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NO. 9.

VOL. XI.

Not in Good Order.

A business man, situated to know what he talks about, informs us that very little money has been made this year by wheat buyers, but that the most who have touched wheat have lost money, generally because it has proved not to be in good order, and they have had to stand the cost of cleaning and the loss of sereenings. Of course farmers are not always situated so that they can thoroughy clean their wheat before taking it to market This work can be best, cheapest and easier done at the warebouse when the farmer store it, and should be well done at that time, a that it will have a reliable market value The farmer and warehouseman are both interested in this, and the only remedy is in having perfect cleaning arrangements at the ware nouse. There are several warehouses, nota bly at Albany and Salem, that prepare wheat in good shape for shipment. If this continues, we shall soon see the wheat buyer dis oriminate decidedly against wheat not well cleaned, and that will be at the expense of the farmer. So he should insist that the ware houseman puts up good cleaning mills.

Oswego fron Works.

We are informed that these works have closed down for the present. The works are to be reconstructed with larger capacity am decided improvements. The present owner thoroughly understand the business, and though iron bears a low price, they have made a fair success in their enterprise and are encouraged to invest their earnings in making improvements which will add materially to the capacity of the works and increase the product. They have an unfailing supply of ore and this coast offers a market, anitis well known that the iron produced there it of the very best quality. We cannot edinate correctly the Importance of each development of Oregon resources unless we attudy the iron interests of Pennsylvania, as well as of England, Sweden and Norway. The possession of rich beds of iron ore offer an unfailing resource for all times, as, the manufacture of iron in crude shape will in time lead to its manufacture into many forms. The more that can be done to bring the manu facturing era upon us the better. There is where we can and must find great success in the future.

The Season.

of wheat fields is not improved. Farmers on and sow spring crops and some have not a single acre yet sowed. Wheat does not look se dark in color; in some instances the lately dark vegetation shows a yellow look, but a few days pleasant sun will remedy that. While the rains are rather unseasonable it is still true that we have a fine outlook for next

Answers to Questions.

We do not understand that there is any law against hounding and hunting deer on the Sabbath more than any other day, or that farm work on the Sabbath is against the

The Plusamer Dryers come at from \$75 to \$600, according to size and capacity. They can be furnished from Albany by the men who own the county right.

A "Reader of FARMER," of Cobing, will have to sign his name before he can expect us to publish personal remarks.

Against the Chinese

Portland Workingmen (so called), meet every Sunday, now, in the plaza, and express their opinion against the Chinese. The mos incendiary propositions are advanced and applauded. The speakers denounce "capitalists" in unmeasured terms. About two hundred were in attendance last Sunday.

FROST. - Those who are interested in fruits are watching the mornings very anxiously just now, fearing that frost will destroy their hopes. Wednesday morning, in Portland and the surrounding hills, there was a sharp touch, a veritable freeze, rather heavier than a frost. The sun shone but a moment and went into a cloud and a fog covered everything for a while. It may be that fruit was not injured, but it had a narrow escape. We shall be glad to hear about the effect of frost in other localities.

The damage done by the recent freshet on the Skagit was very great. Millions of feet of logs have been formed into solid jams at the various points near the mouth of the river, and these can only be removed at a very low stage of the river and during the highest June tides.

A VERY large percentage of the 390,000,000 pounds of the cheese produced last year in the United States was made in the Improved Cheese-Making Apparatus manufactured by H. H. Ree & Co., Madison, Ohio.

Fruit Growing and Drving

A few years ago and fruit growing did not save such importance among us as it has tolay. Many orchards were set out at a very arly period, and after the price of fruit besame reduced they were neglected and allowed also very instructive. to decay. The country was full of the old ialf dead branches were a standing reproach. satly both to build and to operate.

and neglected orchards have been trimmed which to meet arrears. and brought again into bearing. Enterprisare already several hundred of them in sucessful operation.

and formed an association, and furnish un the following minutes of their meeting and organization:

A meeting was held at the Chemeketa Hotel, Salem, on Tuesday, April 8, 1879. Hotel, Salem, on Tuesday, April 8, 1879, at 2 o'clock r. m. Henry Warren was called to the chair and G. W. Sill elected secretary. V. S. Plummer stated the object of the neeting, which was for the purpose of pro-ioting the fruit and vegetable drying interest

elected be the officers of this Association.

