

When You Have a Place For an Efficient Worker Say so In a Want-Ad

PRECOOLING FRUIT GREAT SUCCESS

The world beyond the confines of the California state line and especially that portion between the Rocky mountains and the tide-beaten shore of the Atlantic, is at last becoming acquainted with the matchless flavor of California fruits as they are taken from the trees. The old method has seen its end, for inventive genius, engineering skill and the investment of an enormous sum of money have abrogated its necessity.

Nearly \$1,000,000 is the price which the Santa Fe railroad is expending to secure a system of refrigeration which makes it possible to handle citrus fruits across the continent to eastern markets with absolutely no decay. The big plant now in course of completion on the outskirts of San Bernardino is the first of its particular kind in the world.

The system adopted was resolved upon as the result of a series of experiments by the federal government, the Santa Fe and the Southern Pacific railroads, and although of a different patent from that of the Pacific Fruit Express at Colton, the results to be obtained are practically the same.

While it is a fact that the big plant of the Santa Fe is the result of the necessity to minimize the enormous amount of damage occurring annually in the transportation of fruit, yet the railroad must be given credit for having made such enormous investments for the benefit of the citrus and deciduous fruit industry in California. It is true that claims aggregating hundreds of thousands of dollars are yearly filed with the railroad companies by shippers because oranges and lemons and other fruits and vegetables reach the market in a decayed condition, but nevertheless the growers in California have been considered at least to the extent that they are not charged one additional cent for the pre-cooling of the fruit. The regular car and icing charges remain in effect.

An idea of the products to be affected by the new pre-cooling process may be gained from an analysis of fruit shipments during the season of 1909. California shipped during that season to eastern markets 45,000 cars of citrus fruits, including oranges, lemons and grapefruit; 13,500 cars of deciduous fruits, including cherries, apricots, peaches, pears, plums, apples, grapes, persimmons, etc.; 6500 cars of vegetables, including celery, cabbage, cauliflower, onions, lettuce, tomatoes and potatoes. Most of these products were necessarily picked before ripening was complete in order to allow seven to nine days to reach markets under ordinary ice. They brought about \$75,000,000. How much more they might have brought had it been possible (as it will be in the future with the pre-cooling system) to let the fruit mature on the stem and deliver it in the eastern markets as fresh and luscious as when taken from the tree is a question. Undoubtedly the California grower may prepare himself for better returns than ever before, and loss, through over-ripening of the fruit, decay in transit and the non-payment or reduction of railroad claims, will be almost entirely eliminated.

Early in 1888 ventilated refrigerator cars were introduced in California for carrying citrus fruits both under ventilation and refrigeration. The first cars in service on the Santa Fe were known as the Tiffany cars, having a capacity of about 4000 pounds of ice. Ventilation was secured through small ventilators in the ends of the cars. Two types were put in service on the Southern Pacific lines, the Hutchins car, operated by the California Fruit Transportation company and the Goodell line car.

At the end of the second season thereafter the Santa Fe put into service the Wickes patent refrigerator car which had been found by test to be a better refrigerator and ventilator than the Tiffany car. These cars were 34 feet in length. After using them and finding they were best in service, shippers over the Santa Fe absolutely declined to load any other cars, and the road was forced to take out of service 250 Tiffany cars and rebuild them for ventilated fruit cars. Such cars were less used even then and within a short time the ventilated cars were entirely withdrawn from the citrus fruit service at quite a loss to the railroad company. In the meantime all kinds of refrigerator cars were coming into service. Improvements continued in ventilating and refrigerating devices for refrigerator cars. Nearly four hundred patents have been taken out in this

country alone. The construction of the cars advanced, particularly as to strength, height and length.

By the beginning of the season of 1896 the Wickes car was out of date, compared with others, and the Santa Fe was obliged in order to satisfy the demand of the shippers and be on an equality with competing railroads to discard it.

