

NEWBERG GRAPHIC.

ISSUED EVERY FRIDAY MORNING.

EDITORS AND PUBLISHERS:

E. H. WOODWARD & ORM. C. EMERY.

FRIDAY, JULY 15, 1892.

Entered as second class matter at the post office at Newberg, Oregon.

AN EXCHANGE says the white ant is possessed of the most extraordinary egg laying propensities of any known creature...

THERE has been considerable talk during the past year or two about water works for Newberg. That the town would be greatly benefited if we had water works is conceded by everybody...

CYRUS W. FIELD died at his home in New York city last Tuesday at the age of 72. The end was not unexpected as he had been failing for more than a year...

Mrs. Chenoweth and son, of Wallowa, were in Elgin Monday evening the guests of Mr. and Mrs. James Henderson.

This is the same man who escaped from the asylum and was captured in Newberg several months ago.

A Portland paper says Hon. C. W. Fulton will be president of the next state senate and Hon. W. P. Keedy speaker of the house.

W. P. Keedy is an old chicken of the dung hill breed who was counted in as speaker of the house several years ago by the vote of a part of the republicans...

WILSON CAPTURED.

To our home readers it will be stale news, but for the benefit of others we will state that Wilson, the murderer who escaped from the officers while on the road from McMinnville to Salem has been recaptured and is now safely lodged in the penitentiary at Salem...

Let us examine a few other considerations. Almost every dollar of the amount necessary to put this plan in operation will be spent in Forest Grove, among our laborers, mechanics and thence to our merchants. It will give employment to a large number of men and set business humming in such a lively manner as has never been known before...

After Wilson's arm was dressed at McMinnville by a physician he was taken to Salem by a force of eighteen men. Many believe that he is now insane and his actions indicate that this may be the case.

WATER WORKS.

We have been requested a number of times to say a word in favor of water works for Newberg but so far have said but little on the subject, for the simple reason that we have been at a loss to know what to advocate. Below will be found an article from the Forest Grove Times, written by a citizen of that town on the subject. We at our readers to read and consider the propriety of the same and how they would apply to Newberg.

"Everybody acknowledges that the one thing necessary to the great prosperity and continued good health of Forest Grove is a system of water works, which would supply our people with wholesome water from the mountain springs so easily accessible. Every consideration for the future of our beautiful city dictates the necessity of water works. There are few to deny that, but the question is how to get them. I am going to make a suggestion, which may at first startle the more conservative people, but I think I can show the good sense of it before I get through, and the wisdom of it also.

My plan is to ascertain as nearly as possible the amount it will cost to secure right of way and put in a first class water system to bring the water from the nearest accessible (and reliable) point, and distribute it throughout the city pure and with a good fire and garden pressure. Then bond the city for the amount sufficient to cover this cost fully, issue the bonds at five or six per cent on thirty or forty years time, with an option of paying in twenty years, and go ahead with the work of putting in the system as quickly as possible.

Now, Mr. Tax-grumbler, don't faint with the thought that I am proposing to tax the city property holders to death, because I am not in that proposition. It will not cost the city one cent in taxes, but in a very short time will be a source of revenue to the city, besides paying the interest on the bonds and providing a fund for paying the principal long before it is due.

Let me demonstrate: Inside the incorporation there are 225 voters. Every one of these is represented by a water using house (counting stores, shops, offices, etc.) With a water works in proper running order very few of these but would be connected with it. Each house at a low rate of water rent would pay \$1.50 a month on an average. Two hundred at \$1.50 each would be \$300.00 per month. The city recorder could collect this for an addition to his salary of \$25.00 a month; a first class engineer could be employed to run the works at \$100.00 per month. These would be a sufficient force and would leave to the city a net revenue of \$175 a month or \$2100 a year, which would pay six per cent interest on \$35,000 bonds.

That showing is to commence with, while no one will doubt that in a few years after such a water system is in operation, the population of the city will be doubled, as will also the number of consumers. The result financially is easily foreseen. A fund for the payment of the bonds can be created from year to year and a nice sum be appropriated besides to the payment of city expenses, making public improvements, and so on.

