# WILLAMETTE FARMER: PORTLAND, OREGON, OCTOBER 21, 1881.

The Foothills of Benton County.

Two miles West of Corvallis, which town is

pleasantly situated upon the left bank of the

Willamette river, the foothills commence

Those nearest Corvallis are now covered, a

great part, with oak trees and oak shrubs, be-

neath which there is very fine pasture. A few

years ago these hills were covered with thou-

ands of sheep, which were a source of consid-

hounds, however, would chase them out of the

neighborhood as they are great cowards.

Corvallis, and it is often impossible to get it

2,800 bushels off 120 acres. Some of his oats

went as high as 70 bushels to the acre, and the

Here are also some of the finest orchards i

the country, one I know annually yields about

1,000 bushels of pears, 500 bushels of apples

besides large quantities of plums, quinces,

cherries, grapes, etc. These hills are very

everywhere. In a good year the ground in

some places is nearly covered with them. Al-

together, it would be difficult to find a pret

From the tops of the foothills, near Corvallis,

ague. A case of ague is very rare.

even at that price.

# Miscellaneous.

Does Early Breeding Spoil Stock?

On page 570, A. P. S. takes the negative, and my experience justifies me in agreeing with him. I visited this section from Middle South Carolina in search of a home in 1830. About July 1st I was in Vicksburg, and about 12 miles east, on Big Black river. I was asked the name of the sender and payee are not ento see a remarkably young mother, a young cow under 2 years old a matter of wonder to the old countrymen. I moved out that Fall. and became owner of said cow, and kept her ssue. until she died. She was known as "old Dun." and one of the best mileb cows in a radius of 10 miles. She dropped a number of heifer calves, and I am certain that no four or five of them ever gave as much milk as she alone. Since that time I have had beifers calve even nder 18 months, and I was always satisfied they proved the best stock. My stock was kept, and I did not believe in size of anials in the cow line; it was quantity and ality of milk. I have followed early teachas to holding back for size, and I tried it my loss. I know of at least three of the bred and finest sows, that by being held k to one year or over for breeding, failed good breeders and nurses. I adopted early eding with sows, even to pigs under 12 nths, and my success was proved by getting es at fairs. I have seen the same advanin mares, and have come to the concluthat we (farmers) keep stock for increase at, milk, etc.-and we had better train m for that business than to train for car-A. P. S. refers in this connection to a friend who was a mother at 15 years. I go farther and name two cases 13 years of hen married, both hale and hearty when dren were grown up and out of the way. I seen so much of this, and my mind havbeen directed to it. I concluded to feed take good care of the stock, use best s, and let nature alone, only to help, with er feed and better stock -Clinton (Miss.) of Country Gentleman.

A

## A Combined Plow and Harrow.

No small amount of inventive skill is conually applied to the improvement of agritural implements. A recent invention, ich is said to have stood successful tests at New Jersey State experimental farm, is a bined plow and harrow contrived by Chas. Sackett, of Mount Union, Pa. The Sackplow and harrow does, in a superior man it is said, the work of both the implents which it supersedes, and by its better maration of the soil increases the crop from to 30 per cent. So apparent are the merits the Sackett plow and its work that one of highest agricultural authorities of the intry predicts that it will prove "the greatadvance of 50 years in implements for the preparation of the soil." The plow is double. rather two plows are used, that in front outting two or three inches deep, and throw ing into the preceding furrow the sward, sod, stubble or whatever may lie on the surface The rear plow goes down to any desired depth, and pours its entire burden constantly into a revolving wheel, which does the harrowing, the greater portion of the work, and is the essential distinctive novelty of the

#### A Wise Madman.

Arab literature is full of anecdotes of wise and sober men who have reproved their disso lute "betters ;" here is one of this kind. A certain king went to visit a mad-house, and found there an intelligent youth, who after replying sensibly to a number of questions put to him by the sovereign, at length addressed the latter saying :

stitute. The orders will be finely printed on bank-note paper. The postmaster will sell the \$2.50 card for two or three cents premium, branch, forty miles wide along the Portland and the \$5 card for four or five cents premium, and will himself punch out the amount branch into Washington, and twenty miles wide in Oregon along the last named branch.

paid, and the buyer will simply inclose the card in his letter, and the receiver can cash it at any office. The postmaster will enter the amount of the order on a stub, which will be the only check the department will need, as tered. In order to prevent the use of the postal orders as currency they are to be redeemable only for three months from the date of

