Complete

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HOOD RIVER, OKEGON, WEDNESDAY, DECEMBER 25, 1912

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Intercropping Preferred DAD CHOPS TREE; to Clean Cultivation

Interviewed Regarding Diversified Farming in Conjunction with Orcharding, Professor Lawrence tance of the city. Shortly after the no more basketball games will be play-Shows Fallacy of Once Popular Method--J. R. Putnam Talks of Poultry--Other Interviews.

"In the case of large orchards I be-

At present we have about 300 hens; last year we had about 800 and the pre-

about 80. Last season we had a stand-

ing contract to sell-all of our eggs at

not had this favorable contract.

"Marketing conditions are not fa-

eggs. Indeed there is not sufficient

storage product to offer an inducement

"This is the conclusion I have reach-

ed and eggs and chickens for breeding

(Continued on page 10)

Efforts on the part of certain per-

sons in Portland to prevent the fu-

Upper Hood River Valley are being

continued, according to a recent dis-

taken up with the forest service the

Upper Hood River residents fami-

make contamination of that water

think, be 'njured thereby."

supply impossible.

ity of diversified farming in connection able addition to the orchard. with the orchards, gave some interesting facts in regard to growing cover lieve that a flock of several hundred their homeward march they were load of exit. crops between trees, advising that this hens would bring good returns. In ed down with greens, the smaller be done rather than that clean culti- making this assertion I take it for members being almost extinguished The Dalles High School team defeated vation be practiced year after year. granted that the flock would be large beneath their load of trailing grape or the local boys by the score of 21 to John R. Putnam of the Upper Valley gives his conclusions about the poul- all of his time to their care. The try business. A third contributor in- colony houses would be placed betimates that local orchardists have tween the trees and the chickens, runbeen spoiled by the big profits netted ning through the orchards, would defrom their apples in the past and de- posit valuable fertilizer. clares that, rather than feel discouraged by this year's experience, they try business now for three years, but should be happy over the many bless- are now reducing our flock because ings which are theirs. The articles we do not find it sufficiently profitable.

COVER AND SHADE CROPS PREF- ceeding year we made our start with ERABLE TO CLEAN CULTIVA-TION

In line with the recent discussion of 35 cents a dozen. The buyer called diversity of crops in this valley, Pro- for the eggs at our ranch and boxed fessor Lawrence is not only of the them for shipping himself. The layopinion that such crops may be grown ing records showed that the flock probetween the trees in the orchards duced an average of 132 eggs apiece but declares that the gospel of perfect- per year. At 35 cents this meant a ly clean cultivation is no longer be- profit. However, it is doubtful whething preached by those who have made er the purchaser made money on the a study of its effect upon the soil. It deal and it is also doubtful whether is not certain, he says, that intercrop- we could have made money had we ping is not absolutely necessary in order to prevent the destruction of the humus which is a necessary constitu- vorable here. One must ship to the ent of the soil. He says:

"It has been firmly established that or other cities and the prices are not clean cultivation is responsible, part- what they should be for strictly fresh The Reliance Company was the suc- August 1st, Sinking fund on ly at least, for several of the physiological disorders of the apple in this difference between the prices paid for valley including winter injury and dry strictly fresh eggs and for the cold rot. Of course there are other factors, such as drainage, fertilization, the use to the man offering the strictly fresh of cover crops and improper irrigal eggs. If a market could be developed the council decided that it was best tion, which may also contribute to which would pay a good price for them to award them the contract. these disorders. We have observed the business would be more profitable. here, however, that winter injury and dry rot are usually associated with ed when the business is considered weak trees, a variable supply of wa- strictly from the standpoint of eggter and clean cultivation. Of course producing. Where fancy stock is rais there are some exceptions.

There will be a stronger tendency in the future to grow shade and cover crops. This will be more beneficial for the land than strictly clean cultivation. The latter burns out the humus and loss of this element causes a very decided change in the mechanical nature of the soil. Soil deficient in humus will not hold water as well, it transmits heat and cold more readily and as a result is colder in winter and hotter in summer. Again, such solid packs, drive out the air. This creates a condition which is adverse to bacterial action. In this connection it must be remembered that bacteria are largely responsible for liberation in the soil of plant foods that are used by the tree in making its growth and producing ct. ps of fruit,

"There is no doubt but that the growth of shade and cover crops in the orchards will become much more general in the future. Perhaps the tendency will be to carry this to an extreme as has been the case with clean cultivation. However, the best results will be obtained by pursuing a medium course, giving the orchard clean cultivation some seasons and growing cover or shade crops other years. It is advisable to rotate the latter crops, as in any other system of farm cropping, these crops should be used with judgment so as not to compete with the trees any more than necessary and too many grain crops should not be raised in succession.

