

# Lewiston Orchards Life

AN EXPONENT OF PROGRESSIVE HORTICULTURE AND THE SUCCESSFUL RURAL COMMUNITY

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## Possibilities of Road Improvement in Lewiston Orchards

THE great privilege that the people of Lewiston Orchards enjoyed in the visit, Oct. 6, of Samuel Hill, the eminent good roads advocate, is likely to bear fruit in a very practical way. While the sentiment here in behalf of roads improvement is strong and united, it needed the definite, authoritative observations of Mr. Hill to focus all forces toward a practical end.

Mr. Hill is probably the best road builder in the world today. He is the builder of some of the best roads ever known in any land or any age, built to last for all time; durable, dustless, easy to travel, beautiful highways. These he has constructed at a cost of \$10,000 a mile or less than one-half the cost of dirt roads of inferior character in some places. It was therefore welcome news to the people here to be assured by Mr. Hill that similar good roads could be constructed in Lewiston Orchards for \$4,000 a mile, as excellent rock material is close at hand and the preparation of the road bed is a comparatively easy problem.

Mr. Hill's suggestion has since led to an estimate that forty miles of such roads as he proposed would cost \$160,000, covering all the leading east and west streets in the orchards. As a matter of fact, it is said that 34 miles will cover all east and west roads. This amount assessed against 8,000 acres would be \$20 an acre, or \$100 for each five-acre tract. Were bonds issued to cover this, running over a period of twenty years, the annual cost, aside from the interest, would be only one dollar an acre, while the increased value of the property would be easily \$100 an acre, and probably much more. The very light burden thus distributed would be paid for by the bearing orchards of future years.

The cross streets, with lighter travel, as Mr. Hill indicated, could be paved with less expensive material. He advocates for the best roads a macadam foundation, with a binder of bituminous material, using crude oil, the materials being united under heat and pressure in a way that results in a resilient surface,

impervious to moisture and always clean.

Such roads would be the one needed element to make Lewiston Orchards a model community in every respect. Mr.

beauty, not alone for their traffic importance, but largely for the influence they exert in bringing about a better, a more satisfactory, a cleaner life.



Spitzenburg Apple Tree, Five Years Old, in Orchard of F. D. Webb

Hill observed that road improvement was the only thing lacking to make the orchards an ideal district, as he declared that good roads are needed not for their

Mr. Hill kindly invited the good roads delegation from the Orchards to visit his home place, Maryhill, Wash., for an  
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## Community Life in Lewiston Orchards

### HOME HAPPENINGS.

Arthur F. Lewis expects to soon begin building.

John L. Geer is building a residence on Grelle avenue between Twentieth and Twenty-first streets.

C. A. Woodmansee and family arrived several days since from Chicago and are occupying the pretty bungalow on Bryden avenue.

Mrs. F. B. Gano was injured by a fall down a cellar way, at her home Sept. 27, but has been rapidly recovering from the effects of the accident.

Early this month the Relief reservoir was emptied and given its annual cleaning, all weeds and refuse being scraped and removed from its bottom.

Dr. D. W. Cram is duly elated at the fact that he was awarded the prize for the biggest apple at the Lewiston-Clarkston fair, a giant of the Alexander variety.

As an October apple the McIntosh Red has many strong advocates who claim that for tenderness and for delicacy of flavor it rivals the Fameuse or Snow.

Harry Tondevoid has begun the erection of a residence on Bryden avenue between Ninth and Tenth streets, on the tract which he purchased from F. W. Sharp.

Premiums on plate exhibits of apples at the Lewiston-Clarkston fair were taken by G. E. Ames, S. Badger, H. H. S. Rowell, D. R. Macdonald and J. L. Klapp.

Rev. E. A. Munger, pastor of the First Congregational church of Pasco, Wash., occupied the pulpit of the Lewiston Orchards Congregational church on the evening of Oct. 6.

P. H. Mullarky estimates his peach crop on ten acres at over fifty tons, of which he marketed thirty-five tons, disposed of four tons in other ways and had fifteen tons go to waste.

Since P. W. Green became a resident of the Orchards, the school children watch for his auto and sometimes load it to the limit, as many as twenty-six "kids" filling it at times.

L. A. Blackman received the award for the best three-box display of Jonathans at the Lewiston-Clarkston fair. He also took premiums on three plates of apples and one of pears.

P. H. Mullarky suffered a bad fall from his wagon not long since, when a loosened bur let a wheel off, but Mr. Mullarky has nearly recovered from the injuries received by his knee and wrist.

The new school house will be ready for use sometime this month. It is a substantial and beautiful structure. A view of the completed building will probably appear in the next issue of the Life.

September was an unusually cool month, but it closed and October opened with a period of beautiful Indian Summer weather. The first killing frost came Oct. 6, but no serious damage was done.

The first residence improvement on a "Save The Crops" tract was started this month by Robert S. Erb, who has a very sightly location on the brow of the hill, at the junction of Vineyard Boulevard and Fifth street.