#### Wheat Soil.

erable profit for the farmers who owned them. The farmer must sow his wheat upon such The farmers here used to make 75 per cent. land as he has, it may be clay or sand, wet or profit on their sheep, and it can be done again dry, rich or poor. If it be clay, and the f they were properly attended to. The scat other conditions are favorable, he may expect got among them, and, owing to the bad a plump, soft berry, and a full crop. If his fences, spread rapidly. One by one the flocks soil is sandy, and other conditions favorable, were sold off till now there are but two or the wheat is likely to have a smaller but three left. Owing to there being no bounty harder kernel, the quality will perhaps be on cayotes, of late years, they have increased better, put the quantity somewhat less. If wonderfully and the farmers now lose nearly the soil be too moist, it will pay to underdrain. all their increase by them. Half a dozen good Tile drains, two rods apart and at an average depth of three feet, have doubled the crop and paid the total expense of the drainage in Horses and cattle have now taken the place of a single year. If for any reason underdrainsheep and pay very well. The land on these ing cannot be'practised, no fear of incommod hills is worth from \$5 to \$25 per acre, according the reaper ought to be allowed to prevent making a sufficient number of open furrows for surface drainage. The greatest possible inconvenience at harvest time is a poor crop. Black mucky land, after it is drained, may need to be dressed with fertilizers, such as salt. lime, or bone-dust. A dry poor soil needs barn vard manure.-PROF. N. S. Town-SEND, in American Agriculturist for October.

#### The Underground World of England.

The proposed tunnel between England and France under the Channel has suggested the preparation of some interesting statistics in regard to what may be called the underground world of England. According to these figures the number of persons employed in English mines, many of whom live in them constant ly, is more than three hundred and seventy thousand; in other words, there are men, women and children below the surface of Brit ish soil sufficient to form one of its largest cities of the second rank. The length of tunnelling in which they labor is set down at the extraordinary figure of nearly fifty-nine thousard miles. The deepest gallery is at the level of twenty-eight hundred feet. These facts and figures are adduced in support of the practicability of constructing and operating the Channel tunnel. The depth of the Channel, it seems, is nowhere more than one hundred and eighty feet, and taking this as a basis it is estimated that the lowest part of the tunnel would not be more than two hundred feet from the surface. If the engineer's figures and theories be correct the project is not only practicable, but simple.

#### A Thousand Dollars a Minute.

Mr. Eddy the veteran patent solicitor of Boston, is a regular encyclopedia of incidents referring to inventors. He tells of a man named Hurd, who realized \$30,000 and gave to the world one of the most valuable inventions ever produced-all the result of about half an hours thought. His invention was the tier, pleasanter or better farming country. machine now everwhere used for extracting molasses from sugar. When the idea occur-

very extensive views are to be had embracing red to him he sketched it down and gave it the surrounding hills, the valley below dotted to Mr. Eddy, and authorized him to take out with the houses and barns of the farmers, a patent. Returning home, he forgot all with here and there a small town or village, about the matter and applied himself to other the winding Willamette and the distant Casaffairs. Subsequently a gentleman engaged cades stretching in one unbroken range as far in the sugar business saw the invention in as the eye can see, with Mount Hood (11,025

Mr. Eddy's office, and at once appreciated its feet,) Jefferson and Three Sisters rearing their value. The solicitor was instructed to pur- lofty snow-capped heads above the rest. But chase the patent. which he supposed he could there are far prettier smaller landscapes of

told me that his butter and eggs alone paid eighty miles wide through Montana, eighty their store bill the year round .- T. S., in Or miles wide through Idaho, eighty miles wide egon Colonist. through Washington, along the Cascade

The Oregon Pacific Railroad.

Our readers will expect us to chronicle the progress of the undertaking. A walk or ride or a few miles from Corvallis along the grade westwards, will show us what has already seen done, and what is in progress of execution. Nearest the town the gangs of plows and scrapers are at work, and the "cuts and fills" in the rich valley lands are rapidly approaching the finished conditions of several djoining miles of road. Further along, gang after gang of blue coated Chinamen are filling the dump carts, which move along in an uninterrupted succession. Then comes some ock work by the side of the Mary river, eight r ten miles from the town, and here the white men are busily plying the drill and hammer, widening out the road begun a year or two ago into the fair proportions called for by the first-class scale on which the line is now laid out by the engineers. Still ahead is a large gang of white men felling tress and clearing way the brnsh for the party setting out grade takes for the graders following fast on their eels. All is life and vigor, and it is safe to congratulate the valley farmers on the reasonble expectation of moving at any rate a large proportion of this year's crop through the new

ing to situation, etc. One of these farms, i well farmed, will pay for itself in five years. I ular in Maine, says the Farmer, and adds know one which has done much more than this, for it is now worth three times its cost five years ago, and annually has been bringing facture of butter and cheese designed for the in the owner at least 40 per cent. on his capi of skilled workmen employed in factories tal invested. Dairying and hog farming also which are furnished with the necessary applipay well, for the hogs need very little but grass and apples here to fatten them. The latter at the present time is an especially lucraof poor butter are numbered, as are the days tive business, owing partly to the scarcity of of eleomargarine, with all other substitutes hogs in this neighborhood. Towards the end for butter, as unfit for the human stomach of Winter and in early in Spring, bacon fetches which will be let alone." from twelve to eighteen cents per pound in

