

SUBSCRIPTION RATES:

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JULIAN BYRD - - - - - Manager

One has only to attend a session of the modern farmers' institute to appreciate what an immense advantage the agriculturist of today enjoys over his predecessor of past generations, says the Spokesman Review.

Never before was farming conducted so intelligently or with so general a resort to everything that science, research and experience can suggest for successful cultivation and production. In the old days the farmer allowed nature to do about as it pleased, offering little or no assistance to it excepting in planting and gardening, and accepting contentedly whatever might come forth.

The results of these slipshod methods were that farmers eked a poor existence, gathered crops of ordinary size and quality, found the work drudgery, with slim rewards, and saw their sons eager to escape from humdrum toil that awakens no ambitions, excited no interest in farm routine and held out nothing for the future.

All this has been changed since the days of intelligent and progressive farming. The farmer of today uses different methods. He assists nature in its work, and is ever studying how he may do it better. He is always experimenting and learning. His work has advanced so much in its requirements that it has almost become a profession.

Railroad surveys do not always surely presage quickly succeeding railroads along the surveyed routes. Sometimes the surveys are only experimental; sometimes they are intended to deceive the real purpose of those making them; sometimes they are a bluff.

But the time is nearly at hand when in several cases railroads will be built along routes already surveyed. Various parts of Oregon, Idaho and Washington are developing so, or are now so well known to be susceptible to such development, that railroad construction in a number of instances cannot be much longer deferred.

One road will be to Tillamook. It is an old, well-worn story, but it must come true. Another will be over to Coos bay. That magnificent region must have a landward outlet. The Corvallis & Eastern will in time be extended. So must the Columbia Southern.

Another survey is being made by another route. Surveyors are also working between Athena in Umatilla county and Wallowa county. And there are other railroad projects that besides these mentioned, must before many years materialize.

Electric roads will also be built, especially in the Willamette Valley, connecting all its principal towns. There will be a good deal of talk first, and some backing and filling, but they will come, must come. Oregon is developing sufficiently to sustain them, and they will greatly promote Oregon's development.—Journal.

Kuropatkin—His Book

(A collection of random remarks published by Printsky & Typovitch; price, 10 kopecks.)

It is better to have an ovation before going to the front, than to take chances on getting one when you come home—if you come home.

I have found the automobile in war to be of immense value. A General equipped with a chug-chug smoke wagon can defy an army of infantry to overtake him.

Experience has taught me that the breast shields are unnecessary for the Russian army. Such a shield is only useful when facing an enemy.

Target practice may be excellent for soldiers, but it is not so important as the ability of a soldier to sprint.

If a flying machine is ever invented it will be the work of a Russian General.

I am firmly convinced that the greatest need in Manchuria is a system of first-class roads, running North.

The theater of war never has enough exits for one of the contending forces.

It is as easy to lure on the enemy as it is to retreat, and it sounds better in the histories.

War, poverty, politics and defeat can each and all be described after the manner of General Sherman.

AMERICANS TOO SLOW.

F. J. Hagenbarth, president of the National Livestock association, has been a guest at the Palace hotel for several days, awaiting a chance to go to Los Angeles, where private business affairs await his coming, says the San Francisco Call.

While discussing the livestock situation in the west yesterday, Hagenbarth expressed surprise over the fact that the coast stockmen were not showing more interest in the consumption of meat in the Philippines, the supply for which the government is getting from South America and Australia. Upon this subject he said:

"I cannot understand why your cattlemen and wholesalers do not unite in an effort to get this trade for the coast instead of letting foreign markets derive the magnificent revenues the annual trade provides for them. Our government, through its army commissary department, is advertising for bids for supplying 50,000 head of hives and 200,000 sheep that will be opened on July 2. It is almost certain that these contracts will be awarded to Australian and South American firms, as before, instead of to cattlemen on this coast. When you consider that the hives bring about \$40 a head and sheep about \$3.50 it is easy to imagine what a loss it means to the Pacific coast industry, amounting to several millions of dollars.