At the packing house of the Lewiston Orchards Association, the work this month is confined to the packing of Tokay grapes, some late peaches and the winter apple crop. Some beautiful apples have been packed for exhibition at the fall fairs.

A. H. Duffie with his machine did good service for the Lewiston Orchards Association, during the rush of the peach packing season by the transportation of the peach packing girls to and from the city. A committee of Lewiston business men helped to find the packers.

The first carload shipment of grapes ever sent out of the Lewiston valley was shipped early this month, the grapes being chiefly of the Tokay varieties, from the Orchards and Schleicher vineyards, the car going to Chicago. Some smaller shipments of the same variety have also been made by the Lewiston Orchards Association.

An event of unusual interest was the visit of Samuel Hill, of Seattle, on Sunday, Oct. 6, when he addressed an audience at the church on the subject of good roads. Mr. Hill is the highest authority in this line, and his visit was of timely importance. The good roads committee of the Assembly has profited by a conference with Mr. Hill and will probably make a preliminary report at the next meeting, Oct. 21, as to road improvement plans for the future.

J. E. Butler, who occupied a booth at the Spokane Interstate fair with an exhibit from Lewiston Orchards, came

home loaded down with awards, having won about thirty premiums, including one of \$150 for the fourth best general display. He received six awards for apples, nine for grapes, and others for peaches, pears, onions, canteloupes, tomatoes and prunes. At the Lewiston-Clarkston fair, Mr. Butler won first prize for the best general display, also a number of other awards.

The number of telephone patrons in the Orchards will soon be more than doubled as the result of a movement now in progress. At a meeting on Sept. 30, twenty-two residents were reported as ready to take service and a committee of three, consisting of Messrs. H. A. Canter, H. C. Jackson and Storey Buck, was appointed to draw up an agreement to be presented at a later meeting. A line of poles will be run for three and one-half miles, from Eddy's place, on Burrell avenue and down Ninth street to Thain Road, thence to Eighth street and down Eighth street to the city limits. About 125 cedar poles will be used.

### HOSPITAL BOARD AUXILIARY.

The Lewiston Orchards auxiliary of the advisory board of St. Joseph's Hospital had a largely attended and very pleasant meeting with Mrs. F. B. Gano, Sept. 27. Considerable work was accomplished and refreshments were served. Those present were: Mrs. F. B. Gano, Mrs. Harriet Finney, Mrs. W. Eddy, Mrs. H. H. S. Rowell, Mrs. J. W. Haben, Mrs. Harriet Gano, Sr., Mrs. T. Keedy, Mrs. P. W. Clark, Mrs. P. H. Mullarky, Mrs. H. H. Smith, Mrs. Smith, Sr., Mrs. G. G. Ames, Mrs. G. E. Ames, Mrs. A. J. Duffus, Mrs. J. F. Morse, Mrs. F. D. Webb, Mrs. Kate B. Chase, Mrs. Emily Kennedy, Mrs. Effie Grenelle, Mrs. L. C. Giesecker, Miss Augusta Rudolph.

### OLD LADIES' CLUB

An Old Ladies' Club was organized Sept. 26, at a meeting held at the home of Mrs. Walter Eddy, where the day was spent in exchange of reminiscences of war times. Those present were: Mrs. Emily Kennedy, Mrs. C. J. Bonnell, Mrs. G. G. Ames, Mrs. Josiah Butler, Mrs. J. L. Klapp, Mrs. M. E. Fuller, Mrs. H. S. Gano, Mrs. R. Pickering, Mrs. Smith. The next meeting will be held Oct. 19, with Mrs. H. H. Smith.

## Lewiston Orchards Life

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For the information and aid of orchard owners here and elsewhere.

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### LEWISTON COMING TO ITS OWN

The meeting of the Columbian Waterways convention in Lewiston this month has emphasized the importance of Lewiston-Clarkston as a commercial and industrial center. The convention represented some of the best business intelligence and energy of the Northwest. The sentiment was strong and united as to the need of systematic and adequate river improvement, looking to the future of Lewiston as a great transportation center, with direct water communication to the sea.

Lewiston is the center of Western Idaho, and its twin city, Clarkston, is the center of Eastern Washington. In this tributary territory are located some of the most productive wheat lands in the world, the greatest white pine timber belt in the world, estimated to contain twenty billion feet of standing timber; an area of undeveloped mining country of incalculable riches; an enormous water power yet to be made available; and the choicest fruit district in the Northwest, now being developed along the most advanced horticultural lines.

The coming of the waterways convention to Lewiston is one of the many incidents now pointing to the recognition of this place as a leading transportation center. Preparation now under way by a local committee of 100, for the proposed Lewiston-Celilo-Panama-Waterways celebration in 1915 is in anticipation of comprehensive waterways improvement during the next three years.

No intelligent observer can view the situation and conditions here without being convinced that the Lewiston-Clarkston center is destined to be one of metropolitan importance in this portion of the Inland Empire, if not of the entire Inland Northwest. For this vast empire of almost illimitable resources the Lewiston Gateway is an open door to the commerce of the world.

