

SULPHUR AND LIME SPRAYS DISCUSSED AS TO EFFICIENCY

Professor O'Gara has received the following from Professor P. J. Parrott, entomologist of the New York experiment station at Geneva, N. Y.:

"Professor P. J. O'Gara, plant pathologist, Medford, Or.

"Dear Sir: My attention has recently been called to an article by you showing the comparative cost of the efficient sulphur in sodium-sulphur and lime-sulphur preparations. You doubtless know that this past summer we have carried on a series of experiments with calcium, barium, sodium and potassium polysulphides, using them on the basis of their sulphur content, namely, 4 1/4 ounces of sulphur per gallon in the dormant spray, and from 3-10 to 1-10 ounce of sulphur in the summer spraying. When trees were moderately infested, these different preparations gave quite similar results on the San Jose scale; but when trees were very much infested the calcium and barium preparations were somewhat more efficient. Many of these new sulphur preparations, when used at advertised strengths, were not as efficient as lime-sulphur solution as ordinarily employed, which I attributed to the small amount of sulphur in the diluted preparations. In other words, the compounds of the chemical insecticides, in order to have their preparations compare well with lime-sulphur with reference to cost, were advising their preparations to be used at too great dilutions.

"One noticeable result in all our experimental work was that when arsenate of lead was used with the sodium and potassium preparations we had a great amount of foliage injury, resulting in some cases in the complete defoliation of apples, pears and peaches, and occasionally with dropping of the fruit. I thought you would be interested in these results.

"With kindest regards, I am very truly yours,

"P. J. PARROTT,
"Entomologist."

ROAD MONEY SPENT IN JOSEPHINE COUNTY

GRANTS PASS, Feb. 2.—County Clerk Coburn has just compiled figures embracing the amounts expended by Josephine county upon its roads and bridges since October 1, 1902, to October 1, 1913. During that period a total of \$302,358.98 was expended on roads and road building, and \$70,435.91 on bridges, a grand total of \$372,794.89 for the period.

During the earlier years of the period the poll tax was worked out on the roads, and the expenditures from the road and bridge fund were comparatively light. The year of greatest expenditure from the fund was 1912, when the work amounted to \$119,572.90, of which \$109,224.75 was on the roads and \$10,348.15 on the bridges.

ANOTHER NEW GROCERY STORE FOR MEDFORD

Medford is to have another up-to-date grocery store with a complete new stock in the building recently vacated by Fouts grocery, second door east of the First National bank. It will be owned and run by H. E. Marsh and Louis Bennett and will be opened for business about February 5.

H. E. Marsh has spent twenty years in the grocery business, five years of that time in Medford with the Allen Grocery company, and a few weeks with the Fouts grocery. He understands the business thoroughly, is pleasant and accommodating and will succeed in the new undertaking. Mr. Bennett was born and raised in this community and although the business is new to him he is a wide awake young man and will soon catch on.

ORCHARD JUNKET TO YAKIMA IS PLANNED

Preliminary arrangements have been made for a week's excursion through the orchard districts of the northwest by a party of Rogue River valley fruit growers.

E. B. Hanley is originator of the idea and at an informal meeting on Thursday the scheme was heartily endorsed by George H. Daggett, H. B. Tronson, L. Carpenter, E. F. Guthrie, Frank Madden, A. S. V. Carpenter and other orchardists.

The plan is to charter a special Pullman in which the members of the party will live and include in the itinerary Hood River, North Yakima, Wenatchee and possibly the orchard districts surrounding Spokane.

MR. AND MRS. FRANCIS SAYRE ON THEIR ARRIVAL IN AMERICA FROM EUROPE



The photograph of Mr. and Mrs. Francis B. Sayre was taken on board the liner Majestic in New York Bay. The young couple have returned after a honeymoon in Europe. Mrs. Sayre, who was Miss Jessie Wilson, appeared an excellent spirits.

NEWS FROM ASHLAND AND VICINITY

Some twenty members of the Rogue River Valley School Masters club attended the meeting in Ashland Saturday. Aside from the purely professional subjects discussed the guests including President J. W. McCoy of the Commercial club and C. B. Lamkin, former director of the district were served with a luncheon prepared by the domestic science class of the high school under the direction of their instructor, Miss Davenport.

