

FRUIT GROWER SAYS IRRIGATION IS A NECESSITY

J. P. Harsen Says Since 1887 Only Two or Three Years When There Has Been Sufficient Moisture to Mature Fruit Crops — Orchard Made Profitable by Use of Water.

"Since I came to the valley in 1887 there have been but two or three years when there has been sufficient moisture resulting from rainfall to properly mature the fruit crops. The odds are too great and nature having failed, it is up to the orchardist to supply the deficiency with irrigation."

The foregoing is a statement made Thursday afternoon by J. P. Harsen who with his son owns and operates an orchard south of Medford. There are 22 acres in the orchard, 26 being in bearing.

The contrast between orcharding with and without irrigation was strongly illustrated by Mr. Harsen in a comparison of the yield from his orchard in the year 1915 without irrigation and the present year with irrigation.

What Water Did.

In 1915 1271 boxes of fruit were shipped, 150 boxes were of average size fruit and the remainder was under-sized, 400 boxes being so small as to necessitate their being shipped as jumbles.

This year from the same acreage, after 750 boxes were blown off by the high wind of last summer, 3837 boxes were shipped, all except 16 boxes being fancy and extra fancy grades. A large proportion of the fruit was sold as extra fancy half boxes. Returns have been received on 1700 boxes, the Producers' Fruit company paying Mr. Harsen and son \$2800 for this shipment. Returns from the remainder of the shipments, Mr. Harsen believes, will bring the total net returns above \$6000.

Between the Rows.

Between rows of trees Mr. Harsen this year set out a small patch of stock carrots. Thursday afternoon four rows, each 400 feet long were dug. The result being slightly over a ton of carrots. The ground dug was approximately 1-16 of an acre. Samples of these carrots are on display in the window of the Rogue River Valley Canal company. Several times before, Mr. Harsen has tried to raise carrots without irrigation, and the return, on small plots of ground has been at the rate of considerably under a ton to the acre. Mr. Harsen's soil is light and water was applied heavily twice during the season.

To save the fruit buds in the 1915 season, Mr. Harsen and his son hauled water from Bear creek with two tank wagons for 26 days, spreading the water in small circles under the trees. The cost of hauling this water was about \$300. To bring irrigation to the orchard cost \$640. Yet at the cost of \$300 the water hauling was profitable, was absolutely necessary to save the buds. When Mr. Harsen had finished his spell with the tank wagon several of his neighbors borrowed them and followed suit in saving their fruit crop for the coming season.

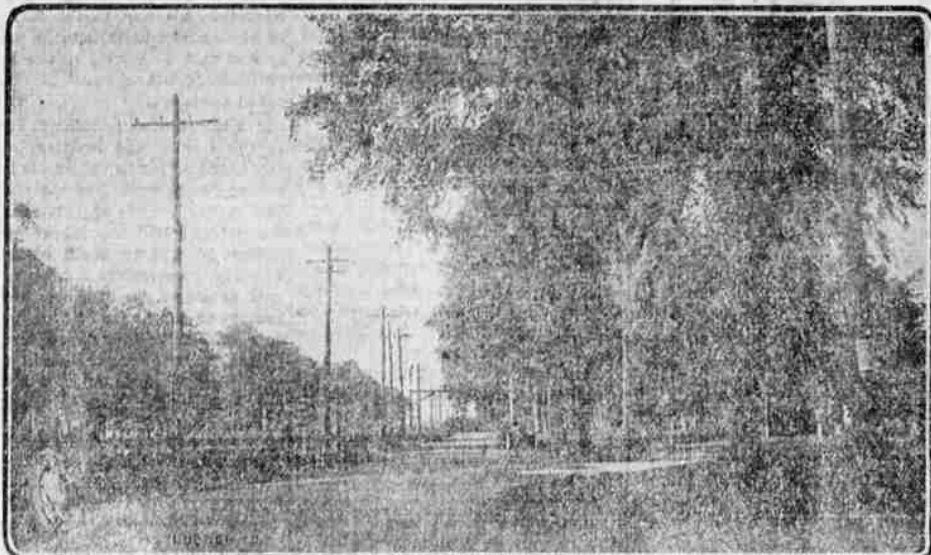
Water Invaluable.

"Irrigation cost us \$20 an acre," stated Mr. Harsen, "but you couldn't buy our right today, if we could not replace it, for \$100 per acre. Irrigation is indispensable to the Rogue river valley orchardist. Without it an orchard cannot be operated at a profit. We are assured of a plentiful supply of water under the present ditch yet we are in favor of the district plan, even though it will cost us more money. It will be worth the additional sum. If the entire district comes under irrigation and is more prosperous, also. The creation of the proposed irrigation district will be for the benefit of the many, the storekeeper, the banker, the laborer, as well as the farmer and orchardist. All will share in a prosperity which will overspread the valley of the Rogue."

DIED

Miss Mabel Wainley, aged 31 years, 7 months, 14 days, died Saturday, Dec. 2, at her home in Eagle Point, Ore. She leaves a father and one brother, besides a host of loving friends to mourn her loss. She was a member of Peace Rehearsal lodge, from which the funeral services were held. Despite a pouring rain, the house and yard were filled with friends who brought many beautiful floral offerings as a last token of respect for one who will be greatly missed.