Speakers at the convention discussed all phases of the open river question, and the result was a public enlightenment on the subject that will greatly aid in promotion of the needed public sentiment in support of waterways improvement. That such improvements are certainties of the near future cannot now be doubted. In such a consummation, Lewiston comes to its own in the way of material advantages, and seems at the beginning of a great future development as a commercial and industrial center of large population.

### FOR ROAD IMPROVEMENT

The presence here this month of Samuel Hill, the greatest leader of the good roads movement, was of timely importance and inspiring interest. His address on "The Relation of Good Roads to the Transportation Problem" showed that good roads form a vital link in the commercial chain between producer and consumer, and constitutes one of the greatest questions now before the American people. He made clearly evident the fact that what is now wasted in misapplied effort on bad roads would be adequate for the building of good roads throughout the country, thus promoting general development.

River and rail transportation advantages without highway facilities would be largely useless, however great might be the productive possibilities of the surrounding country. Waterways and railways are reaching toward Lewiston from every direction. Their development demands a coincident improvement of the tributary highways for the movement of products of farm, forest, orchards and mines from the sources of supply to the shipping center at this point.

There has been a steady growth of good roads sentiment in this vicinity during the past two years, and the situation seems hopeful of substantial results for all the territory surrounding Lewiston. In the Orchards district the good roads gospel is supported by strong and united sentiment.

### GREAT NEEDLESS WASTE

The need of utilizing the by-products of the orchard was more than ever before evident this season in the Lewiston-Clarkston valley. With an abundant fruit crop here and elsewhere, the unmarketable surplus was unusually large, and this was greatly increased by un-

usual weather conditions during a portion of the fruit harvesting season.

Estimates indicate that the saving of this surplus would go far toward paying the expense of all production. That the waste is needless is generally admitted, and that measures to prevent it will be taken now seems assured. The proposed establishment of evaporating or dehydrating plants is a step in the right direction, and will be followed by other provisions for the saving of the crop that is otherwise partly lost. The prevention of such waste will add immediate wealth to the community and put the fruit industry of the valley upon a secure and substantial basis.

### EVERYBODY CAN HELP

Professor W. S. Thornber is enlisting the aid of all orchardists in the work of beautifying home and public grounds. The surroundings of the home, the school and the church need the intelligent attention of the people who use them. In such co-operative work, all can have a part.

Women have been found to be especially effective in civic betterment and will doubtless take a leading part in the movement, but all residents, including men, women and children, can have a useful share in the work. The Assembly, with its newly enlarged membership is a comprehensive community organization, and is calculated to become very effective in all needed community movements. Every individual member can fill a place of his own in such efforts. The material effect of the improvements made has an important bearing on all property values in the community, while the esthetic influence on the lives and characters of all residents is something beyond measure.

### KNOWING BY DOING

The first fruit fair by the boys and girls of the agricultural club in the Orchards was demonstration of what can be accomplished in teaching by doing. The young orchardists were thrown upon their own judgment, and learned to exercise discrimination in estimating fruit values.

What the fruit fair afforded in the way of opportunities for individual investigation and judgment is but one of many ways in which the young people will be helped by helping themselves. The result should be the development

of a practical knowledge of agricultural and horticultural conditions that will fit all who participate and wish to follow it for future success in orchard life.

#### THE "SAVE THE CROPS" MOVEMENT

The "Save The Crops" orchards selling movement has received new impetus from the results of investigation recently made by Professor W. S. Thornber, as to the waste of fruit in this season's peach crop.

Professor Thornber's report shows that in Clarkston and Lewiston Orchards there are 3,230 tons of peaches on the ground. If dried these would be reduced to approximately 323 tons. Mr. Stacy of the Lewiston Mercantile Company states that the average price paid producers for dried peaches during the last ten years has been 7 1-2c per pound, or \$150 per ton. The summer's loss to the community in this one variety of fruit alone, because of the lack of drying facilities, has been \$48,450, not to mention the waste of cherries, prunes, and other fruits.

Next year there will be 2,000 acres of peaches in bearing in Lewiston Orchards containing 100,000 trees. This is nearly double the number growing in Clarkston. With an average yield of 150 pounds to the tree, which is a low estimate, Lewiston Orchards will produce 7,500 tons of peaches in 1913. This when dried would make 750 tons, and if sold at the average price of 7 1-2c per pound, mentioned above, would be worth \$112,500. This amount from Lewiston Orchards alone will be lost if we do not get a dryer.

The Lewiston Orchards Association is about to resume active work in its orchards selling campaign in behalf of the dryer fund.

#### AN ORCHARDS PUBLISHER.

Robert G. Bailey, a well known resident of the Orchards, has just issued the initial number of "Western Poultry," a very creditable publication of its kind and the only one of its class in this portion of the northwest.