Do not make the claim that the above is a fancy picture. I need only point you to the private corporations that are amassing fortunes in other towns running water works. Not one of them is willing to let go, or sell out except at an immense price.

There are cities in this state paying large sums for hydrant water to private corporations holding valuable franchises through their streets. The said cities neglected the opportunity to put in their own water works in time, and private enterprise took advantage of them. I would have Forest Grove avoid the costly error.

Even though the works were not expected to yield as an investment, and that the city would have to pay the whole cost in thirty or forty years, I would still advise the step suggested. It would add one hundred per cent in two years to the value of property in the city; the same ratio to the population and general wealth; it will make possible the proper sewerage and draining of the city, carrying off surface and sink water, outside deposits, etc., thus preventing the contagious diseases which are sure to visit where shallow wells, water closets, surface pools and sink holes are intermingled in unpleasant closeness; it will provide a safe guard in case of fire, from which Forest Grove cannot always hope to enjoy immunity; it will furnish an opportunity to keep our lawn and flower garden green, blooming and cool the whole season, thus adding the only charm necessary to make our town a veritable paradise; it will bring to the hands of the household for cooking, bath and other household purposes, a full supply of water without the disagreeable and hurtful labor of pumping and pail carrying.

Let us examine a few other considerations. Almost every dollar of the amount necessary to put this plan in operation will be spent in Forest Grove, among our laborers, mechanics and thence to our merchants. It will give employment to a large number of men and set business humming in such a lively manner as has never been known before; it will do more than any other influence to attract desirable people to us for permanent homes, and will be beneficial in every conceivable manner. If we had a water system with a good pressure a great many small industries could be and would be started whose machinery could be run by water motors at light expense, and in fact numerous points of advantage suggest themselves which cannot be included in an article like this.

Dear reader, do not stop to inquire who writes this. Convince the suggestions and see if they are wise and proper. If so, it matters not who advances them. In fact, the members of the city council to kindly consider them and if found feasible, to give the people of the city a chance to express an official opinion on them.

I will recapitulate the reasons I believe Forest Grove should have a water works system.

They will not cost the city a dollar in taxes.

They will be a source of revenues to the city, thus leaving it free from taxes and from the necessity of licensing questionable places.

They will be cheaper to individuals in the end than maintaining wells, pumps...

The water will be far more wholesome

to drink than any well water can be in a country of so much decayed vegetable matter and where drinking water is found so near the surface.

They will enable the city to be sewered drained and kept clean.

They will make fine lawns, gardens, small fruit and vegetables more plentiful and easy to maintain.

They will immensely increase the population, wealth and comforts of the city.

They will give us a fire protection and a lighter insurance rate.

They will put money in circulation, give plenty of work and make general prosperity.

They will insure to the city perpetual rights in her own streets, and shut out corporations, which, when they once obtain a foothold, are forever scheming to control public affairs in their own interest.

There are many more advantages, but these will suffice for the present."

NOTES FROM FRUITS AND FLOWERS.

The largest apple tree and the largest story of an apple tree comes from Ches hire, Conn. The tree is about 150 years old, has 8 branches, 3 of which bear one year and 5 the next year. Once there were 110 bushels gathered from the five limbs, and at another time 85 bushels. The tree stands 60 feet high and is over 3 feet in diameter 1 foot above the ground. It is a seedling. The fruit, though small, has a good flavor.

There were nearly twenty million pounds of prunes imported in 1889, and over twenty-six million pounds in 1890. A few years ago Portland merchants handled fifty cases of prunes, weighing 1,400 pounds each, besides what were grown at home. The heavy duty has probably closed out the foreign importation, and we shall have a home market, sure. If we make entirely choice prunes and of the choicest varieties, we can not only prevent importation, but can find a market abroad, for our choice goods at really paying prices.

The codlin moth came from across the water over a century ago. Europe is sending us all the pests she has, and all the efforts of the government cannot prevent our land being infested and our fruits injured. It is claimed that we suffer more from such evils than do states that have colder winter climate; but to read eastern journals they do not seem to possess immunity from all that we suffer, while they certainly suffer from many evils that have not yet reached this coast. Eternal vigilance alone can keep off the various evils that threaten the producer, and it will be his own fault if he does not avail himself of prevention.

