

FIVE TONS TO THE ACRE

LOGANBERRIES PROFITABLE IN THE WILLAMETTE VALLEY.

Net Growers Two Hundred Dollars An Acre—Publicity Needed for This Growing Industry.

Harlan David Smith, in the Fruit-Grower and Farmer, a Missouri publication, gives some interesting information regarding loganberry culture in the three Pacific coast states, where they are most extensively raised. The "story" contains much of local interest, this section of the Willamette valley being particularly adapted to loganberry culture. It is in part as follows:

A carload of evaporated loganberries left a point in Oregon a few years ago, sold to Eastern buyers for \$12-148. Some fruitmen said this was the highest price ever received for a car of fruit from the Pacific coast. That may or may not be true. The point that presses is that in addition to carrying a very valuable cargo of a much-maligned fruit, and carrying it in such a condensed form that freight costs were reduced to a minimum, this car of evaporated loganberries, and other shipments that preceded it, took out of the Pacific northwest that epidemic of loganberry "melancholia hysteria," or something of the sort, which came near blighting the ambitions of this admirable little berry.

The evaporation process had proved that there was something good in the loganberry after all, something remarkably good, apparently, and growers who had been madly pulling out their vines and plowing under their berry fields paused to give the new method a trial. It was the lesson of the prune that saved the day for loganberries in the northwest. How this fruit underwent a similar period of bad repute and exile a few years before, finally emerging all gloriously—a "plum" vindication—and how it now claims distinction as the most profitable crop in that region, next to apples, is a story now pretty well known.

To the far-seeing farmers the loganberry slump was in the main, a repetition of the prune experience. So, when the local markets became glutted in 1903 with the new berry, which had leaped into popularity because it was easily grown and yielded remarkably, these experienced fruit men, aided by agricultural college experts, set about to find new ways and new forms in which to place this prolific fruit on the market. They kept their heads and their berry fields and worked and hoped for better times.

But there were many to whom the fall and rise of the prune taught no moral. They couldn't see the connection. They mistook faulty marketing for a faulty product, and out came the thrifty berry plants by the roots. Hundreds of acres of loganberries, in the prime of their bearing, were destroyed and supplanted by other crops. Most of the growers, in fact, succumbed to the general despondency and quit the new hybrid.

The trouble was, the loganberry wouldn't stand shipping. It was too soft a berry to endure much travel. Canning, up to this time, had not been successful commercially, because plain tin, instead of enameled cans, had been used. The only outlet, apparently, was the sale of the fresh fruit on the local markets. These, of course, soon became glutted with the rapidly increasing yields.

Two growers living near Salem—W. H. Claypool and E. W. Powers—evaporated their loganberries in prune driers in 1908. Powers shipped his product to Aberdeen, South Dakota, receiving 22½ cents a pound for it. At that price a loganberry field yielding five tons to the acre—an average crop—would give a gross return of nearly \$400 an acre; one pound of evaporated product being the equivalent of five to five and one-half pounds fresh. There were calls for more of the dried berries. Every sale brought a repeat order. Growers who had stood pat during the waiting period, ignoring the luscious, red berries, now began picking again. Carloads of evaporated berries soon were being shipped, and instead of declining under the onslaught, prices increased. The loganberry had arrived. This was the beginning of the loganberry. Today it goes incognito to all parts of the United States—as a dried fruit, as a beverage, as a canned fruit, as jams, jellies, vinegars and wines. It was even shipped fresh as far as Chicago last year, arriving in good condition, because it was picked and packed very carefully. In these forms, several of which have yet to be perfected and standardized, the large output of this berry, increasing by hundreds of acres every year, is being handled today.

The Willamette Valley of Oregon produces probably four-fifths of all the loganberries grown. The total acreage devoted to this crop can only be approximated as several thousand, one co-operative association in Oregon representing 800 acres. During the 1912 season the demands for evaporated loganberries from Chicago and other eastern buyers couldn't be supplied. For the first time buyers came to the co-operative associations and even to the growers individually, offering unprecedented prices. The season's product was sold at an average price of 22½ cents a pound.

