

THE CORVALLIS GAZETTE

TUESDAYS AND FRIDAYS,

INOCULATING CLOVER AND ALFALFA GROUNDS.

Among other important conditions in successful culture of alfalfa, Hoards Dairyman says: "Every species of the legume family of plants, such as peas, beans, vetch, alfalfa, and all of the clovers appear to have separate species of bacteria upon which they depend very greatly for their supply of nitrogen. If the plants do not thrive, it is taken as evidence that the desired bacteria should be supplied in some other way. This is done by wetting the seed in a solution of bacteria water and drying before sowing, or by spreading on the land from 100 to 600 pounds of inoculated soil gathered from the field where alfalfa is growing successfully. On this subject the Illinois Experiment Station says: "We have conclusive evidence that infected sweet clover soil can be used for the inoculation of alfalfa fields.

The infected soil may be obtained from any place where sweet clover is found with an abundance of tubercles on its roots. The soil may be collected to the depth of three or four inches and scattered over the alfalfa field at the rate of 100 pounds or more to the acre. It is well to scatter the infected soil at about the time the alfalfa is seeded, and harrow it in with the alfalfa seed, although it may be applied some days, or even some weeks before the seeding time, and probably it would be all right to apply the infected soil the autumn before; for it is known that the bacteria will live in the soil for several months, even though the soil be placed in sacks and allowed to become quite dry. Investigations have shown that 100 pounds of thoroughly infected soil to the acre is sufficient to produce a very satisfactory inoculation within one year from the time it is applied." Joseph E. Wing, an eminent authority on clover and alfalfa culture in the Breeders' Gazette says, "Dr. Cyril G. Hopkins, of the University of Illinois says that bacteria inhabiting sweet clover also inhabit alfalfa and makes it thrive. There is no better authority than Dr. Hopkins. Use soil from the sweet clover field and with it plenty of stable manure and if your soil is not sour you will get the alfalfa all right." Montague Hamm in the Breeders' Gazette continues the subject and says: "I used for inoculation the Dep't of Agriculture's culture, old soil and alfalfa meal. The meal gives the best results. The tubercles are like clusters of grapes, only small. Inoculated soil gave the next best results, and the culture gave a few tubercles. From what I have seen and learned of this great legume I am convinced that it can be grown on nearly every well-drained farm by using inoculated soil and patience. I have had the best results from seeding August 1. This will give a growth that cannot be clipped not later than September 15. That will make growth enough before the ground freezes for winter protection. I used lime in part of my plots. The best results are from lime, bone-meal, muriate of potash and alfalfa meal inoculated."

Parties whose land does not raise alfalfa and clover will do well to prepare their ground and see that the same is thoroughly inoculated according to the methods given by these eminent and reliable authorities. It must be fully considered, however, that alfalfa and clover do not thrive on land not well drained. If the water should stand in the sub-soil at too high a depth it will probably be necessary to tile the land thus making the land fertile to a depth of three or four feet.

Exhibitors of Oregon prunes at St. Louis Exhibition cooked the prunes according to the best methods and gave them to visitors to test by actually eating the Oregon prunes. Since the people have returned to their homes they have searched the home grocery stores to find Oregon prunes for use on their tables without success. Numerous letters received by those interested in the prune industry in Oregon contain inquiries as to how and where the prunes can be had.

Idaho women have shown their interest in the Lewis and Clark Centennial by voting to move \$1000 worth of fine furniture, purchased by the federation of women's clubs, from the Idaho building at the St. Louis World's Fair, to Portland. In case Idaho should not have a building at the Centennial, they will offer the furniture for use in the general reception rooms set aside for women in the Oregon building.

President Roosevelt and party made a flying trip across the country to visit the St. Louis Exposition. He made numerous speeches delivering them from the rear platform of the cars during the trip. The president was greeted everywhere with large and enthusiastic crowds. It is said that 1000 secret service men will guard the President's safety while in St. Louis.

Several leading Democrats from as many different states met in consultation since the severe frosts of last Presidential election and they unanimously decided that they desired to return as followers of Bryan and his peculiar doctrines.

Philomath City Election.

Philomath will have a city election next Monday. There are two tickets out and an interesting time is expected. Henry Ambler, the present mayor who is filling Mr. Burnap's unexpired term, has given splendid satisfaction and many are disappointed that he has refused to be a candidate for re-election. In accordance with his duty in the matter, however, he called for a caucus last Friday night, and the following ticket was nominated: Mayor, W. T. Bryson; recorder, W. T. Boles; treasurer, J. E. Henkle; marshal, D. Davis; councilmen for first ward, Guy Frink, R. E. Pugh; second ward, C. Davis, G. A. Scott; third ward, G. A. Morris and W. A. Jolly.

Saturday night following the regular caucus, the Citizens' League met and nominated the following ticket: Mayor, S. O. Watkins; recorder, A. G. Wright; treasurer, J. E. Henkle; marshal, A. E. Taylor; councilmen for first ward, Guy Frink, Ernest Castle; second ward, O. V. White, G. A. Scott; third ward, G. A. Bennett and W. A. Jolly.

