entrance to the buds when growth starts in spring. From then on until the following fall control of the disease is beyond reach of spray material.

The disease can be easily recognized. It attacks all parts of the tree, twigs, leaves, flowers and fruit. Leaves attacked by it thicken, curl up, turn brown and fall from the tree. Many of the trees are practically defoliated in midsummer with a consequent loss of vitality, which not only injures the crop on the tree, but by interfering with fruit bearing may curtail the crop of the following year.

The loganberry crown borer cannot be controlled by sprays, but hand methods have been found satisfactory. When the canes are being put out watch for the wilted or girdled ones. Where found, scrape firmly and give the cane a twist and a pull, which will sever it at the girdle. Often the borer will be revealed in the end of the severed cane. If not, a short, heavy wire inserted into the tunnel of the girdler will destroy the borer. When setting out new plants a close watch should be made for wilted canes and the real frass around the crown in order that no infested plants may be put in.

Stockmen in several counties are contemplating the formation of local associations to obtain credit through the war finance corporation, according to H. A. Lindgren, livestock field man of the extension service. Although western farmers and stockmen have started late in the season, it is still time to obtain some of this 6 per cent money. It is hoped that this credit will give needed financial aid to the producers and thus relieve the banks of any additional burden.

In selecting squash and pumpkins for seed one should choose specimens that are thoroughly mature so that the pulp is shriveled and the seeds dry. Choose a type that shows the true character of the variety. There is a great difference in the amount of meat in squashes, largely determined by the strain of seed and previous selections. Poorly shaped specimens with small seeds are usually large seed cavities, thin flesh and an unattractive color.

Cattle should not be allowed to run on pastures or farm lands during the winter when the ground is soaked with water. They get but very little food and seriously injure the structure of the soil.

CLARKE NUTS PROFITABLE

MAYETT IS DECLARED TO BE BEST QUALITY WALNUT.

John Morris Hoff, Who Has Farm at Sara, Says Chemical Bleaching Is Harmful.

RIDGEFIELD, Wash., Nov. 20.—(Special.)—The Englewood variety of walnuts is one that successfully and profitably grown in Clarke county was the statement made by John Morris Hoff, who has a large farm at Sara, seven miles south of Ridgefield, for the last 17 years. He has a fine crop of this variety of walnuts in this line in southwestern Washington.

The Mayett and Franquet varieties of walnuts are particularly well and yields are prolific. It is said that the Mayett is of the best quality and more suitable and better all around than the Franquet, which, however, commercially is ahead of the Mayett because it is bigger and a heavy yielder.

Mr. Hoff does not believe in the chemical bleaching of walnuts, as he says it cannot help but penetrate the shell, affecting the meat to a certain extent. He bleaches the nuts in the sun and wind with much better results. He has a grove of about 100 trees, 13 years old of both varieties, on his ranch at Sara, and from each of these trees of the Franquet variety harvested 100 pounds of excellent nuts. In all his crop amounted to more than three tons.

Mr. Hoff said that this year the crop was somewhat light.

FARMERS' INSTITUTE SUCCESS

Keen Interest Manifested in Event at Cottage Grove.

COTTAGE GROVE, Or., Nov. 20.—(Special.)—The programme of the farmers' institute, which has just closed here, was the strongest ever presented here and the attendance was larger than ever before. The institute was promoted by Professor E. J. Edwards, of the Smith-Hughes agricultural department of the high school, with the co-operation of a chamber of commerce, the grange, the county agent's office and the county superintendent.

To the surprise of many, as great interest was shown in small fruits and berries as in chickens, for which this season has come famous. Students of the high school participated in a stock judging contest and milk test. The chamber of commerce gave a community luncheon, at which the outside speakers were guests.

Speakers at the institute were E. E. Elliott, state director and supervisor of agriculture under the Smith-Hughes act; Professor A. G. Lunn, Professor H. A. Lindgren, Professors Brewster and Schuster, Miss Marjorie Smith and Professor C. Russell, all of Oregon Agricultural college; county agent Whitney and J. G. Swan, assistant county superintendent of schools.

Phone your want ads to The Oregonian, Main 7070. Automatic 860-95.

Moving Picture News

TODAY'S FILM FEATURES.

Columbia—Betty Compton, "Ladies Must Live." Rivoli—"The Son of Wallingford." Peoples—Nasimova, "Camille." Majestic—Miss du Pont, "The Rage of Paris." Liberty—Pauline Starke, "Wife Against Wife." Star—"The Affairs of Anatol." Hippodrome—Bert Lytell, "A Trip to Paradise." Circle—"To Please One Woman."

STORY that shifts from America to Paris and then to Arabia is "The Rage of Paris," starring Miss du Pont at the Majestic theater. Miss du Pont, who is billed as "America's most beautiful blonde," is a screen star, who has kept her first name carefully concealed from film fans and so has maintained a certain air of mystery.

