INSECT PESTS AND FUNGOUS DISEASES.
 Some of the Principal Foes with Which Horticulturists Most Con-tend, and the Appropriste Weapons.
 Spraying is effective according to the completeness with which the surfaces are covered with the sorray mixtures says the report of Maryland Agricultural Society. All spray mixtures will stick to the surface much better if applied as a fine mist than in coarse drops, for the drow accident than drow accident drow accident than in co Society. All spray mixtures will stick to the surface much better if applied as a fine mist than in coarse drops, for the drops easily run together and drip off. while the mist globules remain. It is what remains on the surface that is what remains the the surface that is what rema beneficial. Make the spray a fine mist because, as it is applied to the surface and keep the nozzle moving. Do not soak the tree. Cover the leaf, within the tissues Bordeaux mixture is

fruit or twigs with mist globules, but do practically the only treatment for plant not wash them with an overdose. Two disease. light but thorough sprayings are more beneficial than one drenching, and re-

Little more time. Keep all trees free from dead and use-less wood. When trimming, cut so as to leave the surface flush with the bark. Projecting stubs never heal over, but become sources of trouble later. Point Projecting stubs never heal over, but become sources of trouble later. Paint all cut surfaces as soon as made; they will heal better and resist decay much longer. If diseases or insects are serious do not walt, but spray promptly to main-tain control. Insects are injurious either on account of the actual destruction of plant tis-sues by the insects (borers, caterpillars, etc.), with the consequent loss of plant

etc.), with the consequent loss of plant aprop substances; or on account of the drain upon the vitality of the plant through the loss of sap (San Jose scale, etc.); or by the interference with root or leaf activity by colonies of insects (root and leaf lice). Each group of insects is con-

trolled by special methods. First-Caterpillars and all lead eating innects. Spray with paris green or bord deaux paris green. Repeat at frequent intervals (seven to ten days) if necessity to control. For asparagus beetle, and then the failed in this office first seven to ten days) if necessity to control. For asparagus beetle, and then the failed in this office first seven to ten days if necessity to control. For asparagus beetle, and then the failed in this office first seven to ten days if necessity to control. For asparagus beetle, and then the failed in this office first seven to ten days if necessity to control the paris green and gray as below. Second-Curculio. Spray with area in the failed in this office first seven the failed in the source of the Second lead in a spring. If serious latter, the limber of seven the failed in this office of the seven to the failed in this office of the seven to the failed in the source of the seven the failed in the source of the seven the failed in the source of the seven to the failed in the failed area to the constitute of the seven the failed in the source of the seven the trolled by special methods.

twig borer, the hored twigs should be cut out and destroyed during June. Other borers are controlled by similar methods.
Fourth—Flea beetles. For flea beetles is seven astatement 80. did for the purchase of the W½ SE4, and S5 SW12, of seven that the land sought is more value by swing of the W½ SE4, and S5 SW12, of seven that the land sought is more value by swing of the W½ SE4, and S5 SW12, of seven that the land sought is more value by swing of the W½ SE4, and S5 SW12, of seven that the land sought is more value by swing of the W½ SE4, and S5 SW12, of seven that the land sought is more value by the seven that the land sought is more value by the seven that the land sought is more value by the seven that the land sought is more value by the seven that the land sought is more value by the seven that the land sought is more value by the seven that the land sought is more value by the seven that the land sought is more value by the seven that the land sought is more value by the seven that the land sought is more value by the seven that the land sought is more value by the seven that the land sought is more value by the seven that the land sought is more value by the seven that the land sought is more value by the seven that the land sought is more value by the seven that the land sought is more value by the seven that the land sought is more value by the seven that the land sought is more value by the seven the seven

INSECT PESTS AND FUNGOUS trols scab, if carefully done. Scab of po-DISEASES. Trols scab, if carefully done. Scab of po-tatos and beets is a still disease. New of method by the purchase of the Ex Ex of method by the purchase of the Ex Exp

Register

Notice for Publication.

Torited States Land Office, Roseburg, Oregon, Jan 29, 1902 Notice is hereby given that in compliance with the provisions of the set of Congress of June 3, 1878, entitled "An act for the sale of imber lands in the States of California, Oregon Nevada and Washington Territory," as extend-tion all the multiple and states by act of Amend od to all the public land states by act of August

be killed in April or September by cul-ting out with a knife or by running wire into the holes. In the case of the apple twig borer, the bored twigs should be cut out and destroyed during to

st because, as it is applied to the surface only, it cannot kill the fungus growing within the tissues Bordeaux mixture is practically the only treatment for plant disease. Notice for Publication. Ented States Land Office, Roselury Orgon, Dec 12, 1902 Notice as hereby given that in compliance with the provisions of the set of Congress of fune 3, 35%, entitled "An act for the sais of the set of set of set of set of Set of Sec. 11, Tr, John Hall, Sr, all of Myr-ter to all the public land states by act of August at 1992.

