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PORTLAND OFFERS A MARKET FOR YOUR PRODUCE

Orpheum AT HEILIG THEATER
Season opened Sun. Mat., Sept. 10. 15c to 50c
Three Mats. Sun., Mon., Tues. 15c to 40c
Three Nights. Sun., Mon., Tues. Except Sundays

Hippodrome Complete Change Saturday. Adults, Matinee 25c; Evenings, 35c. Continuous 1 to 11 p. m. Children 10 cents all times.

MEDUSA will make Silos, Granaries, Basements, etc. Waterproof, Rotproof, Ratproof and Fireproof. Medusa Waterproofed White Portland Cement is the best for Stucco Plaster on outside for Bungalows—Does not stain and dirt can be hoisted off. Write for Literature. Sold by A. McMillan & Co., 340-350 East Ankeny Street, Corner Second.

Elite Buttonholing — Buttons — Flaiting — Tucking and Chainstitching. All Mail Orders given careful and prompt attention. ELITE SHOP, 128 1/2 Tenth near Washington.

BAB'S RESTAURANT A good place to Eat and Live Well. Remarkable 40c luncheon at noon. Open 7 a. m. to 2 a. m., 321 Stark St.

PORTLAND HIDE & WOOL CO. We Pay Highest Prices for HIDES, FELTS, WOOL, MOHAIR, CASCARA BARK. Address Department B

The Stradivara The Phonograph Known for Tone Agents wanted. Order direct from factory, 330 East Morrison St., Portland, Oregon. STRADIVARA PHONOGRAPH CO.

Page & Son Write us for prices and market conditions on Veal, Hogs, Poultry, Fruits, Potatoes, Onions, etc. Forty Years in the Same Location. Portland, Oregon

KIMBALL Pianos and Phonographs sold on installment plan. McCORMICK MUSIC CO. Oregon Distributors 429-431 Washington Street, Portland, Oregon

FLIES FLEE from "WOOD-LARK" REPELLENT. PRICES: Quart, 75c; half gallon, \$1.25; gallon, \$1.90. Order from your dealer. If he hasn't it, we'll send you a gallon, charges paid, for \$2.00. Postage stamps accepted.

Clarke, Woodward Drug Co., PORTLAND, OREGON. If your RADIATOR heats or leaks, send it to us. Armstrong Auto Radiator Co., 27 Burnside street, Portland, Oregon

INCOME TAX PROBLEMS Expert advice on any income tax problems. Several years' actual experience in Government Bureau is offered those unable to visit our office. State your troubles briefly and send in with \$1 and we will give you honest to goodness advice. It will pay you to get in touch with us now. E. J. Curtin, Room 806 Lewis Bldg., Portland, Oregon.

RITZ HOTEL Fire Proof and Modern. PARK AND MORRISON STS. Depot Morrison Cars direct to Hotel. Popular Prices. Central Shopping and Theater district. FRANK A. CLARK, Prop., formerly with Clyde Hotel.

HOTEL HOYT Located Sixth and Hoyt. Strictly Fireproof and Modern. Near both depots and convenient car service to all parts of city.

For These Cool MORNINGS You need this dependable HEATER. Special introductory price \$9.50 EACH Post Paid. GUARANTEED FOR ONE YEAR. STANLEY LUTZ, 200-3-5-7 Chamber of Commerce Building. Send for catalogue. Portland, Ore.

PILES I GUARANTEE to cure any case of Piles, no matter how severe or chronic—WITHOUT operation, knife, caustic or confinement—or refund your fee. Send today for my FREE BOOKLET.

DR. CHAS. J. DEAN RECTAL SPECIALIST. 2ND AND MORRISON PORTLAND, OREGON. MENTION THIS PAPER WHEN WRITING.

NEW YORK'S UPPER BROADWAY Writer Tells of Difference in Shops and People Found on Great Thoroughfare.

