

Farm, Stock and Fruits

Facts and Discussions

EARNING AND SAVING.

It has been repeatedly said that a farmer can easier save a penny than earn it. This may be very true in most cases, and while *THE JOURNAL* would in no way discourage saving, it is not said that a thrifty farmer cannot earn anything. Of course a farmer cannot earn anything if he does not set out to. But there are hundreds of small things needed about a farm that a farmer can train himself to make, and thus earn many dollars every winter when the weather will not permit of outside work.

In the first place he can make all necessary repairs on his buildings and machinery. If a new gate is needed somewhere, this is the time to make it, even if it is not hung until spring. All the machinery and tools should be put in thorough repair at this season of leisure. It is no great "trick" to learn how to successfully habit the bearings on all heavy machinery and thus save heavy expense in a busy season. Simple blacksmithing can also be done, and many useful tools repaired and sharpened that would otherwise be thrown aside.

Of course a workshop will become necessary to do all this kind of work, but it will prove an excellent investment, to say nothing of its value to the boys growing up on the place. With a reasonable amount of tools a farmer can accomplish much valuable work every winter, and each succeeding year be able to earn more and more. Wagon boxes, hay-racks, tanks, rakes, water-troughs, poultry houses, pig-pens, and in fact everything needed about a place, can by this process be secured with very little outlay of cash. "A penny saved is a penny earned" is excellent philosophy, but never fail to "earn" every dollar you can while you are doing your saving.

SMALL YORKSHIRE SWINE.

The small Yorkshires are noted for fine points, and they fatten very readily. With their fine bones, short head, dished faces, and short legs they produce meat of an extra fine quality. The hams are broad, deep, and project well back. Although the bones are small, they are remarkably fine and strong, an animal of this breed being very rarely found sprung in the legs. They are remarkably potent in giving their characteristics to their get, especially in crossing with other breeds. One of the best indications of this fact is that a small Yorkshire bred either way nearly always produces white pigs without a black hair upon them. They are very quiet in disposition and do not attempt to break through the fences of their yards. From this disposition to remain where confined they are more successfully fenced and more easily kept in small areas than any other breed. They fatten readily at an early age. The small pigs of this breed are especially used for roasting pigs, bringing exceptionally high prices in the great city markets. The flesh is of extremely fine texture and of most delicious flavor. While this breed of swine has not been very strongly pushed in this country, it has invariably made friends in every place, except the great corn producing states where a larger hog is in demand. Wherever there is an animal needed for the refuse of a small farm, no better selection could be made than the small Yorkshires. For making fancy pork to sell at fancy prices to the fancy trade, this is the breed par excellence.

Children Cry for
Pitcher's Castoria.

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Quickly, Thoroughly,
Forever Cured.
Four out of five who
suffer nervousness,
mental worry, attacks
of "the blues," are but
saying the penalty of
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manhood, regain your
vigor. Don't despair. Send for book with
explanation and proofs. Mailed (sealed) free.
ERIE MEDICAL CO., Buffalo, N. Y.

OUR GREAT FRUIT INDUSTRY.

Report of Commissioner Dailey of the
Second District.

THE JOURNAL takes pleasure in giving below some valuable portions of the report of C. L. Dailey, horticultural commissioner for this district:

Twenty-four nurserymen have applied to me for inspection of their nurseries up to this date. I at once responded, and in each case after inspection, issued a certificate. I have found perfect harmony among them, relative to inspection of their stocks, and in no event have I found a disposition to evade the law. Nurserymen realize that some action is necessary to govern the question of infested stock, and only ask that the best and most equitable means be adopted to meet this end.

Growers familiar with the subject know that many inferior trees have found their way into orchards during the past few years, while many thousands more have been planted which were infested with injurious insects, or diseases.

In view of these facts, and the just will of those, who after years of waiting, and working, find their trees not true to name, or dying from diseases contracted in the nursery, it is very apparent that something should be done by striking at the root of the evil. It is not expected, nor is it possible, to discover and stamp out every insect, and pest, which harbors on nursery stock, no more than it is possible to cure every ailment of the human family. But if by due diligence of inspection, and the application of remedies, we succeed in stamping out 95 per cent of diseases, and pests, it seems to me we have accomplished a very great good to fruit growers.

It is not my understanding of the law, nor has it been my practice, to use extreme measures, except in very serious and extreme cases, but rather to apply remedies where it is known they are effective, and allow commercial transactions to proceed.