Arrangements were made with the Santa Fe Fruit & Refrigerator Line, the Continental Fruit Express and the Fruit Growers' Express to supply the line with sufficient of the latest improved refrigerator cars. These cars were not satisfactory to the shippers and in 1901 the Santa Fe purchased all the modern cars of the Santa Fe Fruit & Refrigerator Line and built a sufficient number of modern 40-foot refrigerator cars to take care of the traffic.

This equipment has been steadily improved upon and increased so that today the Santa Fe has 6600 of the later improved refrigerator cars, operated by the Santa Fe Refrigerator Despatch. This equipment cost over \$6,000,000 and is sufficient to take care of the maximum citrus fruit loading of any part of the season.

The immense investment has been made primarily for the citrus fruit traffic, as there is not sufficient perishable freight on other parts of the system to employ any such number of cars during the dull season in California. The cars are either idle during the several months or are employed in box car service where the general loading and usage necessitates heavy cleaning and repair bills.

Twenty years ago the very hardest California fruits might be shipped as far as Salt Lake; the shipping industry was almost nil. Then came the refrigerator car and with it an era of new possibilities. The introduction of this ice packed, air tight car, providing safe transportation for highly perishable fruits, has been responsible for the development of an output which in 1908 reached about 66,000 cars, valued at about \$75,000,000.

The perfecting of pre-cooling, it is believed, will mean almost as much to the California fruit industry as did the coming of the refrigerator car. It will create for California fruit a demand impossible of estimation at this time. The average time required for a car of fruit to make the trip to New York is nine days, to Chicago seven days. A car of fruit, for instance, heavily iced, would start eastward with a temperature of 70 degrees. Though the ice bunkers were regularly replenished at frequent intervals, such was the heat in the fruit at the time it went into the car that perhaps five days would lapse before the temperature fell to 40 degrees, and ripening or the development of decay was stopped. Naturally the fruit had to be picked green enough to stand five days of ripening in the car. Unfortunately the full richness of flavor is found only in the fruit that matures upon the vine or tree, and thus New York, while eating ripe California fruit never has known how good California fruit ought rightfully to be. This condition has held true with practically all fruits and vegetables raised in the orchards and gardens that border the Pacific. For several years experiments have been in progress which sought to reduce the temperature of fruit fresh and hot from the limb or vine as it went into the car. Most of the systems tried were found expensive and impracticable. From chilling baskets or crates separately the refrigeration experts turned their attention to the handling of cars after they had been packed. Even when it was found possible to chill a car at a time no practicable results had been obtained, for a fruit train could not wait upon a siding while each of its many cars was separately treated. And then the Pacific Fruit Express and the Southern Pacific conceived the great pre-cooling plant at Roseville, 20 miles north of Sacramento, at the junction of the Ogden and Shasta routes, making use of the intermittent vacuum system. Under the direction of Arthur Paget, consulting engineer, more than a million dollars was spent in erecting a plant which could have no practical demonstration until it was completed. The plant was built in conjunction with the ice plant of the company. The first test was made October 9 last. This initial demonstration was with a train of refrigerator cars loaded with ripe grapes brought from Lodi and run into the cooling sheds. Ten cars were cooled simultaneously. In two hours the temperature within the cars fell from 70 to 38 degrees. The cars were then dispatched to New York and Philadelphia with a delay of less than three hours. There was no ripening, no decay after the cars left Roseville, and ten days later this fruit was exposed in the markets of the Atlantic cities in precisely the

Find Your Buyer He Reads The Ads!

Sell that property for its real value by finding the buyer who NEEDS it. The man who buys always for speculation thinks always of taking advantage of "our anxiety to sell"—but the man who NEEDS YOUR PROPERTY will pay a fair price, and BE GLAD TO DO SO. He's to be found. He reads ads. He misses some of them, too. But—he reads again the next day, and the next. He will find YOUR AD IF IT IS "THERE" WHEN HE LOOKS FOR IT.

Want Ads—One Cent a Word

same condition as when it left California.