On motion made and carried that a con-

mittee of three be appointed to designate cheese, this stock will add largely to the ansome design to be used as a trade mark for this Association, to be placed on all inspected fruit: committee made report, which was adopted, and all those owning County Rights

A few hoga of some good breed are good for the Plummer Dryer were appointed in-spectors of fruit for their respective counties, with the sole right to use the trade mark of

Association has in contemplation the There are now in use in the State 380. that use them recommend them to others and

that use them recommend them to others and no complaint against them comes from any. The following preamble and resolution was read and adopted by the Association: Whereas, The State of Oregon produces a large amount of fruit and vegetables of superior quality not surpassed by any other State in the Uni n, be it therefore

Resolved, That the Board of Trade of Port. land, Oregon, be requested to take into con-sideration the propriety of sending a commission to Australia at their great exhibition of 1880, to introduce the several products of Oregon; that they include the Oregon dried fruits and vegetables preserved by the Plum-

mer process.

Moved that the above be published in the everal papers. Motion carried. G. W. Sill, Secretary

Coos County Farms.

The idea prevails abroad, and to some ex tent among our own people, that Coos Bay and its tributaries have no agricultural resources worthy of mention. This is a mistake. It is true that the coal and lumber business have stood foremost among the productive industries of this region, yet there are agricultural resources in process of development which will shortly astonish those who have formed their opinions from casual observation. There are, even now, a number of farms that are well improved and very productive-farms that in the aggregate value of their products, would compare favorably with the best farms of the interior .- Coast

Mail. THE farmers of Spohomish and Whatcon ing of grain each year. Where two years ago only a few hundred bushels of wheat were raised, several thousand bushels were raised ast year, and this year the amount will be increased to forty or fifty thousand bushels. The yield on the dyked lands is said to range from fifty to sixty bushels per acre, on the uplands from thirty-five to forty, and on the bottoms from thirty-five to fifty bushels. The practice of fall sowing wheat is growing in favor, being found to result better, both in regard to yield and quality, than the spring sown, besides the economy of time.—Puges

FRANK ARELL, with his able corps of ar-tists, is doing the finest photographic work in the State. Gallery on First Street.

Mixed Farming.

Editor Willamette Farmer If those keeping mixed farms would adopt system of mixed farming, they would find greatly to their poundary advantage, and

Wheat is the great staple of the Willamette and neglected orchards, and their ragged and Valley, but our lands have been WHEATEDif we may be allowed the expression-until The introduction of the Ablen Dryers created they are bally "ran down" and improve shed. open that were not realized. They were too And again, if we now everything to wheat, and an unfavorable museus should out our The introduction of Plummer's Machines crop short, the yield being only a nominal three years age, seems to have solved the one, and prices should depreciate, as they lifficulty. By these machines persons can often do, until there is scarcely enough real save the fruit of their own raising. The out- ized to pay expense of raising, barvesting and lay for the machine is small and it can be marketing the crop, to say nothing of meetoperated upon any scale that is desired, ing a probable store and blacksmith bill, or tines the success of these machines has been getting a part of the supplies for another demonstrated, hundreds of thousands of fruit year. This we think makes a point in favor trees have been set out of the varieties best of mixed farming, so if wheat fails we shall alculated for drying purposes, and the old have something else to "fall back on" with

Let us sow a reasonable part of our land to ing men, in every county of the State, have grass for hay, and also another to the best purchased the patent rights of Mr. Plummer grasses for pasture. We would sow come and are preparing to make the machines and oats, some barley, and on the land we intend offering them in every neighborhood. There to summer fallow raise potatoes, corn, beans theans are shipped from California by the ship-lead and sold to our farmers at from four The owners of the rights have lately met to seven cents per pound, and we can raise from ten to twenty bushels per acre), mangel wurzels, turnips, carrots, and other roots which will pay hig for feed-and the root crop is important to the mixed farmer. Now ow all the balance of the land that is well prepared, to wheat,

Now we shall be able to keep several cows, coording to our ability to pasture them, and moting the fruit and vegetable drying interest of Oregon. Dr. Jones of Albany, and others made some appropriate suggestions in regard to the preserving, care and packing of the fertile tree and design seasons of drying.