Every home that has a square rod of ground to command should possess an early garden to supply some of the luxuries that spring can furnish. Few know how much pleasure and satisfaction even in our cities there are a few homes that cannot cultivate enough land to supply beautiful flowers and berries and vegetables for a small family, and the exercise necessary will bring health and help to wealth. Besides this, such gardening is instructive, for when you understand gardening you have a rich field of information that is always valuable and useful.

When trees come from the nursery they must have broken roots, or roots broken off roughly and not smoothly cut off. All such trees need to be carefully pruned as to the roots, before they are planted. Cut off the roots smoothly in every case, so that the cut made will be down when the trees are set out. Roughly broken roots are apt to decay, at least as far as the broken roots are, and to insure that no dead wood will be formed, make a smooth cut wherever the roots are broken.

Pyrethrum powder is growing in favor as an insecticide. It is composed of the dried flowers of the pyrethrum. It grows in Dalmatia, Persia, but is extensively cultivated in California. It is known as Persian or Dalmatian insect powder, but the California brand is called bulach. It possesses an oil or volatile principle that kills insects by contact. It may be used as a dry powder, as a fume, as an alcoholic extract diluted, as a tea decoction, or in solution in water, the latter being most efficient. Half an ounce imparts two gallons of water the insecticide principle so strongly, if properly applied, as to destroy all insects not protected by hard or hairy skins, including cabbage or currant worms and young canker worms.

A Boston man writes Orchard and Farm that California fruit can find a certain and paying market in this city, and intimates that it is considered very superior. A man just from Iowa told the writer that last fall he bought some California pears to take home for a treat, and found them coarse and tasteless, so they were worthless. Boston and Iowa customers must wait in patience until Oregon fruit gets into their market, when they will know what the Pacific Coast can do in the way of fruit-growing.

The much-abused San Jose scale seems to be going the way of all bugs at a rate rather hard on the scale family. All the scales are said to be victims of natural enemies of theirs, who, however, are friends of fruit growers. The natural foe of these various scales are said to have rendered them harmless and few in numbers. They are being exterminated, in fact, and it is to be hoped every other pest of the orchards will find some natural enemy to devour it and give the much tormented orchardist rest and peace.

OBSERVATIONS ON THE CODLIN MOTH AND HOT LOUSE.

COVALLIS, ORE., May 30, 1892.

EDITOR RURAL NORTHWEST.—It may be of interest to your readers to learn that the first codlin moth came out of pupa stage in an out-of-door breeding cage May 10th. In this cage they get practically the same conditions they would naturally have. After the 10th they came out rapidly. In a jar on my table I have three of the moths which have lived for over five days and they are evidently good for a day or two more. On the night of the

25th and during the 26th, one or two of these moths began laying eggs on the side of the jar, each egg being stuck to the glass and enclosed in a small mass of gelatinous matter, yellowish or light brown, which hardened on exposure to the air. They have not hatched yet, and probably will not hatch until they have been laid ten days. We sprayed for the first time on May 26th using a variety of mixtures, the comparative excellence of which we propose to test.

From the above data it would seem that the first spraying this season should have been thoroughly done before June 4th or 5th, or preferably before the egg laying, for if the newly hatched worm should consume only a small portion of this gummy secretion in which the egg is enclosed, before he starts into the apple, there is quite a chance of his not getting to the outside of the mass, which, together with the rest of the surface of the apple has been treated with poison.

One word about the hop louse. On May 16th and 18th we received specimens of the genuine hop louse found on plum trees from T. D. Linton, Eugene, and Capt. C. Wuesthiner, Napavine, Washington. On May 23rd another assignment came from S. A. Clarke, with the statement that they were being found in prune orchards about Salem. On May 28th a second letter was received from Mr. Linton advising us that he had found (presumably a few days before) winged and wingless forms on the hops, the former giving birth to the latter.

F. L. WASHINGTON.

WEATHER BULLETIN, NO. 15.

WESTERN OREGON.

The week has been cool, partly cloudy and on the 11th showers prevailed. The temperature has averaged from three to five degrees below the normal. Unusually fresh winds prevailed.

