

P. & W. V. TIME TABLE.			
South.	July, 1910.	North.	
9:20 a. m.	Portland	Ar. 3:15 p. m.	
10:00 a. m.	Oregon	2:35 p. m.	
10:25 a. m.	Tillamook	2:05 p. m.	
10:45 a. m.	Seaside	1:35 p. m.	
11:00 a. m.	Medford	1:25 p. m.	
11:40 a. m.	Ar. Newberg	12:35 p. m.	
11:50 a. m.	Dundee	12:25 p. m.	

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NEWBERG GRAPHIC.

ISSUED EVERY FRIDAY MORNING.
E. H. WOODWARD.
EDITOR and PUBLISHER.

FRIDAY, DECEMBER, 5 1890.
Entered as second class matter at the post office at Newberg, Oregon.

The meetings of the horticultural society will be on Saturday afternoons at 2 o'clock hereafter. This will give farmers from the surrounding country a good chance to attend. This society can be largely instrumental in bringing about a condition of affairs that will hasten the day when a cannery will be running here and using up many acres of produce, and furnishing work for a large force of hands. Everybody about here ought to feel an interest about this matter, and not only an interest that furnishes a topic for street talk where it is so easy to tell how a thing ought to be done, but such an interest that the shoulder will be laid to the wheel.

The Graphic is now a well developed two year old, this being the first number of Vol. 3. We have endeavored since being connected with the paper to give our readers just as good a paper as we could afford for the money. Believing that the greater number of our readers value such a paper almost entirely for the local news, we have made a special effort in this direction and believe that in a large measure at least we have satisfied our readers. We expect to build up and improve the Graphic as the town and surrounding country develops, and our readers will not expect us to go beyond what our patronage will justify. We have full faith in the future stable growth and development of Newberg and Chehalis valley and consequently have confidence in this as a fruitful field for the growth and prosperity of a local newspaper. Our aim will be to make the paper such that it will be wanted for the local news. We will also be found advocating every industry or enterprise that we believe to be conducive to the best interests of the town, but we will not lend a helping hand to any scheme that encourages an unjustifiable, unbusinesslike growth, that will sooner or later "flatten at the poles" like a southern California boom. A wise man in the past said, "Give me neither poverty nor riches." We say, give us neither a moonshiner town, nor one that booms for a reason and then appears like a grave yard after a large funeral. We would be glad to receive communications for publication from any one on subjects of interest to the town. There are many subjects that might very profitably be discussed in this way. Finally brethren send in a dollar and a half and we will gladly send you the Graphic and American Farmer for a year.

Horticultural Meeting.
The Chehalis Valley Horticultural society met at the public school building last Saturday night with E. C. Armstrong in the chair and J. H. Rees as secretary, acting as temporary officers. The committee to draft constitution and by laws made a report and after some amendments the following was adopted.
Constitution.
Art. 1st. This organization shall be known as the Chehalis Valley Horticultural Society.
Art. 2nd. The object of this society shall be to promote the interests of Horticulture, and to educate our membership in the science and art thereof.
Art. 3rd. Any person may become a member of this society by signing this