C. M. Gray, refrigerating engineer, representing the Vilter Manufacturing Co., of Milwaukee, located at I. W. Hellman building, in Los Angeles, is the man responsible for the revolutionizing the system of refrigerating fruit for transportation. Mr. Gray has spent almost all of his life in perfecting his idea in refrigeration and much time and money has been spent in conducting a series of tests and perfecting the machinery before it was finally ordered to be placed into service. Two years ago the first plant was constructed in San Bernardino by the Santa Fe and since that time tests have been made and the results of actual experience utilized.

Drives Hat Pin Into Brain.

BOON, Iowa, July 13.—A large hatpin penetrated into the brain of Mrs. Peter McDonald, when she with a companion was thrown out of a buggy in a runaway.

The two women were driving down a steep hill when the team became frightened and ran away. Half way down the hill both women were hurled to the ground. Mrs. McDonald stuck on her head.

When lifted up it was found that her hat pin had penetrated her brain. The two women were brought to a hospital here. It is believed that both were fatally hurt.

Medford, Oregon: This certifies that we have sold Hall's Texas Wonder for the cure of all kidney, bladder and rheumatic troubles for ten years, and have never had a complaint. It gives quick and permanent relief. Sixty days' treatment in each bottle. Medford Pharmacy. tf

MEDFORD MARKETS.

(Prices paid by Medford merchants.)

Potatoes, new, \$1.40 per cwt.; cabbage, 2@2½c.

Blackberries, \$1@1.25.

Loganberries, \$1@1.25 crate.

Cherries, 6@8c lb.

Green onions, 40c dozen bunches;

radishes, 40c dozen bunches; rhubarb 4 to 5c lb.; lettuce, 40c dozen; peas, 4c lb.; turnips, 1½c lb.; beets, 40c dozen bunches; carrots, 40c dozen bunches.

Peaches, 50 to 75c box.

Apricots, 5c lb.

Cucumbers, 15 to 20c lb.

Butter, Eggs and Poultry.

(Prices paid by Medford merchants.)

Ranch butter, 25@27½c; fancy creamery, 30c.

Fresh ranch eggs, 30c.

Mixed poultry, 10@14c; spring chickens, 18@20c; turkeys, 17c.

(Prices paid producers.)

Hay—Timothy, \$16; alfalfa, \$15;

grass, \$14; grain hay, \$16.

Grain—Wheat, \$1.15 bushel; oats, \$32 ton; barley, \$30 ton.

Beef—Cows, 4@4½c; steers, 5@5½c; pork, 9c; mutton, 5c@5½c;

lamb, 6c; veal, dressed, 8c.

(Selling prices.)

Ranches.

FOR SALE OR TRADE—For Southern Oregon property, \$5000 equity in first-class dairy farm, 38 miles from Seattle. For particulars address W. S. Mattocks, R. D. No. 4, Box 14, Snohomish, Wash. 98

FOR SALE—Now is your time to buy a fine home and fine orchard near Talent; half mile from postoffice, two acres, 50 bearing fruit trees, apples, Spitzenberg, Newtown, Bellflower, Gravenstein, King, Ben Davis, Black Arkansas, White Pearmain, Maiden Blush, Fall Pippin and Winesap; also 100 small pear trees set out this spring; a fine well; the house has seven rooms and a family lives in it now; it is an old house, but you can live in it until you can build a new one; county roads on two sides; only (\$3000) three thousand dollars, one-half down, the remainder on time at 8 per cent. Jump on the cars and come to Talent and let me show you the place. L. N. Judd, Roberts building, near depot. Be quick about it. 100

Rolled barley, \$1.90 cwt., \$32 ton; bran, \$1.70; middings, \$1.85@1.90; shorts, \$1.80@1.85. Local peaches, \$1.

FOR SALE.

REAL ESTATE.

FOR SALE—18 acres foothill land one mile from Eagle Point; price \$750. Terms, \$250 cash, long time on balance. Address H. C. Stoddard, Medford, Or. 102

Houses.