In this picture she has an emotional role of the type she seems to prefer in which she can use her large eyes to good advantage. She can look sorrowful and dejected with ease and she has plenty of opportunity in this picture to be sad.

"The Rage of Paris" is the story of Joan Koolidge, who heads her mother's wishes and gives up her sweetheart, Gordon Talbot, for Mortimer Handly, who has plenty of money and nothing else. Talbot is a young civil engineer and comparatively poor. When he leaves for Arabia she follows him into the desert in an automobile, which is decidedly not a picturesque mode of travel across the well-known shifting sands.

The automobile, it is discovered soon, is a necessary adjunct to the plot, for when Talbot tells Joan that he really loves her, she hastens back to civilization, via the auto, to get a divorce. There is a sand storm, the auto is stalled and Joan's husband suddenly appears on the scene riding

OREGON PRODUCTS BEST

CONCENTRATION ON MOST LUCRATIVE CROPS URGED.

Cottage Grove Residents See Advantage in California Plan of Growing and Marketing.

COTTAGE GROVE, Or., Nov. 20.—(Special.)—That there are certain kinds of farm products which Oregon can produce in quantity greater and quality superior to that of the same product of other sections, and that farmers should devote their energies to the production of these crops and desist from keen competition in those products which can be raised cheaper in other states, is the conclusion of a resident of Cottage Grove, who has spent a large part of his life designing a living out of his soil and who has just returned from a visit in California firmly convinced that he knows why he did not do any better from the products of his land.

This resident finds that the prunes, berries, cherries, apples and peaches raised here are superior to the California product and that climatic conditions are such that they can be raised here more profitably. He believes that California sections which take as high as six crops of alfalfa a year, without reseeded for as long as 15 years, have a distinct "edge" on Oregon in making a profit from dairy products, even though the product may not be superior.

LINN TO SHIP MORE CATTLE

Eastern Washington and Oregon Buy Large Numbers.

ALBANY, Or., Nov. 20.—(Special.)—When a carload of Linn county dairy cattle now being assembled is shipped out of Albany Tuesday en route to Crook county it will be the 15th car of cattle sent out of Linn county to eastern Oregon or eastern Washington since September 1. Linn county has established a reputation for producing good cattle. There is a great surplus of hay in eastern Oregon and cattle are obtained to utilize it.

Four carloads of Linn county cattle have been shipped to eastern Washington in the last few weeks. The car which will be sent forward from Albany Tuesday will be the eleventh sent from Linn county to eastern Oregon counties this fall. Crook county has received a large proportion of the Linn county shipments.

STRAW IS TESTED FOR FEEDS

Value as Ensilage to Be Determined by College Experiments.

When a straw stack burns how much stock food goes up in smoke? This question is expected to be answered through an experiment by Harry A. Schoth, scientific assistant, United States department of agriculture, at the Oregon Agricultural college experimental station. Straw as an silage may not prove of commercial value but Mr. Schoth believes the surest way of knowing is to see for himself.

ONE-CENT SALE

ALL P.Y.-RA-LIN IVORY SOLD TWO PIECE FOR THE PRICE OF ONE.

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STOUT-LYONS DRUG CO., Third and Morrison, Washington Near Fifth.

GARDENERS TO MEET AT FOREST GROVE

Horticultural Gathering From December 1 to 3.

BIG PREPARATIONS MADE

Several Hundred Fruit and Vegetable Men Expected; Reception to Be Friday Evening.

With a strong programme dealing with topics of interest to vegetable and fruit growers, the 34th annual convention of the Oregon State Horticultural society will be held in Forest Grove December 1-3, inclusive. Elaborate preparations are being made for the entertainment of several hundred growers from all parts of the state when the gathering is called to order. The Forest Grove Commercial club is arranging for a reception for delegates to the convention on Friday evening, December 2.

Two Charter Members Living. Of the original charter members of the society there are only two known members living—Colonel Henry E. Bosc and Colonel Henry E. Dorsch, both are expected to be present.

The convention will open Thursday morning, December 1, at 10 A. M. with an address of welcome by Mayor Schultz of Forest Grove.

Officers of the society are Earl Percy, Forest Grove, president; Albert Brownell, Portland, vice-president; C. D. Minton, Portland; secretary; and Senator McNary, F. B. Pilkington and Colonel Henry E. Dorsch, directors.

The complete programme of the convention follows: Thursday Morning. Opening, 10 A. M.—President Percy presiding. Greetings of welcome—Mayor Schultz. Greetings from the State Board of Horticulture—Colonel H. E. Dorsch. Response—H. C. Atwell. Minutes of annual meeting—C. D. Minton, secretary.

President's annual address—Earl Percy. Report of secretary—C. D. Minton. "Modern Practices in Gardening as I Saw Them in the Middle West and East"—Elmo Chase of Chase & Sons, Eugene, Or. and seed canary grass. All of these products are of minor importance to the crop proper and almost all of them are discarded entirely. If the Gilbert Parker, Victor Fleming directed the picture and Theodore Kosloff and Mahlon Hamilton played the principal male roles.