The directors of the Ashland school district wishing to keep the high school abreast of the best methods in modern education have arranged to send the city superintendent, Prof. George A. Briscoe, to visit other points in the state with a view of looking up the efforts along these lines elsewhere. Prof. Briscoe started north this week and will visit the schools of the state of Washington. It was reported that the local school board had asked the advice of prominent educators as to which cities in Oregon could be visited profitably for the purpose of gaining new ideas and in each instance the board was advised to visit the schools of Washington as the high schools of Oregon could show nothing that Ashland was not familiar with. The survey of the school system of Portland has seemingly broke the ice and the educators of Oregon no longer hesitate to acknowledge that the educational efforts in Oregon have been asleep and are way behind the times.

In the second game of basket ball between the Corvallis and Ashland high schools teams the local team recovered partially some of their lost reputation. The first half was 5 to 5 and in the finals the local team was defeated 30 to 6. The Corvallis team was much heavier as well as better seasoned.

The steering committee of the Normal School Citizens club has been appointed and will convene Monday for the purpose of mapping out a policy.

During the recent storm Bear creek was reported to be higher than

Physicians Endorse Vinol

To Create Strength and for Pulmonary Troubles

Run-down, debilitated people, those who need strength, or who suffer from chronic coughs, colds or bronchitis may find help in these letters.

Dr. C. L. Dreese, Goshen, N. Y., says: "In cases where the curative influence of cod liver oil is needed, I prescribe Vinol, which I find to be far more palatable and efficacious than other cod liver preparations. It is a worthy cod liver preparation in which a physician may have every confidence."

Dr. L. B. Bouchelle of Thomasville, Ga., says: "I have used Vinol in my family and in my general practice with the most satisfactory results. It is exceedingly beneficial to those afflicted with bronchial or pulmonary troubles, and to create strength."

Dr. W. N. Rand of Evans Mills, N. Y., says: "I want to say that I have used and prescribed Vinol in my practice and it will do all you claim for it and more."

We return your money if Vinol fails to help you. Medford Pharmacy, Medford, Oregon.

P. S. For children's Eczema, Saxo Salve is guaranteed truly wonderful.

ever known since the memory of white men. The rainfall in Ashland during January exceeded seven inches.

Extensive preparations are being made to observe the exercises over the dedication of the new \$40,000 armory for Ashland, Monday afternoon and evening. The stores will close from 2:00 to 4:00 and Governor West will deliver an address.

The people of Montague were disappointed over the routing of the California state highway by way of Yreka and leaving their town to one side and have called a mass meeting for Thursday evening for the purpose of remonstrating with the state highway commission. The route from Hornbrook to the state line connecting with the Jackson county highway is not affected in the dispute as both surveys through Shasta valley meet at Hornbrook.

ATTENTION FISHERMEN!
An important meeting of Rogue River Fish Protection association and all others interested in fishing Tuesday night at 7:30, library building.

Good Wood.
If you want good wood, get it from Frank H. Ray.



Special to Hog Breeders and Feeders Digester Tankage

Made by the Union Meat Co. NOW ON SALE IN MEDFORD AT A SAVING IN FREIGHT. We offer you the opportunity of buying this famous hog food at a saving in freight, as we have just received a large shipment for disposal to hog breeders and feeders in Medford and vicinity.

DIGESTER TANKAGE is a concentrated animal protein 60 per cent meat—made from fresh wholesome pieces of meat. Endorsed by all leading Agricultural Experiment stations and by the best breeders and feeders in every state. It develops bone and muscle and makes pigs GROW. Fed wet or dry mixed with other food. Order a trial NOW.

NOTICE
We have appointed Mr. H. B. Allen to handle the Union Meat Company's famous "Rosa-Lawn" brand fertilizer for us. This fertilizer is especially adapted for roses, sweet peas, lawns and all kinds of flowers. Put up in sacks or in a special air tight 10 pound pail.

Rogue River Fruit & Produce Association
Medford, Oregon

MEDFORD GIRL BECOMES BRIDE OF IDAHO RANCHER

Wedding announcements have been received announcing the marriage at Idaho Falls, January 21, of Miss Hazel Brooks Tice of Medford, a native daughter of Jackson county, popular among a wide circle of acquaintances, and John C. Robinson, a prosperous farmer of Idaho Falls. The couple will be at home after February 1 at 138 Eleventh street, Idaho Falls.