Upper Broadway has a certain opulence achieved by no other part of Manhattan, a writer in the St. Louis Globe Democrat says. The shops are newer—and the people different. Each day seems to give a new shake to window kaleidoscopes in the stores. The delicatessens try to outdo each other in gaudy displays—sausage, cheese, pickles, jams and what not fashioned into automobiles, country homes and subway kiosks. Every other store has its circulating library and the drug stores have red and green lights and really sell drugs. Baby carriages crowd the paves, and the young girls actually go out of evenings with mamma and papa. Apparently not ashamed of anything. And they have any number of little cheese shops—dealing exclusively in cheese, imported and domestic. The butchers wear cleaner aprons than they do

downtown, and their cheeks are ruddier. The movies go in for clean western drama of "the dirty work on the border" school and heart-throbbing films of simple lassies who foil the villain at the last spin of the reel.

The Light That Didn't Fail. From out of Maryville comes the story of a light that didn't fail. The Tribune reports that when a large negro was taken before a judge charged with the crime of carrying a half-brick concealed about his person, he got off scotfree when he explained that he merely wore it to light his matches on when he wanted to smoke.—Missouri Notes, Kansas City Times.

Social Cultivation. A friend is one whose acquaintance has been cultivated. To obtain good results, his faults should be plowed under and his feelings never harrowed.—Boston Transcript.

Horticultural Hints

NITROGEN OF MUCH BENEFIT

Any Light Color on Foliage is Indication of Need of Fertilizer for Trees.

Increased prices and increased crops are in store for the fruit growers who apply nitrogen to weak trees with light green or yellowish foliage. If the trees in orchards bearing heavy crops are not making a strong growth this year, they may not be able to size up the fruit and set strong buds for next year unless a little additional stimulation is given, advises the New Jersey agricultural experiment station.

As lack of nitrogen is generally the limiting factor in orchard soils, the influence of this fertilizer is felt almost immediately by fruit trees. On healthy peach and apple trees the foliage should be dark green, and any general light color on the foliage is usually the first indication of the need of this fertilizer. It may be applied at any time that the trees show need of it.

The usual recommendation on average apple soils is for the application of from 150 to 200 pounds of nitrate of soda and 400 to 500 pounds of acid phosphate, and on light soils 100 pounds of nitrate of soda in the early summer if the tree has a large crop and the foliage shows need of it. This supplementary application should be made now where needed. A part or all of the nitrate requirement may be furnished by manure at the rate of 8 to 12 tons per acre in the early spring, or by the use of sulphate of ammonia in quantities 25 per cent less than nitrate of soda.

In peach orchards the same amounts of fertilizer are used. If the trees are very vigorous, a part or all of the nitrate is often withheld until after the fruit is set. In the case of weak trees it is well to apply it as the buds swell, when it will cause a larger percentage of the fruit to set, and force the trees into early, vigorous, healthy growth.

Heavy applications of nitrogen have their drawbacks. They frequently lower brightness of color somewhat and delay ripening a few days. Some growers use it for this latter purpose, especially on Elberta, in order to prolong the season.

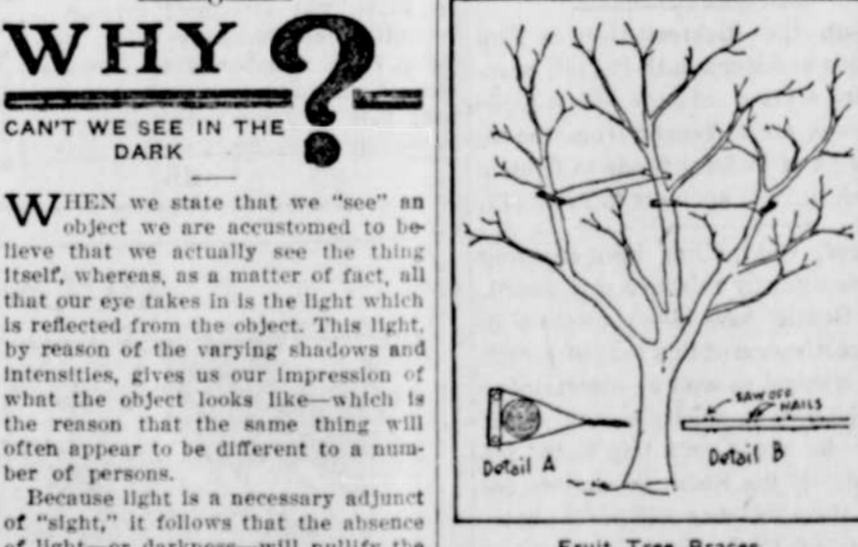
Nitrate of soda in proper quantities is also beneficial to young trees. Enough should be given to force them into a vigorous growth, and early enough so that the wood will ripen well in the fall.