Planting began in earnest again. Eight years ago a five-acre field was considered a large planting. Now twenty and twenty-five acre fields are not regarded as especially large; many are much larger. Aspinwall Brothers of Brooks, Oregon, have eighty-five acres in loganberries. The expense of evaporation was greatly reduced by the fact that many farmers were equipped with prune driers, which

could be used equally as well for berries.

The loganberry offered particularly attractive characteristics for juice manufacture. Tests showed that the juice content ran as high as 80 per cent. Pound for pound, that exceeds the per cent of juice in the grape by 15 to 17 per cent. It is easy to make the juice and it does not deteriorate when prepared and bottled properly. The manufacture of the juice began on a small scale; a few growers, individually, and the co-operative associations giving over small portions of their berries for trial lots. Last year was the first season any considerable amount was made. The Salem Fruit union, a farmers' co-operative association, made 2,500 gallons, and it sold quickly. The manager said double that amount could have been disposed of easily. This first batch advertised itself in many parts of the country as a result of which the Salem association has received business queries ever since.

The Salem association, which represents 800 acres of loganberries in the North Willamette valley, in addition to a large acreage of prunes, apples and other small fruits, handled about \$70,000 worth of loganberries last year. This was exclusive of the 2,500 gallons of juice. Approximately 825 tons, fresh, were evaporated, and nearly sixteen cars of the fresh fruit, at 75 cents a twenty-pound crate, were sold. The evaporated product sold slowly after war was declared, many agreements being disregarded on that account, but in January it began moving faster at 20 cents a pound, the price held out for during the fall.

J. J. McDonald of Salem sold all his evaporated product three years ago, for 25 and 26 cents a pound. Up to last season he had never sold for less than 22½ cents. Besides his own he has dried for a number of loganberry farmers in his vicinity for five or six years. He said: "I have always dried my berries regardless of what the price fresh has been. If they are dried, I do not have to put them on the market at any certain time to save them. They will keep. If anything happens at the cannery and it becomes overstocked for a day or more, the fresh berries have to be dumped out, as they mold very soon in crates. I have not lost one crate of berries since I began drying."

"It pays to dry, even at 20 cents a pound. Nothing will pay as well on the same amount of ground. Five tons to the acre will give one ton dried. At 20 cents a pound, that makes \$400 a ton, or \$400 an acre. Figuring one-half for expenses, that leaves a net profit of \$200 an acre. Then there is some profit in the sale of tips or young plants, which bring \$10 to \$20 a thousand. In 1912 I sold 24,000 or 25,000 plants, and in 1913 about 40,000, some going to Washington, up on the Sound, and some to Los Angeles. And that isn't a sprinkling to the number that have been sold from other places."

"The manufacture of the juice will help greatly to keep up the loganberry industry. In the near future this will be used extensively and will be far ahead of grape juice. The only thing is to get it introduced."

POSTMASTERS TO ORGANIZE.

Uncle Sam's Mail Handlers Will Convene in Portland.

The postmasters of Oregon will gather in Portland, June 9, 10 and 11 during the Rose carnival to form an association. Postmaster Fiske received a strong invitation from F. S. Myers, Portland postmaster, who is behind the movement. According to Mr. Myers' letter, the convention will convene at 8 o'clock on June 9 at the Portland hotel, when the organization will be formed and officers elected. On Thursday forenoon, June 10, a business session will be held, after which auto rides about the city and on the Pacific highway will be provided. On Friday evening a big banquet will be served at the Hotel Portland and the principal speakers will be Senators Chamberlain and Lane. The program of the convention is so arranged that the postmasters may take in features of the Rose festival.

Bar Is Causing Trouble.

The Willamette river is again receding and is expected to drop back to a very low stage soon. The river boats are experiencing much difficulty in crossing Eola bar and a movement may soon be taken to secure an appropriation for installing either a wing dam or locks. The larger part of the winter navigation is easy, but during the summer and fall it is spread over too much territory to allow navigation. Thousands of dollars are spent annually at this point and according to several good authorities if the money spent for snagging was used in building either a wing dam or locks the result would be much more desirable.

Beer Oozes From Suitcase.

Charles E. Ford of Sheridan went to Corvallis to witness the cadets drill, taking with him in a suitcase a quantity of bottled beer from Independence. Charles set the suitcase down upon the sidewalk and some fellow bumped into it, breaking a bottle. The brown beverage oozed from the receptacle, and a cop nabbed the visitor and haled him before a magistrate, who assessed him \$10 and costs for having a prohibited article in his possession.

