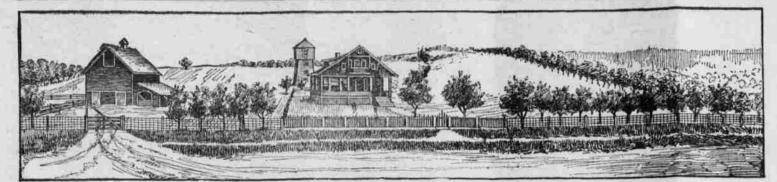
"Will You Help to Build The Fence"

This sentence, flashing from sign



Common Sense in Farming

CHAPTER VI. Potato Culture. The care of soil is the first requisite to success I would emphasize the

rye. Before plowing under, June 1, sow 100 pounds of 1 me and plaster, equal parts. When a heavy green erop is plowed under, it goes through

Potatoes cannot be grown on land growing such crops as grass, grain or corn. The mineral manure and green manure plowed under and the manure plowed under and the sold therefrom is very favorable for clean-

Plowing can searcely be too deep-provided that much or the subsoit be not brought to the surface. When practicable, the depth should be gradually increased from year to year. Tubers are formed-above the seed; the roots feed below it. Practical experience, as well as the extent of the distribution of potato roots in the soil, emphasizes the importance of deep and thorough preparation of the soil for this crop. If sod is to be planted the next year, fall plowing destroys the eggs of many insects, if potatoes follows. ing potatoes. eggs of many insects, if potaties fol-low corn or oats, the green manure

artificial, with sufficient cultivation, 400 bushels of potatoes ought to be harvested from one acre; and when potatoes sell for one cent a pound—and they often bring that price, \$240 per acre is realized, or over \$1400 on the available farming land of six acres. When the land needs thorough emitivation, plant it to potatoes and partially re-absorbed by the potato. artificial, with sufficient cultivation,

where.

If any wish to sow on their land a cliemical fertilizer, one of the best for potatoes is the quick-acting saltpeter. Of phresphate fertilizers, superphosphate is preferred. Among potash fertilizers the sulphate of potash has been found to afford a better quality of potato than the muriate of potash. of potato than the muriate of potash. Ashes, where they can be had (and the locust or gum tree grown on the farm produces good strong ashes), are effectively used to supply the potash for potatoes. Do not apply chemical fertilizers in immediate contact with the seed. Put it in the bottom of the furrow and cover with soil, or put on top of the soil and cover slightly with the boe to prevent air slacking. I

In planting, the rows should be laid off as close together as practicable without interfering with horse culti-

For the time of planting you must judge by your own and others' experience in your section of the country. Where the potatoes are grown for the early market the aim should be to plant as early as possible. Frequent stirring of the soil with a harrow warms it, produces chemical action, sprouts the seeds and destroys the weeds. Grow the potatoes during the moist part of the season, early or late in the summer, avoiding mid-summer drouth. Seed potatoes for the next year may be bad from the

unmarketable early potatoes.

Many experiments have been made to ascertain the best depth for planting. The results, with some exceping. The results, with some exception, favor planting not less than 4 inches deep. The seed should be planted deep enough to afford room for the roots bearing tabers to develop above the seed. The plant-growing roots have been found below the surface of the ground seeking nourishment from 1 to 2½ feet. Shallow cultivation and the soil leveler and

A wonderful postcard-Everybody should see the picture, Way of Life, and read carefully the explanation of one of the most clear, truthful and sublime revelations of the doctrine of salvation, "the Faith of Jesus," ever printed, superior, as this age of light and revealed truth is superior, to the greatest wis-dom and skill of the old masters. Price 2 for 5c. Huntley Bros. Co., Postcard Head quarters and Jones Drug Co.

Intensified Farming hiller should be used always when the

The time to cut send is a few days prior to planting. Use dry muck or plaster to dry up the bleeding. If potatoes are sllowed to grow long sprouts, and they are broken off, it is at the expense of the strong growth to success I would emphasize the fact that properly handled barnyard manure and proper tillage of the soil is the best means of securing large crops. And I would impress all with the fact that a well balanced fertilizer ing every cranny, put a cake of ice in must be in hand to do this. Every the "air tight" storage and winter We have suggested an experimental plot to aid him in his studies.

In the eastern continue grant results and potatoes. The results are study of his soil.