When nitrate is applied, it may be broadcasted in orchards in which the trees cover the ground well, but if the trees are far apart it may be applied to the tree, being scattered well out under the spread of the branches. Growers are advised by the experiment station to examine their orchards and make immediate applications if necessary.

STRONG FRUIT TREE BRACES

By Binding Limbs Together Breakage of Limbs Can Be Avoided—Easy to Make.

The breakage of overloaded limbs can be eliminated if the limbs are bound together, writes J. B. Byberg in Orchard and Farm. Effective braces may be quickly made from strips of wood, reinforced by nails (Detail B), and cut into suitable lengths. Stretch wire between and tighten by twisting with iron rod. Detail "A" shows that only a small portion of the limb comes in contact with the brace, thereby permitting good circulation. The braces need not be removed after once put on. They save the work and time of handling spaws twice a year and do not hinder cultivation as do the props.



Eternal Vigilance Pays Well. The market is never glutted with fruit that's carefully grown, packed, graded, and marketed. Eternal vigilance is the price of orchard profits, which in turn depend on the percentage of perfect fruit.

Must Control Pests. There is no use in expecting the orchard to yield good fruit unless insect pests and fungus diseases are controlled by spraying.

Standard Lime-Sulphur. Standard lime-sulphur spray is made of a mixture of one pound to five gallons of water.

Returns From Strawberries. Surprising returns are received from strawberries where they are properly handled.

IMPROVED ROADS

GREAT SYSTEM OF HIGHWAYS

Scheme Being Worked Out by Federal and State Authorities to Surpass Other Countries.

(Prepared by the United States Department of Agriculture.) A system of highways that will serve the whole country and will be far superior to any other in the world is being mapped out by federal and state engineers. It is estimated that the system will comprise 180,000 miles of road. The federal highway act recently enacted specifically requires that all federal aid be spent on a connected system of highways consisting of not more than 7 per cent of the road mileage in each state, and that this system shall consist of interstate or primary roads and intercounty or secondary roads.

Proposed systems have been received by the bureau of public roads of the United States Department of Agriculture from all but eight states. They are plotted on a large map of the United States and carefully examined



An Improved Michigan Highway.

as to co-ordination with the roads of adjacent states and service to all sections of the country. Where co-ordination is not satisfactory conferences are held with all interested state highway officials and routes adjusted.

Many states have already adjusted difficult problems with their neighbors. As an example the system sent in by Nebraska showed a big gap in an important road along the northern boundary. It was learned, however, that South Dakota would follow with a system that would fit like pictures on toy blocks. Since the federal highway act of last November became a law, only roads certain to be on the system have been approved for construction

MUCH LOWER BIDS ARE MADE

According to Reports to Bureau of Public Roads Prices Will Be Greatly Reduced.

Early bids for the construction of federal-aid roads indicate that prices during the coming season will be materially lower than last season, according to reports received by the bureau of public roads of the United States Department of Agriculture. While bids have not been received on any large volume of work, there is, however, enough to indicate a lower level of prices.

Grading has been bid at 20, 23 1/2 and 30 cents a cubic yard in Missouri, Arkansas and Minnesota, respectively, as compared with an average of 35 cents for the section in which these states are located in 1921.

Prices of reinforcing steel in place range around 6 cents as compared with the 1921 price of 8 or 9 cents, and bridge steel at 4 1/2 cents against 7 to 8 cents.

A few bids, for the best grade of concrete, of about \$17 a cubic yard have been received in sections where the 1921 price was about \$25 a cubic yard.

Prices bid for the construction of concrete roads per square yard are as follows: Ohio, \$1.52; Colorado, \$2.27, and Georgia, \$1.38, as compared with an average for the whole country during the period 1916-1920 of \$2.57 a square yard.

