

LATEST NEWS OF SANDY AND VICINITY

BULL RUN.

Grain is needing rain at this writing. Ed Mile's horse fell on him recently and broke his leg. He is getting along very well.

Mr. and Mrs. Allison of Sellwood is visiting Mrs. Allison's brother, F. Bacon. Harry Hines of Sellwood is spending a month or two with relatives at Bull Run.

Will Fegal and wife and Jack Fegal of Portland spent the Fourth with their parents, James Fegal and wife.

Bud Smith and family spent Sunday with G. B. Thomas and wife.

Jerome Cockerleas is building Mrs. Leet's a summer kitchen.

Mrs. Rainey and her daughter, Helen, of Colorado, is visiting her son Charles Rainey. She likes Oregon very much.

For Sale.

(Man or woman) A 320 acre South African Veteran Bounty Land Certificate, issued by the Department of the Interior, Government of Canada, Ottawa, under the Volunteer Bounty Act, 1908. Good for 320 acres of any Dominion Land open for entry in Alberta, Saskatchewan or Manitoba. Any person over the age of 18 years, man or woman, can acquire this land with this certificate without further charge. For immediate sale, \$800. Write or wire L. E. Telford, 131 Shuter Street, Toronto, Canada. (31)

CHERRYVILLE

Rev. Wm. Runnyan, Wm. O. Rugh and family and Charlie Cobb and mother had a Fourth of July picnic at Salmon River last Saturday.

J. T. Friel, Jr., and family took in the Celebration at Sandy last Saturday.

Rev. Wm. Runnyan preached an excellent sermon at the Methodist church Sunday.

Rev. J. W. Edon and Dr. Rowland were in Cherryville last Thursday evening.

Mr. and Mrs. Clark Corey passed through Cherryville last Sunday.

Floyd Corey was in Cherryville Sunday.

Twenty-eight automobiles passed through Cherryville last Saturday en route to Rhododendron hotel.

The new Methodist church has just been newly painted.

There will be a Cherry Festival at Gresham on Saturday, July 17th. Free cherries will be distributed and exhibits made. All day. A fine program from 2 to 4 p. m. At Fair Grounds Pavilion. Free, everybody welcome.

Bowel Complaint in Children.

When six months old the little daughter of E. N. Dewey, a well known merchant of Agnewville, Va., had an attack of cholera infantum. Chamberlain's Colic, Cholera and Diarrhoea Remedy was given and effected a complete cure. This remedy has proven very successful in cases of bowel complaint in children and when given according to the plain printed directions can be relied upon with perfect confidence. When reduced with water and sweetened it is pleasant to take, which is of great importance when medicine must be given to young children. For sale by Gresham Drug Co.

THAT WATCH OF YOURS

has needs just as much as you have. You need cleaning and fixing up once in a while, and so does your watch. About once a year the proposition of cleaning and oiling that watch comes up. It's then that you want to think of me. The treatment accorded a watch is just the same whether it is the best or the poorest make—that is, the best attention is given it. FLOA is an expert in handling watches. Let him fix up your timepiece.

FRED D. FLORA
191 Morrison Street
Portland, Oregon
(Near Pap's Restaurant.)

SPECIAL BARGAINS

Offered by Beaver State Herald, Gresham

Darrow's History of the Grange and The Herald for 1 year, - - - \$1.50
Poultry Secrets Disclosed, Farm Journal for 2 years, and The Herald, 1 year, - \$1.50

Write Today! This is Your Chance.

Kale.

In October or November after the green corn has all been fed the kale, although not fully grown, will be ready for feeding. The plants should be cut off at the ground with an axe or slash, and the entire plant tossed on to the wagon or sled and hauled to the feeding place. Enough may be cut at one time for one or several days' feeding. Frozen kale should be allowed to thaw out before feeding. Where it is thought the older plants may taint the milk they should be fed immediately after milking. Forty pounds of kale per day with twenty pounds of good hay, such as oats and vetch, fed in two portions, makes an ideal ration for milk cows, very little or no milk feed being needed. The kale may be fed as needed clear through the winter until April or later. For summer feeding seed may be fall sown and transplanted early in the spring, being ready, under favorable conditions, for cutting during July, August and September. Unless the ground could be irrigated, however, once or twice the yields are not so heavy at this season.

Stripping of the lower leaves of the kale as a regular practice is not recommended, as it is extremely laborious, especially during wet weather, puddles the soil badly and causes the stripped plants to suffer from frost. However, where green feed runs short in September, the larger lower leaves of the kale may be stripped off for feeding at this time, and later as wet weather comes on and the plants grow larger it pays to abandon this stripping and cut the entire plant with an axe.

