

BEAVER STATE HERALD

Succeeding Gresham Vindicator, Gresham Gazette, East Multnomah Record, Multnomah Record and Montavilla Herald.

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H. A. DARNALL, EDITOR AND MANAGER.

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CORRESPONDENTS are wanted in every community. If no correspondence appears from your neighborhood, you are respectfully requested to send us as many local items as you can.

ADVERTISING RATES. LEGAL ADVERTISING, set in headed six point, 10c per line first insertion; 5c per line each subsequent insertion. DISPLAY ADVERTISING—No position guaranteed—2c per single column inch each issue. Liberal discount allowed for either time or space advertisements, but not both.

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All Lodge, Grange, School, Church, or other notices or advertisements of socials, parties, dances, concerts, theatricals, etc., given for a profit, charged for at regular rates.

In order to insure change of ad. advertisers must have copy in this office not later than Tuesday preceding day of publication.

JOB PRINTING is our specialty. We are well equipped to do the best work at current prices. Especially farmers' and business men's Letter Heads, Envelopes, Butter Wrappers, Statements, etc., in small or large quantities. Auction Bills, Bidders, Posters, etc., printed on short notice.

RECEIPTS for subscriptions are not sent unless requested. The label on your paper will indicate within two weeks the receipt of your remittance. If it does not please notify us.

DISCONTINUANCES. In keeping with well recognized business principles, all subscriptions will be stopped promptly upon expiration of time paid for.

EDITORIAL COMMENT

One of the most attractive features at the State Grange meeting was the display of denatured alcohol appliances. The tables holding this display were surrounded all the time and told a story without words—the interest the people have in this subject. There were lamps, stoves, irons, chafing dishes, and heaters of various sorts that tell of the possibilities in the conveniences made possible by these applications. People are waking up to the advantages of a clean, safe fuel and lighting substance. And yet at present the main thing that prevents immediate throwing out of all lamps of the oil burning sort and substituting the superior sort.

This leads, of course, to the investigation of the production of alcohol and its expense. Of all the materials that yield alcohol those containing starch can be used most profitably. These include the grains, potatoes, cassava and fruits. Our fruits yield a smaller amount of alcohol in the fermentative process but it is produced directly from the sugars of the fruits. Starchy substances must undergo chemical changes in which the starches are changed to sugar and then converted into alcohol by fermentation. Damaged grain and culled potatoes are abundantly sufficient to use in this production and still yield a good profit to both the farmer and manufacturer. It is suggested that the factory that manufactures alcohol should or would probably find it profitable to buy all kinds of potatoes, sort them, and then use the culls for distillation.

As a result of the distillation a considerable waste must occur. This is the residue after the starch has been changed to sugar and converted into alcohol. It contains the most valuable part of the grain or potato for muscle-building. In many places this residue is saved, dried and used as food at a fair profit to the factory.

But this is not all. The manufacture of starch from the potatoes might be made a matter of first importance. Following this we might save the waste and convert a goodly portion of it into alcohol. The starch from a bushel of potatoes would amount to about six pounds, worth at retail prices about 10 cents per pound. Still another use of the unconverted residue is to preserve it as a yeast and as a result have a by-product that would be even more valuable than the alcohol.

We suggest that further information may be had on this subject by applying to the State Agricultural College for its bulletin on the subject of Denatured Alcohol.

The town had a little scare last week on account of a fire that turned out to be insignificant, but which might have been serious. The interesting thing about it was the speed our fire boys showed in getting into place and getting onto the street with the cart. It was surprising how such speed could be developed in such a short time. Have these fellows been taking advantage of the nighttime to develop their skill in handling the fire apparatus?

The fine rains of the last week will do an unlimited amount of good and they are not untimely. The spell of good weather that has passed has offered a fine opportunity for the clearing of gardens and fields of all weeds and for working up the soil. It comes at a good time. If it were delayed a few weeks the berries would not only suffer from want of moisture while developing but they would stand a good chance of being spoiled after having matured.

