



ORIENTAL PALACE AND MANUFACTURERS BUILDING.

The Palace of Oriental Exhibits and Manufacturers Building have a frontage on Cascade Court and Geyser Basin and look across at Foreign Exhibits and Agricultural Palaces; Yukon Avenue separates these magnificent display buildings, and in the back ground the state buildings of Oregon and California are located.

Construction work on these buildings was completed last year and exhibits are being received and placed in position. The Oriental Palace will house the most valuable collection of Far Eastern art that has ever been sent from the Orient, and will present displays from Japan, China, India, Ceylon, Straits Settlements, French Indo China, Borneo, Java and all the eastern countries of Asia.

The Manufacturers building encloses a vast amount of exhibit space and every foot of this has been engaged for display purposes by domestic and foreign manufacturers. The interest manifested in this department of the Alaska-Yukon-Pacific Exposition is world-wide and competitive displays will be general and comprehensive. Exhibits are being daily received and the heavy work of installation is rapidly being accomplished.

BACTERIA NEEDED TO GROW ALFALFA

Bulletin on Crop by Agricultural College—What Is Needed to Develop Good Crops.

The Oregon agricultural college has issued a bulletin upon alfalfa in western Oregon, written by H. D. Scudder of the department of agronomy. In part it reads as follows:

Of all the crops produced upon the farm perhaps no other offers so many attractions and advantages to the farmer as does alfalfa. As an improver of the soil it has few equals and no superiors. As forage for all classes of live stock, whether used as hay, green feed or pasture, it is unexcelled in yield, feed value, palatability, and permanency of growth. To the farmer keeping cows, hogs or poultry, it is of paramount value in that it is practically the only forage crop that will supply green feed continuously through the dry summer months of this region.

In addition to these advantages it is superior to all other crops in quickly improving and maintaining the appearance and selling value of farm lands.

Primary Requirements.

The primary requirements of alfalfa are a deep, well drained, sweet and fertile soil, free from weeds. The lands most nearly meeting these requirements are on the slopes of the rolling lands of the valleys, or the deep, sandy loam river bottoms well above the water level. The ordinary valley low flat lands are not suitable. The deep feeding tap roots upon whose length these plants depend for securing plant food and moisture, make a soil eight to ten feet in depth imperative. Although alfalfa prefers a sandy loam, yet it has proved

HER GRACIOUS MAJESTY, ELIZABETH.

Buckingham Palace.

Dear Lizzy: I take my quill in hand to say a few words on economy. I note the following bargains, which seemeth good to me:

- Home Canned Fruit in glass—
- 60c half gallons for40c
- 30c quarts for20c
- (The glasses are worth 10c and 15c each.)
- 25c Manhattan Egg Food12½c
- Underwood's Sardines in mustard, the big cans15c
- Eagle Silver Plating, an article which when rubbed on worn silver plated ware or brass renews the plate like new, reduced from 25c to 15c, or two bottles for25c
- 25c Juava Jellies reduced to, the glass15c
- Fairbanks' Mascot Soap, 8 bars for25c
- 10c Sampson's Prunes, now two cans for15c
- 30c imported Kipperd Herring, the can19c
- 5c Aero Soap Powder, the package3c

I found these bargains while cruising down towards the bridge in the Mission block at the grocery called

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which it seems to my humble mind as somewhat of an encroachment on your gracious title. However, in truth it seems to be the king of value givers.

Your humble servant to command,

Sir Walter Raleigh

P. S.—Take your purse, as they can only sell so, because they sell for cash.



EXPLOSION OCCURS IN GOLD HILL HOTEL

Thursday afternoon an explosion occurred in the office of the Gold Hill hotel which wrecked the stove, says the News, scattering ashes and soot all over the room and worst of all disturbed landlord Jones in his afternoon siesta. For a while he was "looking the man who sold me that wood" while other of our townpeople were principally interested in finding just which woodpile the explosive material had come from.

The mystery was finally solved by the discovery that some photographic flashlight powder had been gathered up in cleaning up some of the rooms in the house and had been deposited in the stove. There had been more or less fire in the stove and when the proper degree of heat was arrived at there was an explosion that not only raised the cover of the stove but also the hair of those in the immediate vicinity. After this everything that goes into the stove of the Gold Hill hotel will be carefully scrutinized for concealed weapons.

equally prosperous on the heavy clay loam soils, a heavy clay subsoil or hardpan delaying, but not stopping the root growth.

Water Injurious.

