

WILLAMETTE FARMER PERLISHING	co.
One were (Postage cald) in advance	2.00
ADVERSISING RATES:  Advertisements will be inserted, providing to	are

WE EXPECT in a few years to see large orchards of peach and apricots along the sandy river bottom lands of the Willamette. Any situation that is protected from frost by, for instance a large fir forest, will grow these fruits splendidly. Mr. Hendrix, who lives at Wheatland, eight miles below Salem, has such an orchard and has supplied Salem and vicinity with luscious peaches for several years, at a good price.

THE BRIDGE across the Willamette is progressing rapidly. It is pleasant to hear the exceedingly complimentary remarks made everywhere regarding Salem's enterprise, etc. The traveling public can cross the Willamette at Salem by Salem's free bridge on and after December 1, 1886. Salem has actually redeemed herself and will now commence an advance we have long expected and have charge of the car and its contents tent in connection with fruit drying, as waited for.

A CANNERY erected at this point will call for a large amount of fruit and vegetables, and to be profitably engaged in there must be an unlimited quantity of fruit and vegetables grown. Speaking ture along our river bottoms. We know Minto's and Brown's island, for that purpose.

GEN. LOGAN and party passed through our State en route from the Grand Army Encampment at San Francisco, to the East. He has been loyally received and says he admires our State. He has given our people a chance to see what on your ashes left on the slashing. If to prove that fruit packed in bulk cankind of a person he looks like. Whether he will be a candidate for President or Vice President of these United States we are not prepared to say, but presume he is not traveling through this territory for his health alone.

THE HARVEST IS about over for 1886 and the result is fall wheat in this valley turns off a large yield but spring grain is not a success. We have heard no rain having fallen since the middle of May, giving us a dry spell of fifteen weeks. Wheat is coming into all the warehouses on river and railroad and clouds of dust fill the air. Whether the quantity of wheat harvested will exceed that of 1885 we cannot yet learn, but suppose it will be about the same. While some farmers report a small turn off the common report seems to be that the yield has exceeded expectations. A number of instances are reported where the quantity threshed was twenty-five to sixty per cent, more than was expected. East of the mountains the wheat yield is lower than in 1885 as a usual thing. In the Palouse region the harvest is greater than south of Snake river, and west of Umatilla the drouth has been severely felt. It is doubtful if the export from the Columbia river will come within fifty to one hundred thouand tons of equalling the wheat exported in 1885. Later reports from foreign markets show a better price and a more active demand for cargoes of American wheat. There has been an advance of a few cents but it remains to be seen if this advance is a permanent fact or only a result of sharp spec ulation or is caused by reliable failure of production.

# OREGON'S EXHIBIT.

east its second exhibit car, the first was mer pasture. sent last fall. The Northern Pacific man and his son. This car is intended to be a fair showing of Oregon products and not a collection of phenomenal growths. The car sent last year was a decided success but the present effort surpasses it. The collection was made chiefly by D. D. Prettyman and son and many persons have lent valuable aid by

distinguished people who return this way from the Grand Army gathering at San Francisco. It includes the Governors of Ohio, Maine, and Wisconsin and many others hardly less notable, so they can examine the car as they roll eastward. While Prettyman goes as Superintendent of car and contents, our \$ 2.50 old friend D. S. K. Buick, of Douglas county, is manager and chief in command, an appointment that is fortunate interests wherever the car may go. We have not time or space to give any description of the exhibit, and need only the exterior, attesting our genial climate, immunity from storms, disease, drouth and failure of crops and advantages of different sections. Much near future. reading matter is on board to be distributed and give an idea concerning our Pacific country and its general advantages. The car will visit state and county fairs all through the west and make a brief tour to Ohio, Pennsylthree months.

egon interests to the press and notable worth attending to and before many persons on their route; will have full control of the movements and managements and represent the interests of shape for a proper exhibit.