FOR SALE—7-room house, with 2 lots, barn, etc., 3 1-2 blocks from new depot; \$2400. Address owner, P. O. Box No. 514.

FOR SALE—New modern bungalow, three blocks from Main street and close to business part of town; has modern plumbing, Mission electrical fixtures, built-in refrigerator, buffet and chiffoniers laws, cement walks and park strip; street will be paved; will be bid for actual cost to build. Inquire at 240 So. Grape street. 99

Business Property.

FOR SALE—Choice business property at a bargain, on long time; easy terms. Address Condor Water Power Co.

Lots.

FOR SALE—City lots, \$20; for a small, safe investment see the city lots I offer at \$300 and \$250 per lot; \$20 cash payment; balance \$10 per month; no interest. H. C. Maltby, No. 7 Postoffice Bldg. *

FOR SALE—Snap if taken at once. 2 lots 50x133, Ross court. 119 So. Ivy street. 99

FOR SALE—Choice east front lots, one block from Oakdale avenue, three blocks from city park. These close in lots will be sold at a bargain. Write or inquire at 240 South Grape street. 99

Acresage.

FOR SALE—336-acre ranch, good river bottom land, seven miles from Eugene, three miles from S. P. station, on R. F. D. route, near school and church. Good buildings, fences and water. Horses and implements and 20 head of fine Guernsey stock go with the place. One hundred pounds of butter per week goes to market from the place. Splendid fruit land. Will sell part at \$65 or whole at \$60 per acre with terms on one-half. Inquire of Rhoads & Sutton, Springfield, Or. 114 *

FOR SALE—60 acres, finest building site in the valley, including 30 acres good fruit land; cheap and terms right. H. C. Maltby, No. 7, Postoffice Bldg. *

FOR SALE—5 and 10-acre tracts just within and adjoining city limits, at a bargain, on 5 annual payments. Address Condor Water Power Co.

FOR SALE—Old established business in the farmers' fruit belt of the Rogue River valley, at Phoenix, Ore., on S. P. R. R. Stock at present \$10,000; all clean, well selected and free from encumbrances. Two lots, store, building with all modern conveniences, warehouses, postoffice in store, and everything necessary for conducting the business. Last year's sales \$39,000. Inquire of Hearn, Fisher & Co., Phoenix, Ore., for terms.

Miscellaneous.

FOR SALE—First-class mare, will work any where, eight years old, weight about 1250, good puller, color black. Enos Conger, Central Point, Or. 104

FOR SALE—Young single horse, buggy and harness; will sell reasonable. Apply to W. E. Whiteside, Central Point, Ore. 105

FOR SALE—Good milk cow for sale, reasonable. Inquire 707 W. Clark street. 100

FOR SALE—Legal blanks of all kinds—trespass and other notices, at Mail Tribune office. 103

FOR SALE.

Miscellaneous.

FOR SALE—Moving picture machine and complete outfit. Will sell cheap, or trade for gasoline engine and tank. See W. E. Whiteside, Central Point, Ore. 105

FOR SALE—Riding pony six years old, weight 900. Price \$50. See E. Burke, Nash Hotel. 98

FOR SALE—Half price, pumping plant, consisting of pump house, 30 feet high, 3000 gallon tank, pump and pipe connections complete with 1 one-horse power motor and transformer. N. L. Townsend, 721 Bennett avenue. tf

FOR SALE—A windmill; air motor, 40-foot steel tower, 10 foot fan. Inquire L. B. Warner, Jr., at Warner, Wortman & Gore's store. *

FOR SALE—A full line of Old Hampshire and Oak Bonds, plain and cloth finish; letter heads and envelopes. Mail Tribune office. *

FOR SALE—Chandler & Price Gordon jobber, 11x14 press; a bargain. Inquire Mail Tribune office. *

FOR RENT.

Furnished Rooms.

