

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

Published Every Friday at Gresham, Ore., by the BEAVER STATE PUBLISHING Co stops to consider and study that H. A. DARNALL, EDITOR AND MANAGER. great element, the soil, playing, as

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EDITORIAL COMMENT

tion for what they saw.

cel it.

Since, however, it is part of necessary to produce the best re- alone reached nearly 5000. sults. But to dismiss the subtakable evidences of being in- gram. fested by worm and scab and scale. Upon some otherwise fine to be relatively clean, but there were among the entire lot few Co-operation For Rural Improvement. boxes of apples that would pass muster if offered for sale in a J. Horace McFarland, president of the fruit-inspected market, scarcely one the shipment of which would the information that this association be permitted by the Hood River will be glad to co-operate with the Apple Growers' Association. growers of Multnomah County of Illinois. Mr. McFarland says. should either dig up and burn, or "There are many ways in which sugclean up and cultivate their or- gestions going through the grange chards. That the trees that produced these apples and pears heartily and in detailed effort." could be made to produce fruit equal to the best Hood River product is attested by the size, color River apples are largely due to organiand form of the fruit that was zation of the growers through which shown at this fair.-Oregonian.

I not proper that we should pass judgment. Relations such ern Multnomah County, closed commend would be useless. We study. yesterday. The exhibit was gen- leave it to the people who came Since, then, so much of our hap-

expressions of kindly apprecia- ticle we must say that much of excellence.

What they saw was this: A and some of it is decidedly unpavilion gaily bedecked with fair. It closed the event on Sat- cuss the preparation of the soll as flowers; special agricultural ex-tibitis which were displayed in evening when Sunday eve-First, consider the previous condihibits in which were displayed ning was the appointed date of tion of the soil at the time of the samples of the productive soil closing, thereby cutting our gate first plowing. This has a very imof Multnomah County; of the in- receipts for the last day by one- portant bearing upon the success of dustry and intelligence of those half at the very least. Second, the crops that are to follow. One of who till it and the taste and en- the criticism relative to the fruit the most common abuses of the soll terprise shown in the arrange- display, while perhaps having a the nature of the soil, when plowed ment of products for exhibition; basis, was extreme and untrue. the action loosens it, exposing numa poultry exhibit showing stocks That much imperfect fruit was erous capulary holes. This in Fall and varieties that would have placed on exhibit was evident, and Winter plowing creates a wash astonished our pioneers; horses but that none of it was perfect and waste of the fine, minute parwith sleek coats and massive or is false. One of the most comlithe proportions that told that petent fruit men of the state has destroys all plant life in the nature the day of scrub stock hereabouts denied that emphatically. It of weeds and grasses, which are Nabelonged to the past; grains and sounds like the wail of a knock-, ture's protection to the soil, inasgrasses and forage plants; the er and a little scouting will like- much as their numerous small work of women in needlecraft and a presentment in canned ever, the horticultural exhibit stay the soil, preventing it from fruits and vegetables, jellies and was better than ever before and washing by the heavy Winter rains. preserves that in its size, has its preparation showed improvenever been excelled, because it ment and the incentive to im- gion like Western Oregon and Washis practically impossible to ex- prove fruitgrowing will show it- ington. Fall and Winter plowing is self hereafter.

THE gates of the third annual of some Winter-growing crop, such the mission of the County Fair | Multnomah County Grange as grains or vetches, which furnish each headland plowing, one land to, to invite criticism of agricultural Fair closed at 10 o'clock Sunday and horticultural methods as night on the most success fair in shown by their results, it may a financial way, with the best ex- when the sap is up. Then they will be said that one feature of this hibits and management yet held. decay: otherwise they lay dormant display was exceedingly disap- Dr. Brougher's address Sunday all Winter and grow in the Spring. pointing. Reference is here afternoon on "Hens, or Scratchmade to the apple and pear ex- ing for a Living,"was a very fithibit, as arranged on plates and ting climax to the week's events. in boxes, on tables through the Close to 10,000 people visited the destructive of all-that of working center of the pavilion. Inclina- fair during the five days, coming the land too wet. Throughout the tion strongly urges the dismissal from all over the western part region of which I speak one-third of this subject with the state- of the state, and the excellent of the whole crop on its present basis might have been added if wet The ends and sides of the fields MeCALL'S MAGAZINE (Ladies'). 1.50 ment that this exhibit showed exhibits and the splendid manwhat the climate of Oregon and agement all the way through and considering that this extra one- be turned the same way, either in or the state can do without the care all visitors. Saturday's crowd farmer, is it not enough to stop this next plowing. The lands can be so scriptions may be sent to separate as J. W. Townsend is the possesject with this mild suggestion of sor of the blue ribbon for the are being robbed, resulting in fail- table, a rule should be adhered to criticism would be unfair to the best farm display. Gill Bros. unes or nalf-way successes, thus re- never to plant without two plowings. fruit-growing interests of the came in for second prize. Se- tarding the growth of the state. state and especially to the fruit moni & Marrocci made the best growers of Eastern Multnomah table display. These farmers who made this exhibit. It must and gardeners prove that Mult- that is to follow, also to create the rolled to prevent weed growth and be added, therefore, that very nomah County soil will produce fine particles for plant food. Fully moisture escape; also after every little if any clean fruit was nearly every variety or kind of shown. Careful inspection failed grain, fruit or vegetable that exto disclose a single plate of un- ists if properly cared for. J. W. infected fruit, either of apples or Townsend also won first prize on pears, while very many of the the display of freaks. H. A. finest specimens of both in size, Lewis has been highly commendform and color showed unmis- ed for his fruit display.-Tele-

"Preparation of the Soil."