As well bred seed cannot as yet be secured upon the market, it is important that the grower should select five or ten of his very best plants.—Oregon Agriculturist.

FERTILIZER FROM ROOSTS.

Scientific Tests to Ascertain Value of Poultry Droppings.

The average farmer does not appreciate as he should the value of the fertilizer made by poultry. This may be mainly due to the fact that many times it is not properly stored, so that much of its chemical constituent material is lost.

Professor Morse of the New Hampshire experiment station, after referring to the loss of fertilizer value and answering the question how best to retain it, says the best materials for this purpose are gypsum or land plaster, acid phosphate and kainit, a cheap potash salt. Each of these chemicals has the power to form new compounds with the ammonia as fast as it is set free from the original combination. Wood ashes and slaked lime should never be used, because they cannot combine with ammonia, while they do force it out of its compounds and take its place. Plaster is apt to produce a dry, lumpy mixture when used in large enough quantities to arrest the ammonia, while kainit and acid phosphate produce the opposite effect of a moist, sticky mass.

Bulletin 98 of the Maine experiment station says that, using their results as a basis of calculation, the weekly droppings of a flock of twenty-five hens when scraped from the roosting platform should be mixed with about eight pounds of kainit or acid phosphate and a half peck of sawdust. If one desires a balanced fertilizer for corn and other hood crops a mixture of equal parts of kainit and acid phosphate could be used instead of either alone. The same authority tells us that "good dry meadow muck or peat would be equally as good as sawdust, if not better, to use as an absorbent."

Fresh poultry manure at the present values of fertilizers would be worth 90 cents per hundred pounds. Figures from different experiment stations would give the product of twenty-five hens for the winter season of six months as 375 pounds for the roost droppings only.

Poultry manure is especially adapted as a top dressing for grass because of its high content of nitrogen in the form of ammonia compounds, which are nearly as quick in their effect as nitrate of soda. A ton of the manure preserved with sawdust and chemicals would be sufficient for an acre when

PHOTOS

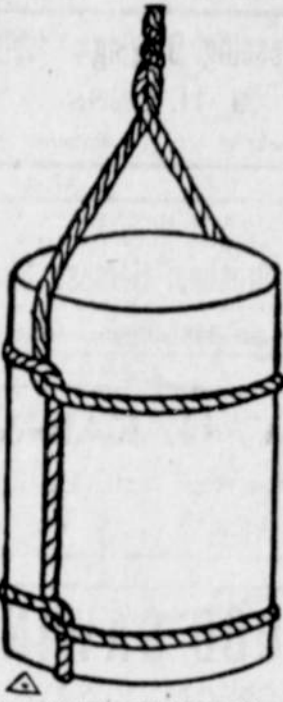
ALL KINDS
EXCELLENT WORK
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Open every day.

STUDIO
Main Street, - Gresham, Ore.

compared with a chemical formula for top dressing.

On the same basis of comparison 100 fowls running at large on an acre should in a summer season of six months have added to its fertility the equivalent of at least 200 pounds of sulphate of ammonia, 100 pounds of high grade acid phosphate and sixty pounds of kainit.

Device For a Barrel Swing.
How to make a barrel swing is simple enough when you know how. The cut represents a handy rig for cleaning out a well or for slinging a paint bucket from the roof of a building. If it is necessary to set the bucket or



RIG FOR WELL OR PAINT BUCKET.

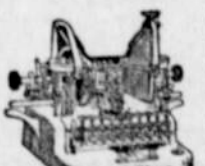
barrel down, wind the rope with wire or string in order to prevent loosening and slacking. As long as the bucket hangs the rope will remain tight and firm. The device is very simple, easy to construct and is quite inexpensive.

Best Varieties of Potatoes.

Of 111 varieties of potatoes tested at the Ontario Agricultural college the following varieties are among the best when yield, size, freedom from rot and quality are considered: Late—Empire State, Dempsey Seedling, Rural New Yorker No. 2, Medium—Rose of the North, Burpee's Extra Early, Early—Early Fortune, Early Harvest, Extra Early Eureka and Early Dawn. The

You Can Pay 17c a Day

The largest typewriter concern in the world offers the best typewriter in existence for 17 CENTS A DAY. This certainly places a premium on PENNIES! It recognizes honesty as a commercial asset.