FLORENCE HALL, of Myrthe (news), county of Boogins, state of Or-group less this day alled in this office her sworn statement No 4128, for the purchase of the Ener-tional NW, of Section 20, Township 29 South, Kaure 3, west and will office peool to show that the land sought is more valuable for its timber or stone than for agricultural pur-poses, and to establish her claim toward hand her the Register and Receiver of this office at Rossharg Oragon, on Monday, the Eind day of Jone, 1993, She manas as witnesses, John Hall, Sr., James R Hall, Sima Hall, John Hall, Jr., all of Myrtle theek, Oragon. Are model persons claiming adversely the

Any and al) persons claiming adversely the above described lands are requested to file their chirms in this effice on or before said 22hd day of light light

Any and all persons claiming adversely the hove described iands are requested to file their lains in this office on or before said 25d day of uly, 1902. J. T. BRIDGES, april-ju:5 Register.

Notice for Publicition.

apr9p

Notice for Publication.

of United States Land Office, Roseburg, Oregon, March 19, 1903, Notice is hereby given that in compliance with the provisions of the act of Congress of June 3, 35%, entitied "An act for the sale of imber lands in the States of California, Oregon Newada, and Washington Territory," assestend-ed to all the public land states by act of August 4, 1892, JORDAN LAND

ed to all the public land states by act of August JORDAN LAMPMAN, of 3411 Lombard Ave, Everett, county of Sno-bouist, state of Wash, has this day filed in this office his sword statement No 4392 for the purchase of the N's SE's, SW's of SE's, SE's of SW's of See 6, in Tp 319, E I west, and sought is more valuable for its timber or state than for agricultural purpose, and to establish his claim belore W S Britt, US Commissioner, of Riddle, Oregon, or Monday, the ist day of Diree, 59.3 He mames as withersees: J Q Gil-bert, of Jerdue, Ore, R F Adamson, and O D Breves, both of Everett, Wash, and L L Perdue, of Pardne, Oregon. An and all persons claiming adversely the babyte doscribed lands are requested to file their claims in this office on or before asid 1st day of June, 1995. J. T. BEIMER' maring Register.

mari9p Register.

Notice for Publication.

Twottee for 1 divincentioni. Thited's state land office, Roschurg, Gregon, Feb 21, 1900 Notice is hereby given that in compliance with the provisions of the act of Congress of June 5, 26% entitled." An art for the sale of timber lands in the States of California, Oregon Nevada, and Washington Territory, "as extend-sd to all the public isnd states by act of August 4, 1892. mari9p.

4, 1892, VICTOR PINKERTON.

UNITED STATES LAND OFFICE, ROSENCRO, OTC., DOC. 15, 1907. Notice is hereby given that in compliance with the provisions of the act of Cangress of Jone., ISE, entitled "An act for the sale of timber lands in the states of California, Oregon Nevada and Washington Territory," as extend of the all the public land states by act of August 1 1807.

4, 1892, JOHN A. FNGLAND,

10, 1002, JOHN A. FNGLAND, of Myrile Creek, county of Douglas, state of Oregon, has this day filed in this office his owner statisment No. 4126, for the purchase of the EQ NW12, NE32 SW12, NW22 NE32, of eccion 13, in township 29 south, range 3 west, 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 his claim before the Register and Receiver of this effice of Roseburg, Oregon. on Tresday the field and of June, host He-munes as witnesses. Lifflie M Eucland, Genoo Hal, Hardy Hughes, Limie Eughes, all of Myr-te Creek, Oregon

Any an i all persons claiming adversely the above des ribed lands are request d to file their claims in this office on or before said 21rd day of June, 1963.

J. T. BRIDGES, Registe

on Thursday, the 28th day of May, 1908. Ho names as witnesses: W P Johnson, Mrs Eva-line Johnson, John Hall, Ir., and C O White, all of Myrile Greek. Oregon. Any and all persons claiming adversely the above described lands are requested to file their claims in this office on or before said 28th day of May 1903. J. T. Burders, marine, Market States, States J. T. Barbons, Register, marilp

Notice for Publication.