The difference between the two factions is largely one of the personnel composing the two tickets, and the best men regardless of party affiliations will very likely win.

The Silver Cups.

Three beautiful silver cups, to be awarded at the coming poultry show, are on display, one each in the show windows of S. L. Kline, Nolan & Callahan, and E. P. Grefoz, and still another cup is on the way from the East. The "Association Cup" will be awarded by the Corvallis Poultry Association for the highest scoring birds in the show. The "President's Cup" will be awarded by President B. W. Johnson for the best pen of chickens in the show. A pen consists of a male and four females and may be won by any variety of standard bred poultry. This is a handsome \$10 silver cup, and will be a valuable trophy to the lucky winner. The awarding of the same will be done by the judge. The "Citizens Cup" will be awarded for the best collection, which consists of cock, cockerel, hen and pullet of any one variety. The American Bug Leghorn Club will also give a handsome silver cup on Buff Leghorns.

M. S. Woodcock's mother of Salem is visiting at his home in this city this week.

Mr. and Mrs. S. Handsaker returned yesterday from Polk county, and after visiting their son, Rev. T. S. Handsaker and family, a few days, will return to their home at Eugene.

The supper given in their hall Wednesday evening by the ladies of the W. R. C. was a highly successful affair in every particular. Mrs. D. C. Rose was the presiding officer of the evening. General Thorp made the motion of the evening, followed by short talks and anecdotes by Revs. Handsaker and Reese. An elegant supper was served, and all enjoyed themselves immensely.

Corvallis & Eastern Railroad.

TIME CARD.

No. 2—For Yaquina:
Leaves Albany.....12:45 p. m.
Leaves Corvallis.....1:48 p. m.
Arrives Yaquina.....6:20 p. m.
No. 1—Returning:
Leaves Yaquina.....6:45 a. m.
Leaves Corvallis.....11:30 a. m.
Arrives Albany.....12:15 p. m.
No. 3—For Albany-Detroit:
Leaves Corvallis.....6:00 a. m.
Arrives Albany.....6:40 a. m.
Leaves Albany for Detroit 7:30 a. m.
Arrives Detroit.....12:02 p. m.
No. 4—From Detroit:
Leaves Detroit.....12:35 p. m.
Arrives Albany.....5:15 p. m.
Lv Albany for Corvallis.....7:15 p. m.
Arrives Corvallis.....7:55 p. m.

Train No. 1 arrives in Albany in time to connect with the S. P. south bound train, as well as giving two or three hours in Albany before departure of S. P. north bound train.

Train No. 2 connects with the S. P. trains at Corvallis and Albany giving direct service to Newport and adjacent beaches.

Train 3 for Detroit via Albany leaves Corvallis at 6 a. m. and connects with the S. P. Albany-Portland local train leaving Albany at 7 a. m. Train No. 3 leaves Albany for Detroit at 7:30 a. m. arriving there at noon, giving ample time to reach the Breitenbush hot springs the same day.

Train No. 4 connects at Albany with the Portland-Albany local, which arrives here at 7:10, and runs to Corvallis leaving Albany at 7:15 and arriving in Corvallis at 7:55 p. m.

For further information apply to
EDWIN STONE,
H. H. CRONISE, Agent, Corvallis.
THOS. COCKRELL, Agent Albany.

WINTER EXCURSION RATES TO YAQUINA BAY.

A New Departure on the Southern Pacific and the Corvallis & Eastern Railroads.

Recognizing a long felt want, and desiring to give the public cheap rates to the coast in the winter as well as the summer, for persons who desire to see the bounding billows in their wildest moods and imbibe the pure ozone of the winter air at the coast, the Southern Pacific Company in connection with the Corvallis & Eastern Railroad have placed on sale, taking effect Nov. 2, 1904, and continuing until March 31, 1905, from all points on their lines, round trip tickets to Yaquina at the same rate as during the summer. These tickets will be sold on Wednesdays and Saturdays only, and will be good for return sixty days from date of sale.

Dr. Minthorn's sanitary baths will be in operation and anyone who desires a genuine health resort during the winter cannot do better than spend a month or so at Yaquina.

Similar tickets will be sold from Albany, Corvallis, Philomath and all points west on the Corvallis & Eastern R. R.

Full information as to rates, baggage, etc., can be obtained by applying to the S. P. or direct from W. E. Coman, G. P. A., S. P. Portland, or Edwin Stone, manager, C. & E. R. R. Co., Albany.

P. S.—Through tickets to Portland are sold by the C. & E. at Corvallis and by the S. P. Portland to Corvallis via Albany and the C. & E. at the same rates as via the west side, viz: \$2.60. C. & E. trains connect at Albany with the Albany-Portland local both ways.

What Shall I Get for Xmas?

Well, we can solve the problem for you if you will come in and examine our line of holiday goods, for we certainly have a line that will satisfy the most fastidious. Our stock consists of Toilet Sets, Autograph and Photo Albums, Ladies Shopping Bags and Purses, Music Rolls, Picture Books, A B C Blocks and Games, Combination Game Boards, etc. We also have a very fine line of Stationery, all the late books of fiction at 15 cents up, an elegant line of Bible and Burnt Leather Books at prices that are right. We have also added a very fine line of Violins, Mandolins, Banjos, Guitars, Baccordeons, Harmonicas, etc. Courteous treatment to all.
GRAHAM & WELLS.