constitution and paying the sum of 50 cts.
Art. 4th. The officers shall consist of a president, vice president, and secretary.
Art. 5th. It shall be the duty of the president to preside at all meetings of the society and immediately on taking his seat to appoint an executive committee of three.
Sec. 2 It shall be the duty of the vice president to perform the duties of the president in his absence.
Sec. 3 It shall be the duty of the secretary to keep a correct record of the proceedings of the society, to receive all money of the society and to pay out the same by its order.
Sec. 4. It shall be the duty of the executive committee to provide a suitable program for each meeting of the society and announce the same one meeting previous to its performance.
Sec. 5 The officers of this society shall be elected by ballot and shall serve six months or until their successors are elected and installed.
Art. 6. The regular meetings of this society shall be on the third Saturday of each month at 2 o'clock p. m.
Art. 7. Nine members shall constitute a quorum for the transaction of business.
Art. 8. No member shall be allowed to speak more than twice on any subject except by consent of the house.
Art. 9. This constitution may be amended by a two thirds vote of the members present, notice of such amendment having been presented at the previous meeting, and any article therein may be waived by a two thirds vote of the members present.
J. H. Rees read the following paper on "The Proper Distance to Observe in Setting an Orchard."
Have you a choice ten acre tract to plant to trees? If you have and are going to put a given number thereon, while twice as many would thrive and produce just as well then it is worth five hundred dollars to you to know how far apart to plant your trees; and if you are going to crowd twice the proper number thereon, then such knowledge will be worth much more.
The home orchard is planted with a general variety of fruits, and these are usually all placed at a uniform distance apart, which for convenience in cultivation may be all right, but very frequently also we find the same arrangement in the market orchard, which we believe to be a mistake.
Trees of small growth and upright form demand less room than trees of large growth and spreading habit.
The Prune being the hobby this season will first claim our attention.
In our experience we have planted these 16 1/2 feet apart each way or 16 1/2 x 18 1/2. Silver and Italian trees at the former distance with six years growth unless well cut back will reach so near each other as to make driving through the orchard for the fruit difficult, and the same will be true with the Petite at a year or two later. While the fruit may not be impaired thereby for a time, we are sure as the trees grow older more room will be beneficial to the crop. So our conclusion is that about 18 x 18 feet will be found a very satisfactory distance for planting the prune. This will give you 125 trees per acre.
Apricots being of similar growth to the prune we would place at about the same distance.
Next we will consider the Peach. This being of rather a dwarf growth is usually planted closer if planted alone, or is often interspersed with other varieties. Many persons plant the peach 12 x 14 or 12 x 16 feet, placing 200 to 230 trees per acre. This too will be found quite close as the trees acquire age and the limbs become drooped with their load of fruit, so put your peach trees a rod apart each way, 160 trees per acre.
The Pear being a strong standard tree needs room according to its strength. Geo. T. Powell of the Hudson river country says standard pear trees should not be put less than 25 ft. each way. Whether the tree will attain the size here it does there I am unable to say but this is more room than is usually allowed the tree in our orchards. While we have planted closer, we believe 20 x 20 ft., will not be found too far apart for this fine fruit.
Cherry trees will in time cover about all the ground at whatever distance planted; but give them enough room to do well for the first ten or fifteen years, say 18 x 20 ft. and by the time they get to crowding too much they will have well paid for their room.
Lastly we take up that most important of all fruits, the one just now much neglected by the orchardist—The Apple. This tree will not nearly attain the size here it does in the east and consequently does not require so much space. About 20 x 20 ft. apart will give your apple trees a chance to bear during the prime of life.
In all the varieties mentioned the distances favored will appear to some of you too great a waste of ground. Well if you want the greatest income possible for the first few years you may plant closer, for the trees will probably do as well and produce as much fruit if you do so.
But your orchard if properly cared for may be left a valuable legacy to your children when you are gone. The oldest trees of the country may be made to produce fruit equal in quality and far surpassing in quantity the orchard of a few years growth; and since it should be kept in a healthy, bearing condition many more years after the trees have attained a large size than before, it is the grown up tree we should have in our mind when planting, and should govern ourselves as to space accordingly.
After the reading of the paper an extended discussion of the subject followed.
Dr. A. MILLS. In California experience had proven that 16x16 was too close to set prunes. Pears and cherries, set 21x21 with peaches between. Although this space seemed wide, profitable crops could be raised between the rows. Ciel Cyrus Hoskins prune orchard to prove that 16x16 was too close for prunes.
Jas. LEWELLYN agreed with last speaker. Had adopted the plan of setting peaches between rows of cherries. Related