Don't fail to see the new Middy Blouses for Ladies and Misses at The Bee Hive Store.

Quite a number of Dallas people attended the circus in Salem yesterday.

SOME TELLING FLY DOPE

ELEVEN FLIES PER MINUTE RECORD OF HODGE'S BAIT.

State University Experiment Shows Effectiveness of Homemade Preparation.

A bait that in twenty minutes caught 220 flies demonstrated its superiority over four other kinds of bait in an experiment conducted by the University of Oregon extension division for the benefit of the many communities in Oregon that are conducting fly fighting campaigns this spring. The bait that won can be made in a few minutes on any farm or in any household at an expense of two or three cents. The formula for it is as follows:

Make a bran mash mixed very wet with waste potato water and skimmed milk, and sweetened with molasses or brown sugar. Put in plenty of active yeast so that the mash will ferment furiously.

This mash put into a properly constructed wire fly trap so that the flies cannot get at it from the outside will attract the pests from almost any other food in the neighborhood.

In the experiment the following five baits were put into competition:

- 1. Ordinary table syrup.
2. Decayed banana.
3. Canned salmon that had been exposed to the sun until tainted.
4. Tainted crab.
5. The mash described above.

Each of these five preparations was put into a trap and the traps were set outside at a fly rendezvous near a slaughter house. At the end of 20 minutes the catches were as follows:

- Bait No. 1—Four flies.
Bait No. 2—Ten flies.
Bait No. 3—Twenty flies.
Bait No. 4—Thirty-nine flies.
Bait No. 5—Two hundred and twenty flies.

"I think a properly constructed trap baited with the fermenting mash will catch every hungry fly within a block if the day is warm and sunny and the flies can get into the trap readily," said Dr. C. F. Hodge, professor of social biology at the University of Oregon. "Honey mixed with this bait adds to the cost and probably does not make it any better. There are baits that will draw flies even better than this mash but they are too offensive to describe and too dangerous to use. The discharges from open sores of animals are one type. The character of the foods that flies delight in show how great a menace to mankind the fly really is."

Flies love a variety. In a brewery a trap should be baited with milk; in a dairy with beer. The fermenting mash probably attracted so large a number in competition with the tainted crab because the experiment was tried near a slaughter house where the flies had been glutted with animal food.

Mayor Kirkpatrick Recovering.

Mayor E. C. Kirkpatrick, ill at the Imperial hotel in Portland, is rapidly recovering and will be able to return to Dallas with a few days.

LOCAL NEWS.

F. E. Kersey has in his employ an expert candy maker and invites the public to try his goods.

Some of his specialties are: Log Cabin creams, Oregon nugat, peppermint chews, Mt. Hood nugat, Turkish nugat, milk taffy, almond butter, cream wafers, opera creams, milk dipped chocolate, fog rolls, opera cream bars, English fudge, cream caramels, Geneva cream, cream paddies, cream chews, fruit nugat, cinnamon chews, Bologna sausage.

S. C. Brown Leghorns, Barred Rocks, Mottled Anconas, Runner ducks, Pure White Runner ducks, eggs, day old chicks and ducklings, Wm. F. Lee, Falls City, Ore. 15-22x

Order your tomato plants from W. R. Tapscott, phone Dallas 1143. 92-tf.

Farm loans: five years time with optional payments at current rates of interest. Write for information, Oregon Title & Land Credit Co., 209 U. S. National Bank building, Salem, Ore.

Try Kersey's home-made candies, manufactured on the spot by a professional candy-maker. Absolutely pure. 15-tf.

Screen doors and window screens, Dallas Warehouse & Manufacturing company, Barham & Son, proprietors.

There is more to hair cutting than merely cutting off the hair. Try us for an up-to-date stylish hair cut.—C. W. Shultz. 13-tf.

Try the Imperial Hotel, homelike, every convenience, first-class board and room, \$6.50 and up. 19-tf.

Dr. Rempel, Chiropractor, 513 Church Dr. Stone's Heave Drops cures heaves. Price \$1, for sale by all druggists.—Adv. 79-tf.