### SPRING OR FALL SOWING OF GRASS SEED.

When in Portland lately we had a long and interesting talk with a gentleof vegetables reminds us that there is man there who has become interested unlimited land suitable for tomato cul- largely in wild land in Washington county and was studying how to make it availof no finer lands than that known as able. He had slashed three hundred acres intending to burn it last Saturday and had just received a thousand pounds of white clover and orehard grass seed that was to be sown on the slashing when burned. He asked: What is the best time of the year to sow grass seed? Our reply was: Sow in the early fall fornia Alta speaks of it as having solved so as to get the benefit of the first rains that should not come up well you will not as well ripen or keep as well as if have to sow again in the spring.

To our judgment our friend has done well to select white clover and orchard grass. Probably no two grasses are more valuable. But there are other provide thorough ventilation. Fruit so good grasses and we should wish to mix packed can be left on the tree until in a tittle mesquite, or velvet grass, and thoroughly ripe and will keep ten or some blue grass, on such a pasture as fifteen days, whereas, as now packed to we speak of. In the past we have write be shipped any distance it must be ten much concerning grasses for we have picked when somewhat immature, and of some rust and a general failure to always felt that no one matter connected wrapped in paper and so deprived of mature well owing to the severe drouth, with our agriculture has as much importance to our producers as to decide what is the best grass to make pastures. We should like to have certain questions discussed fully in our columns, as fol-

> 1st-Is this a good country for permanent pastures?

> 2d-What are our pasture grasses and what are their characteristics?

In the above brief interrogatories there is room for any amount of argument and fact. To answer them well will confer a great favor on all our pro-

'For hay we have timothy and clover, but timothy forms a bulb at the surface and if pastured by sheep or swine they and who are amply are amply to do it, eat this bulb off close and kill the plant. that the Oregon Pacific Railroad will be while heavy stock trample the life out of pushed on to an Eastern connection as it, so that timothy is not well adapted to soon as the line can be built. Twenty pasture. A little of it may be put with miles eastward from Albany will be built other grasses, however. Another fault this fail, and in the meantime a route on exactly like every other, and will retain is that timothy dries up after it matures to Boise City will be selected and surand has no green blades until fall rains surveyed. Already engineering parties come. It makes the best of hay and are in the field. It is proposed to cross when that is said all is said.

in many respects. Lincoln grass gives may be some divergences to take in the a good crop then grows green all sum district best calculated to yield busmer for pasturing, but the first sharp iness. We have these assurances from frost cuts it down and it only comes Col. Hogg, John I. Blair of New Jersey, again late in the spring. From the lit- and P. R. Pyne of New York City. Mr. Thursday last, August 19th, the State the we know of it we believe it very val- Blair is a well known investor. He is

Orchard grass is one of the best be-Oregon products, and displayed with takes in well on upland sod. All round estate. great taste by the active exertions of our orchard, on high red-hill land, orch-Mrs. and Miss Ross, and D. D. Pretty- ard grass has taken possession and

making contributions of their own pro- agriculturists. We must make stock ducts. Fortunately, perhaps, the car raising take a leading part in farming starts east with a notable company of operations and to do this successfully we must know what grasses to sow and when and how and where to sow them.

#### CANNING FRUIT.

Parties, it is said, talk of putting up a vegetables. Such an enterprise may find material to work on within reach of marketable quantity. The farmer who remember, worthy of the name. say it is a fair showing of what Oregon bas a fruit drier is independent of cirto be as common as fruit driers in the

any value. If such an enterprise starts here and does not attempt too much it should realize moderate success and yet the orchards grown, but many trees the pains to do so. Our stock men re-Mr. Buick is general manager and are lately planted and will soon become years we shall see, who live, that fruit growing is popular and remunerative.

We expect to own a small canning our section abroad. Mr. Prettyman will outfit soon and operate it to some exand see that everything is kept in good some varieties that can well pay but little profit when dried. No doubt ing a bushel of wheat in the Walla Walla others will do the same.

