# **SPRAY YOUR TREES**

Time to Fight Fruit Pests Has Arrived.

PROFESSOR CORDLEY GIVES FOR-MULA FOR BEST MIXTURE.

Men with Spraying Apparatus Can Find Employment with Smaller Orchardists.

In a recent bulletin issued at the state agricultural college at Corvallis, sor Cordley gives the following formula for a spray that he recommends as the best preparation for cleaning-up old orchards and he further suggests that the present is the time to use the same:

Lime, Sulphur and Salt.

The lime, sulphur and salt wash is one of the most satisfactory sprays for San Jose scale and is also of value as a fungicide. It is in fact the very best winter spray for cleaning up old neglected moss-grown and diseased orchards. It is primarily a winter spray but when much reduced in strength has been used to advantage as a summer spray for San Jose scale. Several methods of preparing it are takes interest in affording information. He is full of enthusiasm for the moveknown as the Oregon formula, is the 

sulphur, cover with water, and boil briskly for at least an hour. Then add the salt and boil 15 or 20 minutes longer or until the mixture is of a deep blood red color with but little free sulphur on the surface. Add water to make 150 gallons. Apply with considerable force through a coarse nezzle while still warm. The results of a number of experiments indicate that the salt adds nothing to

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to lands in Clackamas County, have it accurately and reliably prepared by a responsible company incorporated for the purpose. Our rates are reasonable. We invite you to ex-

CLACKAMAS TITLE COMPANY, 606- 608 Chamber of Commerce Bldg., PORTLAND, OREGON.

Money to loan on Clackamas County Property.

the efficiency of this spray, but my re sults have been conflicting.

The time for spraying fruit trees is the present. A great many farmers are doing their part towards fighting and exterminating the pests with which practically every orchard is infested. But there are a great many smaller orchardists who have not the convenient means for spraying that are desirous of employing some one to do this work. Here is an opportunity for men with spray pumps to get busy. The investment of a small sum in printer's ink advertising the fact that you are prepared to do spraying, would produce surprising results.

As to cleaning up the old orchards, it looks as though Benton would lead the procession, says a Corvallis paper. Members of a spraying firm in Times office yesterday, declared that every farmer they have met expects to join in the war or cut down his trees. Prof. Cordley is surprised at the way the movement has taken hold in the remoter sections of the county. That person has, in fact, fallen between the wheels of the clean-up car and is about to be ground into little pieces. Everybody, even the "father" wants information. They want to know the best spray pump to use. They want to know the ingredients of salt, lime and sulphur spray and what to put in it. Also the proportions of each, and how to apply it. The question of when is the best time for application and a thousand other inquiries keep the Cordley telephone in a jingle all day long and sometimes far into the night.

Though it a strenuous task to answer all these inquiries, Prof. Cordley is much encouraged by them, and ment because he realizes that great things can be accomplished. The orchards which have been turning off a Sulphur .....50 pounds valueless fruit can, by controlling the pests and diseases can be made a source of revenue. The old conditions of early days when worms in apples were unknown can be in a great meas-

WILLIS S. DUNIWAY.

Candidate for State Printer at Republican Primary, April 20, 1906.

"I hereby pledge myself to a reduc-tion of the enormous cost of the office, if elected, and I declare upon my honor that I shall seek neither to per-



petuate old abuses of the office nor engage in new schemes to loot the treas-ury"—Willis S. Duniway.

Willis S. Duniway is a man of sterling integrity and thorough knowledge of the printing business."-Portland

### THE WOMEN OF THE WEST.

Every woman who is born in America has special occasion to give thanks to God. But she is never able thoroughly to appreciate for how great a blessing she is called upon to give thanks to God until she has lived in foreign countries, and, by the experience thus acquired, she is enabled to contrast her condition in the world's progerss with that of her less-favored sisters in foreign countries, beginning with the British Kingdom, and stretching to the Far East. It is only after she has seen their condition that she sees clearly for how much she has to

Every mile we travel, every step we take westward brings to woman a higher place in the body politic, intellectually and intrinsically; but it is not until we cross the Atlantic that we find women really and practically the