FOR RENT—Modern rooms, 120 South Laurel street. 103

NEW, modern, cool, sleeping rooms. Address P. H., this office. tf

FOR RENT—Furnished, modern rooms, gentlemen preferred; 1-2 blocks from postoffice, 208 North Central Ave. tf

FOR RENT—Parlor and bedroom, cool and clean; use of bath; close in; \$5.00 per week. 127 S. Grape St. *

FOR RENT—Modern furnished rooms at 604 West 10th or 124 King street. *

FOR RENT—Furnished rooms for transients, No. 10 North Grape street, next to Farmers' and Fruit-growers' bank. *

Miscellaneous.

FOR RENT—120 acres of first-class pasture, 2 1-2 miles northeast. C. W. Isaacs. tf

FOR LEASE—Fully equipped gold mine; ten-stamp mill and concentrator, all operated by electric power. Owner will furnish free electric power for share in proceeds. See Smith, at Condor Water & Power Co. *

WANTED.

Houses.

WANTED—To rent, 4 or 5-room house, modern, Address P. H. H., this office. 99

Furnished Houses.

FOR RENT—Good light and large office room, 331 East Main street, 2d floor. 98

Miscellaneous.

WANTED—Jersey cow, fresh, four gallons per day. J. M. Schmidt, one mile west of Medford, Jacksonville road. tf

WANTED—Stock to pasture alfalfa, at the Regar ranch, 3 1-2 miles west of Medford. 101

WANTED—Stock to pasture, good pasture, running water, \$2 per head per month. C. H. Brown, Eagle Point road. 99

Positions.

WANTED—An A1 bookkeeper; would like position; fine penman. Good references. Address A. B., care of this office. 101

WANTED—Middle-aged lady for general housework and cooking. Address P. O. Box 18, Phoenix, Or. 100

Help Wanted—Female.

WANTED—Thoroughly reliable woman for general housework on ranch near Eagle Point; good wages. Address Frederick Pelouze, Eagle Point, Or. 103

Help Wanted—Male.

WANTED—Experienced stone cutter and quarry man. Call at Condor Water and Power Co.'s office. *

WANTED—Stenographer for a few weeks' work. Apply R. H. Hansauer, room 16, Postoffice bldg. 99

WANTED—Thoroughly reliable woman for general housework on ranch near Eagle Point; good wages. Address Frederick Pelouze, Eagle Point, Or. 103

HELP WANTED.

Help Wanted—Male.

WANTED—Salesmen in every locality of the northwest; money advanced weekly; many make over \$1000 month; choice of territory. Yakima Valley Nursery Co., Toppenish, Wash.

WANTED—Four young men to rent a large, well ventilated, nicely furnished room. Call 604 W. 10th St. tf

MONEY TO LOAN.

WE HAVE \$500,000 Eastern money to loan on first mortgages. Farm loans preferred; no loans made less than \$5000. Medford Orchard & Trust Co., Inc.

FOUND.

FOUND—Small handbag, containing handkerchief and small change. Owner may have same by paying for this ad and identifying property. *

FOUND—Purse, containing some silver. Call at C. J. Semon, with Medford Cement & Paving company. tf

LOST.

LOST—A purse, with \$3.50 in it, on Grape street. Return to Jesse Gentry bootblack stand. 98

LOST—Or strayed from the Gore pasture, near Medford, one mare, gray, 8 years old, no brand, gentle, walks crooked on hind feet. Finder notify Wm. Jones, Beagle, Or. 102

YOST—A pair of gold rimmed glasses on banks of Rogue between mouth of Little Butte and pine trees. Reward at Mail Tribune office. tf

LOST—Or strayed, from McAndrews pasture, riding pony, light sorrel, white star on forehead, slightly stiff at knees. Reward paid. Hotel Nash. *

BUSINESS DIRECTORY.

Tin Shops.

J. A. SMITH—Tin shop. Tin and sheet iron ware on hand and made to order. 128 North G St.

Hospitals.

SOUTHERN OREGON HOSPITAL—344 South C st., Medford, Ore. E. W. Hisey, Matron. Official hospital P. & E. R. R.

Real Estate.