In the eastern continue there, ice reduces the temperature 40 degrees F., 8 above freezing, and potatoes. In the eastern, southern and middle states potatoes do well after green sprout. It has been found to be of mannres. Plant late potatoes on last year's corn ground sown to crimson clover, 10 pounds per acre, or winter seed must be had in some sections of the country. Many carloads of potatoes are shipped south for seed from northern Michigan every year. A closed to a process was the beginning of a publicity camcrop is plowed under, it goes through a fermentation not unlike that which occurs in a barrel of kraut, resulting in the formation of a considerable amount of acid. Potatoes are benefit approximately 500 eyes. Each eye

velopment of the potato scab.

Potatoes are grown on a great variety of soils. The ideal soil of this crop should be one soil gight as to fell and keep?

The cutting of the potato is agreed to fit, and it is considered and the soil of the potato is a desired and potatoes. The success of the potato is largely dependent upon the crops proceeding in the rotation; clover sed heavilg coated with rich men plowed and can be sovel to rea and plowed and the following apply to feel tith rich the following apply to feel tith rich the species of the potato is largely dependent upon the crops preceding it in the rotation; clover sed heavilg coated with rich and plant of the following apply the coated with rich men plowed and manures and by plowing under green coat of manure, sow to trye, and when a seed to complete the following apply the coated with rich men plowed and the following apply the coated with rich men plowed and the plant of the following apply the coated with rich men plowed and the plant of the following apply the coated with rich men plowed and plant and friend points and the plant of the p fruit

Ottecking the rows effects a saving which in the preceding year has pro-duced scabby tubers. The germs in the soil must be allowed to die by

Cultivate once a week until the vines fall down, using the leveler and

low corn or oats, the green manure quality and will keep potatoes dry said that birds in the branches are and the spring plowing will bring the and mealy until late in the following seldom killed. When the tree is struck est of results.

When barnyard manures supply nireadily respond to the absorptive with proper irrigation, natural or artificial, with sufficient cultivation, with the addition of fine charcoal fillthe available farming land of six acres. When the land needs thorough cultivation, plant it to potates and buy or raise the feed for stock elsewhere.

The evaporation of the control of t

Much has been written and printed sale by Jones Drug Co. of late about flies as a menace to human health. But not a word has been said about the damage they do to cultivated crops, which in this country must amount to scores of millions of

dollars annually. Nearly all diseases of plants are due to fungi, usually microscopic. Of such character, for example, are the the boe to prevent air slacking. I would not advise to sow these chemicals broadcast, as much of it is thus the long list of fruit "rots" of varions kinds. These and ever so many other vegetable maladies are attributable to minute fangi which feel up-

on the plants. The fungi in question are distributed in a number of ways, but commonly by files—that is to say, by the Muscidae and Sarcophagidae, or, in other words, the house fly and its relatives, and the carrion flies. Those insects feed on almost every followed. So remarkable have been the common of the sample directions on each box are carefully followed. So remarkable have been the common of the sample constants.

of fungi.

Flies are extremely fond of odors.
Some that are herrible to us are most agreeable to them. They are attracted to the cane fields by the smell of "During the past five years" Orring. agreeable to them. They are attracted to the cane fields by the smell of fermenting sugar, and there feed on the sweet sap. Thus it comes about that spores of the fungi that cause the common diseases of the cane are found in the exercta of flies caught in the cane field. The "pineapple disease" is only one of a number which they are instrumental in distributing.

Quaker Drug Co., Seattle, Wash.:

"During the past five years we have sold thousands of packages of Orrine and have never heard it spoken of except in highest terms of praise. We have dozens of people come to us and state that Orrine has cured them or their husbands or dear ones from the curse of drunkenness. Orrine is one of the few articles on the market that

Another species of cane fungus is of large size—a kind of mushroom. One of its spores, left by a fly on the cane, is washed by rain to the ground, where in it sprouts. Its vegetation later on produces a curious fruit, which takes the shape of a whitish ball. That is to say, the ball is a sort of case, inside of which the mushroom is tightly placed, like a jack-in-the-box. At daylight the spherical box, which is beneath the surface of the earth, bursts, and within two minutes the mushroom appears above ground, attaining a beight of three or four inches—From "The House-fly as a Crop Wrecker,"—Technical World Magazine.

We can conscientionsly recommend to our customers., and we do so daily feeling that we have done what to us seems a dity as well as a service."

Orrine is prepared in two forms. No. 1, a powder, absolutely tasteless and odorless, given secretly in food or drink. Orrine No. 2, in pill form, is for those who wish to cure themselves. Orrine costs only \$1. a box in every box there is a guarantee which in plain sealed envelope) to Orrine Co. 104 Orrine Building, Washington, D. C. Orrine is for sale in this city by long of the product of the cane, is washed by rain to the ground, where in it sprouts. Its vegetation.