"Western Poultry" treats not only of the poultry industry, but of fruit growing, farming and gardening, in an up-to-date, progressive way that is calculated to do much for the development of the important territory that forms its field. It is well printed and illustrated, and has an able corps of contributors,

Its merit has received immediate recognition by the business men of this vicinity, and its advertising columns contain evidence of a substantial support that seems to assure it permanent success.

"Western Poultry" should receive general support of orchardists and others interested in the subjects represented. The subscription price has been placed at the moderate amount of fifty cents a year or three years for one dollar.

#### THE FIRST FRUIT FAIR.

Under auspices of the boys' and girls' agricultural club, the first fruit fair in Lewiston Orchards was held Oct. 5, in the church basement. A display of moderate proportions, but choice character, was made and an interesting contest resulted.

Awards for plate exhibits were made by Professor W. S. Thornber and awards for fruit scoring were made by Professor Chas. A. Cole. The principles of fruit judging were explained by Professor Thornber, and the club members were given a test in judging fruit. Subscriptions to "Better Fruit" and to "Green's Fruit Grower" were awarded as prizes for exhibits, and horticultural books were given as prizes in scoring.

Thirteen prizes were awarded for plate exhibits, as follows: Paul T. Rowell, five; Ralph R. Rowell, four; Emmett Mullarky, two; Bernice Webb, one; Paul White, one. In scoring, Ralph R. Rowell was awarded first prize and Eugene Mullarky second. The varieties of apples shown were: Jonathan, Winter Banana, Rome Beauty, McIntosh Red, Winesap, Wagener, Rhode Island Greening, Yellow Newtown, Ben Davis.

#### LEWISTON ORCHARDS ASSEMBLY

This month's meeting of the Lewiston Orchards Assembly will be held Oct. 21, when Professor W. S. Thornber will speak on the subject of "Beautifying Home Grounds." For this meeting, the membership committee has been enlarged to five members, and the entire Orchards is to be canvassed for new members. Special efforts are to be made to secure every woman as a member under the new rule which admits them for an entrance fee of one dollar, but with no dues thereafter. For men the membership fee is one dollar and the annual dues one dollar, payable in November of each year. The present membership of the Assembly is about 80.

#### CHURCH ACTIVITIES.

The Lewiston Orchards Congregational church society held an election Sept. 19, and elected a board of trustees. As chairman, J. B. White was chosen, in place of F. B. Laing, resigned, and F. D. Webb was elected in place of C. O. Bailey, resigned. Messrs. W. French, W. H. Bankson and J. E. Butler were re-elected. Regular church services are held on Sunday evenings, and prayer meeting on Thursday evenings. The Sunday school meets on Sunday mornings and shows steady growth.

The ladies aid society had a special meeting with Mrs. G. E. Ames, Sept. 25. The regular meeting this month is an all-day session, Oct. 10, at the church when a ten-cent lunch will be served, the proceeds to go to the society. The meetings in future will be held once a month.

#### AN INDIAN SUMMER EXCURSION

A very pleasant Indian Summer excursion was enjoyed Sept. 30, by a party of orchardists who engaged the auto truck for conveyance to Lewiston, where the gasoline launch, "The Flyer," was taken for a trip up the Snake river six miles to Asotin, where the day was spent in a picnic in the park. The day was perfect and nothing occurred to mar the harmony of the delightful occasion. Those in attendance were: Dr. and Mrs. R. W. Cram and Miss Virginia Cram, Mr. and Mrs. G. G. Ames, Mr. and Mrs. G. E. Ames, and Miss Ardys Ames, Mr. and Mrs. D. R. Macdonald, Miss Donaldda Macdonald and Miss Isabella Macdonald, F. B. Gano, Fred H. Sheets, Mr. and Mrs. H. H. S. Rowell, Miss Augusta Rudolph, Master Ralph R. Rowell, Master Paul T. Rowell, Miss Ruth L. Rowell, Mrs. Finney, Miss Ruth Finney, D. A. Smith.

#### BEST APPLES BY EXPRESS

To meet an evident demand, Lewiston Orchards Life, until further notice will undertake to supply non-resident orchard owners with "Extra Fancy" apples, grown in Lewiston Orchards, of the Jonathan, Rome Beauty, and possibly some other, varieties, at two dollars a box, f.o.b., Lewiston, the receiver to pay the express charges. The express rate per box to Portland, Oregon, is 75c; to Minneapolis, Minn., \$1.62; to Chicago, \$2.38; to New York, \$3.13. Orders can be sent, with remittance, to the editor, at Lewiston, Idaho.

## Correspondence Course, Lewiston-Clarkston School of Horticulture

THE Lewiston-Clarkston School of Horticulture, W. S. Thornber, M. S., director is preparing regular correspondence courses along agricultural and horticultural lines that will be of interest to fruit growers and their families. The courses will be intensely practical and arranged in such a manner as to make it possible for any one to gain a working knowledge of a subject in a year's time.

The courses will be absolutely free to the owners and residents of the Lewiston-Clarkston Valley. The only expense connected with the work will be the actual cost of the books, which will form a valuable reference library when the course is completed.