"These crops could easily be made to produce revenue in addition to that from the trees. Among the shade crops are alfalfa, clover, hay, vetch, oats, barley and other grains. Hogs can be pastured on these crops or they can be fed to horses and other stock.

"One disadvantage in raising such crops is the fact that it is more difficult to apply water so as to mature both the shade crops and the fruit."

JOHN R. PUTNAM GIVES HIS OPINION OF THE POULTRY BUSINESS

"As a commercial proposition on a large scale, I do not believe that the poultry business in the Hood River Valley can be depended upon to yield satisfactory profits," said John R. Putnam of the Upper Valley when interview regarding poultry raising, however, I do believe that every orchardist should have a flock of hens. A small flock can be cared for without

OTHERS GET GREENS

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"Dad" in all his manifold personaland knives prepared for use in gath- building would not be used for occa Below are given some interviews taking time that should be given to ering Oregon grape and other greens sions where crowds were present and upon various phases of agriculture in the orchard and the eggs will help pay for Christmas decorations. The Christ- escapes were not erected. However, countenances of the youngsters.

enough so that one man could devote

mas, vegetation being still fresh and able dissatisfaction prevailed among verdant, including the various trailing the local boys, who declare that his vines, ferns and the like. Hood River decisions were in favor of the visitors. homes all present a festive appearance "We have been engaged in the poul- today.

Declared a fire trap because it has itise was out in force Sunday and an not been equipped with fire escapes, onslaught was made upon all available the rink in the old Armory building Christmas trees within walking dis- has been closed and it is probable that Sunday dinner waas safely tucked ed there this year. This was one of away under the family belts, the pro- the buildings where fire escapes were cession started. Dad armed with the ordered by the council, but it was unaxe, the rest following with scissors derstood that the upper floor of the the valley. Professor Lawrence, upon the grocery bills during the winter. At mas smile adorned all features and the basketball games have been held being questioned as to the practicabil the same time the fertilizer is a value was especially conspicuous upon the there this year and large crowds of young people have congregated up-When the happy families started stairs. There is no adequate means

> In the game played here last week 18. The game was referred by Coach It is an exceptionally green Christ- Cronewall of The Dalles and consider-

> > A Merry Christmas to you!

Portland Firm Awarded **Waterworks Contract**

Reliance Construction Company, with Bid of \$44,910, Is Declared Successful One Among Twenty=one the city, which should not vary to any Bidders--Contract Covers All but Headworks--Mayor Blanchar Reads Message.

At the meeting of the City Council Monday evening the contract for con- January 1st, Interest on struction of the new waterworks system was awarded to the Reliance July 1st, Interest on bonds, Construction Company of Portland. August 1st, Interest on bonds large commission houses in Portland Their bid for the work, which includes July 1st, Sinking fund on all but the headworks, was \$44,910.65. cessful bidder against 20 competitors. Some bid on the work as a whole and others on one or more of the three units. As the Reliance Company bid on the entire work and at a low figure | Balance on hand over 1913

A report on the business of the city during the year from water rents were needs. \$12,416.25. Total disbursements were In connection with the items re- That the people of Cascade Locks Fruit Association, as well as presi-

ther construction of the road through a month. He spoke highly of Mr. City Charter under Section 107. the forest reserve at the base of Mt. Howe's services in that capacity and Hood connecting Portland and the strongly recommended the increase.

Mayor Submits His Message

states that "Senator Chamberlain has lows: people of Portland are protesting the financial requirements of the city

as the city's water supply might, they for the year 1913: WATER DEPARTMENT Cash Resources, December 1, 1912 is to take state that it crosses the Bull | Bond Interest Fund...... 2627.00 | the year. Run watershed at a point which would Bond Interest Fund...... 2029.00 Total cash resources.....\$12,450.00

bonds 990,00 Fourth-Maintenance of the free li-\$36,000 issue

\$90,000 issue.....