Simply save the small change that now slips through your fingers and own the magnificent new OLIVER No. 5. The \$100 typewriter with its wealth of exclusive conveniences. —The 100 per cent perfect typewriter, with its wide range of practical uses. —The sturdy machine with record speed that writes in an undertone. Its worth twice the price of the next best typewriter—yet 17 cents a day will buy it. Never was a greater incentive to SAVE set before the people of America. Nor was there ever a more valuable object lesson evolved to prove.

The Purchasing Power of Pennies

The present tendency is to think in six figures. To lose sight of the 100 CENTS that go to make up the dollar. To forget the purchasing power that is pent up in pennies, nickels and dimes. Our "17-cents-a-day" selling plan turns this power to worthy purpose. The Oliver Typewriter Company feels safe in putting this new plan into effect because it banks on your business honor.

The OLIVER Typewriter

The Standard Visible Writer

Our confidence in you is born of our satisfactory dealings with thousands. So we offer the Oliver Typewriter for a small cash payment and trust you'll see all the rest. This is not a mere proposition on saving. It's a plain, straight-forward, business-getting proposition. It broadens the market for Oliver Typewriters by interesting those who have never thought of buying machines. It sends Oliver's by the hundreds into HOMES as well as OFFICES.

It opens up new money-making opportunities to ambitious people everywhere. And we are just as glad to sell a machine for 17 cents a day as to have the cash with the order. proposition. It broadens the market for Oliver Typewriters by interesting those who have never thought of buying machines. It sends Oliver's by the hundreds into HOMES as well as OFFICES.

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THE CHAMPION RAKE

Always Makes Good

THE LEADER IN EVERY FIELD!

Champion Rakes do not tangle the grain as do others but leaves it in good shape, convenient for shocking.

The general construction of the rake leaves nothing to be desired. It is made of the very best possible material. The frame is built of the very best angle steel well braced. Self dump is accurate and sure in action. Let us send you our catalog on Champion Rakes. We assure you it makes interesting reading to anyone interested in machines of this kind.

Uses it on Rough Ground.

Mitchell, Lewis & Staver Co., Portland, Oregon
Dear Sirs: I received your request regarding the Champion Hay Rake. I must say that I am well satisfied with the way it does the work and keeps in order for I have used it on pretty rough ground. I think it is a good machine.
Yours truly,
A. ZIMMERMAN.

As Good as When He Got It.

Mitchell, Lewis & Staver Co., Portland, Oregon.
Dear Sirs: The rake is as good now as when I got it. It does good and clean work. I let a neighbor borrow it, and he said it did the finest work he ever saw.
Yours truly,
NED NILSON.

Nehelem, Oregon, Jan. 5, 1908.
Beaverton, Oregon, March 28, 1908.

Implement and Vehicles

Mitchell
LEWIS & STAVEN

E. SECOND & E. MORRISON
AND 1st & TAYLOR STS.
PORTLAND, OREGON

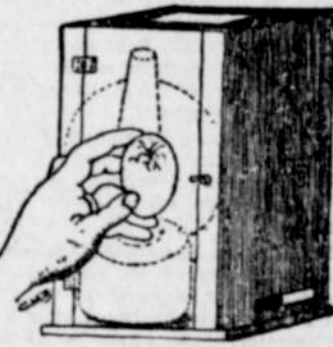
results of planting potato sets of different sizes at different distances were in favor of two ounce sets planted the closest together. Planting one set per hill has given the best average results for eight years.

Feed For Egg Yield.

There is nothing that will increase the egg yield like fresh cut green bone. It should, however, be fed judiciously, as it is highly nutritious, and a little goes a good way, but as a supplement to the regular daily grain ration is sure of bringing good results. It should be fed in about the proportion of one to one and a half ounces per head three times a week. It is advisable to begin on even a smaller amount than one ounce to each fowl on the start and gradually increase to the maximum amount.

HOMEMADE EGG TESTER.

Make your own tester. Take a box fourteen inches high, with sides nine inches wide. Place door in front, cut hole in door one and one-half inches in



TESTER.

diameter opposite flame and put an ordinary reflector back of a common lamp. Light passing from opening through egg quickly informs you if hatching eggs are good or market eggs are fossils.

FEATHERS AND EGGSHELLS.

Cock and bull fights unshared in the new Cuban government. Countries that now see amusement in them will some day see the devil of them.

"Cast not your pearls before swine." Remember this when your passions rise To scratch out some fool knocker's eye.

There is no green food for chicks equal to young, tender clover on the sod. They will hunt the four leaf clover and bring you luck.

