

The Beginning of an Apple Orchard," by Professor Cole, a member chara, by Professor cole, a minist of the faculty of the State Agricul-tural College at Corvalit. The lec-ture was given under the auspices of the schemational department of the association, directed by Robert C. association, directed by Robert C. French, Arrangements have been made for a series of these lectures, which will continue weekly throughout the Winter. In these discussions every phase of the apple-producing business. including the harvesting and market ing of the crop, will be discussed h men experienced in this industry.

A. Lecture.

Hall Is Overtaxed.

The attendance at last night's lecture was a surprise to the management of the association, which had not provided ade-guate seating capacity. The andience in-cluded men and women, who already had planted or bought apple orchards and others who contemplated going into the anniegrowing husiness and were destrous others who contemplated going into the applegrowing business and were desirous of obtaining reliable and expert knowl-edge as to how to make a beginning prop-erty. Following the lecture, the inter-ested members of the audience asked scores of questions which were answered by Professor Cole, all of which revealed a desire on the part of the inquirers to adopt only the most approved methods of planting, cultivating, pruning, spraying, picking and marketing the crop.

Care Main Essential.

'As in business, success in apple-grow ing and attaining satisfactory results de-pends on getting started right," said Pro-feasor Cole. "More failures in orchard-ing may be attributed to lack of care in selecting a location for an orchard and the trees to be planted than to all other causes combined. The first thing to be considered in planting an apple orchard is the selection of a locality with the right kind of soil which is adapted to right kind of soil which is adapted to apple srowing. Climatic conditions should first be studied and that location selected for the orchard which will insure sun-shine for coloring the fruit as well as the proper amount of molsture for de-veloping its flavor. Localities subject to late Spring and early Fall french should late Spring and early Fall frosts should not be selected. Extreme lowiand should be avoided for that reason. An orchard preferably should be located at an eletation of not less than 100 to 300 feet and on the northeast slope of a hill for pro-tection from our southwest winds.

Close Transportation Counts.

"For the orchardist to get the best results, his orchard should not be lo-cated more than six miles from the railroad or other transportation agency for the double reason that to haul his product a greater distance lessens its market value and hecause the better the transportation facilities the more easily it is for him to market his

Professor Cole pointed out that a water supply, air and water drainage and the condition of the soll are other essentials to successful orcharding. The soll said the lecturer, should be Former Owner Also Made \$13,000 in Two Years-Building Will Be Improved and Made Higher. The option on the Burkhard block. which has been traded in frequently recently, was purchased yesterday by Vol-

ney D. Williamson, a New York million aire, who will go ahead with extensiv improvements. The option was taken on the basis of a valuation of \$170,000 for the half block, Mr. Williamson paying Napoleon Davis, holder of the option, \$45,-000 for the option to buy. The property is still owned by Joseph Burkhard, of Los

NEW YORK MAN GETS BOND ON

BURKHARD BUILDING.

is still owned by Joseph Burkhard, of Los Angeles and the option calls for the pay-ment of \$125,000 additional. Mr. Williamson has not only bought the option, but will take it up as soon as he returns from Spokane, where he has gone on a short business trip. The option calls for the payment of \$150 a month interest on the \$125,000 deferred payment for the life of the option, which still has two years to run. The option has been out-standing now for three years, but it may be taken up, under the terms, at any be taken up, under the terms, at any time during its life by the payment of \$125,000 and the monthly interest of \$550 will then stop. This it is which induces Mr. Williamson to stop the option now and take over the property at once

Option Often Traded.

This option has been traded in much recently. Eleven days ago Napoleon Davis bought the option from Arata Bres. for \$20,000, and has now sold it for \$45,000, or a profit of 125 per cent. Mr. Arata also made a profit of \$15,000 in two years by trading on the outfor Arata also made a pront of sizes in the years by trading on the option. Mr. Williamson will improve the prop-erty at once. Yesterday he had an archi-tect, Richard Martin, Jr., suggest en-largements and improvements costing \$6,000. The addition of two stories is in-

The property has a frontage of 200 feet, on the north side of East Burnside street and 100 feet on both Union and Grand avenues. It is a three-story building, oc-cupied on the ground floor by 11 stores, suppled on the ground hoor by it stores, which pay a good rental, and on the upper two floors by the Savoy Hotel. There are leases on some of the stores, none of which, however, extends further than the life of the original option, two years more. The option was first given for a model of the variant bars years are. eriod of five years, three years ago.

Equitable Division Suggested. "A halt, therefore, has been valled until we can work out a system whereby all sections of the city may be treated equally. It is not right for one street to have all, or nearly all, the lights, while other streets, with as many or more peo-ple living on them, have few or none. Such is the condition now prevailing in many places, and this must be reatranged before any new lamps are ordered." There are about 1760 arc lamps in use in Portland, the current being supplied on contract by the Portland Railway, Light & Power Company. A large pro-portion of these lamps are of the actual type, or overhead wire style, and cost the city \$8 n year each. There are some attached to the under-ground system, costing \$75 a year each.