It was moved that those present form themselves into an association to be known and designated as the "Plummer Fruit Drying Association of Oregon." Motion carried, turnips and other roots to keep up the supply in winter. Now, with proper care they pay as well as anything we can keep. Here we can bring a profit from the summer fallow by feeding the form and other green stuff to keep up the flow of milk during the dry season, and the mangels, turnips and other roots to keep up the supply in winter. Now, with proper care they pay as well as anything we can keep. Here we can bring a profit from the summer fallow by feeding the forms and other green stuff to keep up the flow of milk during the dry season, and the mangels, turnips and other roots to keep up the supply in winter. Now, with proper care they pay as well as anything we can keep. Here we can bring a profit from the summer fallow by feeding the forms and other green stuff to keep up the flow of milk during the dry season, and the mangels, turnips and other roots to keep up the supply in winter. Now, with proper care they pay as well as anything we can keep. with proper care they pay as well as anything frugal housewife to manufacture butter or heese, this stock will add largely to the an-

things to have, to take up all the waste of the stubble and cat all tailings and other waste. A sufficient number are ready to fatten when April came in delightfully, but since then we have had cold rains and the appearance of wheat fields is not improved. Farmers on feed. The "mixed farmer" never burns building of four humined devers the present season. The demand for these dryers comes from every part of the State, and it is doubt-ful whether all the orders can be filled, who will winter on it finely. Now let us have a few head of three-year-old steers to tie up in February and feed a few weeks on barley, oats and timothy hay, together with turnips, mangels and carrots, thus cheaply preparing them for the market at a time of year when highest prices are paid for fat beef,

and also furnishing us with some velcome coin to commence the season with. Sheep are indispensible to profitable farm-ing, provided we have good sheep and do not overstock with them. The cost of care and overstock with them. The cost of care and keeping is trifling when compared with the profits accruing, and the proceeds come at a time of year when mouey is scarce with the wheat farmer, enabling us to enter harvest with some of the needed change.

The profits arising from the keeping of poultry are not to be underestimated. Also, there are many other things to which the "mixed farmer" may turn his attention with rout, which we may notice in a future artistic to the second of the control of the c

profit, which we may notice in a future artiele, which may be made not only profitable,
but pleasurable, amusing and instructive.
You say, "This system of mixed farming
would greatly increase our labor." We an-

wer, emphatically, yes, if you follow old routine of plowing, sowing, harvesting and repeating. But we can promise you your income will be greatly increased too. Ec-sides, your soil will be growing better and more valuable every day. Most of the addimore valuable every day. Most of the addi-tional labor in this system is performed in the winter season, at a time of year when the wheat farmer is doing nothing but waiting on

the elements.

Not least among the profits of the mixed farmer is the amount and quality of manure manufactured for his lands.

J. B. M. GREENVILLE, Or., April 7th, 1879.

ABOVE WALLA WALLA .- Last July, Pataha City consisted of a farm house and out buildings. To-day it contains twenty-four houses and is inhabited by 13 families. A fine flourare turning their attention more to the rais. ing mill with three run of stone has been erected there by Messrs. Bowman & Snyder, and it is now engaged in making some of the best flour in the land. There is a fine large school house with 23 scholars, a store with a large stock of well seelected goods, a tin store, and an agricultural implement house. Three miles below Pataha is located the town of Pomeroy, which contains forty houses of all kinds, including two stores, a post-office and an express office, a fine large flouring mill, the finest school house in Columbia County, with an attendance of fifty-five pupils, a brewery, two saloons, hardware store, a good hotel, a restaurant, two blacksmith shops, a wagon shop, a butcher shop, a livery stable, a drug store and two agricultural implement houses. Two years ago the only buildings in the town were the farm house and out build-ings of J. M. Pomeroy.

From Washington County.