The outline for each course will cover ten lessons and be sent out monthly to those desiring them. At the beginning of each month the outline for the next month's work will be sent out and at

the close of each month review or examination questions upon each subject will be mailed.

The following courses are now under preparation and the first assignment in each will be ready to mail November first:

General Fruit Growing: texts—Principles of Fruit Growing (Bailey) \$1.50; The Pruning Book (Bailey) \$1.50; How to Make a Fruit Garden (Fletcher) \$2. Total \$5.00.

Orchard Pests: texts—Diseases of Economic Plants (Stevens & Hall) \$2; Diseases of Cultivated Plants (Masse) \$1.60; Economic Entomology (Smith) \$2.50. Total \$6.10.

Vegetable Gardening: texts—Principles of Vegetable Gardening (Bailey) \$1.50; Vegetable Gardening (Green) \$1; Garden Making (Bailey) \$1. Total \$3.50.

Landscape Gardening: texts—Landscape Gardening (Waugh) 50c; Landscaping as applied to Home Decorations (Maynard) \$1.50; Home Floriculture (Rexford) \$1. Total \$3.00.

Soils: texts—Soils (Fletcher) \$2; Soils (King) \$1.50; Soils (Hilgard) \$4; Physical Properties of Soils (Warrington) \$1.50. Total \$9.00.

Irrigation: texts—Irrigation for Farm and Garden and Orchards (Stewart) \$1; Irrigation Farming (Wilcox) \$2; Irrigation and Drainage (King) \$1.50. Total \$4.50.

Harvesting, Storing and Marketing of Fruit (Waugh) \$1. Total \$1.00.

Those who desire to enter the work should designate to the director the courses wanted, the reading assignments and the addresses of the book companies carrying the books, will then be given, and the applicants can order them at once from the publishers.

### THE ARISTOCRATIC PEAR.

Pears are a less poetic though more aristocratic fruit than apples. They have neither the beauty nor the fragrance of apples, but their excellence is in their flavor, which speaks to a grosser sense, they are *glout-morceaux*; hence while children dream of apples, judges, ex-judges, and honorables are connoisseurs of pears, and discourse of them at length between sessions. How much more attention they get from the proprietor. The hired man gathers the apples and barrels them. The proprietor plucks the pears at odd hours for a pastime. They are spread on the floor of the best room, they are a gift to the most distinguished guest. They are named after emperors, kings, queens, dukes and duchesses. I fear I shall have to wait till we get to pears with American names, which a republican can swallow.—Henry David Thoreau, Oct. 11, 1860.

In the orchard of Mr. R. G. Bailey there is a pear tree producing a species of fruit which he has named the "Roosevelt" pear. Professor Thornber has investigated it and reports that it is happily named. It is an insurgent in the rank of the G. O. P. (scientific abbreviation for the green ordinary pear); and November fifth is the date for proper canning.

### A FEW WINDFALLS

That Lewiston Orchards is in the "banana belt" is firmly believed by all who have seen the wonderfully beautiful "Winter Banana" apples this season.

\* \* \*

J. W. Haben has a new way of "raising" Hubbard squashes, by letting them climb his chicken fence. One side of his poultry yard is hung full of the hard-shell beauties.

\* \* \*

The late song entitled "Every little peach is a full grown lemon" might carry its lesson in proper thinning, and irrigation, if emphasis were put on the word "little," to say nothing of some larger fruit that went to waste.

Henry Kroger, of Sheridan, Wyoming and V. M. Smith, of Catlin Smith, Minneapolis, Minn., recently purchased 20 acres each in Block 2, near the end of Thain road.

Hon. John A. Fox, commissioner at large for the Panama-California Exposition at San Diego, was a visitor last month, in the interest of that institution. While here he visited his tract in the Orchards and expressed himself so fully and appreciatively that his comments will be published in the next is-

sue of the Life, lack of space preventing use of the article this month.

Geo. R. Copeland, who has a clerical position in the postoffice at West Saginaw, Mich., spent the week here, as guest of Arthur F. Lewis. Though he has an interest in an Orchard tract, this was his first visit to the Northwest, and he expressed himself as unable to do justice to what he had seen. The magnificence of the country, he found was beyond description and the Orchard tracts something more wonderful than he had ever dreamed of. He expects to come here for permanent residence during the coming year.

Grape growers here will be interested to know that the Seattle Daily Produce News of Sept. 28, quoted Tokay grapes from Lewiston twenty-five cents a crate higher than those from California.

### A RICH REGION.

According to statistics lately compiled by Prof. H. L. Talkington of the Lewiston State Normal school, Nez Perce county, in which Lewiston and the Orchards are situated, has eight banks, with deposits of \$3,526,750; 817,500 apple trees, 220,000 peach trees, 60,000 cherry trees and 550 acres of grapes; butter production of 303,440 pounds; lumber production, 4,500,000 feet; patented farm lands, 275,272 acres.

