

Grange Column.

GRANGE DIRECTORY.

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counties do the same with the same success? The Grange has accomplished a great deal in Marion county. Important legislation has been secured through the agency of Salem Grange. In Yamhill county the order is in a healthy condition. At McMinnville they started a co-operative store and in twenty months \$1,100 grew to \$3,300. That was a grand success from small beginnings. Way out in Southern Oregon our friends got together \$300 by some entertainment and with that for a start they went to trading and to-day have a large business. They had to compete with a Jew who had got rich there, but in a few months they made him come down 25 per cent. in his charges and had earned the blessings of the whole community. These things have been done and there is a great field yet open for labor. Salem talks of a co-operative store and the farmers around there can easily sustain one if they are so inclined.

Report of Secretary of Linn County Business Council, P. of H.

To the officers and members of the Linn County Business Council, P. of H.: Brethren—Your Secretary has prepared and begs leave to submit the following report of the proceedings of the Council for the year ending December 31, 1883, to-wit: Whole number of meetings during the year, eight; special meeting one; whole number of subordinate Granges entitled to representation at the present time, sixteen. Willamette Grange being on the roll, but not complying with article four of the constitution of this body, is considered as an unaffiliated member. Whole number of Granges represented and number of delegates present from each subordinate Grange and places of meeting of the Council during the year are as follows: January—Knox Butte, seven Granges represented, namely: Harmony, Sand Ridge, Charity, Knox Butte, Santiam, Grand Prairie No. 10. Whole number of delegates, twelve. February—Place of meeting, Harmony; whole number of Granges represented, twelve; namely: Harmony, Sand Ridge, Knox Butte, Santiam, Oak Plain, Soap Creek, Grand Prairie No. 10, Harrisburg, Tangent, Lebanon, Siuslaw. Whole number of delegates, twenty-one. March—Place of meeting, Sand Ridge; whole number of Granges represented, eleven; namely: Sand Ridge, Harmony, Jordan Valley, Knox Butte, Oak Plain, Soap Creek, Grand Prairie No. 10, Harrisburg, Tangent, Lebanon, Siuslaw. Whole number of delegates present, twenty-one. April—Place of meeting, Lebanon; whole number of Granges represented, twelve; namely: Scio, Harmony, Jordan Valley, Sand Ridge, Charity, Santiam, Oak Plain, Grand Prairie No. 10, Harrisburg, Tangent, Lebanon, Siuslaw. Whole number of delegates present, thirty. May—Place of meeting, Harrisburg; whole number of Granges represented, ten; namely: Harrisburg, Harmony, Jordan Valley, Charity, Knox Butte, Oak Plain, Grand Prairie No. 10, Tangent, Lebanon, Grand Prairie No. 26. Whole number of delegates present, twenty-two. June—Place of meeting, Charity; whole number of Granges represented, nine; namely: Charity, Harmony, Sand Ridge, Knox Butte, Santiam, Oak Plain, Grand Prairie No. 10, Harrisburg, Tangent, Lebanon. Whole number of delegates present, nineteen. July—Special meeting, place of meeting, Albany; whole number of Granges represented, nine; namely: Harmony, Sand Ridge, Santiam, Oak Plain, Soap Creek, Grand Prairie No. 10, Harrisburg, Tangent, Lebanon. Whole number of delegates present, twenty-one. November—Place of meeting, Santiam; whole number of Granges represented, eleven; namely: Santiam, Scio, Harmony, Jordan Valley, Sand Ridge, Charity, Knox Butte, Oak Plain, Grand Prairie No. 10, Harrisburg, Tangent, Lebanon. Whole number of delegates present, twenty-one. December—Place of meeting, Grand Prairie No. 10; whole number of Granges represented, thirteen; namely: Grand Prairie No. 10, Scio, Jordan Valley, Sand Ridge, Charity, Knox Butte, Santiam, Oak Plain, Soap Creek, Harrisburg, Tangent, Lebanon. Whole number of delegates present, thirty. You will see from the above attendance at all the meetings of the Council during the year. Scio missing six Jordan Valley three. Sand Ridge two, Charity two, Knox Butte two, Santiam two, Oak Plain one, Soap Creek five, Harrisburg one, Tangent one, Siuslaw six, Grand Prairie No. 26 eight, Willamette and Mono No. 25 not being in attendance at all during the year. Average number of Granges in attendance at each meeting, 10; average number of delegates in attendance at each meeting, 22-9.