There are some attached to the under-ground system, costing \$13 a year cach. The incandescent lamps, with which the public hulldings are equipped, are lighted at a meter rate, aggregating a trivial way only.

Equitable Division Suggested.

sum only. Arcs Cause Complication.

It is the arc lamp, therefore, that has created the present serious situation. These cost much in the aggregate, and it is estimated that, with the city properly lighted it would require at least \$250,000 a year at this time, and more as the limits are extended. Applications are coming in at the rate of about #0 a week, from all parts of the city expectally the outlying sections.

of about so a week, from an parts of the city, especially the outlying sections, where wire extensions are highly expen-sive. The only solution to the problem, it is said by the officials, is a rearrange-ment of the whole system, so that the lamps now in service shall be equitably distributed, and then to add new ones as rapidly as the funds will permit.

EXHIBIT GOING TO OMAHA

Central Oregon Products to Demonstrate Necessity of Railroad.

Exhibits sent from Central Oregon to the Dry Farming Congress at Billings. Mont., where they received many prizes, are to be forwarded to Omaha, where they will be placed on exhibition at the National Corn Exhibition, to be held De-cember 6 to 15. At the close of this Ex-position the exhibit will be sent to St. Paul, where it will become a part of the permanent exhibit on the data of the



JACKSON DAY PLANS MADE

Democrats Appoint Committee to Arrange Banquet on January 8.

Under the auspices of the Democratic County Central Committee and other allied Democratic organizations and in dividual members of the party in this city and county, a banquet will be held in Watson's restaurant on the night of January S. next, in commemoration of Jackson Day. The details are being arranged by committees which have been appointed.

The hanquet is intended to give the members of the minority party an op-portunity to discuss and outline a plan of political action for the campaign of 1910

Orpheum Cuts Matinee Prices.

Manager Errickson, of the Orpheum announced last night that, beginning today, the popular Morrison-street vaudeville house will give special priced Sunday matinees. The new prices will be the same scale that is charged for the week-day matinees. Heretofore the prices charged for the afternoon per-formances on Sunday have hear the formances on Sunday have been the some as those charged at night.

Postoffice Robbery Charged. John Jacobson was indicted by the Federal grand jury yesterday on a charge of having broken into a post-office building at Elk City March 31 of this year. In the case of Vito Tunzi, charge of having broken into a post-office building at Eik City March 31 of this year. In the case of Vito Tunzi, charged with aiding in having the postoffice at Merlin, Or, entered for

NONE GENUINE WITHOUT THE LABEL,

cognizant of it

Appreciation Doubles

Is Learned.

If you want to know what

Smartly Dressed Men

are wearing

the purpose of robbing it, the grand jury returned not a true bill.

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WHY NOT GOOD TEETH

If you are going through life with boot teeth or with a makesnift for good eeth in the shape of a partial plate or orturesome bridgework, it's high time

bein in some bridgework, it's night or you to reform. Why do you spoil your looks and tealth with poor teeth or no teeth? what's the sense in wasting any more lime on the "artificial" when we can give you a full set of sound. strong, beautiful, useful teeth, that will be as satisfactory as nature's teeth, and with-out asking you to fill up your mouth with a big piece of rubber or metal in with a big piece of rubber or metal in acking you to fill up your mouth habig piece of rubber or metal in shape of a plate? Why will you up will unsatisfactory dental work, n in everything else you demand en in everything else you demand best? This is straight-from-the-shoulder k, and we want answers to the dues-mails you will favor us. We have a ht to ask the questions we do, for have helped thousands of people o were suffering from old-fashioned thetry and are proud of our success, i want to help tens of thousands

"Baltimore Schloss Bros. & CO. New York= resolutions on the death of Peter Tay of its veteran members. I not the association was taken by the association hear Thursday night.



NONE GENUINE WITHOUT THE LABEL.

not less than four feet deep, providing not less than four feel deep, providing a good bed in which to grow roots. As to the preparation of land for an or-chard, Professor Cole said the tract should be theroughly worked at least one year, preferably for two seasons, by growing some highly cultivated crop so that it would be in the best possible condition for receiving trees. This con-dition be emphasized, was of the greatcondition for receiving frees. This con-dition, he emphasized, was of the great-est importance for the reason that the first year's growth of a fruit tree had everything to do both with the life of the tree and its productiveness.

Two Varieties Enough.

"As to the variety to be planied." continued Professor Cole, "set out only that variety or varieties that are best sutted to the locality in which your of-chard is situated. That can be deterchard is situated. That can be deter-mined from your own observation. Don't get too many 'varieties. Two varieties are enough for any ten acre orchard. To haure thorough pelfenization. I would suggest the planting of Spitzenberg and Newtowns, alternating with four rows of each for the entire length of the or-chard.