In England women fare much better in every particular, in education, equality of aims and ambitions, and in freedom generally, than they do upon the Continent. But it is after the Atlantic is crossed that we may enjoy the full advantages of freedom, and it falls to the woman of the Great West to realize more than any of her sisters the glory of her opportunities and to sieze upon those opportunities and avail herself of them for the advancement of herself and her sex, and so for the world. For this reason, whenever or wherever any woman hears the voice of a man troll out the words of Tom Moore,

"O come to the West, love. O come there with me." the best thing she can do is to get right up pack her "grip." and be ready

to start at once. The things that the women of the West accomplish prove that woman has developed in her nature in a remarkable degree the spirit of the ploneer. She hungers and thirsts for advancement; she is constantly reaching amine our complete set of Abstract en her environment, not only in all the

practical movements of life, but in all the higher walks of existence—in books, in music, in the arts and sciences. In every field of intellectual. as in every feature of domestic life, she is always active, always restless,

-From The Pacific Monthly for Feb-

## MANY WOULD SERVE

Lively Scramble Among Candidates For Legislature.

FOURTEEN ASPIRANTS FOR REP-RESENTATIVE.

Richard Scott for County Judge Announces His Platform-Mattoon for Commissioner.

Never before in the history of Clackamas County politics was there witnessed such a scramble for places on the legislative ticket as is presented this year. With only three Representatives to elect, there are already 14 candidates in the field for nomination on the Republican ticket.

The latest to file announcements or state that they will be candidates are: Ex-representative C. G. Huntley, of this city; Dr. C. B. Smith, of Eagle Creek; Linn E. Jones, of this city, and County Recorder Henry E. Stevens, of Milwaukie.

In addition to these, six others have formally announced their candidacy as follows: :E. P. Carter, of Abernethy; ex- County Judge G. E. Hayes, of Abernethy; ex-Representative Frank Jaggar, of Wilsonville; George Ran-dall, of New Era, and W. W. Smith, of Abernethy.

Besides the ten already named, there are four others who are known to have decided to become candidates. They are: C. H., Dye, of this city; John Gibson, of Milwaukle; Albert Crossen, of Molalla, and ex-Representative J. A. Talbert, of Clackamas. Some of the Platforms.

Briefly summarized the platforms on which Messrs. Smith Jones and Huntley will ask for nomination as State Representative on the Republi-

can ticket are as follows: Dr. C. B. Smith, of Eagle Creek, subscribes to Statement No. 1., repeal of the present law relating to burning slashing, and act to improve county roads and tax franchises. Following words to be placed after name on nom-nating ballot: "Economy in the public service and honesty in the legislature." Linn E. Jones, of this city—Accepts Statement No. 1 and will vote for people's choice for United States Senator, reform in present normal school system, favor State Grange bill and taxation of franchises, and act for improvement of the county roads. Following words to follow name on nominating ballot: "Economy in the public

service and honesty in the legislature Ex-Representative C. G. Huntley, of this city—will vote for the people's choice for United States Senators, favors tax laws for the collection of just taxes from the express, tele-graph, telephone and car companies and other corporations; repeal of the slashing law, advocate separate appropriation bills so that the referendum may be demanded against any objectionable appropriation without embarassing state institutions like the penitentiary and the asylum and oppose and vote against maintaining more than two normal schools. Mr. Huntley asks that there be placed after his name on the ballot the statement that he will vote for the people's choice for United States Sen-

### Henry Stevens Accepts.

who is now serving his second term as County Recorder, has given the following response to a petition that that was presented to him several weeks ago by his friends and neighbors in Milwaukie, requesting him to stand for the Republican nomination

of Representative:
"Oregon City, Or., Feb. 24, 1906.
"To my Friends and Neighbors in Milwaukie Precinct:

your communication of some weeks ago, requesting me to become a candidate for nomination to the State ship. Legislature at the coming primary election. Your kind indorsement of my past official acts, and the confidence expressed in my integrity and ability to represent the people justly and honorably in the lower branch of our State Legislature affords me much

"After mature deliberation, I have decided to become a candidate, in conformity with your request; and, relying upon your support and assistance shall do all in my power, consistent with justice and honor, to win a place on the regular Republican ticket at the primary election. Thanking you, one and all, for your expressions of confidence in me, believe me,

'Very truly yours, "HENRY E. STEVENS."