Owing to the need of its roots for air, alfalfa especially when young and during the growing season, is easily injured by standing water either above or below ground. Root growth stops at once on striking water saturated soil, hence the water table should not be less than eight to ten feet below the surface of the ground during the growing season. Overflow from streams in winter when the plant is dormant does not cause much injury, even if continued for several weeks.

Of even more importance to the alfalfa plant than a deep and well drained soil, are the bacteria which produce the nodules on the roots, through which the plant is enabled to draw upon the free atmospheric nitrogen, enriching the plant and the soil with this most valuable of all the plant food elements. Conditions unfavorable to the activities of these bacteria cause a corresponding lack of prosperity in the growth of the alfalfa. Like the plant roots, these bacteria require abundance of air in the soil, upon which to feed, and also a neutral or slightly alkaline medium such as is supplied in limestone soils, in which to work.

Need of Bacteria.

Unfortunately, the lack of lime in western Oregon soils, in addition to the prolonged wet season and the prevailing heaviness of the soil, causes long exclusion of the air from the soil and a tendency toward acidity or sourness which is very unfavorable to the alfalfa bacteria. Hence it is perhaps that in a majority of western Oregon soils these bacteria are not present, and must be supplied by artificial inoculation after the harmful acidity has been corrected. This correction is accomplished in naturally well drained soils by application of different forms of lime. Water slaked lime most quickly and directly corrects soil acidity—ground unburned lime more slowly but less expensively—while light annual dressings with land plaster keep it sweet (more or less indirectly) by making the heavy soils more open and friable. The land plaster also assists in making potash compounds for which alfalfa has great need, more available, but to avoid loss through leaching should be used only in small amounts.

Fertilization Needed.

The need of a fertile soil for alfalfa growing, while not generally

recognized, is highly important. Though the plant draws its most important food, nitrogen, from the air, yet it is a heavy feeder upon the other plant foods of the soil. On naturally unfertile soils, or those run down by continued wheat or other improvident farming, it is necessary to supply immediately available plant food, such as well rotted barnyard manure, to carry the young plants through the first two years until their deep feeding roots are established. Such fertilization as barnyard manure or green manure (like rye or vetch plowed under) is best applied to the crop preceding the alfalfa or by preceding it with clover or vetch. Aside from its plant food and moisture retentive value the humus from such fertilization is of great assistance to the alfalfa bacterial activities.

JOHNSON IN BAD WITH LONDON FIGHT CLUB

CHICAGO, April 28.—Jack Johnson is "in bad" with the National Sporting club of London, according to letters received today from A. F. Bettinson, manager of the organization.

Bettinson flatly denies Johnson's statement that he did not sign an agreement to meet Sam Langford in London and encloses a copy of the articles he alleges the negro approved. Johnson's statement that his former manager, Sam Fitzpatrick, might have signed the articles for the fight is also denied. Bettinson declares that Johnson agreed to fight, having suggested it himself, in the presence of Fitzpatrick and that he placed his own signature on the articles.

THREE TRUSTIES ESCAPE AT SALEM

SALEM, Or., April 28.—Three trustees escaped from the convict camp at the feeble minded institute yesterday. One of the escapees was a Multnomah man, Harry Montrose, received in July, 1907, and serving a three-year term for a statutory offense. Another was a Baker county convict, Clarence Welch, received in January of this year, who was serving one year for larceny. The third was from Douglas, Rufus Fish, also serving one year for larceny. He was received in January.

THOUGHTS AND OPINIONS.

(By D. H. Hawkins.)
To be rich is not to be great. Greatness lies in a man's self, and not in his holdings.
Who marries for wealth and so-

cial position had best beware of divorcings.

Who waits for time loses his birthright; who overtakes time bestows an inheritance.

Modern civilization but comprehends the known, as well as the unknown, best qualities of the past.

The correct civilization of the future must organize out of what has been and what is to be.

If there be evil consequence to men sometimes to hitch their thought-strings to major stars.

Look up, not down; see only the mud and remain brute; finger a star and become a god.

In a manner becoming their greatness, do all great men and women admire great things.

Talk about there being nothing in religious verities, Mr. Editor; why, last Sunday evening I saw a woman at the Methodist church whose hat was so large she seemed to belong to it by right of conquest. In the near perspective not only did it hide the pulpit and preacher, but 27 members of the choir as well.

TALENT TALES.

W. R. Coleman, county clerk, was a Talent visitor Saturday and Sunday.

Mr. and Mrs. H. H. Helms were Medford visitors Saturday.

George Pellett and wife, who have been at Imperial in southern California for about a year, returned recently.

Mrs. Fred Rapp and her sister, Miss Ina Outman, were in Medford Saturday.