HALL OF BUTTE GRANDS, Mar. 19, 79. Editor Willamette Farmer

Butte Grange meets the third Wednesday f each month, at 10 o'clock a. m., at a hall owned by the Grange in the neighborhood of Butto Schoolhouse, and on land formerly purpose by W. M. Tigard, who is also, as well as his wife, one of our best, most pune tual, and faithful members. A subject for liseussion is selected at each meeting for the recording one-generally as selected by our Worthy Locturer, who at present is J. A. Richardson. The subject of discussion for to-day's meeting has been "Plowing and Planting," and although it is hard to report one winter, or desires to see it again. in full the remarks and suggestions made and ideas advanced by the different speakers, 1 shall endeavor to give a summary of the main points as far as memory will serve me.

The Worthy Lecturer, J. A. Richardson after stating the subject for discussion, set forth in a few well-chosen remarks the importance of a thorough and complete preparation of the land before planting. Thomas to play amendments too. Paulsen then read the following essay:

"There is much difference of opinion re-garding the proper depth of plowing, but many soils are as much and more permanently injured by plowing too deep than too shal low. Respecially is this the case with much of our timber land in this vicinity. Many do not seem to understand that it will not do to the plant, in the first stages of its growth, when it most needs it, cannot obtain the proper nourishment. But not only is this subsoil deficient in plant-food, but its mechanical condition, until anolisested by several years' exposure to the mellowing influences of the sun, nir and rain, is such as to render it almost cortain to bake and become hard after a

neavy shower. "" action of the sub-soil plow in stirring the continuous multiwing this au soil without bringing is to the surface, is much more beneficial. But even this I consider of very little lasting profit unless the land is either asturally or artificially well drained Nor would I recommend the use of the sub-soil plow on all soils. On some classes of sandy or gravelly soil, those that are what is commonly called leachy, the use of the sub-soil plow would prove a positive injury. The quality and mechanical condition of the soil varies so much that it is impossible to adopt any set rule, whether to plow deep or shallow, and even on the different fields of one farm great damage might be done by plowing all at a uniform depth."

J. F. Coley stated that as far as his obser vations went, the men who made a practice of summer-fallowing were the ones who raised convictions of right, I will have you to rethis was but very seldom done. But he was cultivate less ground, and do it right well, and especially was it necessary to plow and prepare ground well for potatoes and similar crops before planting.

A. B. Heath called attention to the fact, taken from his own experience, that similar treatment would often produce different results, owing to the difference in the seasons.

W.-M. Tigard related some experience regarding different modes of preparing land for potatoes, and asserted that land intended for potatoes should at least be plowed twice and well harrowed before planting.

All coincided the importance of thorough preparation before planting.

Our Grange meets at 10 o'clock s. M.; and generally continues until about 4 o'clock P. w., with a recess of one hour or more for dinner, during which we also enjoy, in addition to the table comforts provided, a good, social chat, which is not one of the least enjoyments of our meeting.

> THOS. PASSAGE Yours traly,

Representatives Elected.

Multnomah County Grange Convention net on April 12th at hall of Multnomah Grange, in East Portland, and elected A. F. Miller and Jennie R. Miller to represent eaid county at the coming State Grange.

Multnomah Grange on last Saturday con ferred the fourth degree on a class of eight of our most substantial citizens. After confer ring the degrees the table was spread and loaded with the good things that please the nner man, to which all appeared to do ample

Multnomah Grange is now in a flourishing condition, admitting a good many new memberw, and doing in a quiet way considerable business beneficial to the members and the community. They have just re-leased the fine brick hall of Burckhard & Strube on the corner of Fourth and I streets.

Our Worthy County Deputies, Plimpton Kelly and Jacob Johnson, are regular old wheel-horses in the work of the Grange, and inder their leadership the Order is progress ng all over the county. A. F. M. EAST PORTLAND, April 14, 1879.

STRANGERS in town, when desiring to sit for pictures, should call at Davidson Bros. Gallery, First and Yamhill ste., Portland.

Ohio Correspondence.