Orrine is prepared in two forms. No. 1, a powder, absolutely tasteless and odorless, given secretly in food or drink. Orrine No. 2, in pill form, is for those who wish to cure themselves. Orrine costs only \$1. a box in every box there is a guarantee which in plant sealed envelope) to Orrine Co. 104 Orrine Building.

The Earth's Age

How old is the earth? is again agreating the scientists, and Prof. H. boards, from street car bulletins, from all sorts of advertising mediums, had s agitating the scientists, and Prof. H.
S. Shelton, of the University of Chi cago, basing his conclusions on the group of Seattle, Spokane and the people of Seattle, Spokane and the people of Seattle, Spokane and the people of Seattle, Spokane and the proportion of seattle progress of geological time is reduced to a process of seinele. Assuming these premises and a fairly uniform rate of crosion, the estimation of geological time is reduced to a process of seinele group of the propersion of solid such that the balance is to be found in the gological time is reduced to a process of geological time is reduced to a process of seinele group of the propersion of solid such that the balance is reduced to a process of geological time is reduced to a process of service of the classical physical matched such that the balance is to be found in the group of the proportion of solid such that the balance is to be found in the group of the proportion of solid the proportion of solid such that the balance is to be found in the group of the proportion of solid S. Shelton, of the University of Chi-

plow, and there will be another heavy plow, and there will be another heavy plow, and there will be another heavy should grow the sprouts are weaker thus be raised if money is much needed, and but few acres of land the plants to die or produce but little the plants to die or produce but little to be pitted with the impressions of to be pitted with the impressions of raindrops. In England it has been noticed that in many cases the eastern sides of these depressions are the more deeply pitted, indicating that the raindrops which formed them were driven before a west wind. From this the conclusion is drawn that in the remote epoch when the pits were formed the

> Charcoal has a wonderful absorbing would be the safest position, and it is by lightning it is the trunk which, pre-Potatoes sumably from its greater dryness, is a bad conductor and which therefore

This is a more dangerous disease than is generally presumed. It will be a surprise to many to learn that more deaths result from it than from scarlet tever. Pneumonia often results from it. Chamberlain's Cough Remedy has been used in many epidemics of whooping cough, and always with the best results. Delbert McKeig of Harlan, lowa, says of it: "My boy took whooping cough when nine months old. He had it in the winter. got a bottle of Chamberlain's Cough Remedy which proved good, I can not recommend it too highly." For

CURE FOR LIQUOR HABIT

Give Orrine and Destroy All

Orrine is the most successful cure for the liquor habit that the world has thing imaginable, and, constantly the changes wrought for suffering flitting from place to place, are the universal distributors of the "spores" (corresponding to seeds) of all kinds of fung.

Blick the changes wrought for suffering drinking men by Orrine that leading ministers, charity workers, philanthropists and druggists everywhere recommend the treatment. Thousands

they are instrumental in distributing. Of the few articles on the market that Another species of cane fungus is of we can conscientiously recommend to

Orrine is for sale in this city by Jones Drug Co., 615 Main St. They anow Orrine is a reliable and effica-You might interest your Eastern clous remedy for drunkenness and friends by sending them The Courier. they will not offer you a substitute

has saved the taxpayers many thous ands of dollars in the fourteen years of its existence, by making public orphauages unneces ary. Every home-less child is taken into the receiving bomes of the society, cleaned up and cared for notil some good home is found, where the child is adopted and brought up by loving parents.

The society has already received several substantial lump soms for its

large cities, but will be extended to all corners of the state. The society

endewment, and bundreds of small contributions. A number of large philanthropists have contributed soms which are kept as separate funds. earing the donor's name. Statistics show that the care of each homeless child, from the day it is taken in by the society until the day when it is placed in a private family, costs but average, hence each \$100 contributed to the work cares for the life happiness and welfare of one

ological time is reduced to a process of simple division. It is only necessary to find the total quantity of sodium in the sea and the amount which is asking the charitable people of the state to give it an endowment to health. Journal to he sary to find the total quantity of sodium in the sea and the amount brought down by the rivers each year."

Washington to be constantly socially some and the amount of the state to give it an endowment fund of \$500,000, so that it may carry on its good work of saving homeless children and finding homes for them.

Washington to be constantly social to the state to give it an endowment fund of \$500,000, so that it may carry on its good work of saving homeless children and finding homes for them.

Washington to be constantly social to the saking the charitable people back and soreness of my kidneys. My appetite was very poor and my general condition was much run down. I have been taking Foley's Kidney Pilis but a short time and now also and as a rock. I eat and condition was sound as a rock.