#### ITEMS BY TELEGRAPH.

France needs 58,000,000 bushels of wheat. The foothills also grow splendid grain. A The Ohio legislature is heavily Republican. tarmer who lives three miles from Corvallis The Bothinia brought \$600,000 gold to New had 4,800 bushels of wheat and oats off 200 ork. acres. Another on an adjoining ranch had

J. G. Holland, the poet, died suddenly at New York on the 12th. Registration in New York on the 11th,

whole of them averaged 50 bushels. Some of ; in Brooklyn, 39,625. The Masonic grand lodge in session at San Francisco has sent \$1,000 to the Michigan sufhis wheat averaged 40 bushels to the acre.

One great advantage of these foothills is that plowing can be continued all through the Paul Boynton started on a voyage down the Missouri from Fort Pierre, D. T., on the

Winter. The land never being too wet to plow, thus enabling the farmers to get their 14th. grain in early. Another advantage is that on

Ben d' Or won the championship stakes in England, beating Iroquois, who faitered on an account of the elevation there is little or no

The Senate in executive session confirmed the nomination of Haunibal Hamlin as minister to Spain.

was held to answer in San Francisco on three harges of assault to murder. lovely in Spring, covered with green grass and

beautiful wild flowers. On the 23d of March, The British steamer Corsica from London for Bombay foundered off Cape Roca and part last Spring, I picked a bouquet containing thirteen different varieties of wild flowers in a few minutes. Wild strawberries, too, abound

The President has sent among the nomina-tiont to the Senate the same of Henry Cox, of California, to be pension agent at San Franisco.

Journals rumor that Henry B. White, sec retary of the Shoe and Leather Insurance Company, San Francisco, is a defaulter in the sum of \$10,000.

Tucson dispatch: Reports from cattle ranges

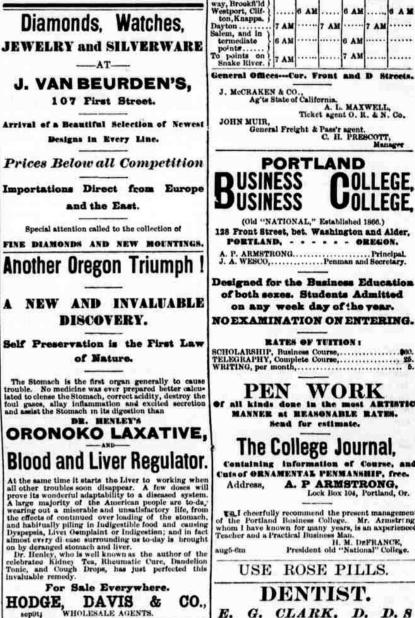
to be those of Nelson George and Edward Hodgkins, both of whom have been missing since the fire. They were mechanics em-ployed in the mill. Matthew Quirk was also burned to death.

A Herald's Fort Keogh, Montana, dispatch says: New and valuable silver mines have been discovered on the Head of Clark's fort, a tributary of the Yellowstone river. The mines are located near the national park, on the Crow Indian reservation. There is but little doubt another great silver bonanza has been struck been struck.

The President and Cabinet leave for Yorktown on Tuesday next. The French guesta start Monday, visiting Mount Vernon on the way. Admiral Porter goes down to arrange the naval programme. The diplomatic corps will be presented to President Arthur, Secre-tary Kirkwood and the heads of bureaus of the Interior Demonstration of the Interior Demonstra the Interior Department paid their respect

A dispatch from Tunis says 5,000 French troops who left Susa to reconnoiter the road to Kairwan, while halting at Handus, were attacked by 5,000 Arabs who compelled the

General James is to remain in the cabinet until atter the star route trials. It is not im-probable that Windom may hold until Decem-ber also, that when James goes Arthur can succeed Windom by a New Yorker. Should James go now the President will feel obliged to choose Windom's successor oatside of New York. York.



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			-	-	_			1			
Leave San Francisco at 10 A. M.					Leave Portland at 12-Midnight.						
State of California	Oregon.	Oregon.		Coln mbia.		State of California		Oregon.			
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SALEM, · · · OREGON.