#### SHIPPING GREEN FRUIT.

How to ship ripe fruit to best advantage is a question of no small importance. Last year we conversed with those who were making such shipments about the feasibility of using similar boxes and packing as has become general in use for shipping eggs, and actually thought of trying such egg packages for packing large plums. It seems that this experiment has been success fully practiced at the east and the Calithe question. It requires no argument packed separately in small compartments and well ventilated. The new package is made to perfectly isolate every peach or pear or orange and to fresh air. The cost of such packages cannot be very great if the empty boxes are returned for re-use. Our country is destined to grow fruit extensively for cised by its manufacturers to make it shipment to distant states and all that relates to this subject is of peculiar in- the highest leavening power. All the terest to our fruit growers. If we can ship fruit as easily as we can grow it tained by a twenty years' practical ex-we can build up a trade that will enrich perience are contributed toward this the Pacific Northwest.

### THE OREGON PACIFIC.

Last Monday's Oregonian has the following concerning this road which is so rapidly growing into popularity:

"We have positive assurance, from men who propose to furnish the money the Cascade mountains through the pass Much may be said of clover, but it east of Albany, and penetrate the best does not thrive generally and that ques- sections of middle Oregon. In the main tion tested there is no doubt of its value the route will be direct, though there president of the City Bank in New York R. R. Co. has furnished a large sized cause it will grow all summer and win- and besides his own great wealth is the baggage car that is well filled with ter, too, makes fairly good hay and trustee and manager of the Moses Taylor Port's 100 State street.

# Rapid Beating of the Heart.

The Oregon State Pair.

The annual State Fair of the State

There should be county societies all can produce. Various mottoes decorate cumstances and now-a-days we read of through the State and these should procanning outfits to cost from \$50 up vide satisfactory exhibits through all wards. So we may look for canneries the State for the Salem Fair, so that the State exhibit can comprise a fair showing of all Oregon. If our neighbors across Of course there is a great advantage the Columbia wish to take part we in an establishment prepared to work to should be glad to welcome any showing advantage and to utilize everything of they might wish to make. While we have experienced a dry summer and crops show its effects somewhat, still it will be possible to collect a fine showing vania and New York, being gone about grow into magnitude. We have not of Oregon products if any one will take spond more cheerfully than others, and will introduce the car and all Or producers. Fruit growing is something the show of live animals is generally a credit to our State. While this is desirable it is equally desirable to secure a thoroughly good exposition of all farm products and especially our fine fruits.

### Cost of Raising Wheat in Eastern Oregon.

Various estimates of the cost of rais valley have been given us during the past two years. The estimates range from 25 to 40 cents a bushel, depending greatly upon the average yield. Where there has been a yield of fifty bushels to the acre, as was the case on the big Blalock farm four years ago, the actual cost, exclusive of interest on the investment, was, as we are informed, 25 cents a bushel. Others, whose fields average thirty bushels, put the cost at 35 cents, while others whose acres only average twenty to twenty-five bushels each, state the cost at a higher figure. No exact account of the cost of plowing, seeding, cultivation, harvesting and threshing of the same area for a series of years has come under our observation, if such an account has ever been made. Judging by the reports of those who have kept a pretty fair account of the cost of raising wheat on different farms we conluded that it amounts to 35 cents when the yield averages thirty bushels per acre, and more per bushel as the yield decreases. This makes it evident that there is no money in wheat for the grower at present prices.-Walla Walla by Mail for 60 cents. Specimen Copy

### A Perfect Baking Powder.

The great success of the Royal Baking Powder is due to the extreme care exerentirely pure, uniform in quality, and of scientific knowledge, care and skill atend, and no pharmaceutical preparation can be dispensed with a greater accuracy, precision and exactness. Every article used is absolutely pure. A number of chemists are employed to test the strength of each ingredient, so that its exact power and effect in combination with its co-ingredients is definitely known. Nothing is trusted to chance, and no person is employed in the preparation of the materials used or the manufacture of the powder, who is not an expert in his particular branch of the business. As a consequence, the Royal Baking Powder is of the highest grade of excellence, always pure, wholesome and uniform in quality. Each box is its powers and produce the same and the highest leavening effect in any climate, at any time. The Government Chemists, after having analyzed all the principal brands in the market, in their reports placed the Royal Baking Powder at the head of the list for strength, purity, and wholesomeness, and thousands of tests all over the country have further demonstrated the fact that its qualities are, in every respect, unrivaled.

