

BEAVER STATE HERALD

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

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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, Doggers, 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 appliances. 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 cull 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

western edge of Washington and Yamhill counties the coast range shows a blanket of white. Down here in the valley we must of course feel some of the discomfort arising from the surrounding chilliness. But these have been great days for the farmer. He has not been compelled to sweeter in heat while he got his fields into shape this season. A full day's work and yet as fresh as at morning.

GRANGE NEWS.

The State Grange convened this week at Mr. McMinnville's. A large number of Multnomah people were in attendance, among the number being H. E. Davis and wife, Mrs. Kronenberg, E. L. Thorpe and wife, J. D. Chitwood and wife, J. J. Johnson and wife, R. W. Gill, Judge Crawford, E. N. Emery, Fred Anderson, John and Julia Mickelson, H. W. Snashall, W. A. Young and H. A. Darnall. The work of the session began with a surprisingly good attendance from all over the state. Only one county was unrepresented. The second day of the meeting enrolled about 200 persons.

The first day's work consisted largely in arranging committees for the routine work of the meeting and the presentation of resolutions. State Lecturer J. J. Johnson called the meeting to order and told the patrons that the Master, Austin T. Buxton, would not be present owing to his sickness. But it was revealed that Mr. Buxton was on the road to recovery, and that in all probability would be out to one session of the meeting. Ex-Master Leely was called on to preside and the work of the session was at once under way.

Among the many topics that were presented for discussion those from this county were not of least importance. The question of payment of dues on those members who were delinquent, of dropping members on request who were in good standing, and one from Gresham calling for work on the part of the legislative committee in securing the adoption of a law regulation of automobiles—within city limits and at corners, were all taken under consideration by the committees and will come up at some time during the meeting.

During the first evening of the meeting a reception was held at the opera house. An excellent program was presented by the citizens and officers of the Grange. Many interesting points relative to the growth of the order, its work and purposes were brought out and the general good attention accorded all participants in the program evidenced the high esteem in which the order is held.

The notable event on Wednesday was the election of C. E. Spence to succeed himself as a member of the executive committee. As the Herald representative could stay no longer than Tuesday afternoon, further report of the proceedings will be held for next week.

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 Grange 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. Himman, 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 water room now being built at a cost of \$105, and during the noon hour the amount necessary to its completion was guaranteed by the various individuals present. Over \$50 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 need 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.

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. Barriock & 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. Johnson, Central Point
Lecturer, J. J. Johnson, Portland
Steward, W. A. Young, Astoria
Assistant Steward, F. W. Staats, Astoria
Chaplain, Oscar Eaton, Clatskanie
Treasurer, H. Hirschberg, Clatskanie
Secretary, Mrs. Mary S. Howard, Multnomah
Gate Keeper, L. S. Lambert, Dayton
Fomone, Mrs. L. J. Miller, Dayton
Ceres, Mrs. Cora Legg, St. Helens
Flora, Mrs. Susie Wells, Clatskanie
Lady Steward, Mrs. E. K. Brown, Clatskanie

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

LEGISLATIVE COMMITTEE.
Austin T. Buxton, Forest Grove
A. J. Mason, Hood River
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 at 10:30 a. m., and third Saturday at 7:30 p. m.
FAIRVIEW GRANGE.—Meets first Wednesday at 10:30 a. m.; third Tuesday evening at 8 o'clock, each month.

RUSSELLVILLE GRANGE, No. 338.—Meets in Russellville schoolhouse on the second and fourth Saturdays in every month.
EVENING STAR GRANGE.—Meets in their hall at South Mount Tabor 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.
DAMASCUS GRANGE, No. 296.—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. 297.—Meets in all day session first Saturday in each month in Grange hall near Barrett.

(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. G. Koper, 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.

SAINT 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.

LINSEMAN MEMORIAL M. E. CHURCH, Gresham—Pastor, Rev. M. B. Paroungarian. 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. Delbert McKevig 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.

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