Rupert Hughes is directing his own story, "Remembrance." The cast includes Claude Gilchrist, Kate Lester Patsy, Ruth Miller, Cullen Landis, Nell Craig, Dana Todd, Richard Tucker, Esther Zelman, Arthur Trimble and Lucille Dickson.

Agnes Ayres has finished "The Lone That Had No Turning," by Sir Gilbert Parker. Victor Fleming directed the picture and Theodore Kosloff and Mahlon Hamilton played the principal male roles.

Dorothy Dalton has returned from San Francisco, having finished the location scenes for her feature picture, "The Queen of Sheba," which will be the opening attraction soon of John Hamrick's new Blue Mouse theater at Eleventh and Washington, is well known on the legitimate stage as a Shakespearean actor. Mr. Leiber is said to be usually effective as a wise king of the ancient days. He is co-starring in this production with Miss Swanson's feature picture, "The Husband's Trick."

Fritz Leiber, who will appear in the role of King Solomon in William Fox's big special, "The Queen of Sheba," which will be the opening attraction soon of John Hamrick's new Blue Mouse theater at Eleventh and Washington, is well known on the legitimate stage as a Shakespearean actor. Mr. Leiber is said to be usually effective as a wise king of the ancient days. He is co-starring in this production with Miss Swanson's feature picture, "The Husband's Trick."

Call to order 1:30 P. M.—Earl Percy president. "Nut Culture"—C. A. Reid, nut specialist, United States department of agriculture. "Important Problems, Both Present and Future, in the Horticulture of Oregon"—Professor W. S. Brown, chief in horticulture, Oregon Agricultural college and experiment station.

"Why One Plant Quarantine is Necessary"—Charles H. Emory, advertising expert, horticulture, Oregon Agricultural college. "Diagnosis of the Loganberry"—Dr. Zeller, associate pathologist, Oregon Agricultural experiment station. Election of officers.

Call to order 9:30 A. M.—Earl Percy president. "European Apple Canker and Heart Rot in Our Orchards"—Dr. M. Zeller, associate pathologist, Oregon Agricultural college experiment station. "Fighting Sour Cherries"—Frank Brown, Dallas, Or.

"The Relative Importance of the Small Fruit Industry in Oregon"—L. P. Wilcox, assistant department horticulture, Oregon Agricultural college. "Ohio Red Rome"—A. Promising Apple for Oregon, Professor Henry Hartman, chief in horticulture, Oregon Agricultural college.

Call to order 1:30 P. M.—Earl Percy, president. "Dwarfing Apples in the Willamette Valley"—E. H. Shope, President and General Manager, Apple Orchard company, Monroe, Or. "Factors Which Will Determine the Future of the Fruit-Growing State"—C. L. Lewis, assistant manager Oregon Growers' Co-operative association, Salem, Ore.

"Marketing the Dried Prune"—H. E. Newman, Yonkers, Wash. Adjournment.

DWARF ESSEX RAPE IS GOOD

Crop Declared Easily Produced in Oregon and Profitable.

Dwarf Essex rape is easily produced in Oregon and as a seed crop it should be profitable, is the opinion of H. A. Schoth, forage specialist at the college experiment station.

"Large quantities of seed must be imported every season as the plant is increasing in popularity as a valuable forage source. This crop occupies the ground two seasons. It can be pastured without injury the first year, which allows for the use of the land. Being a biennial it does not form seed until the second season.

"Harvesting should begin as soon as the lower pods start to ripen. If delayed after this time there is danger of loss of seed from shattering. It can be harvested and threshed with the equipment used for clover. On the station farm we have produced from 700 to 1000 pounds per acre. "Europe has been the main source of seed supply but we can raise just as good seed right here."

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40 Boys Earn \$1874.34. (Special.)—Forty boys of the county made a profit of \$1874.34 last season through their dairy, poultry, potato, bee and gardening clubs. Their outlay for stock and seeds was \$1847.35 and their gross receipts amounted to \$1871.69. Grays Harbor county dispensed with its boys' and girls' club leader three months ago and as a consequence the number reporting is smaller this year. The girls will make a separate report on their canning and sewing activities.

Girl Wins Speed Contest. Miss Millicent Woodward, a young English woman, has won the international speed typewriting championship in Paris by writing 3294 characters in five minutes on a machine with a blank keyboard. For her performance she received a prize of 1000 francs.

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GRAND AVENUE EAST 123 AT YAMHILL AT YOUR BECK AND CALL

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Ravenswood, W. Va.—"For seven long years I suffered from a female trouble and in a moment of despair I read in a paper about Lydia E. Pinkham's Vegetable Compound, so I decided to try it, and before the first bottle was gone I found great relief so I continued using it until I had taken eight bottles. Now I am very well and can do my own housework. I can gladly recommend Lydia E. Pinkham's medicine to suffering women."—Mrs. BERTHA LIERING, R. F. D., Ravenswood, W. Va.

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