Editor Willamette Farmer

I scarcely know how to address you since you took possession of your more pretentions establishment down the river, and the pres tige which this change of base must give you We are dragging along on this 24th day of owned and depated to the Grange for that March, and just emerging from the third snow-storm which has occurred thus for during the present month. Aggregating the now-fall since the first of last November, we can declare a depth of three feet seven and one-half inches until date. This may seem to you somewhat fishy, but the actual and succossive measurements bear me out. Nobedy recollects so much mow falling during any I have read with interest the dis-

going the rounds on the Pacific Coast with regard to John Chinee, the Melliken man hav ing evidently gone back on the Mongolian adventurers. Should the amendments to California's constitution be adopted, the Chinese element will soon (scatter into the adjoining States and Territories, and you will be forced

In my article to you for April, 1878, Lepoke of monopolies, especially in school books, and where we found the remedy. I was recently shown a note from friend Porter, making inquiries with regard to the book matter, and believe that that gentleman has found the match that will, when struck, throw a brighter and better light on the path of every Webfoot who has the advancement of education at heart. Brother Porter, like myself, has pedagogued much, and consequently we are prepared somewhat to judge of books by their merits as well as their prices. I taught last winter, and do without reserve pronounce Butler's History, Smith & Sargent's Grammar the New American Practical Arithmetic and Series of Readers, with Mitchell's Geographies brought down to 1878 the most complete and practical system of books for general educational purposes, that it has been my privilege to come in contact with. I am no agent, and have but a common interest in accordance with my preferences, but I cannot help believing that over at Aumsville a profitable reformation has already commenced for those who have children to educate in the land where the history of Jesse Applegate, G. P. Holman's Proneer Speech and the Modo War all originated. Observing your fearles manner of defending a principle upon your the large crops; but in the timber, where the ceive some samples, and then let me hear you amount of arable land was necessarily limited, once more flay the school book question as you did last summer. Believing that reforms of the opinion that it might even pay here to are always healthy, and that your able periodical is always for progressive intelligence, scatter every thought broadcast that tends to break down monopolies, or will rouse the people to look after their public and private

With high regards for my Oregon friends, and increasing esteem for your paper and its high moral tone, I will try to get better ac quainted the coming season. I am still yours, JOHN WATERA. Mar. 24, '79.

Linn County Convention.

The Linn County Convention of Patrona of Husbandry met in the Good Templars' Mail in this city last Saturday and organized temporarily by the election of State Deputy Robert A. Irvine as Chairman, and S. A. Dawson as Secretary.

Brothers Harvey Shelton, J. Newman and Thos. Munkers were appointed a committee on credentials, and reported the delegate entitled to seats

The Convention then proceeded to the election of permanent officers, which resulted as follows: Chairman, R. A. Irvine; Secretary, S. S. Train; Assistant Secretary, S. A. Daw

Next in order came the main business of the Convention—the election of delegates to attend the State Grange. The Chair appointed Hon. Thos. Munkers and Hon. Enoch Hoult tellers, and after an informal ballot was taken the following persons were elected as members of the State Grange for this county, to serve during the ensuing year: Mr. and Mrs. Wm. Cyrus, Mr. and Mrs. R. A. Irvine and Mr. and Mrs. S. S. Train. The Convention then adjourned. - [Albany

The New Pavilion.

and 20 feet in keight, will be built this summer. This will be one-half the size of the building when completed. The cost of the whole structure when finished in all its parts will be about \$7,000; and the estimated cost of the half of the structure to be erected this of the half of the structure to be creeted this season will be \$3,350; the greater portion, nearly \$3,000 has already been subscribed by the citizens of Salem. The balance of the required amount can be easily raised in the surrounding country. This enterprise shows that the Oregon State Fair at Salem shall be a fixed institution. Perhaps enough can be raised to complete the whole building this summer.—[Fown Talk.

FAIR GROUND PAVILION.

MESTING AT SALEM AND AMOUNT GUARANTEED.

Au enhlusiastic meeting was held at the Opera House, Salem, Thursday evening, Mr. W. J. Herren in the chair.

The object of the meeting was stated to se for the purpose of getting an expression of the citizens of Salom, as to the propriety of building a new pavilion on the State Fair

On motion, E. M. Waite, S. C. Adams and . II. Gilbert were appointed a committee on evolutions.