10 Cents a Button,
\$1.00 a Rip.

The Most Simple and yet the Strongest Warranty ever placed on any make of Trousers.

WE DELIVER THE GOODS.

Nolan & Callahan

Offers Wanted.

Offers of the price buyers will pay for the following described lots and blocks in Corvallis, Oregon, will be received in writing:

Block 5, Wilkins Addition.
Block 18, Wilkins' Addition.
Lot 7, 8, 9, 10, 11, 12, block 17, Wilkins Addition.
Block 28, Jobs Addition.
Lot 1, 2, 4, Fractional block A, Jobs Addition.
Lots 5, 6, 7, 8, 9, 10, 13, 14, block 19, Jobs Addition.
Lots 7, 8, Jobs Addition.

Address, M. S. Woodcock,
Corvallis, Oregon.

R. E. PUGH,

Dealer in



Farming Tools
Paints and Oils
Stoves and Tinware
Buggies and Hacks
Farm Wagons,
Hay Rakes,
Plows and Harrows,
Wire Fencing,
Wire Netting,
Guns and Ammunition,
Carpenters' Tools,
Lubricating Oils,
Bicycles, Etc.

Agricultural Implement, etc., etc.

PHILOMATH, ORE.

Notice for Publication.

United States Land Office,
Oregon City, Oregon, November 25, 1904.
Notice is hereby given that in compliance with the provisions of the act of Congress of June 3, 1878, entitled "An act for the sale of timber lands in the States of California, Oregon, Nevada, and Washington Territory," as extended to all the Public Land States by act of August 3, 1892,
IVAR SHERWOOD PATTY,
of Corvallis, county of Benton, state of Oregon, has this day filed in this office her sworn statement No. 6527, for the purchase of the S¹/₄ of S¹/₄ of Sec 26, in Township 10S, R. 2E, W. 2E, and will offer proof to show that the land sought is more valuable for its timber or stone than for agricultural purposes, and to establish her claim to said land, before the Register and Receiver of this office at Oregon City, Oregon, on Thursday, the 16th day of February, 1905.
She names as witnesses: Willard L. Price of Kings Valley, Or.; Taylor Miller of Savor, Or.; Bruce Miller, of Kings Valley, Or.; John Chambers, of Kings Valley, Oregon.
Any and all persons claiming adversely the above described lands are requested to file their claims in this office on or before said 16th day of Feb. 1905.
ALGERNON S. DRESSER,
Register.

A Frightened Horse.

Running like mad down the street dumping the occupants, or a hundred other accidents, are every day occurring. It behooves everybody to have a reliable salve handy, and there's none as good as Bucklen's Arnica Salve. Burns, cuts, sores, eczema and piles, disappear quickly under its soothing effect. Twenty-five cents at Allen & Woodward's drug-store.

CHRISTMAS '04

A cheerful call to Christmas Buyers:---

Our Bright, Sparkling Line of Christmas Gifts is ready for inspection. Come and look—your judgment will tell you what to do. You will delight in our fine display of Holiday Goods, because it is in close touch with the times and anticipates your wants.

Our stock is thoroughly up to the minute in variety and novelty in every department. The simple, plain talk of the Price that is right is our convincing argument. We advise early selections. Extra help engaged for the holiday rush.

Nolan & Callahan
LEADING CLOTHIERS

HOME SEEKERS
If you are looking for some real good Bargains in Stock, Grain, Fruit and Poultry Ranches, write for our special list, or come and see us. We will take pleasure in giving you reliable information; also showing you over the country.
AMBLER & WATTERS,
REAL ESTATE, LOANS, INSURANCE
VIRGIL E. WATTERS, CORVALLIS. HENRY AMBLER, PHILOMATH.

Consult E. W. S. Pratt THE JEWELER AND OPTICIAN Before it becomes too late.

BLIND now, when a few minutes spent in earlier years would have preserved the sight for a lifetime.

BLACKSMITHING.
WAGON MAKING,
REPAIRING,
WILD HORSES SHOD.
HATHAWAY BROS.
SOUTH MAIN STREET.

W. S. GARDNER,
PHOTOGRAPHER.
ALL WORK GUARANTEED FIRST CLASS
STUDIO, 908 NINTH STREET
NEAR COLLEGE WALK.

.. HOTEL CORVALLIS ..
J. C. HAMMEL, Prop.
Leading hotel in Corvallis. Newly furnished with modern conveniences. Rates \$1 \$1.25 \$2 per day.
HEADQUARTERS FOR COMMERCIAL MEN.

Philomath Meat Market
All kinds of Fresh Meats, Ham, Lard, etc., always on hand.
S. W. Gibbon, Philomath.

Benton County Lumber Company,
—MANUFACTURERS OF—
All kinds of Fir Lumber
Dealers in Shingles, Mouldings, Doors and Windows. Special attention given bills in car-load lots.
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