If the cattle men and the big beef contractors on this coast would only unite there is no doubt that they could divert this trade to themselves, where it rightfully belongs. San Francisco, with its ample facilities, could handle the bulk of the supplies and Seattle and Portland can also get a share of it. From what I have observed your cattlemen are too slow."

For Sale—Two hundred acres of land under fence, water right recorded, some horses well broke, also household goods, inquire of Mrs. Nannis Byerley, Burns, Ore.

FRUIT LOSSES BY PESTS

A BULLETIN ON "WORMY APPLES" IS ISSUED.

The Washington Agricultural College Gives Information on Fruit Pests—Over 230,000 Lost Last Year.

A L Melander of the zoology department of the state college of Washington, has just published a bulletin on "Wormy Apples".

Last year 1500 carloads of apples, valued at \$900,000, were carried by rail from the Inland Empire and this was less than one-half of the amount grown. Those not shipped were wormy and were left to rot or were consumed at home. It is figured that the farmer lost \$200,000 to the worms on last year's crop.

The codling moth is the cause of the wormy apples though not many fruitgrowers are willing to believe it. The borer which destroys the apple is the larvae, or worm form of the moth. Wherever the apple can grow the codling moth can live also.

The apple is essentially the food of the codling worm. In some sections of the state two generations of worms occur each season. The worm of the first brood is hatched from a tiny flat egg laid by the mother on or near the young apple. When it hatches it seeks shelter in the calyx of the apple. Now it proceeds to burrow into the apple feeding as it goes, remaining there for two or three weeks, or until it is grown, then it emerges and seeks another hiding place.

When a suitable place is found it spins a cocoon and in this it pupates, that is, it changes to the brownish, legless worm. After two weeks it is again transformed to the moth. Now eggs of the second brood are laid on the apples and when hatched the worms burrow through the skins of the apples. Again this second brood cocoon and remain over winter as larvae.

Spraying, if done at the proper time, is the effectual remedy for getting rid of these pests. The time for the first spraying is just after the blossoms have fallen and before the calyx cup has closed; but as the blossoms fall about two weeks before the majority of the worms enter the apple, it is necessary to spray a second time two weeks after the first treatment.

These two sprayings usually prove an effectual campaign against the first brood; however, if a spraying is needed for the second brood it should take place about a week after the moths appear to allow for the incubation period of the egg, even a fourth spraying may be necessary two weeks later. It is essential to spray well and at the proper time.

The formula for spraying solution for apple and pear trees stands: Paris green 1 pound Lime 1 to 2 pounds Water 150 gallons

This is the time of year to look for winter comforts, so call at the Burns Furniture Co's. store and leave your order for a couch of any pattern or style.

A Living Monument.

If we were to assemble all those who have been cured of heart disease by Dr. Miles' Heart Cure, and who would to-day be in their graves had not Dr. Miles' been successful in perfecting this wonderful heart specific, they would populate a large city.

What a remarkable record—a breathing, thinking, moving monument, composed of human lives,—that for which every other earthly possession is sacrificed.

The Miles Medical Co. receive thousands of letters from these people like the following: "I feel indebted to the Dr. Miles' Heart Cure for my life. I desire to call the attention of others suffering as I did to this remarkable remedy for the heart. For a long time I had suffered little excruciating pain in the region of the heart, so serious that I feared that I would some time drop dead upon the street. One day I read one of your circulars, and immediately went to my druggist and procured a box of the Heart Cure, and took it according to the directions. Within a few days the pain entirely ceased. Since then I never miss an opportunity to recommend this remedy to my friends who have heart trouble. In fact I am now a cured sufferer. If I am widely known in this country, it is due to your Heart Cure. H. B. WILMAN, Nashville, Tenn.

Give Your Stomach A Rest.