Do you wish a beautiful complexion? Then use Ayer's Sarsaparilla. It cleanses and purifies the blood, and thereby removes blotches and pimples from the Board of Immigation despatched to the uable as an early hay crop and for sum- the richest man in New Jersey and many skin, making it smooth and clear, and times a millionaire. Mr. Pyne is the giving it a bright and healthy appear-

Largest stock patent medicines at

# A Captain's Fortunate Discovery

Capt. Coleman, schr. Weymouth, plying between Atlantic City and N. Y., had been

Local Fair at Newberg

We are in receipt of an invitation to Agricultural Society will be held next attend the local fair to be held at Newmonth, commencing Monday, Septem- berg, Yamhill county, Sept. 23d to 25th, ber 13, and lasting all week. Since the For several years the farmers in that State has taken hold of this enterprise, part of that county have made a and given material aid to secure suc- neighborhood exhibit that has been cess, we are all interested in the fair and a great credit as well as a means cannery at Salem for canning fruits and all sections should rival each other to of progress. If such fairs could make a good exhibit. Two or three be held in all parts of Oregon they years ago successful exhibits were made would do much to create honorathis place, but the present year the fruit by several counties and they attracted ble enterprise and emulation and add no crop is nearly a failure. While there so much and such pleasant attention little to the social advantages of our are innumerable orchards, so-called, in that we hoped to see many similar dis- State. But to make such fairs a success for the proper introduction of Oregon this vicinity, there are few men who plays at the next fair and even more ef- needs united and harmonious action actually cultivate and care for their fort made to render them attractive, but and that cannot always be found. We fruit trees and have choice fruit in any in 1885 there was no county exhibit we hope to be there and give the readers of this journal some idea of the Newberg enterprise.

> Cholera Perry Davis'
> Pain Killer
> Quicker. 4 b Years experience Proves PERRY DAVIS' PAIN KILLER is the cure for

Cholera. Oughtn't you to get a bottle quickly so if you need it quickly no time will be lost? For Chalera Morbus Diarrhoea, Summer Completely Aysentery there is no remain any equal to P. D. P. K. Your druggist sells it, PERRY DAVIS & SON, Propie PROVIDENCE. R.A.

THE ROYAL SINGER!

New Singing Class Book by L. 0. Emerson. THE BEST OF ALL.

Teachers of Singing Schools who examine this, the last of Mr. Emerson's series of successful class books, will generally concede that it is, in some degree, superior to any of its predecessors. The elementary exercises, the grand easy times for practice, the part songs or gires, and the church tunes, anthems and chants all excel in their selection or arrangement.

# Parlor Organ Galaxy.

lected and sranged by W. F. Sudda, 40 good Marches Gallops, Waltzes, Rondos, Schottisches, etc., and 17 popular sings, covering 36 sheet music size pages, yet sold for the very low price of 50 cents.

Remember our superior new Sunday School Song Book, Songs of Promise, (35 cts) and our High School Song Book, Song Greeting, (60 cts.) Oliver Ditson & Co., Boston.

494 and 451 Washington Street. C. H. DITSON & Co., 867 Breadway, N. Y.

TAKEN UP.

BOUT THE MIDDLE OF JULY, ONE WHITE Boar, rather lengthy and poor; at my place ast of Salem, about 5 miles. Anyone having lost uch an animal will please call and pay expenses and ske the animal away.

J. B. LEHMAN. Salem, Or., Aug. 27, 1886.

NEG ON PACIFIC POPELAR ROTE ANGES ONLY VER

Past Time? Sure Connection! New Equipments

225 Miles Shorter! 20 Hours Less Time ! CCOMMODATIONS UNSURPASSED FOR COM-fort and Safety. Fares and Freight much less in by any other route between all points in the liamette velley and San Francisco.

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