Total requirements. \$10,055,00 ing money from the 1913 appropria-

requirements\$2,395 00

From the above it is evident that no water office from December 1, 1911, to tax levy will be required in connec-December 1, 1912, was submitted and tion with the water department for the CASCADE LOCKS showed that the department is in ex- year 1913, and the earnings during the cellent financial condition, providing year added to the balance on hand a substantial revenue. Gross receipts should amply provide for the 1914

\$5,253.08, making the net receipts \$7,- quired for the sinking fund, I wish to are opposed to the construction of the dent of the new organization, which explain that these amounts are deter- Hood River-Portland road through will be known as the Northwest Fruit In the course of Monday's meeting mined upon the basis that they will that district, at least at the present Distributers, will also be among those Councilman C. H. Sproat took occa- be set aside at these regular periods, time, is indicated by the following re- to make the trip. sion to state that before his term ex. July 1st, 1913, and August 1st, 1913, port received of a road meeting held pired he desired to place himself on and annually thereafter, and placed at there Thursday:

General and Road Funds Notwithstanding the fact that the to the number of 50 or more met at

Mayor Blanchar submitted to the year to expend large amounts on day evening to vote a special tax to ma. A report of progress will be subpatch from Washington. The dispatch council his message. It was as fol- street repairs, including \$2,000 on the complete the river road from Cascade mitted within 90 days. East Side Grade improvement as ine Locks to the Multnomah county line. Members of the City Council, Hood special appropriation, the 1912 taxes, J. N. Dunlop of the Wind River Lum- drawn by the association, which will cided that another such gathering bequestion of construction of a road River, Oregon:-Your attention is disaugmented by refund from the light ber Company made the statement that be a mutual concern, controlled by the fore election is advisable in order through the Bull Run Reserve. The rected to the following pertaining to and water account, have been suffice the proposed road was not needed nine trustees, for the nine members of that further information may be securagainst granting a permit for the road in connection with the proposed levy against these respective funds and de made a motion that the meeting vested with the duties and powers of At Friday's meeting P. M. Morse, mately \$3000; whereas, usually the city has had quite a large amount of unpaid liar with the course which the road Net earnings...... \$ 7794.00 warrants outstanding at this time of The meetings next Sunday are as

Requirements for 1913 necessary in carrying on the affairs of 6:30 p. m.

DECLARED FIRE TRAP; BIG POWER PLANT TO BE BUILT

Announcement Made by the Pacific Power & Light Company That Development Project Rivaling That of Northwestern Electric Company on White Salmon Is Planned for Hood River === Power Will be Used for Electric Railway, it Is Stated, as Well as for Other Purposes==-Expenditure of More Than Half a Million Involved===Splendid Christmas Present for Valley.

cific Power & Light Company, an- railway. nounced that work will be commenced within a few days on a new power development, which will mean an ex- and increased prosperity in Hood plant here that will rival in size the penditure of over a half million doi- River, Electric Company on the White Sal- work of installing the plant will be

ed on the lower river, will have a ca- the plans received from the engineer's a. m. Juniors at 3 p. m. and C. E. at pacity of 7,000 horsepower and will be office. entirely separate from the company's It is stated that this project will King in America?"

there are special requirements as fol-

First-Replacing of the outfall sewer.

Second-Further improvement of the

Third-Providing site for garbage in-

I have not attempted to place an

estimate of the amount that should be

appropriated for these special needs,

but believe that they are all requir-

Respectfully yours,

E. O. BLANCHAR,

East Side Grade.

through this village.

Unitarian Church

brary.

Christmas present yesterday when derstood that part of the power will proximately \$200,000 for labor and ma-Guy W. Talbot, president of the Pa- be used in connection with an electric terials. With this added to the other

one being built by the Northwestern lars here, has been ordered and the comenced just as soon as the con-The plant, which will be construct struction crews can be organized and on "Lessons from the year 1912," 11

Hood River received its biggest present development here. It is un- mean the expenditure locally of apbig improvement projects, the coming The material for this big electrical year is rich in promise for continued

Grace U. B. Church

Sunday School at 10 a. m. Sermon 6:30. Discourse at 7:30, "Is money

the city, which should not vary to any great extent from the present year, Fruitmen Will Go East to Study Conditions

Preliminary to Organization of Northwest Distributers, Representatives from Different Sections Will Thoroughly Investigate Markets--H. F. Davidson and Wilmer Sieg to Go from Here.