to his brothers cherry orchard at Mill-waukee set in 1802 a rod apart, many of the trees had been taken out to give room for others. These remaining are still healthy and bear heavy crops. 16x16 too close for Winter Nellis and Fall Butter pears while some other varieties may be set closer. 18 to 20 ft. for prunes.
H. COOPER. Many orchards appear too close because there has been no pruning done. Trees have been left to grow too much as they please in this country. We should educate the people up to proper pruning. 16x16 a good distance for peaches, prunes etc. then prune close and make a low top. Moderately close setting is good because the trees protect each other from sun scald.
Dr. MILLS. It is not the sun that causes the bark to burst, but the tree freezes on that side. Would prune 4 feet up at least, so the soil can be cultivated close to the trees. Nothing gained by limbing out low. Use a step ladder to gather fruit. Those planting trees should visit old orchards and see for themselves.
J. H. REES. Would lean the trees a little toward the 2 o'clock sun if any way. Something injures them on that side, let it be the sun or not.
E. W. WESSER. What is the proper depth to plant?
Dr. MILLS. Plant a little deeper than the tree stood in the nursery if the ground is dry and rolling say 2 to 6 inches, but if the ground is inclined to be wet don't plant so deep.
N. G. KIRK. Do you recommend planting peaches between the rows because you expect the peaches to be short lived?
In this peach trees that were well taken care of lived about as long as other trees. Low limbing don't save sun scald. Had seen trees injured by bark burning even above the first limbs.
E. W. WESSER. Will more fruit grow in an orchard set 16 x 16 than one set farther apart?
J. H. REES. The trees will bear as much set 16 to the acre up to nine years old as if set 120 to the acre. After that the latter setting will be the best.
H. COOPER. Trees die for the lack of underdraining the ground. Where trees stand in water they are more liable to sun scald. The water injures them in the winter and the hot rays of the sun finish them. Thorough underdraining is the thing.
PAUL MACY. A good idea to lean the trees to the southwest.
Jas. LEWELLYN. Would not train the top to protect the tree but would protect the body by wrapping or standing boards on the south side.
H. COOPER. Where the ground is rolling would plant same depth as the tree stood in nursery but in wet ground not quite so deep.
CHAS. MITCHELL. Peaches are of quick growth, bear early and full and consequently are short lived. Would set apples 20 x 20 and cherries farther apart.
On motion of Mr. Kirk the time fixed for the next meeting was Saturday Dec. 13th, at 2 o'clock. On motion of Mr. Cooper the subject chosen for discussion at next meeting was "Fruit Pests." On motion of E. H. Woodward the secretary was instructed to correspond with Mr. Dosch of Hillsdale, Mr. Varney of The Dalles, and Mr. Allen of Portland and invite them to attend our next meeting.
Coal in Chehalis.
M. M. Edwards brought to this office yesterday a block of stone coal four by six inches, that was taken from mother earth only two and a half miles from town on the Trullinger farm. Mr. Trullinger has been of the opinion that there was coal on his farm for some time and two days ago began to prospect for it. After digging down 12 ft. they found a vein a foot thick which has the appearance of increasing in thickness. The specimen brought in by Mr. Edwards appears to be of good quality. They are still sinking the shaft and we hope by next week to be able to chronicle a rich find.
LaFayette Items.
The beautiful rains have come at last and we have put our warts to work.
Hon. P. P. Gutes is attending court in Portland, having been drawn as a Juror.
Our city election results in the re-election of our old board with J. A. Huston for marshal and the probabilities are the city government will run along in the same old ruts another year.
Miss Griffin gave a very interesting elementary education in Littlefield hall last night to a full house.
Dr. Michaux has just been called by telegraph to Waback Washington to see a sick man.
Bishop Dozier will lecture in the Senior chapel on Thursday evening the 14th. He is highly spoken of as an eloquent and ventriloquist.
Old Thomas Henry a former resident of this place, who died at Salem a few days ago was buried here yesterday.
Mr. Wright and son of Newberg have opened a real estate office in Mr. Carpenter's new building.
Prof. Hartley of Newberg filled Rev. Williams pulpit here last Sunday morning to the satisfaction of all present. Come again brother Hartley.
Judge William's of Portland delivered a "lect" ure in the Presbyterian church Sunday night to a large and appreciative audience.
Union services were held in the Methodist church on Thanksgiving.
There are two photograph galleries in town now.
Dr. Littlefield and Miss Theodora Price were married on the 23rd of Nov. and are living in Portland.
Rev. C. C. Poling has moved to East Portland for the present.
Miss Judd and Miss Austin of Newberg were visiting with Miss Rosa Vickery last week.
POSEY.
A NEW PAPER.
THE YOUNG AMERICAN. A large, first class, illustrated Monthly Paper for Boys and Girls and the Family will make its first appearance November 1st. It will be carefully edited and its articles will be written by the very best authors. Its selections will cover the freshest and best things in the leading Magazines and Papers. It aims to furnish a supply of pure, wholesome, interesting and instructive reading, similar to that given in the "Youth's Companion," but at a much less cost. Each issue will contain ten (10) best class stories, and several brilliant serials will be given during 1911. A page devoted to the House will be sure to please every body. Those interested in Cycling will find something worth reading. In short, every member of the family will find something in it that will interest, amuse and educate.
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