EARLE C. SABIN—Orchard tracts, city property. List your holdings with me. Only desirable property handled. Room 202, Fruitgrowers' Bank bldg.

SEE WM. E. STACEY & CO. for some of the choicest bargains in real estate in this valley. Also British Columbia and Alberta, B. C., and other parts. Call on him at Bitter's office Phipps building, or at the Medford Auto company's garage, where we start out our agents for the Aladdin Mantle Lamp and hidden window screens. We will treat you right. Come and see.

MEDFORD ORCHARD & TRUST Co., INC.—Buy and sell the earth. 9 North Central ave.

Bill Posters.

VERNE T. CANON—Bill Poster and Distributor. All orders promptly filled. Room 29, Jackson County Bank building, Medford, Ore.

Cigars and Tobacco.

IRELAND & ANTLE, Smokehouse—Dealers in tobacco, cigars and smokers' supplies. Exclusive agents of Lewis Single Binder, El Merito and El Palencia. 212 West Main street.

Painters and Paperhangers.

H. G. DEAN, O. P. MULLEN—Phone 3732. Dean & McMullen, contracting painters, painting, paper hanging and tinting. Estimates on all kinds of painting work. Medford, Ore.

GERWOLF & WARD, contracting painters, paper hangers and decorators; signs. Estimates given on all kinds of day and job work. Park View Hotel. Phone Main 1801.

Furniture.

H. F. WILSON & CO., dealers in new and second-hand furniture and hardware. Agents for Mound City kitchen cabinet. 323 E. 7th St.

MISSION FURNITURE WORKS—Corner 8th and Holly sts., Medford. Mission Furniture made to order. Cabinet work of all kinds. A trial order solicited.

MORDOFF & WOLFF—Cook stoves and ranges. New and second-hand furniture. Eads' old stand, 18 W. F st. South. Phone 91, Medford, Ore.

Nurseries.

QUAKER NURSERIES—Our trees are budded, not grafted. Our stock is not irrigated. We guarantee everything put out. We are not in the trust. H. B. Patterson, office removed to 116 East Main st.

ROGUE RIVER VALLEY NURSERY CO., Inc.—Growers of high-grade nursery stock. Office 25 W. Main. Tel. 1201.

Physicians and Surgeons.

R. W. STEARNS, M. D.—Opposite Jackson County bank. Night calls promptly answered. Office and residence phone Main 3432.

DRS. CONROY & CLANCY, Physicians and Surgeons, Taylor and Phipps bldg., rooms 210, 211, 212. Office phone 501, residence phone 612. Office hours 9 a. m. to 8 p. m.

DR. F. G. CARLOW, DR. EVA MAINS CARLOW—Osteopathic Physicians, Mission block. Phone 292. Medford.

Life Scientist.

MRS. LILLIAN A. ELDER, Life Scientist—Private instruction in "New Psychology" and "New Thought" principles. Callers received Wednesdays, 127 South Grape street.

Medicines.

HOW YOUNG'S CHINESE MEDICINES—Will cure rheumatism, asthma, paralysis, sores and private diseases. These remedies may be procured at the Sing Lee laundry, 123 S. Riverside avenue, Medford, Ore., where they will be sold by the proprietor.

Dr. Chow Young has treated several severe cases with his remedies since coming to Medford and has for reference some of the best known and most intelligent citizens in Southern Oregon. Call on him.

Brick Companies.

MEDFORD BRICK CO.—Geo. W. Priddy, O. D. Nagle, Geo. T. O'Brien—Contractors and manufacturers of brick; dealers in pressed brick and lime. Office in Postoffice block, room 5. Phone

BUSINESS DIRECTORY.

Public Auditor.

E. R. WHEELER, Public Accountant and Auditor. Books opened for corporations, firms and individuals. Auditing, investigating and Systematizing. Address 707 Oakdale Ave. S. Phone Main 242. Medford, Ore.

Attorneys.

WITHINGTON & KELLY—Lawyers, Palm building.

A. E. REAMS—Lawyer, over Postoffice.