Our Abstract plant is posted to date every morning from Polk County records. Brown-Sibley Abstract Co., John R. Sibley, manager. 94-tf.

If you have a sweet tooth try Kersey's home-made candies. The best ever. Guaranteed to be absolutely pure. 15-tf.

See Van Orsdel and Manston for old line fire insurance—the Queen, Liverpool, London & Globe, company 13. The oldest and best on the coast. John R. Sibley, lawyer, 610 Mill street. 94-tf.

Manufacturing company, Barham & Son, proprietors.

Our entire line of Children's Summer Coats at a price that will take them away in a hurry. Pongee, White Serge and other materials in values to \$4.00, now at \$1.49. The Bee Hive Store.

Dr. C. L. Foster, dentist, City Bank building, Dallas. 73-F. Children's Parasols, 19c., 25c., 39c., 49c. to 98c. The Bee Hive Store.

An Interesting Lecture.

An interesting and instructive discourse was that delivered at the Star theater Tuesday evening by Mr. J. P. McPherson of New York City under the auspices of the local branch of the International Bible Students' society. The playhouse was filled to capacity, notwithstanding the fact that only short notice of the lecture had been given. The topic under discussion was, "After the War, What?"

Mrs. Walter Tooze, Jr., and Miss Naida Scott, both of whom suffered ptomaine poisoning at Falls City last Saturday night by eating canned shrimp, have recovered from the effects thereof.

BULLETIN

ONE CENT A WORD, 'PHONE 19.

The charge for advertisements under this head is one cent per word for each insertion. No discount for successive issues. If you have anything for sale or exchange; if you want to rent or lease a house or business building; if you want help or a job of work; if you have lost or found anything; if you want publicity of any kind, try this column. You are sure to get results—others do, why not you. Telephone your "want ads." or address all communications to The Observer, Dallas, Oregon. Count the number of words to remit with order. Telephone No. 19.

WANTED—To sell on place first-class second growth cord wood. Apply Anne Ladstock, Phone 1602. 19-tf.

LOST—A grey mare, weight about 900 pounds, last seen between Dallas and Falls City. Please pasture and notify F. C. Thomas, Rocca, Ore. 22-2t.

ESTRAY—A dark bay mare came into our enclosure, east of Fern Station, which animal the owner is requested to call for, pay charges, and take away. Phone A. D. 25.

FOR RENT—Nice newly furnished 3-room apartment; bath, electric light, \$12 a month. Apply Imperial hotel. 20-tf.

FOR SALE—Empire cream separator No. 43, 650 pounds capacity; nearly new. Davis & Horn. 19-tf.

FOR SALE—Hay, at Derry warehouse. Address H. W. Thirlsen, Independence, R. F. D. 1, or call at Thirlsen farm, Rickreall. 19-tf.

FOR RENT—Modern five-room house. Inquire Bollman & Staats. 18-tf.

FOR SALE—Nice light buggy as good as new, price \$30. Cost \$135. Have no use for it. F. K. Hubbard, Falls City.

FOR SALE—Gasoline range, 3 burner, \$10. Davis & Horn. 19-tf.

FOR SALE—Matthews' New Universal combined hill and drill seeder. No. 22; nearly new. Price \$9 at Davis & Horn's.

FOR RENT—Three-room apartment, newly furnished, bath and electric light. Apply Imperial hotel. 20-tf.

WANTED—Machine, cast and stove plate iron, brass and copper, zinc and rubber, and rags of all kinds; in fact, junk of all kinds. A. N. Hallbeck, Monmouth, Oregon. 8-tf.

FOR SALE—Complete clover hulling outfit. Apply at The Observer office. 8-tf.

FOR SALE—One 5-horse kerosene engine; excellent condition. Guaranteed. A bargain. Dallas Warehouse company, Barham & Son, proprietors. 6-tf.

WANTED—Your lame horses to shoe. Williams, the horseshoer, Monmouth, Oregon. 8-tf.

WANTED—Carpet cleaning and window washing, both business and residence. Milo V. Woods, phone 1173 or 1092. 11-tf.

FOR SALE—Light driving horse, of will trade for motorcycle. Apply to L. V. Macken, city. 18-tf.

FOR RENT—First-class furnished housekeeping rooms at 818 Levens street. Phone 774. 19-tf.