## Some Lessons of the Year in Fruit Marketing

By W. S. Thornber, Director of the Lewiston-Clarkston School of Horticulture

**N**O year in the history of commercial fruit culture has been studied so thoroughly by so many practical growers and business men all over the United States and Canada as the present year.

The very favorable weather conditions generally during last winter, the almost total absence of killing frosts in nearly all districts during the blooming period and the favorable growing conditions for fruit during the spring and summer months combine in giving the North American continent the largest commercial crop of fruit ever known before. Not alone is there a big crop of apples, but there has been a big crop of practically all kinds of fruit and particularly of soft and perishable fruits and as a result of this many growers have realized little or nothing for large quantities of their fruit, and yet some men in spite of these striking facts have been able to secure surpassing returns for their crops. These men have used great care in the preparation of their fruit for market, but their greatest care has been in the choice of markets. They have absolutely avoided the common dumping grounds of the whole country and sought to place their produce in small cities and villages where little or no competition prevailed and by so doing have marketed their crops very satisfactorily, and given to the people of the small towns and villages a splendid grade of fruit (better than they have ever had before) at a fair price to them and reasonable returns to the producers.

Two striking lessons stand out clearly and no grower can afford to fail to take notice of these lessons. First, while it may not happen again in a hundred years, it is possible for nearly every fruit district on the continent to have a bumper crop the same year. This has never been known to happen before, and while it may be years again before we experience it, we should now begin to prepare for just such a condition and be able to handle at least one-half and better yet three-quarters of our total fruit crop through canneries, cider and vinegar factories, evaporators and other natural by-product concerns adaptable to our conditions.

Second—In spite of the very large crop of all kinds of fruits all over, many apple growers are now marketing large quantities of apples at good prices.

This is even more wonderful when we realize that less than six weeks ago many markets were absolutely dead to anything but the very choicest kinds of fruits, and those only at moderate prices.

To many people this is the death blow of the over production scare, since they realize that our markets are constantly increasing and more people are using fruit now than ever before. The factor of educating people to use a product in numerous ways is becoming as apparent in the case of the fruit industry as in other articles of food, and in proportion as we modify our fruit products and by-products so will the consumption increase.

The peach problem all over the United States this year has been the most serious fruit factor with which we have had to contend and as a result of these conditions thousands of bearing peach trees are now being pulled out and burned. This destruction of trees is not alone confined to the Pacific Northwest, but the big peach districts of the south and east are also removing many trees. This movement again illustrates well the spirit of the American people, to never do things moderately, but compel the pendulum to swing far either to right or left.

The indications are that in a very few years a well grown peach orchard will be just as valuable again as it has been in the past, however poor, unsatisfactory varieties will probably never be as valuable again as they were a few years ago. The profitable peach orchard of the future must be in a choice district, be composed of varieties that can be put to different uses, and be handled in a scientific manner.

The important lesson for the growers of the Lewiston-Clarkston valley, as well as those of many districts, to learn is that we must have diversified methods of marketing our fruits and that the reduction of the bulk or tonnage and the extending of transportation season is just as much one of our problems as it is the problem of the railroads. The solution then of the problem is the coming of the evaporators, the cannery, cider and vinegar factories and other by-product concerns.

A community in central New York with less than half the orchard acreage of this valley has over four hundred

fruit drying and evaporator plants, and these men inform us that there is money in drying all of their product.

The western districts should then easily find the evaporator profitable for all fruit not of the highest grades.

### GOING AND COMING.

John W. Wilks of Grangeville, visited the Orchards, October 15.

A. J. Sipes returned Sept. 12, from a visit of two months in Minnesota, and Michigan.

H. C. Conover is receiving a visit from his father, W. W. Conover, of Red Bank, N. J.

Dr. Baker's family arrived last month and are occupying a cottage on the Ames place.

Mrs. L. A. Blackman returned Oct. 5, from a visit to friends in Wisconsin and other places.

Mrs. Daniel D. Otsstott of Dallas, Texas, is visiting her parents, Mr. and Mrs. C. J. Bonnell.

R. C. Dahlhjelm, Minneapolis representative of the Lewiston Land & Water Co., spent three weeks here last month.

Mr. and Mrs. F. D. Webb left Oct. 3, for Chicago, going by the southern route. They expect to be absent for about six weeks.

F. W. Baker, of the Capital Rattan Co., of Indianapolis, an extensive owner in the Orchards, spent a week here early this month, inspecting his property.

Mr. and Mrs. D. H. Guiland have as a guest this month Mrs. Guiland's mother, Mrs. Louise Henderson, of North Yakima, Wash.

Mr. and Mrs. J. F. Morse left Oct. 6, by the northern route, accompanying their parents, Mr. and Mrs. John Morse to their home in Wisconsin, where they will remain for several months.

Warren Surburger and wife of Dover, N. J., were guests for ten days last month of J. B. White and family. Mrs. Surburger is a sister of Mr. White, and Mr. Surburger is general salesman in the auto department of the Corbin manufacturing company, of New York. They were taking a two-months' trip over the Northwest, and left here for California. Mr. Surburger expressed himself as very much pleased with conditions here, and took with him many samples of the fruit.