There has been a deficiency in the amount of sunshine. The cool weather was extremely favorable to growing vegetation and did much to help it. The showers on the 11th were not well distributed, nor were they heavy enough to be of that benefit that is desired. More rain within the next five days would improve the condition of cereals and root crops fully 20 per cent. Spring wheat will hardly be over 70 per cent of an average; fall wheat indicates about 85 per cent of an average crop.

Heading has begun in Jackson county; the wheat is not turning out very well. The condition of corn has improved considerably, it is in tassel and it now offers better prospect. Oats, barley and rye are good crops, but not an average.

The second crop of alfalfa is being cut, and where it has been irrigated, is turning out very well. The timothy, clover and grain hay are about all cut and secured and, as a rule, very good crops were obtained. Hops are growing well, hop lice are becoming more plentiful, though in a few localities they are not so bad yet as they were last year; if the lice are conquered, there will be a good yield of hops.

Peaches will be ripe in a few days in southern Oregon. Strawberries are about over. Rasp and blackberries are yet plentiful. Early apples are ripening. Cherries are now in their height of season; the Royal Ann and Black Republican are not as prolific this year as common, and are not the size and flavor as usual.

EASTERN OREGON.

Cooler, partly cloudy weather, with an occasional shower, prevailed during the week. On the morning of the 6th a killing frost occurred on higher plateaus, 3000 feet and upwards, in the counties east and south of the Blue mountains, doing some damage to tender vegetation.

The cool weather and partly cloudy sky have been of great benefit to growing grain. General and heavy rains would yet be of inestimable good to much of the grain, especially that sown late in the spring; in the absence of rain, the prevailing conditions are the most favorable. It is generally conceded that in all sections a half crop at the least will be harvested; to the east of Pendleton about an average crop is estimated. In Union and Willamette counties the grain crop is fully an average.

Heading has commenced in a few localities, but will not be general until next week. Corn is doing very well. Having is about finished. The wool clip is being shorned. Sweet corn is ripe about the Dalles.

Range feed is good and stock is in excellent condition. With continued cool, partly cloudy weather, and no rain falling, the wheat crop, while not an average, will be fair; with good rains the yield will be very good.

The rivers continue to fall. Wells and streams are becoming very low.

F. S. FROST, Observer.

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A COMPARATIVE STATEMENT.

The following figures show the comparative standing of Yamhill county as shown by the clerk's books, for the past two years, ending July 1st:

STATEMENT OF 1892.

Table with 2 columns: Item and Amount. Includes Paid on roads and bridges, Indigent account, Insane account, Sculp bounty, Circuit Court, Justice's Court, Coroner's inquest, Stationery and printing, School superintendent, Assessor, County Commissioners, County Judge, Sheriff, Clerk, Treasurer, Elections, Fuel, District Attorney, Miscellaneous.

Total, 37,848 98

Recapitulation for 1892:

Amount of warrants drawn and not returned, \$25,373 64

Amount of warrants not drawn, 1,685 43

Total liabilities, 27,059 97

In treasury to pay warrants, 13,200 37

Recapitulation of July 1st, 1891:

Orders not drawn, 1,391 12

Orders drawn and not returned, 14,329 25

Total liabilities, 15,730 37

In treasury to pay warrants, 6,231 38

Annual statement of county treasurer for year ending July 1st, 1892:

RECEIPTS.

On hand July 1st, 9,395 05

Warren taxes 1891, 89,321 61

" 1890, 1,794 64

" 1880, 54 68

" 1888, 13 80

" 1887, 12 00

" 1886, 9 20

Metschan state school fund, 6,235 00

Baker institute fund, 90 00

All miscellaneous sources, 3,334 85

Total, 101,262 03

DISBURSEMENTS.

County warrants, general fund, 426,480 62

Interest, 1,396 23

School warrants, Co. fund, 15,154 55

" State fund, 6,235 00

" Institute fund, 236 50

Co. warrants, indigent soldier fund, 25 00

Road fund, 10,759 85

State tax, 27,733 91

Balance on hand, 19,263 97

Total, 101,262 03

Amount on hand is divided as follows:

General fund, 2,346 02

School fund, 9,981 25

Road fund, 1,775 26

Indigent soldier's fund, 57 74

Total, 101,262 03

—Reports.

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