The Idaho Falls paper contains the following account of the wedding:

"John C. Robinson of this city and Miss Hazel Brooks Tice of Medford, Or., were united in marriage yesterday afternoon at 6 o'clock. Judge Crowley officiating. The groom had rented the Landberg residence on Eleventh street, at which place the ceremony was performed in the presence of a few friends and relatives, and it is here the young people will make their future home for the present.

At about 9 o'clock thirty invited guests had arrived, when a sumptuous wedding dinner was served. Many presents were received.

"A color of romance enters into this affair. Not a great while ago Miss Tice came from her home in Medford to visit her friends, Mr. and Mrs. Alva Empey, and they first met at the Empey home, and it proved to be a case of love at first sight. Mr. Robinson is a well-to-do farmer, having a large dry farm up on the foothills to the east, where he raised about 7000 bushels of grain the past season. The well wishes of many friends go with them.

SIRE OF FAMOUS HORSE OWNED BY ED HANLEY

Commercial Traveler, owned by Ed Hanley, is a sire of Iron Mask, a horse whose changes are good for lowering the world's running record for one mile. Iron Mask has smashed most of the records on eastern tracks, holds the 6 furlong record of 1.09 3-5, and as soon as he can be prepared will try to establish new figures for the mile.

Commercial Traveler is a well known horse in this section, having won several match races on the local track.

Clearance Sale of Good Shoes

Everything Reduced from 10% to 25%
Nothing Reserved

DISCONTINUED LINES REDUCED REGARDLESS OF COST. COME EARLY. THESE WILL BE SOLD TO THE ONES SEEING THEM FIRST. TO GIVE YOU AN IDEA OF THE PRICES THAT WILL PREVAIL, AND THE SAVING YOU WILL MAKE BY ATTENDING THIS SALE, WE ARE LISTING A FEW REDUCTIONS ON DISCONTINUED LINES.

Men's Hanan Shoes in imported Russia and Viking calf and patent leathers, well worth \$8.00. Sale price **\$5.00**

\$5.00 Howard and Foster, and Tilt Shoes in tan calf, patent and glazed kid leathers. Sale price **\$3.95**

\$4.00 gun metal and tan calf, sale price \$2.95
\$3.50 gun metal and tan calf, sale price \$2.65
\$3.00 gun metal blucher, sale price \$2.35

\$6.50 heavy tan 16-inch lace boot, sale price \$5.50
\$6.50 heavy tan 12-inch lace boot, sale price \$5.50
\$7.00 heavy logging shoe, sale price \$6.00
\$4.50 heavy tan work shoe, sale price \$4.00
\$3.00 heavy tan work shoe, sale price \$2.65
\$1.15 first quality rubbers, sale price 90¢

SPECIAL REDUCTION ON CHILDREN'S SHOES

Misses' Shoes, sizes 11 1/2 to 2, in tan calf button, patent and vici lace, sale price \$2.00
Sizes 8 1/2 to 11, same as above, sale price \$1.75
Sizes 5 to 8, same as above, sale price \$1.50

Women's Hanan Shoes in patent and gun metal, button. These shoes sell up to \$7.00. Sale price **\$5.40**

Special Reductions on TAN SHOES

The best wearing shoes are the natural tanned leathers. There is no dye on them to deteriorate the leather. But these tan shoes can be dyed black if desired, making them the same as gun metal calf. **\$5.00 tan calf button, short vamp and broad high toes, Cuban heel, sale price \$3.65**
Same as above in brown suede, sale price \$3.75
\$4.00 tan calf buttons, short vamps, Cuban and low heels, sale price \$2.95
\$3.50 tan and gun metal button, sale price \$2.45
\$4.50 gun metal, 16-button, sale price \$3.45
\$4.00 vici button shoe, sale price \$2.95
85¢ First Quality Rubbers 65¢

A TABLE FULL OF REMNANTS

Women's and children's high and low shoes, all good styles and well made. Sale price far below cost.

SALE STARTS MONDAY, FEBRUARY 2

C. M. KIDD

KIDD'S FOR SHOES

SHOES FOR KIDS