We are inclined to think our nights have been cool. Why should we complain. A few miles to the east of us snow caps the foothills and along the

We wish to say however that the trip to McMinnville is one that everyone would enjoy. The hospitality of the people was commendable and their general interest in the comfort of their Granger guests marks them for another visit from the order when the opportunity seems appropriate.

Lents Grange met Saturday, May 8, as usual and passed an unusually good session. The morning hours were spent in regular business work and initiation in the third and fourth degrees. Seven candidates completed the work and the over a dozen new names were presented for the initiatory next time. After the dinner hour a program prepared by the lecturer was offered. Discussion centered on the subject of difficulties to be overcome in the garden. Fertilizing of the soil, insect life, planting, preparation of the soil, land plaster and a few other things. The interest developed carried through the hour. Mrs. Hinman, of Clark's Station, rendered a couple of readings, and then a discussion of the dining hall annex was taken up and passed. A new dining room can be placed over the ware room now being built at a cost of \$195, and during the noon hour the amount necessary to its completion was guaranteed by the various individuals present. Over \$30 had been raised since the last meeting and no difficulty was anticipated.

The Educated Farmer.

We have appealed to the farmers time and again upon the subject of education and presume we can put the matter in no stronger form than we have heretofore done, but we are so frequently impressed with its importance and value that we do not like to have a young man who expects to become a farmer fail to receive his full share of this great blessing. The business of farming has become one that almost requires it. The very methods that made a farmer successful half a century ago would lead him to absolute failure now, and the stock argument that our fathers and grandfathers were prosperous farmers without education has no force whatever under the present changed conditions. The process then was mainly the transferring of valuable elements of the soil into crops and products for the market and was largely a muscular exertion. The process today is one requiring knowledge and skill in applying fertility to the soil as well as in extracting it in the form of crops, while the contest against animal diseases, insects and fungus pests calls for the best scientific knowledge upon the subject.

The opportunities for obtaining an education were never greater than at the present time. Our training schools are vying with each other in advantages, and a college education can be had upon more favorable terms than ever before. The agricultural colleges offer free scholarships to a certain number of students and something in addition towards paying expenses. They are becoming better equipped for teaching agriculture and there is an increasing demand for this kind of an education, but there still needs to be a vast amount of preliminary work done before the farmers appreciate the real advantages of these institutions. They used to be brought nearer the people in some way and made more popular in the public mind.

The educated farmer becomes a leader in the affairs of his town and exerts an influence upon its public affairs. He may be no better judge of oxen than his uneducated neighbor, but when it comes to contests in the town meeting or in public gatherings of any kind he will exercise his reasoning powers to the disadvantage of his opponent. He will be able to settle estates, draw legal documents and do a thousand things that will be needed in his town and derive pleasure and perhaps some profit thereby. He will derive benefit from experiment station bulletins, agricultural books and papers, that will be lost by the untrained mind. He will derive pleasure from the perusal of books that will afford no interest to the person without an education. The enjoyment derived from mental activity is the highest type of enjoyment.

We have given this matter of a farmer's education much thought and have heard the oft-quoted saying that education tends away from the farm and into industries where there has been greater scope for mental activity. That may have been true to some extent in the past, but it will not be true in the future if the boy is given the right kind of an education. We have a deep interest in the farmer boy and want him to be fitted in the best possible way for a life of usefulness and happiness. This will not be by money left him by hard-working parents, but it will be through the means of a good education, thus fitting him to be more useful to his town and state and more useful to himself. A few hundred dollars spent for his education is better for him than as many thousands in the bank. The former will always be a blessing to him and the latter is very likely to be a curse.—From National Grange Editorial.

GATES CROSSING.

L. R. Bond has traded his property here for a ranch near Hillsboro. He is to move the latter part of the week.

Miss Jessie Hamilton is at home again after a prolonged stay in Portland under the doctor's care. She seems to have entirely regained her health.

The Sunday School voted last Sunday to observe Childrens Day with appropriate exercises. June 13th is the day which will be devoted to the children by all the churches and Sunday schools throughout the United States.