Within the next few days a number | of the prominent fruitmen of the and Malheur county, Oregon. Northwest will make tours of the Eastern markets in order to investigate conditions there with special reference to the plans for the cooperative distributing organization of the fruit districts of the Northwest, H. F. Davidson of the Davidson Fruit Company and Wilmer Sieg, manager of the Union, will go from Hood River. W. T. C'arke, president of the Wenatchee

This investigation is being made in order that all may be fully informed record as in favor of increasing the interest by investment in securities. "The people of Cascaace Locks do of Eastern conditions and thereby en- Grove Friday afternoon the proposicity recorder's salary from \$75 to \$100 This is provided for definitely in the not want the river road completed abled to formulate plans for the new tion of creating a bonded irrigation distributing association with the most district was thoroughly discussed. "The legal voters of District No. 1 complete knowledge obtainable.

> The next meeting of the distributers council found it necessary during this the schoolhouse in the village Thurs will be held January 3 at North Yaki-

ient to retire all warrants issued and would not be for years to come. the permanant committee have been ed. leave a balance on hand of approxi- adjourn and the motion was carried." trustees. The incorporation has been city surveyor, submitted a report on made under the non-profit making law | measurements of the available water of the State of Washington.

According to a recent newspaper follows: Sunday School at 10 o'clock, estimate, the districts represented morning service at 11 o'clock, and produced this year approximately flume at Dee give the following quan-In addition to the regular expense Young People's Religious Union at 20,000 carloads of apples or from 12 titles in the different places: to 15 million boxes. It is estimated 65,000 carloads. So it can be seen inches, that the committee has no small probtors to take into consideration. The velocity 6 feet per second, gives a flo . with the lower grade apples, how to were there. get the best returns from cull apples. "The East Side Ditch (the Bone all these things will figure in their de Ditch), with an area of 51/2 sq. feet liberations. Every bona fide grower and velocity of 6 feet per second, was in the Northwest is watching with only carrying about 1400 miner's eagerness the activities of the commi-inches.

Wenatchee-Chelan, Okanogan, Fer-Washington.

Franklin counties in Washington. Skamania counties in Washington.

Western Oregon, All of Oregon west | close." of the Cascades. Walla Walla-Walla Walla and Columbia counties in Washington and

counties in Oregon.

South Idaho-All of Southern Idaho

Lewiston-Clarkson-Asotin and Garfield counties and the Snake River territory in Whitman county; all in Washington; Nez Perces, Lewiston and Idaho counties, including Latah south of American Ridge. Spokane-All of Eastern Washing-

ton and Northern Idaho. Montana-All of Montana.

BONDED DISTRICT UNDER DISCUSSION

At the massmeeting held at Pine Many questions were asked and many present expressed their opinion upon this important matter which is to be submitted at the election January 14. Papers of incorporation have been At the close of the meeting it was de-

supply as follows:

"The measurements we made along the East Fork irrigation ditch and the "The Dee mill flume, size 81/2 feet by

that with the increase in sight now 12 feet with a velocity of 3 ft per secthe districts in 1915 will produce ond, gives a flow of 13000 miner's

"The East Fork at the point we lem on its hands. It has many fac- measured it with an area 66 sq. feet, effect of the Panama Canal on fruit of 15,500 miner's inches. This would shipments will be taken into consider | indicate that the dam at Dee was losation. The best pack to meet the new ing about 2500 miner's inches and I conditions in marketing, what to do believe that it was on the day we

The small ditch, area 116 feet, vel-Following is the apportionment of ocity 4 feet per second, was carrying between 500 and 600 miner's inches.

"Of course, you understand that ry, Douglas and Grant counties, all in with the measurement we are able to take the work was only approximate. Yakima-York, Kittitas, Benton and Variation on the Dee flume may be eastly 1000 inches one way or the Hood River-Hood River and Wasco other. That on the East Fork would counties in Oregon and Klickitat and be apt to vary less than that and I think those on the ditches are fairly

Post Entertainments!

Remember to post the dates of proment Directory at the public library.



them \$5,000. They are (1) Seeley Davenport, (2) Jacob Dunn and (3) Warren Dunn. Samuel Untermyer, as special counsel for the Pujo committee, reopened the lavestigation of the money trust. Striking railroad workers killed two and terrorized the town of Edgewater, N. J. New York suffragettes started on a hike to Albany to plend for votes. Delegates from Turkey and the allies met in London to discuss the questions of the war. Sir Edward Grey formally submitted the British protest to the Panama canal tolls. Claude Umatilla. Union, Wallowa and Baker posed entertainments in the Entersin-Allen, who, with his father, Floyd, was to have paid the death penalty for the Hillsville (Va.) murders, was granted a stay until Jan. 17.