During the year Grand Prairie No. 26, and Mono, No. 25, have been admitted to full membership in the Council. The amount paid to Secretary of Council by subordinate Granges as dues of said Council, \$17. Your Secretary would further report that there has been during the year seventy-one motions and resolutions adopted by your body, and twelve repealed, and that your President and Secretary have not failed to be in their places at every meeting of your Council during the year. All of which is submitted in faith. NIMROD PAYNE, Sec'y. JANUARY 5, 1884.

VACANT LAND.

A large amount of vacant land may be found in the Willow Creek country, Umatilla county. The town of Heppner is in the midst of this section. The Heppner Gazette, published there by J. W. Redington, can be had at \$2.50 a year, \$1.50 for six months, \$1 for three months. Subscriptions may be left at the Farmer's office. FARMER and GAZETTE \$4.00 a year. N. P. Sec'y.

Horticultural.

CRANBERRY CULTURE.

We met, a short time ago, a gentleman from Pacific county, W. T., who gave an interesting account of efforts making at cranberry culture in that vicinity. This is a business that requires great care and expense in preparing the ground. The place chosen is old sea beaches on the Peninsula between the ocean and Shoalwater bay, where sandy ridges have been thrown up by the ocean, and between the ridges are narrow valleys of rich muck. This is the home of the wild cranberry and attracted attention on that account. A man from New Jersey was sent up to examine the locality who pronounced it favorable. He was a German 75 years of age and has been for forty years engaged in cranberry culture. The means was furnished to put twenty acres in good condition, which was done by taking off four inches of top muck and replacing it with sand, at a cost of \$300 an acre, or even more. This fall, the ground being ready, a shipment was made from the East of forty-four barrels of cranberry vines, which are to be cut up and planted as cuttings. The men who are doing this are named Chihean, uncle and nephew. It is probably the best experiment of the kind ever made on the coast and will be likely to prove very successful. If so it will lead to similar operations on a much larger scale.

Lye as a Winter Wash for Trees.

Complaint has been made that in some instances the use of lye as a wash for trees infested by scale insects, has proved injurious to the buds. We do not doubt that this is true. Lye is one of those very useful agents that must be handled with discretion, and with due regard to the condition of the trees and the object to be attained. In the first issue of this paper will be found this sentence: "Owners of trees infested by insects, should beware of spraying them with strong lye after the buds swell, as there is great danger of serious injury in so doing. The safer rule is to apply lye as a spray only, to deciduous trees in winter, when they are perfectly dormant. Hundreds of authentic cases can be cited where dormant trees have been thoroughly washed with concentrated lye, one pound to the gallon of water, without apparent injury to the trees, but with very great benefit. We infer, from published results of experiments, that the apricot and peach come under this head, but we cannot speak from personal experience. Their reputed tenderness may arise from the fact that the sap stirs in them earlier than some other trees, and a date, which might be safe for spraying the apple, would be late for them. Even when the buds are swelling, there is no uniform rule as to the danger of injury. We have scathed apple trees badly, while plums, treated at the same time, were unhurt, although the latter were so far advanced as to show white lines between the bud-scales. The liquid used for spraying should be well stirred before taking it from the vessel in which mixed, and frequently in the barrel or tank in which it is carried through the orchard; otherwise the strength of it, as used at different stages of the work, may vary greatly. Neglect of this precaution will account for much of the mischief attributed to lye. The strength of the lye needed to destroy scale insects seems to vary considerably with the species to be killed, the season of the year, and, as Prof. Hilgard has pointed out, the weather at the time of spraying and for some time after. At San Jose the best results seem reached with one pound of commercial concentrated lye to one gallon of water for Aspidiotus perniciosus. We have used the same on apple trees in the University orchard, with indifferent results as to killing the common apple scale, Aspidiotus conchiformis. Last winter, on the other hand, one-half pound to a gallon was there applied to the pear-infested by both the apple scale and the white or pear scale, Aspidiotus rapax, and nearly a clean sweep was made of both species. In this latter case, for some weeks following the application, there was quiet weather with that alternation of fog and sunshine which we believe promotes the efficacy of these washes. Those who wish can find much information on this and kindred subjects in Report of the Board of the State Horticultural Commissioners for 1882, to be had on application to the Secretary of the Board of Horticulture, 40 California street, San Francisco. It is rarely safe to depend upon one application of any wash to rid a tree of scale insects.—C. H. Dwinelle, in Cultivator's Guide.

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