There is no doubt in my mind but that a large percentage of the pests and diseases of our grown, and growing, orchards of today originated while the trees were young and in the nursery rows, where proper care is not taken of them. So perfectly is this matter now recognized and understood by our progressive nurserymen, that I find the following inserted in the catalogue of one of our representative nurseries:

"Fully realizing that those who will succeed in the nursery business must grow their trees by the most approved methods, we have begun spraying all our nursery stock with that famous mixture, beginning with the seedlings of the first year, and continuing the operation several times throughout each season, until the trees are ready for market, and as a consequence the 'spray pump' and 'Bordeaux mixture,' has become as much the work of our nursery as running the cultivators."

The San Jose scale has been discovered and reported in several sections of this district, but where it came from no one seemed to know. I at once began a series of systematic inquiries, finding in every case the infested trees came from the same nursery some four or five years since. I then turned my attention to the site of the nursery in question, which is now mostly given over to other crops, but I found on old pear trees on and near the same ground, scale in great abundance. My conclusions were that had this nursery stock been properly inspected at that time and treated to fumigation, there would be little or no scale today in this horticultural district, and hundreds of dollars would have been saved.

Most of our nurserymen are awake to the facts referred to above, and where proper remedies have been used throughout the season, such as Bordeaux mixture, kerosene emulsion, and other equally efficient remedies, the stocks were comparatively clean. I found to a greater or less degree, however, wherever I went, the eggs of the hop louse deposited upon the

young prune stock. I also found in the two-year-old stock, especially of the cherry, and prune, some symptoms of fungus disease. In each case I directed that all such stock be fumigated with the gas treatment, for insect eggs, and I believe it has been faithfully carried out. A portion of the two-year-old stock, in which were found symptoms of fungus, I requested thrown out and burned, which was largely done. This being the first year that we have given full attention to nurseries, some of our nurserymen had never heard of the gas treatment, and many were the questions asked in regard to it. In view of this enquiry the following facts have been collected by me from various authentic sources:

Hydrocyanic acid gas was originally discovered, or at least applied to fumigating purposes, in 1886, by Prof. D. W. Coquillett, government agent, while experimenting in California, for the extermination of scale insects. It is now used there very extensively for this purpose; the method being to cover the infested tree by means of a canvas tent, introducing the gas underneath. The gas is the result of chemical action by mixing cyanide of potassium, sulphuric acid and water, in proportions laid down in various published formulas. Hydrocyanic acid gas is poisonous when inhaled in quantities. Still while this is a fact and it is well to know them, the experience of several years in handling this gas through the country, has terminated in few, if any, accidents, any more than the hauling of Paris green, or London purple, which are each deadly poisons, but their use seldom results in accident. The hydrocyanic acid gas is a little lighter than air, consequently it will rise in a fumigator, and is very penetrating in its nature; it is equally deadly to the insect life of eggs; killing insects by direct contact, and where eggs are found, by penetrating the egg, covering, and poisoning the forming embryo within. It is not inflammable gas, nor will it ignite or explode.

I witnessed a gas fumigation where woolly aphis were treated. After a half an hour had elapsed, our close examination failed to find a single live aphis.

There is a phase connected with the inspection of nurseries and the treatment of stock, which should very largely interest hop men. The hop lice in the fall of the year, leave the hop yards in the wing state, lay their eggs for the further propagation of the species on the plum and especially on plum stock in the nursery rows. The following spring these eggs hatch, and in due time the lice find their way back to the hop fields. Now if these eggs are killed by fumigation when the nursery stock is dug, it will certainly destroy a very large percentage of hop lice.

The nurserymen of this district are principally located in the vicinity of Woodburn, Salem, Albany and Tangent. The principal stocks carried wherever I have been, are apples, pears, prunes and cherries; peaches being rather neglected.

Tramps in Holland are put in a cistern which has a pump in the bottom. Water is turned on in a sufficient volume to keep them pumping briskly to keep from drowning. One dose is generally sufficient.

USEFUL BOOKS GIVEN AWAY.

Art and Fancy Work.
Mrs. Nella Duggett of Boston has recently written a book, "Fancy Work and Art Decorations," that gives practical instructions for making dollies, table covers, scarfs, tray cloths, pin cushions, etc., etc., with 50 illustrations. This book, together with a "Successful Home Dyeing" will be sent to any reader who forwards the attached coupon and a 2-cent stamp to Wells, Richardson & Co., Burlington, Vt.

Coupon No. 1015.
This entitles any reader of *The Journal* to one copy of "Fancy Work and Art Decorations," and "Successful Home Dyeing."

Diversified farming is proving a blessing even to the great cotton belt, where it has been thought for a century that nothing would do but cotton. The wheat belt is having the same experience, only it "caught on" fifty years sooner.