UNITED STATES LAND OFFICE ROSENUES, Ore., Nov 4, 1992. Notice is hereby given that in compliance with the provisions of the act of Congress of June 5, 1873, entitled "An act for the sale of timber lands in the States of California, Oregon Nevrada, and Washington Territory," asextend-ed to all the public land states by act of August 4, 1892.

OSCAR GUSTAFSON, GSCAR GUSTAFSON. of Ashland, county of Ashland, state of Wis-consin, has this day filed in this office his sworn statement No. 5023 for the purchase of the Wig Wig of sec 26, in Tp2SCS, R 4 west, 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 his claim before the Register and Receiver of this office of Rosebury. Oregon.

claim before the Register and Receiver of this office of Roseburg, Oregon. on Thursday, the 28th day of May, 1908. He names as ultresses: W P Johbson, Mrs. Eva-ime Johnson, John Hall, Jr., and C O White, all of Myrile Creek, Grescol. Any and all persons claiming adversely the above described hands are requested to file their claims in this office on or before said 28th day of May, 1901. J. T.BRIDEES, marine Register

of May, 1901. mari2p Register

Notice for Publication.

Notice for Publication. Inited States Land Office. Receiving, Oregon, March 10, 1802. Notice thereby given that In compliance with the provisions of the act of Congress of time 5, 1878, entitled "An act for the sale of time 5, 1878, entitled "An act for the sale of time 5, 1878, entitled "An act for the sale of time 5, 1878, entitled "An act for the sale of time 5, 1878, entitled "An act for the sale of time 5, 1878, entitled "An act for the sale of the provisions of the act of Congress of time 5, 1878, entitled "An act for the sale to the sale of the states by act of August actions. **CONET FRANKLIN ADAMSON** office his work weather the day filed in both office his work weather the day filed in the sale of Wash, has this day filed in both discontase work wather the the filed the sale of Wash, has the has the have and the agricultural purposes, and to estab-the hist day of Jane, 1903. He numes as winesses J Q Gilbert, of Pendue, Ore, O D the sale have of Wash, the Pendue, Ore, O D the hist day of Jane, 1903. He numes as winesses J Q Gilbert, of Pendue, Ore, O D the sale have sale have requested to file the the sale have been equested to file the day of the sale have requested to file the the described had act or equested to file the the described had act or equested to file the the sale in this office on or below wale to file the the sale in this office on or below wale to file the day of the sale in t

J TERIBGES. Jure, 1903. Register

Notice for Publication

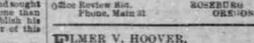
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J. T. Raiboza, Sozister marmp

Notice for Publication. United States Land Office, Roseburg, Oregon, Nov. 14, 1992. Notice is hereby given that in compliance with the proclaims of the set of Congress of June 3, MS, entribed "An set for the sale of fimber lands in the States of California, Oregon Strada, and Wathington Territory," as extend-Sevada and Washington Territory," as extend-ed to all the public land states by act of August

4, 1892.

CHARLES WUCHERGFANNI4. of Iols, county of Wampace, state of Wis., has this day fied in this office his sworn statement International and the second s



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kerosene emulsion (15 per cent) as soon as noticed, repeating as may be necessary to control. "Rose leaf" tobacco Extract may be submitted, if desired. Expectially in greenhouses (one part to sixty or seventy of water). Sixth-Scale insects. Scale insects in controlled in constitutions of the sci of Congress of June 5, 1855, entitled "An act for the sale of timber lands in the States fract of a const werds, and washington for its of a const of the provisions of the sci of the sale of timber lands in the states breat of a const of the provisions of the sci of the sale of the provisions of the sci of the sale of the provisions of the sci of the sale of the provisions of the sci of the sale of the sale of the sci of the sci of the sale of the sale of the sci of the sci of the sci of the sale of the sale of the sci of extract may be submitted, if desired. especially in greenhouses (one part to sixty or seventy of water).

are controlled by caustic solutions, so ed to all the public land states by act of August that it is often necessary to treat trees 4, 1892.

that it is often necessary to treat trees in a dormant condition for fear of in-jury to growing parts. Lime, sulphur and salt wash is recommended for dormant trees infected with San Jose scale. Whale oil scap (two pounds to the gallon of water) or 20 per cent kero-seme may also be used. The last two apply to other scales as winter treat-mants Summer treatment for all scales.

with considerable force. "Nicoteen"

by spraying.

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Notice for Publication.

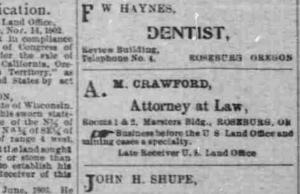
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