

AGRICULTURE, HORTICULTURE, DAIRY, AND STOCK RAISING.

Cultivate your farm well, but culture in the family is better. Make your family self-supporting and your farm self-sustaining. Read good newspapers and good books aloud in the home circle for general education. This department is a regular feature of the DAILY and WEEKLY JOURNAL. For reliable local and general market and crop reports, see other columns of this paper. Every farmer in reach of a daily or tri-weekly mail should take a daily newspaper. The use of the tallow candle is past.

Agricultural Notes.
Well directed industry is the root of all success.

The potato is bound to be in style. It, too, has a scab.

Culture should be applied to everything indoors and out.

Raising eggs at 30 cents a dozen—the present price—is good as banking.

Salem grange has reduced its membership fees and is said to be increasing in numbers.

The farmer and the editor require a wider range of knowledge than any other business man.

Good winter apples will bring fancy prices before spring, although it is thought that owing to the late fall fruit will not keep as long as usual.

Mr. Simpson, commercial agent of the Southern Pacific railroad, estimates that over 2000 cars of beans were raised in Santa Barbara and Ventura counties alone.

The largest pumpkin ever grown on the Pacific coast weighed 219 pounds, and was raised this year in San Luis Obispo, California, for a Philadelphia seed firm.

Let us have no more imported eggs, hams, bacon, corn meal or woolen goods in Oregon. We can produce these things right here, and make more at it than at raising wheat.

If Oregon fruit growers have not grown rich off the efforts of the Oregon Fruit Union, they have at least had some valuable experience in the matter of getting their product to market.

J. H. Smiley, in a letter to the Maine Farmer that his sales of apples for the past five years from an orchard of two and one half acres have amounted to \$3,060.48 and the expenses have amounted to \$577.38. He figures out a net profit of \$185 per acre annually.

The farmers, and others for that matter, should be at least as smart as his Satan's majesty, and take no chances, but get all possible light on whatever matter they undertake. There is no need of working in the dark in the day of electric lights.

The editor of the Salem Statesman advises farmers not to sell their oats at 15 cents a bushel, and tells them it is worth a dollar a bushel for hog feed. This editor ought to know, as he is secretary of the state agricultural society, and a practical rural resident.

By the time the Bostonians have eaten their share of the 48,000,000 pounds of beans raised in Santa Barbara county, California, there will probably be a new crop in the market in the south. So you see there is no danger of starvation on account of the short bean crop in the far east.

The shipments of fresh fruit from Ashland, Oregon, up to Oct. 1, 1895, by freight amounted to 60,110 boxes of peaches, 5,106 of plums, 58 of apples, 1,820 of tomatoes, 610 crates of berries and 84 of grapes. In addition thereto, 11,565 boxes of peaches and a great deal of other fruit was shipped by express.

Oats contain about 9.25 per cent of protein, while corn contains about 7.90. Corn contains about 67 per cent of carbo-hydrates, and oats 45 per cent. Corn is far superior to oats for fattening purposes, though oats are far better as a milk producing food. But the Salem editor who says they are worth a dollar a bushel as hog feed is away off.

**GAIL BORDEN
EAGLE Brand
CONDENSED MILK.
Has No Equal
SOLD EVERYWHERE**

Care of Barnyard Manure.

Much has been said and written of the value to the farmer of barnyard manure, and indeed its value if properly prepared can hardly be overrated. But the fact that there is as much difference in the kinds of fertilizers under this name as there is in the kinds of cows and steers under the general name of cattle, is not so well understood. Barnyard manure can be so poor for want of food or want of care, that like scrub cattle, it is scarcely worth having.

The proper selection of the spot for the barn, near which, in all ordinary cases of farming the feeding is usually done, is of great importance in securing and preserving barnyard manure. If possible, the barn should be so located that the drainage from its roof and the surroundings outside of the yard should not be permitted to enter the yard. On the water falling upon the yard itself should be allowed access to the manure, and this should be kept from escaping by the construction of the bed of the feed yard.

If a considerable number of cattle, followed by hogs, are to be fed in the open yard, it should be large enough for feeding racks with boxes, and for troughs for water for cattle and hogs, with sufficient room for the easy movement of the stock without crowding.