Keep your children well supplied with useful employment and good newspapers, and they will make good citizens with only a moderate education.

Dr. Brown, of Frisco, should hire a young man type writer.

VALUABLE IMPORTATION.

E. Hofer, of Salem, received on the 20th day of December a breeding pen of Buff Cochins direct from the yards of Mr. Donisthorpe, of Nebraska. They are bred of a cross of English imported birds that cost the Nebraskan from \$100 to \$300 each and the leading Buff Cochins strains of America. Mr. Donisthorpe is the owner of Lord Gwyder and Lady Burgess, two of the highest scoring Buffs in the United States, and Mr. Hofer's importation is direct from them. To say these birds are very fine would be putting their qualities before our readers not too strong. Suffice to say, they are a credit to any breeder in the land and fit to grace the yards of the most fastidious. There are five of them and they cost Mr. Hofer the round sum of \$75. The Marion County and State Poultry Show to be held in Portland will be favored with their presence, and those in attendance will then have the opportunity of admiring their beauty and fine points.

Mr. Hofer has set an example for our Oregon poultry breeders that it is business to follow, that of getting the very best.—Oregon Poultry Journal.

Lord Salisbury gave no encouragement to a deputation of English farmers who called upon him last week to advocate a heavy duty on hops as a protection against hops imported from Germany and the United States. This action has led to the formation of an agricultural party in parliament, which will be a unit in matters directly pertaining to the farming interest. It proposes to make an active campaign for the protection of British farmers against foreign competition. The progress of this effort will be watched with interest all over the world. The open markets of England for American cereals are a great benefit to this country, and a protective tariff against our grains would be seriously felt. The English have been "whipping the devil around the stump," however, in the case of our cattle and sheep exports by unfair regulations on the ground that our stock is not healthy.

SOME DIVERSIFIED THOUGHTS.

Don't raise "scrubs," even in your family.

Uncle Sam is furnishing many fine roadsters and carriage horses to France.

See that your stock is warm, even if you get occasional cold feet or cold hands to do it.

Hops are getting so low that a Salem liveryman uses them for bedding his horses.

Let not the flower of the family be confined to the household, but have beautiful flowers in and about the house at all times.

Every county in Oregon ought to have good meetings during the winter for the discussion of the interests most important to the farmers of the respective localities.

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Coupon No. 1015.
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The above liberal offer is made to advertise the reliable Diamond Dyes, and to get their book on home dyeing into the hands of women who want to dress well by making their old clothing look like new.

The fact that Diamond Dyes have been the standard home dyes for nearly 30 years, and that their sale increases from year to year, is proof positive that they never had an equal.

Bucklen's Arnica Salve.
The best Salve in the world for Cuts, Bruises, Sores, Ulcers, Salt Rheum, Fever Sores, Tetter, Chapped hands, Chilblains, and all Skin Eruptions, and positively cures Piles or no pay required. It is guaranteed or give perfect satisfaction or money refunded. Price 25 cents a box. For sale by Fred A. Legg.

VALLEY LOCAL NEWS.

Aumsville.
The Marion County Record is well established in Aumsville and will issue its first edition January 9.

A very enthusiastic creamery meeting was held in Aumsville Monday afternoon. We have not heard the result, but have no doubt of its being built and operated, as all seemed determined that it should.

The home of J. H. Bashor was made the liveliest place in town last Thursday evening, occasioned by the friends of Dr. T. L. Bull coming en masse to make him a farewell visit before his leave for Louisville, Ky., where he goes to finish his dental education.

B. Hellebaker took the overland train from Turner Monday morning to look at some farms near Kearney, Neb., with a view of trading his farm here. His Aumsville friends sincerely hope he will not.

We hope the craze for dancing that has had possession of the greater portion of our citizens, both old and young, has at last abated, as there has been none for nearly a week.

Our schools started again Monday after an absence of two weeks. Teachers and scholars were on hand bright and early, as if they were pleased to again be at their work.

Marion.

Marion is on the move. A. H. Hunt and family have moved in with Mrs. Furnham. J. W. Lance and family have moved into the Rutherford house.

Marion has another hotel—Al Patton, proprietor. Verily, the hungry will be fed.

John Christopher is loading a car of baled hay for Portland.

J. S. Wyant, of the Statesman force was in town Monday.

Rev. Elwood Scott, pastor of Friend's church at Highland, began a series of meetings at Friend's church here on December 30, which will perhaps continue during the present week. The interest is increasing each day and good work is being done, principally with the members thus far, many claiming the more definite experience of sanctification. Brother Scott is a mighty power in God's hand in advancing His kingdom in the earth. Let the good work go on in the watch word.