Your food must be properly digested and assimilated to be of any value to you. If your stomach is weak or diseased take Kodol Dyspepsia Cure. It digests what you eat and gives the stomach a rest, enabling it to recuperate, take on new life and grow strong again. Kodol cures sour stomach, gas, bloating, heart palpitation and all digestive disorders. L. A. Sopher, of Little Rock, Ky., writes us: "We

feel that KodolCure deserves all the commendation that can be given it as it saved the life of our little girl when she was three years old. She is now six we have kept it for her constantly, but of course she only takes it now when anything disagrees with her." Sold by Burne Druggists.

Men's wear cleaned and repaired by piece or month at the Hill residence.—Mrs. Moon.

REVISED TABLE OF INFORMATION.

The following table has been compiled after careful and thorough investigation of all records and statistics obtainable and gives actual resources of Harney county, every item of which can be proven:

Table with columns: Number, Car., Wts. lbs. Items include: Wool clip annually, Harney county; Sheep shorn annually; Cattle shipped annually; Horses and mules shipped annually; Merchandise shipped to merchants; Merchandise shipped direct to ranchers; Stock salt and sulphur; Stage freight at 3 cents per pound.

Table with columns: Area of land, acres. Items include: Area of land, acres; Unsurveyed; Of above amount 556,324 acres are in forest reserve and Carey selections; Appropriated; Tillable, assessed; Non-tillable, assessed; Improved, not patented; Susceptible to irrigation under U. S. Geological survey of Silver Creek reservoir; Carey selections, approved; Road Companies Land; Susceptible to irrigation; Tillable bene covered by Mailheur Lake which would be drained and reclaimed by holding up water of Silver River in reservoir; Water Facilities—Silver River, Silver creek, McCoy creek, Blitzen River, and ten smaller streams; Altitude—4,100 feet—same as Salt Lake Valley; Mean Temperature—42; Annual precipitation—12 inches; Minerals—2,300 pounds of borax mined and hauled by team from Denio, Oregon to Winnemucca, Nevada, daily, being all that is developed to speak of; Crops—Wheat, oats, rye, barley, alfalfa, sugar beets, hops, potatoes and all kinds of hardy fruits and vegetables.

RFD FRONT LIVERY, FEED AND SALE

STABLE. BRENTON & CILBERT, Propts. Main St., Burns, Oregon. Horses receive the best of care from experienced hands. Elegant New Livery turnout. Outing Parties Accommodated. Horses Bought and Sold.

FOR SALE BULLS. Yearlings and Two year-olds in quantities to suit. The bulls can be seen at the "P" Ranch and persons desiring to purchase should inquire of F. H. Hurrell, Assistant to the General Manager, who will furnish information as to prices and will sell the same. FRENCH-GLENN LIVE STOCK CO.

CITY MEAT MARKET. R. E. YOUNG, Propt. Fresh and Salt Meat Always on hand. My Prices: T-Bole steak 2 pounds, cut short; Loin, Porterhouse and rib steak, 2 1/2 pounds; Round steak 3 pounds; Chuck or shoulder 3 1/2 pounds; Brisket and neck boil 6 pounds; Rib boil 5 pounds; Flank boil 4 pounds; Rump boil 4 pounds; Bologna sausage 2 pounds; Beef sausage 2 1/2 pounds. For Cash Only. Will deliver all products. Ice for sale delivered to any part of the city.

JOHN GEMBERLING, Jeweler, Optician and Engraver. Fine Watch Repairing A Specialty.

FOR THE MAN AND THE WOMAN WHO KNOW. There's no light rifle like the Marlin .22 repeater, for either target shooting or small game, because it has Marlin accuracy. If you shoot this means everything. The Solid Top, with its wall of metal always between you and the cartridge, and the Side Ejector are original Marlin features, which make it the safest to handle as well as the surest. It shoots short, long and long-rifle cartridges without any change. The Marlin 16-gauge Shotgun are the smallest and lightest repeating guns manufactured. A new, well balanced gun of great accuracy. Handles still loads safely and well. Write us about any particular repeating rifle or shotgun you wish to buy. Our latest Catalogue—30 illustrations—and our Experience Book, that tells what MARLINS are doing the world over, free for 3 stamps postage. THE MARLIN FIRE ARMS CO. 42 Willow St., New Haven, Conn.

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