FOR SALE—2¼ acres, well improved, good land, one mile from town, good road. Will take city property in part payment, terms on part. Fred E. Wells, Dallas, Ore., R. R. 2. 19-tf.

WANTED—Milk customers for rich milk from four fresh cows; 5 cents quart or \$1.80 per cwt. Deliver twice a day. Phone Brown 152. Florence M. Bird. 19-2t.

FOR SALE—Good dry summer cut second growth fir and oak wood, will sell in woods or deliver. I. L. Smith, phone 1494. 22-91-x

ORDER TO SHOW CAUSE.

In the County Court of the State of Oregon for the County of Polk.—In the Matter of the Guardianship of the Estate of Irene Westfall, a Minor Child.

It appearing to this Court upon the verified petition this day presented and filed by Mary F. Westfall, the guardian of the Estate of Irene Westfall, minor child, praying an order of sale of certain real estate belonging to her said ward, viz: An undivided one-ninth interest in and to the following described real premises, to-wit: Lots 1, 2, and the E. half of lot 3, in Block 3, in Catron's Sub-division of Out Lot Number 5 in Monmouth, Polk County, Oregon.

That it is necessary and would be beneficial to said ward that such real estate should be sold; on motion of Walter L. Tooze, Jr., Esq., attorney for the said guardian.

It is hereby ordered that the next of kin of said ward, and all persons interested in the said estate, appear before this Court on Tuesday, the 1st day of June, 1915, at the hour of 10 o'clock a. m., at the Court Room of this Court, in the County Court House in the City of Dallas, in Polk County, State of Oregon, then and there to show cause, if any they have, why a license should not be granted for the sale of such estate.

And it is further ordered that a copy of this order be published at least three successive weeks before the said day of hearing in the "Polk County Observer," a newspaper of general circulation, printed and published in Dallas, Polk County, Oregon. Dated April 26th, 1915.

J. B. TEAL, County Judge. A true copy: WALTER L. TOOZE, JR., Attorney for the Guardian. May 4-25

SHERIFF'S NOTICE OF SALE IN EXECUTION OF FORECLOSURE

Notice is hereby given that by virtue of an execution issued out of the circuit court of the State of Oregon, for Polk county, on the 4th day of May, 1915, and to me directed upon a judgment which was enrolled and docketed in the office of the clerk of said court on the 17th day of April, 1915, in a certain suit then pending in said circuit court wherein I. Mendelsohn was plaintiff and George A. Looney and Clara Looney, his wife, were defendants, a judgment was rendered in favor of the above named plaintiff and against the above named defendants, George A. Looney and Clara Looney, his wife, for six hundred eighty-seven and fifty one-hundredths (\$687.50) dollars, with interest thereon from said 17th day of April, 1915, at the rate of seven (7) per cent per annum, and the further sum of twenty-two and fifty one-hundredths (\$22.50) dollars costs of suit and accruing costs; and whereas it was further ordered and decreed by said court that the following property should be sold by me to satisfy said execution, I will on Saturday, June 5, 1915, at the hour of one (1) o'clock p. m. of said day at the front door of the court house at Dallas, Polk county, Oregon, sell at public auction to the highest bidder for cash in hand on day of sale, all the right, title and interest and estate which said defendants or either of them have, and all persons claiming under them have in or to the hereinafter described premises, and every part thereof. Said property is described as follows:

Lot one (1) tract "D" containing 4.46 acres, in Monmouth Walnut Tract, more particularly described as lot one (1) tract "D" of the southwest quarter, of the southeast quarter, of section thirty-one (31), in Township eight (8) south, range four (4) west of the Willamette Meridian.

Said sale being subject to redemption in the manner provided by law and as provided in said decree. Dated this 8th day of May, 1915.

JOHN W. ORR, Sheriff for Polk County, Oregon. May 8-June 4.

NOTICE OF FINAL SETTLEMENT. Notice is hereby given, that Conrad Staffin, the administrator of the estate of W. H. F. Manston, deceased, has filed his final account as such administrator in the County Court of the State of Oregon for Polk County, and that Wednesday, the 9th day of June, 1915, at the hour of ten o'clock in the forenoon of said day, at the Courtroom of said County Court, in the Court House in the city of Dallas, Oregon, has been appointed by said Court as the time and place for the hearing of objections to the said final account and the settlement thereof.