Miss Mazel Patterson of North Talent was among those who attended the circus at Medford Saturday.

Mr. and Mrs. C. Carey were Talent visitors last Sunday forenoon.

Mrs. Weldon Hartley of North Talent was a Medford visitor last Saturday.

Several of our orchard men say that fruit has been somewhat injured by the recent heavy frost.

Our electric light system is giving entire satisfaction, and there will be several electric pumps installed soon.

Mrs. E. O. Rease, daughter of Mr. and Mrs. C. Carey, and her husband have gone to Oakland, Cal., to reside. Mr. Rease has a good position at a salary of \$100 per month, house and office furnished. Mr. Rease is engaged in selling Richmond property.

Spain buys more than a quarter of its tobacco from the United States.

Read Sir Walter Raleigh's letter to the queen in the Rex ad.

City Business Directory

<p>TIN SHOP Tin and sheet iron ware on hand and made to order. J. A. SMITH 113 North G Street.</p>	<p>THE R. E. V. LUNCH ROOM Finest cup of coffee on the Pacific Coast. H. H. Lorimer—Prop.</p>	<p>SAVOY THEATER North d'Anjou Street. Latest motion pictures and illustrated songs. Entire change of program Monday, Wednesday and Friday. Admission 10 cents.</p>
<p>Let the— MISSION FURNITURE WORKS make that piece of furniture. Any design, any color, any finish—dull, waxed or polished. Shop on cor. of 8th and H streets.</p>	<p>DR. F. G. CARLOW DR. EVA MAINS CARLOW Osteopathic Physicians Mission Block, Phone 291 Medford</p>	<p>BIJOU THEATER, W. 7TH ST. Continuous performance every evening of motion pictures and illustrated ballads. Entire change of program Monday, Wednesday and Friday. Admission 10 cents.</p>
<p>W. M. Colvig. C. L. Reames. COLVIG & REAMES Lawyers. Office: Medford Bank Bldg. Ground floor.</p>	<p>DR. WALTER E. STOKES, Dentist. Successor to Dr. J. M. Keene.</p>	<p>A. C. MUNCH will call for RUBBISH and dispose of same at any time at a reasonable charge. Address Medford Postoffice.</p>
<p>Cook Stoves and ranges. Phone 91 MORDORFF & WOLF New and Second-Hand Furniture Eads' old stand, 18-20 F St. South Medford, Or.</p>	<p>WASCHAU & BROWN wish to announce to their patrons that they are located in their new quarters in the Young & Hall building. Billiards, Cigars and Tobaccos.</p>	<p>EDEN VALLEY NURSERY N. S. Bennett, Medford, Or. Grow trees that sell, sell trees that grow and fruit true to label</p>
<p>MEDFORD CEMENT BRICK & BLOCK Co. will be prepared February 15 to furnish cement brick. Better than pressed brick and just as cheap. In estimate before contracting. P. O. Box 118.</p>	<p>DR. FRANK ROBERTS Dentist Office hours: 8 to 12, 1 to 4. Miles Building, Seventh Street, Medford, Oregon.</p>	<p>VERNE T. CANON Billposter and distributor. All orders promptly filled. Room 7 Jackson Co. Bank Bldg. Medford, Or.</p>
<p>MEDFORD TEA AND COFFEE HOUSE—Specialists in Teas, Coffees, Extracts, Baking Powder and Spices. We carry all kinds of dinner ware and fancy dishes. 216 W. Seventh St. Medford, Or.</p>	<p>For good bargains in Watches and Jewelry, Pistols, Musical Instruments, go to THE MEDFORD LOAN OFFICE C Street.</p>	<p>C. F. COOK Sells trees that grow. Office: R. E. V. Depot. P. O. Box 841. Phone 593. Medford, Or.</p>
<p>DR. GOBLE The only exclusive Optician between Portland and Sacramento. Office on Seventh Street.</p>	<p>MEDFORD FURNITURE CO. Undertakers Day Phone 353 Night Phones—C. W. Conklin 36 J. H. Butler 148</p>	<p>MRS. ED. ANDREWS Voice Culture and Art of Singing Studio at Residence. East Medford. Phone 225</p>
<p>When others fail, call on DR. E. J. BONNER Eye Specialist Office in Eagle Pharmacy Main 233. Seventh and Main</p>	<p>DR. E. J. CONBOY Successor to Dr. Jones. Office in the Stewart Building.</p>	<p>S. R. SEELY, M. D. Physician and Surgeon Modern equipped operating rooms X-Ray. Office hours: 10-12, 2-4 p. m. Office in Jackson Co. Bk. bldg</p>