J. A. Clancy and family of Portland will spend the summer here. He has built a tent-cottage on a beautiful track of woodland owned by his father-in-law, W. H. Lawson.

The Mt. Scott W. C. T. U. is to hold a medal contest Friday evening at District No. 45 schoolhouse.

Barriek & Co. report that they will commence running a delivery wagon next week. They expect to cover the surrounding territory twice a week.

Kerosene is a splendid aid in the cleaning of windows.

Into a basin put two tablespoonfuls of kerosene and two of water. Wash with a soft cloth and dry with a newspaper. This process will remove flyspecks from both glass and paint better than water and soap do, and leaves the glass with a better polish.

GRANGE DIRECTORY

Oregon State Grange Officers.

Master, Austin T. Buxton, Forest Grove
Overseer, A. T. Shumaker, Central Point
Lecturer, J. J. Johnson, Portland
Steward, W. A. Young, Astoria
Assistant Steward, E. W. Staats, Astoria
Chaplain, Oscar Eaton, Oswego
Treasurer, Hirschberg, Independence
Secretary, Mrs. Mary S. Howard, Mullino
Gate Keeper, L. S. Lambert, Station
Famous, Mrs. Lulu E. Miller, Station
Ceres, Mrs. Cora Legg, Station
Flora, Mrs. State Wells, Station
Lady Steward, Mrs. E. K. Brown, Clatskanie

EXECUTIVE COMMITTEE.
Austin T. Buxton, Forest Grove
C. E. Spence, Forest Grove
Eugene Palmer, Albany

LEGISLATIVE COMMITTEE.
Austin T. Buxton, Forest Grove
A. J. Mason, Forest Grove
F. M. Gill, Estacada

PLEASANT VALLEY GRANGE No. 348. Meets second Saturday at 7:30 p. m., and fourth Saturday at 10:30 a. m., every month.

ROCKWOOD GRANGE. Meets the first Wednesday of each month at 8 p. m. and third Saturday at 10 a. m.

MULTNOMAH GRANGE, NO. 71. Meets the fourth Saturday in every month at 10:30 a. m. in Grange hall, Orient.

CLACKAMAS GRANGE meets first Saturday of each month at 10:30 a. m., and third Saturday at 7:30 p. m.

FAIRVIEW GRANGE. Meets first Wednesday at 8:00 p. m., third Tuesday evening at 8:00 p. m., each month.

RUSSELLVILLE GRANGE, NO. 354. Meets in Russellville schoolhouse on the second and fourth Saturday nights in each month.

EVENING STAR GRANGE. Meets in their hall at South Mount Labor on the first Saturday of each month at 10 a. m. All visitors are welcome.

GRESHAM GRANGE. Meets second Saturday in each month at 10:30 a. m.

HAMPSHIRE GRANGE, NO. 280. Meets first Saturday each month.

LENTS GRANGE. Meets second Saturday of each month at 10:30 a. m.

CLACKAMAS GRANGE, NO. 298. Meets the first Saturday in the month at 10:30 a. m. and the third Saturday at 7:30 p. m.

COLUMBIA GRANGE, NO. 267. Meets in its Grange hall near Corbett.

(Granges are requested to send to The Herald information so that a brief card can be run under this heading free. Send place, day and hour of meeting.)

CHURCH NOTICES.

FREE METHODIST CHURCH.—Rev. S. J. Roper, pastor. Services, Sunday School, 10 a. m.; Preaching every Sunday at 11 a. m. and 8 p. m. Prayer meeting, Thursday evening at 8 o'clock. All welcomed.

SANT MICHAEL'S CATHOLIC CHURCH, Sandy, Ore.—Rev. Berchold Durrer. Services will be held on the first Sunday of each month at 10:30 a. m.

ZION'S EVANGELICAL CHURCH, Gresham—Services (German), 10:30 a. m., every first, third and fifth Sundays of each month. All welcome.