'in setting out a commercial orchard, glant only 1-year-old budded trees. In doing so you will have a 3-year-old root wretem of sufficient strength to bring evetem of sufficient strength the tree out. Do not plant gra I have no recommendation to make as to the e-tring out of irees, whether the square, hexagoral or triangular plan b followed. Trees should be planted 55 feet apart, leaving room for the spraying ampeliine to pass between the rows.

Fail Planting Best.

"Where the climate is not 100 se-vare, i would advise photing trees in the Fall, for the reason that frees so planted get the advantage of an additional growth they do not get in the Spring and as a result, through this root growth, begin to establish themselves in the soil. An orchard should be cultivated every 10 days. For the first few years, after an or-chard has been set out and until the trees attain their growth and hegin to produce, strawberrics, pointies of other vegetables may be grown be-tween the rows of trees. But do not new wheat or grass in a young orchard.

Bought as Investment.

Mr. Williamson is not a speculartor but an investor in real estate. He has not bought the option to trade in it, but to improve the building and hold it as in-He owns a large

come-bearing property. He owns a large amount of real estate in Spokane and has improved his property there with a high class of buildings. He says Portland values seem to be far below the market and declares this is but the start of a and declares this is but the state of a series of investments here, and that his next purchase will be on the West Side. He believes there will soon be a docided increase in the property values south of East Burnside street in Central East

rough pollaulmation. I would planting of Spitzenberg and alternating with four rows r the entire length of the or-ug out a commercial orchard. 1-year-old budded trees. In a will have a 3-year-old rout sufficient strength to bring t. Do not plant grafted trees. recommendation to make as

PIANO BARGAINS.

See Reed-French's plane annou in tomorrow morning's paper. SAVED

From excruciating pain and extended liness by the timely use of that great discovery. Salgrene. Take one bottle Salgrene, add four ounces pure olive oil, stake the bottle well and follow the directions explicitly and your then gout or neuralgia will soon dis Sold by all first-class drugmatiam

See Land Agent of Portland Ry. Lt. A P. Company, at First and Alder.

A Chance to Make Money.

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ment exhibit of the Great Northern Railway. This exhibit won fame for Central Ore

gon at the Dry Farming Congress, was to have received the first prize. was to have received the first prize, had not the Colorado representatives protest-ed on the grounds that their exhibit cov-ered a much greater variety and de-manded the prize, which was then re-voked from Oregon, and awarded them. W. P. Kennedy, traffle manager of the Great Northern, when in Portland re-cently quoted James J. Hill as having said, regarding this exhibit from Central Oregon:

"Any country that can grow things like that ought to have a railroad."

PERSONAL MENTION.

Mr. and Mrs. E. J. Weils, of Albany, are guests at the Seward Hotel.

R. S. Brandenstein, of Jacksonville, Fla., is a guest at the Hotel Lenox. Irving Ward, Chief of Police at Se-attle, is at the Perkins Hotel. S. J. Sullivan, a business man of De-troit, is registered at the Nortonia Ho-

Lynn B. Ferguson, a druggist of Newberg, is a guest at the Cornelius Hotel

C. N. McArthur, secretary to the Gov-ernor of Oregon, is a guest at the Hotel Oregon Mr. and Mrs. Robert R. Reed, tour-

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sconfort. In many cases where it is impossible replace missing teeth with bridge-ork, it can be done perfectly with matiful lifelike, serviceable Alveolar

12

benutiful lifelike, serviceable Alveolar teeth. The question narrows itself down to whether or not you are satisfied to get along with partial plates or "bridges," or want to begin to enjoy eating. If the latticr—then will you come and let us tell you what we can do for you? You don't need to follow our sugges-tions; neither will you be under any ob-ligations to us of any kind. We simply can't advise you without SEEING your mouth. If you can't COME, then send for our free book. "Alveolar Dentistry." and read it. We will hear from you after you read that book, because it is worth its weight in gold to auyone who has lost or is about to lose teeth. Why not send now, while it's on your mind? In addition to our specialty of Alveo-

nind" In addition to our specialty of Alveo-ar Denitery (Restoring Lost Teeth) md curing Pyorrhea (loose leeth) we re experts in every branch of dental verk, lolays, viz. Forcelain, goid and liver fillings, Crown, Piate Work, cor-ering irregularities, etc., etc. Special-tis in each branch of dentistry at your style. There is no disputing the fact hat the best in Dentistry is the cheap-st. You are carcessing danger when ou boy cheap dental work. Don't do it. THE REX DENTAL CO., DENTISTS SUI to 311 Abington Bidg. 1961g 5d St. Sundays, 10 to 12.

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