Mr. Scott's Platform.

Richard Scott, a successful farmer and stock raiser of Milwaukie, who will oppose Grant B. Dimick, of this for the Republican nomination as County Judge, has filed his formal announcement with the County Clerk. Mr. Scott is one of the most substantial farmers and among the heaviest taxpayers of the county.

In his platform, he says that if nominated and elected, he "will act for the best interests of the whole people of the whole county; I believe that Clackamas county is on the eve of a great material growth and develop-ment and that it is the duty of the County Court to do all in its power to aid the upbuilding of the entire county. I believe this can best be done by making good roads as far as possible to all shipping points. I promise if elected to do all I can to conduct the business of the people as economi- at Howell & Jones drug store

cally as it is possible to be done, consistent with the growth and development of the entire county. I want placed after my name on the ballot: Strict economy in County business, just and economical administration of

OREGON CITY OREGON, FRIDAY, MARCH 2, 1906.

probate affairs.' "
For Commissioner.
W. H. Mattoon, of Viola, has filed with the County Clerk his formal announcement as a candidate for the Republican nomination for County Commissioner. Mr. Mattoon stands for an efficient and economical adminis-tration of County affairs. Mr. Mat-toon's platform follows: "I will advocate a business and economical administration of county affairs, low taxes and a careful expenditure of the taxpayers' money and no special fa vors to corporations, all county roads should be constructed on a good and permanent grade and the roads that are built should be kept in good repair especially the main thoroughfare, all bridges should be covered to prevent decay and should be built high enough to avoid danger from high water and drift wood; road conven-tions should be held in each precinct and the members of the County court should be present."

Counsell for Commissioner. W. H. Counsell, of Harmony precinct, who has been suggested as a probable candidate for the nomination of Sheriff on the Republican ticket, he is the right man for the place, his several years' experience in road construction under the direction of the County Court having peculiarly fitted him for a place on the Court. Since the County Court contemplates mak-ing some extensive improvements to prove a valuable man as a Commissioner in outlining and in a measure directing the details of these improve-

ments. In announcing his candidacy for this nomination, Mr. Counsell addresses the following statement to the Republican voters of the county:

"I hereby announce my candidacy for the Republican nomination for County Commissioner. I am a resident of Harmony precinct and by occupation a road and bridge builder. and if nominated and elected I promise to treat all parts of Clackamas county alike. I believe that the affairs of the county should be conducted with the utmost economy; I believe that all of our improved country roads should be be kept in good re pair during all seasons of the year and any defect found in the same should be repaired as soon as discovered; I believe that all roads improved in the future should be the main roads leading back into the country; I believe in getting the county out of debt and keeping it out and by so doing we will be able to decrease the rate of taxa-

Respectfully yours, W. H. COUNSELL.

For Joint Representative. U. Campbell, of this city, this announced that he will be a candidate for the Republican nomina-tion for joint representative from Clackamas and Multnomah counties. He is preparing his petition and will Multnomah and Clackamas counties have usually alternated in naming the candidate for this office, but for the last two terms Multnomah county has named the man and this year Clackamas proposes to assert its claim. is likely Mr. Campbell will be the only nominee for the office from this county and Republicans here think that Clackamas is entitled to recognition at this time. Mr. Campbell was formerly deputy-prosecuting attorney Henry E. Stevens, of Milwaukie, chairman of the Republican County central committee.

For Joint Senator.
Hon. C. A. Coggswell, of Portland, who may become a candidate for joint Senator from Multnomah and Clackamas counties, was in the city Tuesday looking over his chances in this county. Other than Mr. Coggswell, A. A. Bailey and G. M. Orton, both of Multnomah county, have been mentioned as candidates for this nomina-"I beg to acknowledge receipt of tion which will go to Multnomah our communication of some weeks county since the Republicans here hope to land the joint representative

### RECEIVE CERTIFICATES.

### Result of Recent Examination in Clackamas County.

County Superintendent Zinser, Prof. T. J. Gary and Prof. L. A. Read, comstituting the examining board, on Saturday afternoon completed the grading of the papers and announced the The successful ones were:

First Grade-Marian Swanby, Canby; Clara A. Holstrom, Oregon City; Maud Stone, Salem. Second Grade-W. H. Davis, Fred H.