## THEY PRAISE THE PEACHES

A number of non-resident owners have this season had sample boxes of peaches from the Orchards, and have sent words of warm commendation for the quality of the fruit received.

Mrs. Nelle I. Stewart, wife of Dr. J. A. Stewart, of Portland, Oregon, an owner of two tracts in the Orchards, writes to Mr. P. W. Green, of the Lewiston Land & Water Co., as follows:

"I want to tell you that the peaches sent me from the Lewiston Orchards were the very finest I have ever tasted. Doctor and I are living at Alexandra Court and we treated all our friends. They all said: 'What delicious peaches! Where did they come from?' A number of the ladies said: 'Why we haven't been able to get good peaches in Portland this year,' I found that the case myself. I have bought peaches up town a number of times but they were not sweet and juicy like the Lewiston fruit was. I thought at the time it would surely be a good idea to send a box of the Lewiston fruit to the commercial club here. I always have asked if they had fruit from Lewiston when I was buying in the store, but have never found the Lewiston fruit. I will not have any other kind of peaches from this time on. The fruit came in first-class condition, not a single piece bruised."

Treasurer W. S. Rauch, of the National Association of Mercantile Agencies, visited the Orchards with a delegation of his Association members in August, and paid for three boxes of Elberta peaches to be shipped to him later, by express, to Newark, N. J. Under date of Sept. 19, he writes as follows, to the secretary of the Lewiston Orchards Association:

"I wish to acknowledge receipt of three boxes of peaches, which much to my surprise, reached me in very good shape, considering the great distance they were shipped. I was also much pleased to note that their flavor is in very good comparison to the flavor of the ripe fruit which I had the pleasure of picking off the trees in your orchards last month. I thank you very much for your pains in this matter."

## COST OF BUILDING MATERIAL.

Many non-resident orchard owners will doubtless be interested in knowing that the cost of building material in Lewiston compares very favorably with that of such material in other parts of

the country. The fact is that the prices are much lower here than in many other places. For the information of prospective builders, the prices for lumber and some of the staple commodities of building material in Lewiston at the present time are herewith given.

No. 1, dimension, 2x4, 2x6, 2x8 and 2x10, 12 to 16 feet, in pine, fir or larch, is quoted at \$16 per thousand.

White pine and larch dimension, 1x4, all lengths, in shiplap, rustic, flooring and boards, is quoted at \$12 per thousand. The same in dimension, 1x6, 1x8 and 1x10, in 10, 12, 14 and 16 feet lengths, good grades, are given at \$16 per thousand.

Coast finish, 4, 6, 8 and 10 in. wide, any length, per M., \$45.

Coast finish, 12 in. wide, per M., \$50

Four-inch V. G. fir flooring, all lengths, per M., \$40.

Eight or 10-inch shiplap, per M., \$18.

Shingles, extra XXX red cedar, per M., \$3.

Common brick, per M., \$15.

Best grade of lime, per barrel of 200 lbs., \$2.

Best grade of Portland cement, per barrel of 400 lbs., \$3.

Best grade of plaster, per ton, \$15.

Building paper, "20 rolls," 80c.

Roofing, per square, \$2.

## SEASONABLE FRUIT RECIPES

Among the following recipes are several contributed by women of the Orchards who are well known for their success in the lines indicated. The recipe for grape juice has been used with equal success for Tokay grapes, which produce a juice of most beautiful color. The pie recipe is by one who is known as one of the best pie-makers in the district.

*Juice from European Grapes.*—Use Rammonia grapes. Pick off stems and just cover over with water and boil about fifteen minutes. Then strain and add one cup of sugar to three cups of juice. Bottle and seal while hot.—Mrs. P.W.C.

*Jonathan Apple Pie.*—Line a pie tin with a crust. Pare three Jonathan apples, slice thin, fill the tin. Sprinkle over with a litt'e flour, two-thirds cup of sugar, a pinch of salt, a few pieces of butter and nutmeg. Cover with a crust. Bake in a slow oven.—Mrs. N. D. A.

*Peach Cobbler.*—Pare one-half dozen peaches, slice them, place in a deep oven bake pan, cover with a rich biscuit crust, Bake twenty minutes. Serve with a sauce of cream and sugar.—Mrs. N.D.A.

*Fruit Pudding.*—An easily prepared and good fruit pudding can be made with either fresh or canned fruit. With fresh fruit prepare as for stewing for sauce. Put on stove in deep pudding dish. When it begins to boil, drop the following described batter over the top and put in oven of moderate heat and bake from one-half to three quarters of an hour. In using canned fruit, put on stove to heat same as with fresh fruit. Eat while warm with cream. In dishing it, put the baked pudding in bottom of dishes with fruit on top.—Mrs. E. R. R.

*Batter for Fruit Pudding as Above.*—Cream one tablespoon of butter and two heaping tablespoons of sugar; then break in an egg and beat all together until very light. Add two cups flour, with a heaping teaspoon of baking powder mixed in it and one cup of milk. Beat a'l well together and drop on fruit.