While the committee were out on resolutions omarks were made by Messra. John Minto, David Newsome, C. Reed and others giving a brief history of the organisation of the Oregon State Agricultural Society and its present coadition.

Committee on resolutions submitted the following:

Whereas, We doem the standard of ex-cellence of our State and County Agricultural Fairs as a natural and legitimate index of the agricultural, mechanical and general prosper-

y of the State, and, Whereas, We regard the State Agricultural Society as the parent society, which, from it location and general representation, is the natural source of success and prosperity to all the auxiliary and subordinate fairs of the State, and, Whereas, It has come to our knowledge that

the Oregon State Agricultural Society, in order to the more complete success of the Pair of 1879, is in need of an additional build-

Fair of 1879, is in need of an additional burd-ing for exhibition purposes, and,
Whoreas, By reason of sovere reverses, during the past two years, occasioned wholly by the inclemency of the weather, a less in its annual receipts of many thousand dellars, has so emiscrassed the society as to render it impossible at this time to make the im-

it impossible at this time to make the improvement which seems to be demanded by the patrons of the Fair, therefore,
Resolved, That we, the citizens of Salem, at Marion Caunty, in public meeting assembled, hereby pledge the sum of \$3,000 for the creation of a new pavilion building on the grounds of the Society during the season of 1879, and its completion for occupancy for the annual exhibition of this year.

Resolved, That we will give this enterprise our hearty encouragement and support, and to the end that a successful fair for 1879 may

our hearty encouragement and support, to the end that a successful fair for 1879 to the end that a successful fair for 1879 may be obtained, we urge upon the Board of Managers of the society the selection of a period not later than the 5th of September next for the commencement of the

next for the commencement.

Resolved, That we adopt the plan and elevation presented by E. M. Waite, and that as Mr. Waite has been authorized by the Board of Managers of the Oregon State Agri, cultural Society to build a pavilion on their grounds, that he be appointed to superintend the erection and completion of the exhibition building as stated by him, free of charge to the subscription fund or the society, and that he procure from competent architects such specifications as may be necessary, and pro-ceed at once to let the furnishing of all work and material to the lowest bidder, taking care to protect us in the usual manner in the disposition of bids offered, and that when the building shall be completed, to publish in the papers of this city, a complete statement of all the money raised and expended, as much for his own protection as for our information and that of the society and the

formation and that or the general public.

Resolved, That the papers of this city are requested to publish the proceedings of this meeting, and that the secretary furnish a copy to the papers of the State for publication.

E. M. Warre, S. C. Adams, Committee.

S. C. Adams, J. H. Albert, On motion the resolutions were adopted.

On motion E. M. Waite was appointed to raise the necessary funds by subscription for the erection of the pavilion. By the plans submitted, the new building

will be 450x70 feet. As soon as the contracts cre let, a lengthy description will be furnished for publication.

At the close of the meeting Mr. White reported \$2,480 subscribed. Adjourned. J. M. PATTERSON, Secretary.

Thoroughbred Berkshires.

Mr. J. W. Gilbert advertises that he can sopply Berkshire pigs of the finest strain of breeding, to all who may apply to him. He has stock that is recorded in the American Berkshire Record and can compare for purity of blood and high breeding with any pigs ever brought to Oregon. Mr. Gilbert is a Salem merchant, and can be found at his store, or can be addressed by letter. He has his farm near town and takes great interest in stock raising, having practical acquaintance with such pursuits. Full dependence can be placed on his statements, as we can bear witness A portion of the new pavilion, 60x200 feet of many years personal acquaintance that give us confidence in his reliability.

Oregon State Grange Meeting.

Mr. A. R. Shipley, Master of the Oregon State Grange, informs as that the O. S. N. Co. and the O. & C. R. R. Co. will issue half fare tickets to all those who attend the next meeting of the Grange. Those parties interested will govern themselves accordingly. Each person will pay full fare going and will be returned free of charge. The next meeting of the Oregon State Grange will be held at Salem, on the fourth Tuesday in May next.