It is a wise poultryman who has an original cut made of his fowls. There are only a few dealers in cuts, and they sell the same to so many that in some papers we see a half dozen advertisements using a similar picture. If you sell thoroughbreds it's rasping to see a cut dealer using the same illustration.

The call for laying pullets from such cities as New York and Philadelphia shows that our city friends are determined to have dependable eggs. As the demand was greater than the supply, the prices were high. Better raise more this year.

Our winter egg trade was mostly private parties buying up our product and shipping to relatives and friends at a distance as well as using them at home. This style trade pays and saves trouble.

Now, when eggs get real cheap get rid of the mere layers, for in a short time they will not be payers.

A great many buy the hover and heating parts to a brooder and build the house part themselves. A brooder three feet wide, six feet long, three feet front and two feet rear costs complete \$20, and the brooding and heating parts separate are rated at \$7. If a man's handy with tools he ought to save money on the job.

The Russians, Hungarians and Bohemians still use goose quill pens. As most of the people in those countries can only make their cross, a quill can fill the bill.

When writing or speaking to our advertisers please mention that you saw their ad. in The Herald.

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We Have a Large Assortment of Type Ready to Serve You

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The Way You Want It
And When You Want It

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Buy Your Season's

BEE HIVES

Direct from Factory

Ours are made from Oregon Cedar, Than which there is no better wood for this purpose.

— PRICES MODERATE —

Odd-sized hives made on order to the "Queen's taste". Our catalog will be sent anywhere on request.

WILLIAMS BROS., Manufacturers
Located 1-4 Mile North of Gresham, Oregon.
LENTS, ORE.

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Ours are made from Oregon Cedar, Than which there is no better wood for this purpose.

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Located 1-4 Mile North of Gresham, Oregon.
LENTS, ORE.

Poultry Secrets Disclosed!

THERE are secrets in the poultry business, as in any other; and the best methods and newest discoveries seldom reach the amateur poultry raiser and the general public for years after they are originated. A new method of absolutely insuring the fertility of setting eggs, for example, has

Enormous Cash Value

and its discoverer is not to be blamed for keeping it to himself. Now, for the first time, the secrets of many of the most successful poultrymen are made public. No confidence has been violated; every secret has been

Obtained in an Honorable Way

(1) by outright purchase; (2) by free permission given the author, Michael K. Boyer; (3) by collecting old, valuable, but little known methods; (4) by Mr. Boyer's own experience covering 20 busy years. Since this book was first advertised four or five months ago, it has been necessary to print eight editions, and many new and valuable secrets have been added to the original book.

It is this book properly held!
"Poultry Secrets" tells you how to carry fowls, and scores of secrets far more important and better understood.

A Few of the More Important Secrets

Boyer's new system for insuring fertility of setting eggs.
Wood's ingenious method for saving the weak incubator chicks.
I. K. Felch's system of in-breeding without the least loss of vitality.
Selecting the laying hen—the central thought of the so-called Hagan, Porter and Palmer Systems.
The Fitch System, a brief outline telling what to do and for what it is valuable.
Several new food formulas, many of them the same as expensive "patented" foods.
The "15-cents-a-bushel" method of producing green feed.
Green's Corn Feeding System; and other new plans for feeding corn and grain.
Truslow's Secret of obtaining high market prices for poultry stock.
The Angell method, admirably adapted to the small rock in village or suburb.
Grundy's method of obtaining bulky food at a cost of 8 cents a bushel.
Dr. Wood's Secret of Laying Food for producing eggs.
Professor Rice's Fat Hen Secret explaining why fat hens don't lay.

AND MANY OTHERS, NOT ENUMERATED HERE

It would be absurd to expect every bit of this information to be unknown to everyone; we make no such claim. But to the great majority of poultrymen it will be absolutely new, and of great value.

ABOUT FARM JOURNAL—Farm Journal has for thirty years made a specialty of poultry; this department is fully edited and more valuable than any specialized poultry paper. This is only one reason, however, of a remarkable magazine—a monthly with 80,000 subscribers. With a variety, technical farm paper, fully printed on cheap paper, full of material and timely advertisements, but a magazine for the home—news, village or country, well printed and illustrated—clean, clear, quick, and always cheerful. Indispensably practical, equally at home on a thousand any farm or on a suburban back porch; and in a class with UNCLE SAM'S PAPER.

OUR OFFER:

{ One Copy Poultry Secrets }
{ Farm Journal - 2 Years } All 3 for \$1.50
{ Beaver State Herald 1 yr. }

(We Cannot sell "Poultry Secrets" by itself—only in this combination.)

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Sandy, Oregon