Dated and first published, May 11, 1915.

CONRAD STAFFIN, Administrator aforesaid. OSCAR HAYTER, Attorney. M.11-J.8

NOTICE TO CONTRACTORS. Notice is hereby given to whom it may concern that bids will be opened by the County Court of Polk County, on Friday, the 21st day of May, 1915, at 2 o'clock p. m., for the crushing and putting in the bunkers at the Spring Valley quarry of 1500 yards of rock, more or less, according to specifications on file in the office of the County Clerk. Also for hauling and delivering same on county road at points to be designated by the Court. Furthermore, bids will be received for setting up crusher, building bunkers, and opening quarry.

The Court reserves the right to reject any and all bids. J. B. TEAL, County Judge.

NOTICE TO CONTRACTORS. Notice is hereby given to whom it may concern that bids will be opened by the County Court of Polk County, on Friday the 21st day of May, 1915, at 2 o'clock p. m., for crushing and putting in the bunkers at the Jim Rob-

erts quarry on Salt Creek, of 1200 yards of rock, more or less, according to specifications on file in the office of the County Clerk. Also for hauling and delivering same on county road at points to be designated by the Court.

Furthermore, bids will be received for moving and setting up crusher, building bunkers, and opening quarry. The Court reserves the right to reject any and all bids.

J. B. TEAL, County Judge.

SHERIFF'S SALE.

Under and by virtue of an execution issued out of the Circuit Court of the State of Oregon, for the County of Polk, on the 18th day of May, 1915, upon an order of sale and decree of foreclosure given and made by said Circuit Court on the 5th day of May, 1915, in a suit then pending in said Court wherein Theodoro Lenzele, was plaintiff and Mrs. B. McN. Moore, J. M. Hansmaier, George O. Sloan and Daisy A. Sloan, were defendants, (Register No. 4628) and to me, the undersigned, Sheriff of the County of Polk, directed, I am commanded to sell, at public auction in the manner prescribed by law, the following described real property, to-wit:

The Southwest quarter (¼) of Section fourteen (14) the North half (½) of Northeast quarter (¼) of Section Twenty-two (22) and the North half (½) of the Northwest quarter (¼) of Section Twenty-three (23), all in Twp. 7 South Range four (4) West of W. M.

Notice is hereby given that on Saturday, the 19th day of June, 1915, at one o'clock p. m. of said day, at the front door of the County Court House, in the city of Dallas, in Polk County, State of Oregon, I will, in obedience to said execution and order of sale, sell the above described property, to the highest bidder, for cash, in lawful money of the United States, in the manner prescribed by law.

Dated this 18th day of May, 1915. JOHN W. ORR, Sheriff of Polk County, Oregon. S. M. ENDICOTT, Attorney for Plaintiff. M21-118

Back Again.

With the latest photographic ideas from the city. Studio open every day. I have some new lines of photos at astonishingly low prices, while times are quiet. 19-tf. STONE, Photographer.

Do You Know

That we have opened a butcher shop in the old Lewis building at Airlie? Well we have, and we want to get acquainted. Call and see us. And don't forget to watch this space. It will pay you to do it.

Airlie Meat Market

C. W. SPRING, Proprietor. Airlie, Oregon.

City Transfer

W. R. COULTER, Proprietor

The world moves itself; We move anything else

Piano and Furniture Moving a Specialty

Stand—Kersey's Confectionery. Phone 1061

Residence Phone 1202

BICYCLE RIDERS ATTENTION

Do you realize that this is the beginning of the season for riding bicycles. The man who has his wheel overhauled in early spring economizes for the reason that he accomplishes two things at one cost of labor—his bearings properly clear and oiled—bad bearings replaced at same time (if any) at practically one cost. Otherwise one thing goes wrong here, another thing there at different times which makes it inconvenient for you and also adds to cost of repairs. We are well prepared to meet your demand in this line. Work guaranteed. Bicycles from \$22.50 to \$45.00. Tires from \$4.50 to \$10.00 per pair. Bicycle and motorcycle sundries, baseball and athletic supplies. Indian motor cycle agency.

L. B. NIXON, JR.

315 Main Street.