For winter feeding it should be surrounded by a close fence, somewhat higher on the windward side than elsewhere and supplied with suitable open sheds around the sides to furnish protection for the stock from severe weather. The bottom of the yard before us should be so covered with clay as to make it impervious to the liquids from the manure, and if possible of such a form as to incline from all parts slightly toward the center. This will prevent any loss and will provide for a greater accumulation of litter at this point. To secure this ideal yard it may be necessary sometimes to make a ridge of earth, or to cut an open ditch around the outside of some part of it, but the saving and perfection of the manure will soon pay for all extra trouble.

In feeding either straw or fodder with corn in such a yard, with properly constructed racks, with boxes, there will always be enough waste of straw and fodder to keep the droppings well mixed and partially covered. The liquids from the cattle, together with the rainfall on the uncovered parts, will furnish enough of moisture to promote decomposition and absorption of the most of the gases formed in this process. The constant tramping of the cattle will keep the mass compact and firm so that there need be no mirey spots in the yard, and if it has been prepared with a smooth, clay bottom, with a slight inclination toward the center, and if well managed, the waste material can be accumulated here to a greater depth than elsewhere.

A barn yard after this pattern may cost some trouble and a little expense; but if well used it will soon return more than all it cost in additional quality and quantity of the manure it will furnish.

In such a yard the manure will ripen rapidly and it will retain all the soluble and volatile salts, so valuable for soil food.

The barn-yard described may not always be attainable, but many yards which cannot be made to conform to this pattern can still be greatly improved. The fundamental facts to be kept in mind, are first, that the animal liquids must be preserved and absorbed by the fibrous part of the manure, and second, that the manure mass must have sufficient moisture, when ripening to prevent overheating by which much of the valuable volatile gases are destroyed or lost. Many farmers leave their manure entirely under cover, without added moisture where it usually heats and molds and wastes.

**Children Cry for
Pitcher's Castoria.**

Good Advice for a Young Dairyman.
A young man about to begin a dairy farm wrote to the Louisville Home and Farm, saying: "I anticipate beginning in the dairy business in 1896. Would it be advisable to begin with five good cows on rented land and a limited capital?"

The reply was given by L. S. Hardin who is himself a practical dairyman, and may be of value to some of our readers. He says:

"You propose doing just what we have been telling you to do. Get you four good cows and more if you can, but be sure they are good ones, and to be sure that they must be tested with scales and Babcock to know how much each one can give and what its value is for butter making. Five dollars will buy you a good Babcock tester that will be worth more to you than forty years of experience in picking good cows. When you get one good cow that will make 200 pounds of butter a year, you will have something to compare other cows with, or, at least, puts the fat in the milk.

"We like the idea of beginning now to prepare for the season of 1896. That is the way to make a success of it. Now the first thing is to inform yourself on the art or business of dairying. First, make up your mind whether you intend to sell milk or make butter or cheese, and having determined this begin to read up and study the subject. Get the best cows you possibly can and do not take poor milkers, even as a gift.

Pay good prices or travel at good expense to get the best, for it is only the best cows that pay in the dairy. This is really the key to the situation. A man with four good cows can make more money than another with twelve medium ones. In fact, the more poor milkers you have the worse off you are.

"Learn to feed heavy up to the point of profit and hot one inch beyond. Each cow has her limit in eating to profit and you must find that out with the Babcock and the scales. None but good ones pay.

"In answer to the question relative to the risk of renting a farm for starting a dairy, with a limited capital, I would say that this is the best way to start, for the 'limit' is what brings the stuff out of a man if he has it in him. The best plan is to rent, for then if it turns out that he has not the proper qualifications for the business, he can lose only his labor, while if he buys he must carry the burden whether he will or no."

A Willamette Valley Peach District.

On the 29th of October the writer had the pleasure of driving Mr. A. H. Carson, an experienced orchard grower of Southern Oregon, to the peach orchard of T. B. Jones and Hon. A. M. LaFollett. The writer was much interested in the opinion of Mr. Carson as to the adaptability of the soil of Mr. Jones and LaFollett's soil to the growing of the peach. Mr. LaFollett has 27 acres in peaches, and Mr. Jones has 87 acres. The principal varieties grown by these two gentlemen are the Charlott, Early Crawford, Muir and Halway. The trees are now 5-year-old, and as Mr. Carson expressed it he never saw trees of that age that had made better growth, being perfectly healthy and free from all insect pests and fungus diseases, excepting the peach curl. Mr. Carson says there is no soil in Oregon better adapted to the growing of the peach than these two orchards are planted on, the same being a deep warm sandy loam, being every way congenial to the peach. As late as the season was, October 29th, Mr. LaFollett picked from his Slaway trees large fine peaches of delicious flavor which we did justice to.