HISTORIC SCENES IN OLD NEW ENGLAND



OLD HADLEY where a regicide of Charles I appeared "from nowhere" and saved the panic stricken settlers

Old Hadley, a beautiful New England town, situated upon the east bank of the Connecticut River some twenty miles north of Springfield, Mass., was a center of great activity during the stirring days of King Philip's Indian wars. On Sept. 1, 1675, while at worship in the village meeting house, the inhabitants of Old Hadley were surprised by an attack upon their settlement by a horde of Indians.

Abandoning worship, they seized their arms and rushed out to defend their homes, but the suddenness of the attack found them utterly demoralized. When the confusion was at its height there suddenly appeared in their midst an unknown man of grave and elderly bearing, who at once took command of the situation, issued orders, rallied the defenders and in short order routed the redskins from the town. Then, as suddenly as he had appeared, did the stranger effect his removal from the scene, and his identity for many years remained a comparative mystery.

It was later established that the deliverer of Hadley was General William Goffe, one of the three living regicides of Charles I, and for whose head a liberal bounty was offered. After years of pursuit from place to place he found safe hiding under the hospitable roof of Pastor John Russell of the Old Hadley congregation. It is believed that after his spectacular deliverance of the Hadley settlers he remained still undiscovered in the Russell household until his death some five years later.

A beautiful state road winding up the Connecticut valley takes thousands of autoists each year directly by the spot where General Goffe rallied the inhabitants of Old Hadley to the defense of their homes.

'LITTLE THEATRE' AIM OF MEDFORD DRAMA LOVERS

Since the Washington Square Players proved by the wonderful success of their venture that the idea of the Little theater is founded on something of permanent value, the idea has spread until now nearly every large city in the east and many small towns even in the middle west boasts of its Little theater. St. Louis and Detroit have just opened theirs with plays by Galsworthy, Lord Dunsany, Brock, etc., all given by amateurs. In Philadelphia a season of twenty weeks has just been opened with seven performances a week. Perhaps the most notable event in the development of the drama is the establishment of a "children's theater." In Berkeley, Cal., Mrs. Howell, the artistic director, said of it: "We try to eliminate the undesirable elements that usually accompany children's dramatic productions. The whole impulse is of the group, not of the individual—the children put off their costumes, put on their street attire and depart with as little fuss as though they were returning home from school—as, indeed, they are."

Minneapolis has two "Little theaters," one at the university and one the child of the Woman's club. The Minneapolis center of the Drama League is enlarging its activities to include the formation of reading circles, the development of study courses and the discussion and agitation of a subsidized theater.

Perhaps Medford will some day be the proud possessor of a Little theater also. The lecture by Dr. E. S. Bates, given under the auspices of the Drama League, will no doubt arouse enthusiasm, as he has adopted his talk for the purpose of helping to meet the needs of the production of plays in the community. "This lecture points out the kind of a play which should be chosen and goes into detail as to certain specific plays. Dr. Bates, in this lecture, keeps in mind the difficulties of producing to be met and discusses the means of overcoming them."

The lecture is at the public library, Saturday, December 9, at 8 o'clock p. m. It is free, and every one interested is cordially invited to come.

COUNTY BUDGET FOR 1917 ADOPTED

At a meeting of the county court held Thursday protests were received from members of the Jackson County Taxpayers' league concerning the proposed levy for the coming year. Discussion, however, proved that the league members were not familiar with the subjects discussed, their objections were easily answered and all protests withdrawn. The tentative budget was adopted by the court for the coming year.

REGULAR ARMY SHY 34,000 OF AUTHORIZED FORCE

WASHINGTON, Dec. 8.—The regular army was 175 commissioned officers and 25,985 men short of its authorized strength on June 30 last, and the next day more than 34,000 men under the authorization, according to the annual report of Adjutant General McCain, made public today. The sudden increase was due to the fact that the first increment of the army increase authorized in the national defense act became available July 1.

The report shows that the total authorized strength for all branches of the service on a peace footing during the present year is 138,897 men and 7252 officers, while the actual strength on June 30 was 107,441 officers and men. It notes that high wages in civil life have prevented the army from obtaining the recruits it needs, although the largest number of recruiting stations established in many years have been engaged in the task. The report discloses that 71,000 regulars were on duty in continental United States on July 1, that number including the expeditionary force in Mexico. The report shows that a total of two officers and thirty-four men in the entire army were killed in action, while five additional men died of wounds.

PROHIBITION LEGISLATION FOR DISTRICT COLUMBIA

WASHINGTON, Dec. 8.—Prohibition legislation was favored into a point of routine today when the senate, on motion of Senator Sheppard of Texas, began consideration of the bill to prevent the manufacture and sale of liquor in the national capital.

NONE SUCH MINCE MEAT



At Grocers 12c to 15c per package. Makes Mince Pie twice as good as bulk mince meat, and costs half the price. Try it "Like Mother Used to Make" MERRELL-SOULE CO., Syracuse, N. Y.