LINDEMANN MEMORIAL M. E. CHURCH, Gresham—Pastor, Rev. M. B. Paroungian. Services, Sunday School, 10 a. m.; Preaching at 11 a. m. and 8 p. m. every Sunday. Prayer meeting, Thursday evenings at 8 o'clock. Everybody invited.

Whooping Cough.

This is a more dangerous disease than is generally presumed. It will be a surprise to many to learn that more deaths result from it than from scarlet fever. Pneumonia often results from it. Chamberlain's Cough Remedy has been used in many epidemics of whooping cough, and always with the best results. I believe McKee of Harlan, Iowa, says of it: "My boy took whooping cough when nine months old. He had it in the winter. I got a bottle of Chamberlain's Cough Remedy which proved good. I cannot recommend it too highly." For sale by Gresham Drug Co.

PROTECT YOURSELF AGAINST LOSS BY Fire!

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OREGON FIRE RELIEF ASSOCIATION
John Brown, Rockwood, Agent
For Eastern Multnomah and Clackamas Counties.

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via the
OREGON RAILROAD & NAVIGATION COMPANY
OREGON SHORT LINE AND UNION PACIFIC RAILROAD
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Portland, Seattle, Spokane, Tacoma, Walla Walla and all points on The O. R. & N. line

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To KANSAS CITY and return \$60.00
To ST. LOUIS and return - - \$67.50
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and to other principal cities in the East, Middle West and South. Correspondingly low fares.

On Sale June 2, 3; July 2, 3; August 11, 12
To DENVER and return - - \$55.00
On Sale May 17, July 1, August 11

Going transit limit 10 days from date of sale, final return limit Oct. 31. These tickets present some very attractive features in the way of stop-over privileges, and choice of routes; thereby enabling passengers to make side trips to many interesting points enroute.

Routing on return trip through California may be had at a slight advance over the rates quoted.

Full particulars, sleeping car reservations and tickets will be furnished by any O. R. & N. local agent, or
WM. McMURRAY, GENERAL PASSENGER AGENT, PORTLAND, OREGON

The Central Hotel

GRESHAM, OREGON

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Changes have been made. You will find the Hotel clean and inviting

Best of service in every way.

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Tired Wheels

BIG TIRES, HEAVY TIRES,
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Everything You Want in Tires

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The largest typewriter concern in the world offers the best typewriter in existence for 17 CENTS A DAY. This certainly places a premium on PENNIES! It recognizes honesty as a commercial asset.

Simply save the small change that now slips through your fingers and own the magnificent new OLIVER No. 2.

The \$100 typewriter with its wealth of exclusive conveniences.

The 100 per cent practical typewriter, with its wide range of practical uses.

The sturdy machine with record speed that writes in an undertone. Its worth twice the price of the next best typewriter—yet it costs a day will buy it. Never was a greater incentive to SAVE yet to better the people of America. Nor was there ever a more valuable object lesson evolved to prove.

The Purchasing Power of Pennies

The present tendency is to think in new figures. To lose sight of the 100 CENTS that go to make up the dollar. To forget the purchasing power that is lost in pennies, nickels and dimes.

"17 cents a day" selling plan turns this power to worthy purpose.

The Oliver Typewriter Company feels safe in putting this plan into effect because it banks on your business sense.

The OLIVER Typewriter

The Standard Visible Writer

Our confidence in you is born of our satisfactory dealings with thousands.

So we offer the Oliver Typewriter for a small cash payment and treat you for all the rest.

This is not a mere "pre-arranged" plan. It is a plain, straight-forward, business getting proposition. It broadens the market for Oliver Typewriters by interesting those who have not thought of buying machines. It makes Oliver the household name HOME as well as OFFICE.

It opens up new money-making opportunities to ambitious people everywhere. And we are just as glad to sell a machine for 17 cents a day as to have the cash with the order.

If you want to know more about The Oliver—ASK THE USERS. There are a quarter of a million of them—each an Oliver enthusiast. See the nearest Oliver agent for details of our new "17-cents-a-day" plan, or address

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1326 First Avenue, Seattle, Wash.

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PATENTS

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