While Mr. LaFollett is a progressive peach grower, he is also an ardent and successful fish grower, having a pond of some three acres in extent which he stocked with catfish several years ago. To show us the extent and success he attained in stocking this fish pond with fish, he sent his bird dog in the pond to stir up the fish. Now I know some smart Alek will say, Oh! this is a fish story. However, I do aver that catfish by the thousands were seen to jump and plunge in all directions when the dog waded through the pond. I cannot say whether Mr. LaFollett uses the bird dog to point the fish when he digs worms and spits on the bait or not, yet the pond is stocked in countless numbers, and as a food fish Mr. LaFollett tells me they are equal to our mountain trout in flavor.

(Continued on third page.)

A Great Blessing

My wife and I have found in Hood's Sarsaparilla. She had rheumatism very severely with



swollen and legs badly swollen, and hardly able to get up and down stairs without help. Many other remedies failed, but Hood's Sarsaparilla entirely cured her. It was only shortly after that I was taken with the same complaint, affecting my limbs and hips, so I just tried the same medicine with the same result. My wife and children take Hood's Sarsaparilla whenever they feel the need of a medicine and it immediately makes them feel better.

Hood's Sarsaparilla
Saves me doctor's bills. I am an engineer, and well known in this locality." G. W. WYATT, White Head Hill, Indian Ter.

Hood's Pills easy to buy, easy to take, easy in effect. 25c.

Thanksgiving Proclamation.

WASHINGTON, Nov. 5.—President Cleveland has issued a proclamation designating Thursday, Nov. 28th, as Thanksgiving day. The proclamation reads as follows:

"The constant goodness and forbearance of the Almighty God which has been vouchsafed the American people during the year just passed, call for their sincere acknowledgment of devout gratitude. To the end, therefore, that we may with thankful hearts unite in exalting the loving care of our Heavenly Father, I, Grover Cleveland, president of the United States, do hereby appoint and set apart, Thursday, the 28th day of the present month of November, as a day of thanksgiving and prayer, to be kept and observed by all of our people. On that day let us forego our usual occupations and in our accustomed places worship and join in rendering thanks to the giver of every good and perfect gift, for the bounteous returns that have rewarded our labors in the fields and in the busy marts of trade; for the peace and order that prevailed throughout the land; for our protection from pestilence and dire calamity, and for other blessings that have been showered upon us from opened hands, and with our thanksgiving let us humbly beseech the Lord to so incline our people unto Him that He will not leave us or forsake us as a nation, but will continue to bless us with His mercy and protecting care guiding us in national prosperity and happiness, and keeping alive within us a patriotic love for the free institutions which have been given us as our national heritage and let us also on the day of our thanksgiving especially remember the poor and the needy, and by deeds of charity let us show our sincerity and our gratitude."

\$100 Reward \$100

The readers of this paper will be pleased to learn that there is at least one dreaded disease that science has been able to cure in all its stages, and that is Catarrh, Hall's Catarrh Cure is the only positive cure known to the medical fraternity. Catarrh being a constitutional treatment Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surface of the disease, and giving the patient strength by building up the constitution and assisting nature in doing its work. The proprietors have so much faith in its curative powers that they offer One Hundred Dollars for any case that it fails to cure. Send for list of testimonials.

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Children Cry for Pitcher's Castoria.

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Detailed and accurate reports of social, local and personal news.

Society events and woman news written up by Salem's only woman newspaper reporter. A daily social news department.

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A Saturday page of literary news and criticisms of new books, and symposium by best writers.

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AD—ASK for La France 70th Paste, an excellent prep. relieves dental troubles. Orders for all kinds of hair goods filled within a few days. Terms: none for H. Lindstrom, 214 Broadway, and treating the scalp by the method, A. M. Eklund, Room 11-Eldridge Bldg.

J. P. FISHER, Newspaper Advertising Agent, 21 Merchants' Exchange, San Francisco. Is our authorized agent. This paper is kept on file in his office.

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