E. O. SMITH,

J. D. Councily, sand lot justice of the peace

Gen. John C. Fremont has resigned as gov ernor of Arizona. It is thought that Gen. N P. Banks will be his successor. of the crew were drowned.

About 40 refugees from Russia arrived in Cincinnati on the 12th. The Hebrew citi-zens are receiving them with consideration.

The detective superintendent who arrested

Parnell was accompanied by six detectives The cab conveying Parnell to the prision was escorted by two cars filled with police.

WHOSE GREAT SUCCESS IN TREATING Chronic and supposed Incurable Dis-cases will be at the ENNOND BOLNE, Room 32 or,

seputi

French to retire to Susa, owing to want of provisions and water. The insurgents pur-sued them to the gates of Susa. This is the engagement previously reported in which the French fell into an ambuscade.

In consequence of earnest appeal Postmaste General James is to remain in the cabine

outlet at the Bay .- Oregon Colonist. Associated dairying has not been very pop-

"Nothing seems plainer than that the manumarket, is soon to pass entirely into the hands ances to produce a first rate article. The days

"You have asked me many things; I will sleeper enjoy his sleep most?" The king reflected awhile, and then said:

while he is actually sleeping.

"That cannot be," said the man, "for he has no perception while asleep.' "Then pefore he goes to sleep," said the

king.

plow.

"How can one enjoy anything," asked the madman, "before it comes? "Then," said the king, "after he has been

saleep."

"Nay, "said the madman, "a man cannot be said to enjoy a thing that has passed away.' So pleased was the king with the other's wit

that he determined to make a companion of him, had a table set in front of the window of the madhouse, and bad his attendants hand a cup of wine to himself and one to his mad friend. "You drink your cup,"said the lat-ter, "that you may become like me, but, if I drink mine, whom shall I be like?

The king, on hearing this speech, threw away his cup, and remained a total abstainer forevermore.

Several of the States of the Northwest have formed independent farmers' alliances. This is a move in the right direction. When the farmers, at their own instance, without the interference of politicians or others who have individual axes to grind, organize a movement such a movement necessarily bears an impress of honesty and success. If it be desirable to organize a National alliance, the proper mode Dof proceedure is for several State alliances to and delegates to constitute the central body. Such an organization would command the allegiance of all the agriculturists of the country, formed, as it would be, according to the customs and traditions of representative government in the New World. -Prairie Farmer.

> POSTMASTER-GENERAL JAMES has devised plan for sending small sums of money through of a card having three columns representing

now ask you one. At what period does a do for a moderate sum. The first offer of creek and canyon, hill and dale, brush and The machine is used in all the sugar countries

> erican Consul at Hague, and the Aspinwalls, of New York, made millions out of the invention.-Boston Herald.

> > Improved Harness.

A recent writer calls attention to the fact that with all the inventions and improvements

that have been made, we are still driving and guiding our horses by means of appliances practically the same as in bygone ages. Horses still run away, as in years past they have run away, and the appliances for stopping them are, in a great many cases, inade quate. The writer alluded to makes the suggestion that, instead of attaching the lines di rect, as now, they might pass over a pulley on the headstall, one end to be held in the hand as now, and the other fastened to some fixed part of the harness. This simple contrivance, in accordance with well known laws of mechanics, would exactly double the power ex-

erted by the driver. All possible safeguards should be thrown around the liability of accident to life or limb, especially as the handling the reins is often entrusted to timid or inexperienced persons.

#### Mississippi Grain Trade.

The grain export business of New Orleans assuming vast proportions. A low rate of freight by way of the Mississippi river is inducing large shipments, and it is throught that the minimum rates have not yet been reached. A tow of barges from St. Louis, loaded with grain at five cents a bushel, gives now a net profit of \$15,000 on a single trip, and as the return freight pays all the expenses of the round trip, it is thought that grain could be profitably carried down the Missis-

could be profitably carried down the Missis-plan for sending small sums of money through the mails at a cheap rate. The device consists of a card having three columns representing dollars, tens and cents, and the amount to be Northern Pacific Railroad is greater than dollars, tens and cents, and the amount to be o drawn is designated by punching out figures. is usually known. Where it runs through a orchard, besides. He and his wife have made Two denominations will be issued, one for all State the company has half the land-for 20 30 pounds of butter per week, this Summer, sums within \$2.50, and the other for all sums miles on each side of the track. Where it from eight cows (six of which were lent him) within \$5. The orders will be payable to bearer, and the postoffice will not be respon-sible for their safe delivery any more than for half of a belt forty miles wile through Min-ter at 25 cents per pound, the market price fractional currency, for which they are a sub- nesota, eighty miles wide through Dakota, here, would bring him in \$7.50 per week. He fornia mill fire at San Francisco are believed