EXPERIMENTS FOR TREATMENT OF OREGON ORES

PORTLAND, Dec. 5.—Dorsey A. Lyon, metallurgist of the Federal Bureau of Mines at the order of Director Manning, came to Portland today to arrange for co-operative work with the Oregon Bureau of Mines and Geology. Dr. Lyon, who has been in charge of the Salt Lake station for a few years has just been placed in charge of the Northwest Mining Experiment Station, recently announced at Washington, D. C., as having been located at Seattle.

As a result of the conference which was held between Dr. Lyon, Chairman Lawrie and Director Parks of the Oregon bureau, Dr. Lyon is recommending to Director Manning that experimental work be inaugurated immediately, taking up problems of treatment of Oregon ores. This news will be welcomed generally because of the many rebellious ores in both Eastern and Western Oregon, the satisfactory solution of which will give additional impetus to Oregon's rapidly increasing mineral production.

It has been arranged that the Oregon bureau will select the problems to be solved, while the federal bureau with their laboratories and staff will co-operate and assist in determining the process of extraction, which will be the best for our ores. The above arrangement accords with the statement, which came from Washington, D. C., a few days ago to the effect that Seattle, Wash., will be the site of the Northwest Mining Experiment Station, and that the substations will be established in Oregon and Idaho.

BELGIAN POLICY BENEFICIAL

(Continued From Page One). from accepting work voluntarily only because it was offered by Germans. Nevertheless tens of thousands of them voluntarily accepted work in Germany at profitable wages. Situation Grows Worse. The statement goes on to say that the labor situation in Belgium has grown worse and that conditions are now such as to necessitate improvement, hence the ordinances must be enforced more vigorously in order to relieve the situation. Before compulsory transport, however, every idle person is offered the opportunity to accept profitable work on contract and compulsion is resorted to only where the laborer stubbornly refuses.

Workmen coming to Germany are placed on the same footing as Germans and are earning higher wages than they ever received in Belgium. Steps have been taken to send part of their earnings to their families in Belgium. The laborers also are permitted to make regular visits to their homes and families are allowed to accompany them to Germany if that is desired. Provision also is made for religious services in their own language.

Golden West Coffee is "Just Right"

MEDFORD Vulcanizing Works All work guaranteed. Auto Tire Repairing. We sell Fisk and Michelin Tires. 36 South Grape St. Medford

GIRLS! GIRLS! TRY IT! STOP DANDRUFF AND BEAUTIFY YOUR HAIR

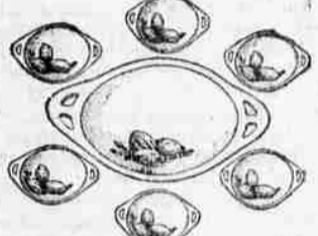
Hair Stops Falling Out and Gets Thick, Wavy, Strong and Beautiful

Your hair becomes light, wavy, fluffy, abundant and appears as soft, lustrous and beautiful as a young girl's after a "Danderine hair cleanse." Just try this—moisten a cloth with a little Danderine and carefully draw it through your hair, taking one small strand at a time. This will cleanse the hair of dust, dirt and excessive oil and in just a few moments you have doubled the beauty of your hair.

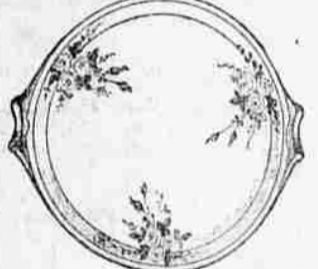
Besides beautifying the hair at once, Danderine dissolves every particle of dandruff; cleanses, purifies and invigorates the scalp, forever stopping itching and falling hair. But what will please you most will be after a few weeks' use when you will actually see new hair—fine and downy at first—yes—but really new hair growing all over the scalp. If you care for pretty, soft hair and lots of it, surely get a 25 cent bottle of Knowlton's Danderine from any druggist or toilet counter, and just try it.—Adv.

DEO FOR COUGHS AND COLDS 1 Donnell's Eucalyptus Ointment AT ALL DRUG STORES TUBES 25c JARS 50c

STOFFER'S FINE CHINA



We cordially invite you to call and inspect our complete stock of this well known guaranteed and decorated fine imported China, which includes new and unique departures in exclusive shapes and original decoration. Every article is stamped "Stouffer Hand Painted" which in itself is a guarantee of workmanship and quality.



Martin J. Reddy THE JEWELER. 212 E. Main. Visitors always welcome. House of quality. Phone 10 correct time.

The Meat Question

Is easily solved if you patronize this market.

For Saturday

- Pork Shoulder, lb. 13c
- Spare Ribs, lb. 7c
- Backbones, lb. 5c
- Home-Made Sausage, 2 lbs. for. 25c
- Home-Made Sauerkraut, quart. 10c

Try some Wienerwurst and Sauerkraut.

Independent Market

"Around the Corner" Phone 27

Crowson's

Will Be Open to the Public

In their new location 229 E. Main Street

Saturday, December 9

Home Made Candies, Ice Creams and Lunches