Name Your Farms

Throughout the United States there are many farms that are not named, and the Courier believes that it is just as important that the farms named. Give your farm a name. Fill out this coupon, and send it to the Oregon City Courier, and your farm name will be placed on the Courier Registered list of Farms. The name sent in will be published together with the name of the proprietor. Use coupon below.

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	Name of farm
	Proprietor
	Address
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REAL ESTATE TRANSFERS

Mary E Wright to Emma E Easton 6 acres in Sec 1 T 4 S R 1 E, \$800. S. Fisher to Elmer W Finzer 80 feet in width in tract 57, Willamette acres in Sec 7 T 5 S R 1 E, \$3000. Olof Johnson et ux to Emma John-son, 5 acres in Clackamas Riverside,

The Oregon Iron & Steel Co to Loren Harrington Lot 5 of Tualatin Meadows, \$10.

Tracts, \$1500. Hans Paulson et ux to H Julius

Paulson nw14 of se14 of Sec 25 T 3 S
R 5 E except 6 acres, \$3000.
William Lillie to C H Canfield,
trustee, a tract of land in Oregon
City \$1. Lucinda Deen to C A Forsberg a strip of land 10 feet in width in Sec

187., T 2 S R 4 E, \$20. N B Delore et ux to Grace E Loder 10 acres in the D L C of L D C La-The tourette .\$1.

James Adams et ux to Etta Chase, 15 acres in Sec 22, T 2 S R 2 E, \$1500.

Gladstone Real Estate Association to Bailey G McClain, Lots 15 and 16. Blk 38, Gladstone, \$350.

Andrew Robertson et ux to Joseph

A Sellwood, Lots 1 and 2 Blk 146, Oregon City, Oregon, \$1. H C Pearson to Mary A Pearson 3.91 acres in Sec T 4 S R 4 E, \$10. Michael Moehnke et ux to Fred S

Mendows, \$10.

Loren G Hrarrington to A L Harrington a tract of land in Tualatin Mendows, \$10.

Samuel O Gribble to J K Gribblel, 50 acres in Sections 15, 16, 21 and 22 T 4 S R 1 E, \$500.

Mary Stubbe to William Stubbe 80 11 acres in the G W Palmateer D L C, \$1.

William Stubbe to Mary Stubbe, 80.11 acres in the G W Plamateer D L C, \$1.

Alvina Wright to Ernest A Leighton

Michael Moehnke et ux to Fred S Menke, Bk 11 Holmes addition to Oregon City, \$1.

I S i Moarthur et vir to Carl Francis Anderson 10 acres in Sections 13 and 14 T 3 S R 1 E, \$500.

J L Vosburg et ux to Fred S Menke, Bk 11 Holmes addition to Oregon City, \$1.

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J L Vosburg et ux to Fred S Menke, Bk 11 Holmes addition to Oregon City, \$1.

I S i Moarthur et vir to Carl Francis Anderson 10 acres in Sections 13 and 14 T 3 S R 1 E, \$500.

J L Vosburg et ux to ME Beatty and 5 T 2 S R 2 E, \$4000.

Katherine King et vir to Astre J Moe et al, Blks C and D Sim's Subdiv of ler, Blks C and D of Sim's Subdiv of

Astre J Moe e t al to ff F W Gort-ler, Biks C and D of Sim's Subdiv of Alvina Wright to Ernest A Leighton ler, Blks C and D of Sim's Subdiv of Tract II in Willamette Falls Acreage Lots 3 and 4 Blk 14, Barlow's Addition to Barlow, \$980. O W Eastham et ux to E G Caufield, 140 acres in Sec 36 T 6 S R 2 E, \$1.

H. E. Cross

Wm. Hammond

Cross & Hammond

Attorneys at Law Removed to Rooms 12 and 13 Masonic Temple Probate Practice, Abstracts, Real Estate Loans, Insurance.

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INSURANCE COMPANY OF PORTLAND, OREGON

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Capital Stock and Surplus

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UNION PACIFIC LIFE INSURANCE CO.

OF PORTLAND, ORE.

WILL HAVE Capital Stock

\$200,000.00 400,000.00

Capital and Surplus...

Surplus

\$600,000.00

Taking the above figures as a basis of calculation, market value of capital stock on basis of capital and surplus as above (par value \$100) equal \$300 per

The average annual cash dividend earned and paid by the ten leading life insurance companies for the past 25 years amounts to 50 per cent. on the par on the par value of the stock.

Market value of stock on basis of dividends earned by the ten leading life companies on basis of 5 per cent. interest earnings would be equal to \$1000, per share or 1000 per cent. above par.

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