Wilcox, Estella Niles, Irene McCowan, Retta E. Joseph and Mae Strange, of Oregon City; F. E. Dunton, Liberal; Agnes Hartnell, Clackamas; Emily K. McElroy, Sandy; Pearl Allen, Creighton; W. L. Dunton, Liberal; C. O. Sipe, Portland; Lillie M. Harris, Sa-

Third Grade-Agnes McCown, Port land; Grace Mann, Hillsboro; Ruth Dale, and 'tva Dale, Estacada; Urie Kenagy, Hubbard; W. W. Wadsworth, Sandy; Lindy Womer, Estacada; Nina Heacock, Gresham, and Rex Fish, of Woodburn.

### A SCIENTIFIC WONDER.

The cures that stand to its credit make Bucklen's Arnica Salve a scientific wonder. It cured E. R. Mulford, lecturer for the Patrons of Husbandry, Waynesboro, Pa., of a distressing case of Piles. It heals the worst Burns, Sores, Boils, Ulcers, Cuts, Wounds Chilblains and Salt Rheum. Only 25c

Clackamas Horticulturists Tell of the Vineyard.

WILLAMETTE VALLEY SOIL AND CLIMATE ARE RIGHT.

Concords Agreed Upon as Most Prof itable Variety-Something About Peaches.

Instructive anl interesting addresses on grapes and peaches were delivered by practical speakers at a meeting of the Clackamas County Horticultural Society at a meeting held here Saturday afternoon

There is culivated in this only a small acreage of grapes although it was agreed among the has modified his plans somewhat and has come out for the nomination for County Commissioner. In presenting the claims of Mr. Counsell to this nomination, his friends contend that dustry from the planting of the vines to the marketing of the luscious fruit was intelligently treated by compe tent speakers.

The date for the next meeting has

not ben determined but it is proposed to hold the next session of the society at Canby for the benefit of the hortiits roads and bridges during the year, it is claimed that Mr. Counsell will culturists in that section of the county R. H. Taber in discussing grape cul-tivation, said that he employed both the hoe and the cultivator for cultivating and fertilizing purposes and in pruning, which should be done in the Winter, he follows the fan effect, leaving three buds. The only object of summer pruning, he said, is to keep back the laterals. He placed considerable emphasis on picking and packing the fruit as essential to the making and keeping of a good market. For spraying he had used the Rex spray with very satisfactory results. For mildew, he recommended the sprinkling of flours of sulphur. He contended that the Concord is the leading variety of grapes for all purposes

J. F. Broetje, who has tried for a number of years to interest farmers in the grownig of grapes, recommends the training of the vines on trellis, leaving from 6 to 8 buds. He says the leaves not only shade, but nourish the fruit, which gathers the greater part of its nourishment from the at-mosphere, rather than from the soil. He recommended setting the plants 7x7 feet and as a succession of varities would use Campbell's Early, Worden, Concord and Niagra.

Only two year old vines should be planted according to Henry Gans, who was the next speaker, and these, he said, should be planted deep. Mr. Gans thinks there are only two variethe best keeper and seller.

J. H. Reid, fruit inspector for Multnomah County, gave some helpful suggestions as to picking, packing and recommended that growers sell their grapes direct to the market to the elimination of commission houses. Concord the best variety for all purposes, other varities serving as novelties for table use.

useless to send East for an article that is produced to better advantage at

Cuttings should be started in the Fall as soon as the foliage drops and the plants can be transplanted under favorable weather conditions, was the information offered by W. K. Newell, horticulturist commissioner. Newlll advocates cultivating and tying

up the vines the first year, pruning not to be done until the second year. All cultivation of the vineyard should cease in August and the vines must not be too heavily pruned during the Summer.