FEDERAL-AID ROAD PROJECTS

Total Mileage Under Construction in May Amounts to Nearly 15,000 Miles.

Federal-aid road projects totaling 603 miles in length were completed and 541 miles went under construction during May, bringing the total under construction to nearly 15,000 miles and the mileage in completed projects to 17,038, according to reports of the bureau of public roads, United States Department of Agriculture. These figures indicate that the federal-aid system grew at a rate of more than 20 miles per day on each working day of the month. Allotments of funds to definite projects amounted to \$7,828,000 during the month.

Mark Set for 1922. Three hundred and fifty thousand miles of improved highways, extending through every state in the Union, is the mark set for the summer of 1922.

Kicks Would Pave Roads. If we could cash in the kicks we make on poor roads, we would soon have them all paved.

Tuberculosis the Worst Enemy. Tuberculosis in poultry causes greater loss than among cattle.

WILL ANSWER ANY WOMAN WHO WRITES

Woman Restored to Health by Lydia E. Pinkham's Vegetable Compound Makes This Offer

Cumberland, Md.—"My mother gave me Lydia E. Pinkham's Vegetable Compound when I was between thirteen and fourteen years old and was going to school, because I suffered with pains and could not rest. I did not have any more trouble after that until I was married, then I always was troubled in my back while carrying a child and could not do my work until I took the Vegetable Compound. I am strong, do all my washing and ironing and work for seven children and feel fine. I always have an easy time at childbirth and what it did for me it will do for other women. I am willing to answer any woman if she will write asking what it did for me."—Mrs. JOHN HEIER, 63 Dilley St., Cumberland, Md.

During girlhood and later during motherhood Lydia E. Pinkham's Vegetable Compound brought relief to Mrs. Heier. Her case is but one of many we constantly publish recommending our Vegetable Compound. She is willing to answer your letter. Write to her.

Shave, Bathe and Shampoo with one Soap.—Cuticura

Tibetan Remedies.

A Tibetan remedy for pains due to severe cold is the eye of a sheep mixed with fat and rubbed on the affected part. Centipede-skin plasters and dressings of fried mutton fat with chopped onions are also used by the mountaineers in Tibet for the same purpose.—Brooklyn Eagle.

Advertisements of Old.

Advertisements were in vogue in ancient Egypt, Greece and Rome. On the walls of Pompeii have been found announcements of gladiatorial shows, with rough pictures of favorite gladiators, etc., anticipations of the modern poster.

Cuticura Soap for the Complexion. Nothing better than Cuticura Soap daily and Ointment now and then as needed to make the complexion clear, scalp clean and hands soft and white. Add to this the fascinating, fragrant Cuticura Toilet Trio.—Adv.

Kongo Diamonds.

There are diamond fields in the Belgian Kongo which in 1910 produced 200,000 carats, and it is estimated that the field will yield about this quantity annually in the future.

Two Kinds of Freedom. There are two freedoms—the false, where a man is free to do what he likes; the true, where a man is free to do what he ought.—Charles Kingsley.

Good Will, Great Need.

Good will that lacks action is like faith without works. Thinking well needs doing well to bring results. The main trouble these days is there is too much thinking and too little doing, for the whole world is crying for good willlessness carried to practical results.—Grit.

Only Safe Road.

Accident does very little toward the production of any great result in life, though sometimes what is called "a happy hit" may be made by a bold venture. The common highway of steady industry and application is the only safe road to travel.

What She Wanted.

At the post office a little girl deposited a dime in front of the clerk and said: "Please, I forgot the name of the stamp mamma told me to get, but it's the kind that makes a letter hurry up."—Boston Transcript.

Credit Must Be Immaculate.

Credit is like a looking-glass, which, when once sullied by a breath, may be wiped clear again; but if once cracked can never be repaired.—Walter Scott.

Red Cross BALL BLUE

is needed in every department of house-keeping. Equally good for toweling, white linen, sheets and pillow cases.

Are You Satisfied? BEHNKE-WALKER BUSINESS COLLEGE is the biggest, most perfectly equipped Business Training School in the Northwest. Fit yourself for a higher position with more money. Permanent positions assured our Graduates. Write for catalog—Fourth and Yamhill, Portland.