[From The Pacific Grange Bulletin] In a paper read before Evening Star Grange, Ray Gill, master of Riverside Grange, discussed "Preparation of the Soil." The paper follows:

How little the average person great element, the soil, playing, as it does, such an important part in the makeup of physical and financial welfare; that soil which from day to day we tread with careless and THE Fair of 1909 is past. It is thoughtless indifference, what happiness and content, what wealth and power has it brought to thousands as the editor of this paper has of its dependents; what delights in PICTURE of Autumnal beau- held would render it an impro- the shape of luscious fruits, tender A ty, of rural abundance and of priety for him to make com- vegetables, nutritious nuts and cereagricultural thrift, the annual ments. Anyhow, the public has als or fragrant flowers has it yielded fair held at Gresham under the formed its own opinion and any to millions of perhaps unappreciative auspices of the Grangers of East- attempt to instruct, advise or they give it'so little thought or people, to such extent, at least, that

erally highly creditable. Octo- and saw and compared this with plness and general progress are deber smiled upon the grangers, other similar fairs, here and else- pendent upon the soil, it should beand the throngs of visitors that where. We reprint comments the day, so that science, experience come one of the foremost topics of flocked thither were in becom- from the Oregonian and Tele- and wealth may bring its possibiliingly good humor and ready with gram. As to the Oregonian ar- ties up to the highest standard of paim; if it holds together in a solid

it was good, some of it was fair Avoid Fall and Winter Plowing.

This article will seek only to disis Fall and Winter plowing. Such is ticles, which are the food the plants It will be seen, then, that in a re dangerous and destructive, unless immediately followed by the sowing the protection needed. Timothy and the other from, thus relieving the papers we offer the following low clover meadows should never be plowed until the Spring of the year.

Work Land Only When Dry. It is also a regrettable fact that one of the most common follies of plowing its the most dangerous and of the whole crop on its present stacle had prevented proper turning. folly? We should not overlook this stepped that the turning will work phase of the present conditions, for out properly. the life and vitality of many farms

one-half of the crop is established if the land is properly prepared. On the other hand, what are the effects of wet plowing? When the soil has an excess of water, it is too heavy to plow-you can merely turn it over; there it remains in the same unleavened condition it was before, if not worse, owing to the tramping of the horses and the quick drying that is to follow. This creates countless clods, as well as plow sod or hard bottom, which will take years of careful treatment to eradicate.

If it is folly to prepare food for the sick that they cannot digest, so what's the use of preparing soil food for plants which they cannot use? Properly treated soil should never be heavy or cloddy, but soft and buoyant, full of life-giving properties, and every clod or heavy space is a robbery from the plant's pantry. Mr. Farmer, your land is like a true friend; treat it right and it will return the compliment.

Test for Ground That Is Ready.

The best test to ascertain when the ground is ready to work is to compress a ball of earth in your hand, toss up, letting it fall in the ball, leave your plow in the toolhouse; if it breaks and scatters, it is ready for work. Don't hurry or worry, and you will come out far ahead of your neighbor, the wet plower, both in earliness, quality and quantity.

Next let us consider system in plowing. Too many farmers have no regular plan, but send the boy or hired man to the field merely to hold the plow handles. One of the most common mistreatments of the land is plowing around the fields; in so doing the horse tramps on the plowed ground when turning and the soil is worked away from the center of the field, destroying the natural level .. Afterwards it cannot be properly cross-plowed, as the plow will follow the same direction over part of the field as before, giving a hard and glazed bottom to the soil. Even if the plan is reversed and the plow started from the center, it is found to follow the same cours of part of the field it did before. When the land is plowed all in the same general direction, it can be completely cross-plowed at the next plowing, preventing to a large degree hard bottom.

necessity of making two dead furrows. All dead furrows should be well filled and the effort should al- "The Herald" in combination with any ways be to maintain the natural level of the land. Deep plowing is a great essential to success, although the depth in new ground should be increased gradually to prevent too much clay from mixing at once.

Two lands can be stepped off for

The first harrowing should follow the same direction as the plow, so PJ as to finish its work where any ob-



rain, as the rain creates a crust which under the heat of the sun. cracked and checked with numerous small fissures, opens the channels for moisture escape. Harrowing and rolling make a dust mulch on the surface, which, being of a close texture, will not permit the escape of moisture. At the same time fine particles of plant food are prepared. The proper condition of soil at planting should be a settled surface and a loose bottom. Cross plow at the second plowing, and if chemical fertilizers are used, plow in at this time, then it will be underneath and

damp throughout the Summer. Above all harrow and roll or do any work that makes dust, always avoiding work on the ground during damp weather. Continue such work as makes a level and dusty surface throughout the Summer, as success is sure.

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The editor acknowledges many friendly visits at The Herald office during Fair week.

It is a good time now to be specimens of both apples and thinking about that water system pears all three of these pests that Gresham will vote on in were plainly in evidence. Fruit November. Better get to talkin some of the boxes appeared ing it over with your neighbors.

A personal letter to the writer from American Civic association, with headquarters at Harrisburg, Pa., conveys grange on matters pertaining to rural improvement. The association has a The point is this: The apple section on rural improvement, headed would be effective, and the association will be glad to co-operate with you

> The high prices obtained for Hood deals were quickly made. The unity of the apple krowers of that section from the start has had great effect on the land values. It pays to organize. Producers unite, applies to horticultural as well as industrial workers.

pulverize and loosen the soil, leav- the Spring, after the first plowing ing it in condition for cultivation the soil should be harrowed and

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In preparing ground for any vege-Then the soil is well pulverized and The real object in plowing is to loosened. At intervals throughout



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a Daily Except Sunday. A. M. figures in Roman. P. M. figures in black.

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