"Peaches" were enthusiastically dis-cussed by Harvey E. Cross, of Glad-stone. Peaches from Mr. Cross' orchard near this city took the first prise at the Lewis & Clark Fair, several of the samples exceeding 11 inches in circumference. Mr. Cross recom-mends a sand loam soil for the suscessful growing of these trees which, he says, should be planted from 25 to 30 feet apart. In pruning, he would cut the trees back in sections, his experience being that this system prolongs the growth and productiveness of the tree. The Early Crawford, according to Mr. Cross, is the only variety that can be profitably grown in the Willamette Valley. E. P. Dedman, of Clackamas, another peach orchard-ist, indorsed all that Mr. Cross said and added that under no consideration should peach trees be planted on high

A. J. Lewis, newly appointed fruit inspector for Clackamas county, spoke in a general way on spraying and renovating old orchards. He assured the fruit growers in atendance at the meeting that he did not propose to employ drastic measures in order to enforce the laws requiring the spraying of orchards and otherwise protecting the fruit. He said he would use his best efforts to prevent the market-ing and sale of all infected fruit, a result he felt confident will be attained with the co-operation of orchardists

that has been asured him.

It was announced at the meeting that the following phamplets of interest to horticulturists can be had free by addressing a card to the Secretary of Agriculture at Washington: Farmers' Bulletin No. 153 "Orchard Enemies"; Farmers' Bulletin No. 171, 'Codlin Moth." Fruit growers by sending their names and addresses to the State Agricultural College at Corvallis will regularly receive all of the important bulletins that are issued from that institution.

CLACKAMAS COUNTY COURT.

Business Transacted at Regular February Term.

Be it remembered. That at a regular term of the County Court of Clackamas County, held in the Court House in Oregon City, for the purpose of transacting county business in Febru-ary, the same being the time fixed law for holding a regular term of said court, present Hon. Thos. F. Ryan, county judge, presiding; T. B. Killen and Wm. Brobst, Commissioners, when the following proceedings were had, to-wit:

JURY LIST. For April Term, 1906. ABERNETHY.

W. H. Smith, Chas. Livesay, Samuel J. Jones, Harry Aune, W. J. Rauch, C. H. Dauchy, J. E. Witzig, Jos. Meindl, J. W. McAnulty, L. D. Mumpower, Wm. H. Faubian, Wm. Blount, Louis Rall, H. E. Cross, J. Apperson, Henry Nachand, O. E.

BARLOW. ties of the grape family worth grow-ing in this section, the Campbell's Early and Concord, the latter being Frank Campo, H. T. Melvin, G. E. Oglesby, Jacon Ruecke, D. B. Yoder, J. C. Marks, H. G. Ziegler, A. F. Yost, Wm. Tull.

BEAVER CREEK. Frank Jaggar, Edwin A. Howard, Chas. Spangler, Allen Edwards, Jos-eph Wilson, D. F. LeFevre, Thos J. He recognized in the Lewis, Thos. Davies, Thos. Daniels, best variety for all pur-H. O. Inskeep, Wm. Grisenthwaite, August Bluhm.

the need for a grape factory in the Willamette Valley, arguing that it is useless to send Fast for a grape factory in the Roots, George Epperson W. H. D. BORING. Roots, George Epperson, W. H. Boring, C. Lake, J. W. Barnholster. BULL RUN.

Charles Kyler, Jonas Kline, Adolph Aschoff, Otto Aschoff, Harry Bramhall, Thos. Phelps. CANBY.

Heman A. Lee, Henry A. Knight, C. N. Waite, John Furre, Fred Wolpert, Gardner Whipple, Jacon Kraft, H. C. (Continued from page 1.)

# Home Baking

ROYAL Baking Powder

The United States Agricultural Department has issued (and circulates free) a valuable report giving the results of elaborate experiments made by and under the direction of the Department, which show the great saving from baking at home, as compared with cost of buying at the bakers. All bread, cake, biscuit, crullers, etc., are very much fresher, cleaner, cheaper and more wholesome when made at home with Royal Baking Powder.

ROYAL BAKING POWDER CO., NEW YORK.