The same batter as above is preferred by many to biscuit dough for shortcake. Bake in pan and when baked split in two, butter and fill between layers with fresh sweetened berries, also put some on top.

*Peach Conserve.*—Twelve peaches, 8 cups of sugar, juice and pulp of six oranges. Skin three oranges, cut quite small 1-2 cup of almonds. Boil.

*Tomato Catsup.*—Two quarts of tomato juice, add 2 tablespoons black pepper, salt and mustard and 1 tablespoon of cloves, 1 pint of vinegar, 1 cup of sugar. Boil three hours.

## Possibilities of Road Improvement in Lewiston Orchards

(Continued from page one)

inspection of the model roads that he has built in that vicinity. Mr. Hill's valuable recommendations are likely to be given a practical application in Lewiston Orchards.

## APPRECIATIVE WORDS

Kind words of appreciation for Lewiston Orchards Life, continue to come. U. B. Hinds writes from Watertown, S. D., as follows:

"I wish to compliment you and the others interested in getting out 'The Orchards Life.' It is fine and we look forward with increasing interest for each succeeding issue and hope it will continue to improve and be a help to 'us Orchard folks.' I want to take that correspondence course in horticulture that we note Mr. Thornber and his associates are talking of instituting. We need it to get the information necessary to operate our fruit homes later on."

## An Oregon Man's View of Lewiston Orchards and Lewiston

A VISITOR of unusual intelligence and discriminating judgment was A. P. Hofer, secretary of the board of trade, of Salem, Oregon, who spent a day, Sept. 15 as a guest of Dr. and Mrs. R. W. Cram, in Lewiston Orchards. Mr. Hofer was for thirty years a newspaper editor and publisher, being former editor of the Capital Journal at Salem, and is well informed as to conditions throughout the Northwest.

"The Lewiston Orchards no doubt represents the highest type of develop-

no doubt but that your people will succeed in everything they undertake. Your people have broken ground for a wonderful development here with your improvements, your enterprise in providing for the stock show and bridging your river. The foundation work is well commenced and only attention to your new citizens is needed to bring complete success. People will come to Lewiston and it should be the definite purpose of your commercial bodies to see they are well cared for. They should

to \$2,000,000 annually. These are matters that will work themselves out when properly handled and there is no doubt in my mind but that your people will cope with the situation at a very early date.

"Easterners are now trying to stem the tide of immigration to the west. All New England insists they can raise just as good apples and other fruits as the northwest but there are three vital reasons why they cannot. Their soil lacks the productiveness; their climate is not



Typical Street and Orchard Scenes in Lewiston Orchards

ment known in orcharding," said Mr. Hofer, in an interview with the Tribune.

"I do not know when I have spent a more enjoyable 24 hours than the time here with my friends and in inspecting this wonderful project. I have been told of the Lewiston Orchards many times and thought I knew considerable of what was here but the fact is that no one can half tell it. The development of the district represents the workings of a master mind and it is surely a rich treat to be able to visit such a community.

"I like Lewiston. The enterprise of your citizens appeals to me and I have

be given encouragement and assistance so that whatever they undertake will bring them success. When your new people meet with success they will serve as missionaries in bringing others and the growth of your city will be most rapid.

"I notice in your orchard district that a waste of the second grade fruit is sustained. This is true of all new districts but I have no doubt but this will be taken care of. We had the same experience at Salem but now we have our canneries and fruit dryers and the returns from our prune crop alone amounts

suited to the business and they do not know how. But even if these three requisites were theirs, they lack the mental status. I do not mean that they are incapable of learning but that their perspective is too limited, their environment not the right kind to give them the mental vision necessary to do this kind of thing right. On the other hand you can have no better fruit growers than those same sturdy Puritan sons when they are transported to the great west where they imbibe a magnitude of thought and ability to do things that are impossible to their present sphere."

### A WICKED WASTE

Colonel Allen J. Blethen, the veteran editor of the Seattle Times, in a speech recently delivered to Lewiston business men, said: "This is my first trip into this Inland Empire and I tell you frankly if 10,000 men had told me of the wonderful things I have seen on this trip with my own eyes I would not have believed one-half their story. What I saw

at North Yakima and elsewhere, and what I have just seen today at Lewiston and Clarkston emphasizes my reverence for the statesmanship of Thomas Jefferson. One thing impresses me sadly, however, but I feel sure that the people who have carried forward these great orchard enterprises to their present success will provide the remedy for the conditions which I observed. You must provide the means, through canneries and dryers, for the preservation of the

peach crop, hundreds of bushels of which I saw going to waste in your orchards. It seems a shame, while so many of the world's people are in a condition of famine, that such wicked waste should exist. Care for these crops, put them into permanent preservation in cans and barrels and you will find ready market for them throughout the world. I hope you will co-operate with Seattle, Tacoma and Spokane in safeguarding the output of your orchards."