\$1;000 was refused, and not until the figure of timber, amongst the beautiful foothills them-\$30,000 was reached did Mr. Hurd surrender, selves and wider views are to be had in the mountains near the summit, where the hillof the world. Mr. Robertson, who was Am- sides are covered with pine and cedar and the valleys with thick brush, where every little canyon has its rippling stream and every val-

> ley its river. The burntwoods which lie between the summit and Yaquina bay are especially adapted for stock raising. Cattle here require very little extra feeding even in Winter, often none at all. The valleys are generally beaver-dam land and are extremely fertile, as land of that description generally is. Timothy, oats and all kinds of vegetables grow splendidly. Three tons of timothy, 50 to 100 bushels of oats and 250 bushels of potatoes are not uncommon yields per acre. I have even heard of 1.400 pushels of onions to the acre. But little comparatively of these hills is yet under cultivation, and there is room for a class of people who would clear and cultivate their home steads. Now the Oregon Pacific is a certainty and Yaquina bay is being improved by the Government, there will, no doubt, soon be a

good market for all kinds of farm product. An an instance of what can be done in thes hills, I mention the following: A Swiss, I am well acquainted with, started in four years ago on a ranch of 160 acres, only ten of which were clear, for which he gave \$800. He paid \$400 down in cash and for the remaining \$400 he got a mortgage, paying the usual interest here, viz., 10 per cent. He began with no farming machinery or horses, but only \$100 worth of provisions. Look at him now ! He has reduced his mortgage to \$200, besides paying the interest. He has three horses, two cows, several head of cattle, over 100 heal of poultry and pigs, plows, harness, etc. He has 30 acres cleared, of which 10 acres are in the innates tied and gagged, and \$8,009 in cold secured. A similar affair occurred at Wheaton, where \$600 in cash and \$10,000 in registered bonds were obtained. timothy, off which he gets over 20 tons of hay

No cabinet nomination this week. The Senators are anxious to adjourn by Saturday out the President wants them to stay until he returns from Yorktown, so as to coufirm abinet nominations.

On Tuesday night Mrs. Spoyer, of San Francisco, put her baby in the bath tub, and during her temporary absence from the room the little one turned on the hot water faucet and scalded itself to death.

The record of 2:22 made by John Shepherd with a double team has called out a challenge in behalf of Vanderbilt's Williams and Lysander, who will trot anybody for \$5,000 at Hartford within two weeks.

As the steamer Bay City and Newark were passing each other on San Francisco bay a skiff containing two men, which was between the two vessels was upset and one of the men drowned, the other being picked up.

Public opinion concerning the run on the German bauk in San Francisco is indicated by the fact that in the big board par was bid for \$50,000 deposit, bid-lers expecting merely to save the term of interest on deposit.

Col. Edwin P. B. Morgan died at his home in Aurora, N. Y., on the 13th. He was one of the stockholders in the New York Times and one of the originators of Wells, Fargo & Co. He was elected to Congress three to

J. R. Weasner dropped dead in the Cheney J. R. Weasner dropped dead in the Cheney saloon on the 13th. He was using liquor to excess at the time, which is the only cause assigned for his sudden death. Deceased was about 50 years of age and a native of Pennsylania.

The stage from Alturas was robbed on the 11th inst., about forty miles from Redding, Cal., by one man, supposed to be the same one that robbed the overland stage a few days ago. He took the mail and express. not known. No passengers.

The house of Ezekiel Perrin, near Girard,

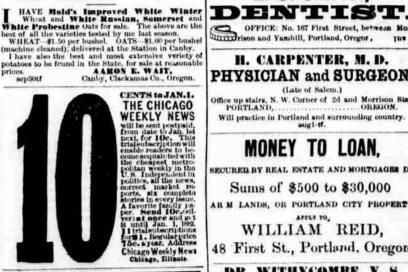
Nash, chairman of the Republican State the Company at Salem dr Portland. Portland Office N. E. Corner Front and Ash Sta augi-tf

Leopold Zomera, Moxican superintendent **Shipping and Commission** of public works, has telegraphed to the Mexi-cang oversiment strongly ree-mimending the

south of Tucson say: Two Mexican herders were killed on Tucsday and eleven wounded Indians were seen in the vicinity of Sanford's ranch. No cabinet nomination this week. The

Seed Grain and Potatoes.

DR. Z. B. NICHOLS.



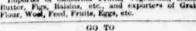
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