Brother A. Gardner, who has been afflicted with paralysis for several months is at home again and is improving slowly. He gets around tolerable well by the use of a cane.

Mrs. B. F. Henshaw, who has been prostrate with rheumatism for some time, is out again.

Mrs. C. A. George has been sick-bed for several days, occasioned by the effects of a fall.

Condensed Testimony.

Chas. B. Hood, Broker and Manufacturer's Agent, Columbus, Ohio, certifies that Dr. King's New Discovery has no equal as a Cough remedy. J. D. Brown, Prop. of St. James Hotel, Ft. Wayne, Ind., testifies that he was cured of a Cough of two years standing, caused by La Grippe, by Dr. King's New Discovery. B. F. Merrill, Baldwinville, Mass., says that he has used and recommended it and never knew it to fail and would rather have it than any doctor, because it always cures. Mr. Hemming, 227 E. 25th St., Chicago, always keeps it at hand and has no fear of Croup, because it instantly relieves. Free Trial Bottles at Fred A. Legg's Drug Store.

Children Cry for
Pitcher's Castoria.

Full Details Gladly Given.
A Railroad Official's Experience.

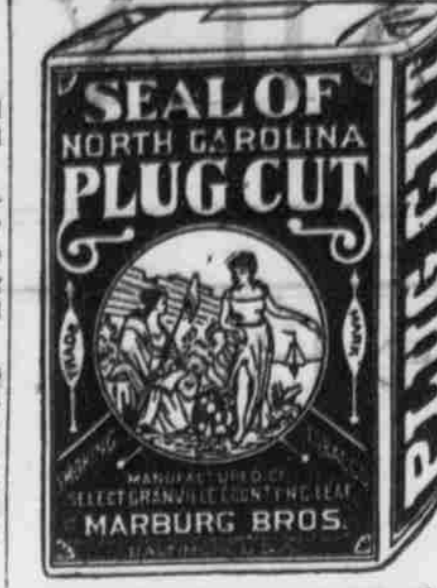
Mr. Edward Edmonds, long connected with railroad construction in Nebraska, writes: "My heart troubled and pained me for 19 years. Shortness of breath was the constant and most common symptom. Intense, excruciating pain, generally followed any severe exertion. Faintness, hunger without any appetite, fainting that made me clutch my breast, and palpitation that often staggered me as if I would fall, were frequent attacks. Again, everything would turn black if I arose from a stooping posture quickly. Sleepless nights with their prostrating unrest were numerous and I could get no rest day or night. I consulted leading physicians and tried diversified remedies. They gave me no relief. One of Dr. Miles' circulars described my case so exactly that I took Dr. Miles' New Heart Cure and I am now a well man. I hope every one troubled with heart disease will try Dr. Miles' remedies. If they will write me personally, I will gladly give them full details of my experience." Edw. Edmonds, P. O. Box 68, David City, Nebraska.



Dr. Miles' Heart Cure is sold on guarantee that first bottle benefits or money refunded.

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Dealers in all kinds of fresh and salt meats.
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For water service apply at office. Bills payable monthly in advance. Make all complaints at the office.

Open spicket to prevent freezing, positively prohibited. Care should be taken if in danger of freezing to have stop and waste gate closed see section 3 rules and regulation. No deduction in bills will be allowed for absence or for any cause whatever unless water is cut off from premises.

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OF SALEM.
Transact a general banking business.

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Express, baggage and all kinds of work done promptly. Leave orders at Patton's store.

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Meets all mail and passenger trains. Baggage and express to all parts of the city. Prompt service. Telephone No. 70.
JAMES RADER.

INSURANCE.—J. N. Ferguson, agent for Western Assurance of Toronto, Phoenix of London, New Zealand Insurance company and the Aetna Life and Accident, has moved his office in with the Globe Real Estate office, up stairs in post office building. 1-2-1m

COMBINATION OIL CURE CO., for cancer and all malignant diseases. We cure cancer, old ulcers, piles, tumors, fatal sciatic rheumatism, catarrh and minor disease. We have a combination oil which is working wonder. Address, H. HECKMAN, Traveling Agent, Eugene, Or.

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OF THE
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1:05 a. m. ar. San Fran. 1:10	

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South	North
8:30 a. m. Lv. Portland ar. 4:40 p. m.	11:00 a. m. Lv. Salem 2:20 p. m.
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4:45 p. m. Lv. Portland ar. 8:25 a. m.	7:25 p. m. ar. McMinnville 6:50 a. m.
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Given on reasonable terms by an experienced teacher.
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