

Clearing Fields of Weed Pests

By H. D. SCUDDER, Agronomist at O. A. C.

The following article on weed control first appeared in the press bulletin of the Oregon Agricultural College. Its teaching is so much needed in Crook county that its reproduction is begun in this issue of The Bulletin, to be completed in future numbers.

There are many farms in eastern Oregon where weeds reduce the yield fully 50 per cent. There are some areas in the Columbia basin which were formerly farmed which have been entirely abandoned to weeds and are an unbroken mass of them. Taxes that most eastern Oregon farmers pay to state, county and district each year do not begin to equal in amount the toll in crop yields and extra labor that these farmers pay in the way of losses through weed pests.

The weed situation in this part of the state were normal or in any way held in control, perhaps the matter would not be so serious. But this is not the case. The area claimed and the losses caused by eastern Oregon weeds are steadily on the increase and alarming in extent. Efforts not only of the individual farmer but of entire communities should be enlisted in an organized fight against this situation. The very favorable conditions for crops this spring have given the wheat such a heavy growth that even the weediest fields look very much better than they usually do. This temporary condition, however, should not deceive the farmer but only stimulate him to make all the greater effort to lessen the loss from this evil.

Can the Weeds be Controlled. Most eastern Oregon farmers who have used the proper methods have found it possible to control the weeds and greatly reduce the losses from them. The extensive experience with weed eradication of the men on the ground has demonstrated that there are certain practical methods through which the weeds can be economically controlled. Weeds are not easily held in check, however, and methods which will control them here must be used systematically—that is, incorporated into the regular schedule of the yearly work with the land.

Dangerous Qualities in Certain Weeds. The most widespread and dangerous weeds on the eastern Oregon dry farming lands are the tumbling mustard (commonly called the "Jim Hill" mustard), the Russian thistle, and the tar weed. The most harmful feature of the "Jim Hill" mustard and the Russian thistle is that when they are ripe the weed breaks off at the ground and then blows for miles over the open country. The seeds from these tumbling plants are shaken out only gradually, so that with every jump a few hundred or thousands of seeds are scattered in a new place. When it is remembered that a full-grown normal mustard plant will bear an average of 1,500,000 seeds, it can be seen that this ability to travel, combined with an ample supply of ammunition, makes these wind roving plants an effective enemy. Another feature of the mustard is the vitality of the seed, due to its oiliness and resistant seed coat. Mustard seeds will keep alive in the soil from ten to fifteen years; hence when once scattered and plowed under, the soil becomes charged with them and every time it is replowed a certain amount of the seed is brought close enough to the surface to germinate, perhaps many years after the seed has been turned under. All of these weeds are very heavy feeders upon the soil moisture and plant food supply, in this way directly reducing the crop yields. In addition, they greatly increase the difficulties and costs of harvesting.

(Continued next week.)

NOTICE OF CONTEST.

Department of the Interior, U. S. Land Office, The Dalles, Oregon, July 23, 1915. To Joseph C. Ford, of Kelso, Washington, Rainier, Oregon, Contestee: You are hereby notified that R. Eather Gravatt, who gives Bend, Oregon, as his post office address, did on June 22, 1915, file in this office his duly corroborated application to contest and secure the cancellation of your homestead, entry No. 011860, Serial No. —, made July 7, 1913, for West Half (W 1/2) Section 9, Township 20 South, Range 13 East, Willamette Meridian, and as grounds for his contest he alleges that said entryman has failed to cultivate said tract or any part thereof; that said entryman has wholly abandoned said tract for upwards of six months last past and that such failure and abandonment was not due to his employment in the army, navy or marine corps of the United States in time of war or otherwise. You are, therefore, further notified that the said allegations will be taken by this office as having been confessed by you, and your said entry will be cancelled thereunder without your further right to be heard therein, either before this office or on appeal, if you fail to file in this office within twenty days after the FOURTH publication of this notice, as shown below, your answer, under oath, specifically meeting and responding to these allegations of contest, or if you fail within that time to file in this office due proof that you have served a copy of your answer on the said contestant either in person or by registered mail. If this service is made by the delivery of a copy of your answer to the contestant in person, proof of such service must be either the said contestant's written acknowledgment of his receipt of the copy, showing the date of its receipt, or the affidavit of the person by whom the said delivery was made stating when and where the copy was delivered; if made by registered mail, proof of such service must consist of the affidavit of the person by whom the copy was mailed stating when and the post office to which it was mailed, and this affidavit must be accompanied by the postmaster's receipt for the letter. You should state in your answer

the name of the post office to which you desire future notices to be sent to you. H. FRANK WOODCOCK, Register. Date of first publication July 28, 1915. Date of second publication Aug. 4, 1915. Date of third publication Aug. 11, 1915. Date of fourth publication, Aug 18, 1915.

Department of the Interior, U. S. Land Office at The Dalles, Oregon, July 12, 1915. NOTICE is hereby given that Peter B. Johnson, of Millican, Oregon, who, on April 8th, 1912, made Homestead Entry No. 010160, and on September 1st, 1912, made additional Homestead Entry, No. 010712, for SW 1/4, S 1/2 NW 1/4 and lot 4, Section 3, Township 20 South, Range 15 East, Willamette Meridian, has filed notice of intention to make Final Three Year Proof, to establish claim to the land above described, before H. C. Ellis, U. S. Commissioner, at Bend, Oregon, on the 23rd day of August, 1915. Claimant names as witnesses: Aaron D. Norton, Carrie Norton, William B. Kiger, Fred G. Kiger, all of Millican, Oregon. H. FRANK WOODCOCK, Register. 20-24 c

NOTICE FOR PUBLICATION.

Proof made under Act June 6, 1912. NOT COAL LAND.

Department of the Interior, U. S. Land Office at The Dalles, Oregon, July 12, 1915.

NOTICE is hereby given that Peter B. Johnson, of Millican, Oregon, who, on April 8th, 1912, made Homestead Entry No. 010160, and on September 1st, 1912, made additional Homestead Entry, No. 010712, for SW 1/4, S 1/2 NW 1/4 and lot 4, Section 3, Township 20 South, Range 15 East, Willamette Meridian, has filed notice of intention to make Final Three Year Proof, to establish claim to the land above described, before H. C. Ellis, U. S. Commissioner, at Bend, Oregon, on the 23rd day of August, 1915. Claimant names as witnesses: Aaron D. Norton, Carrie Norton, William B. Kiger, Fred G. Kiger, all of Millican, Oregon. H. FRANK WOODCOCK, Register. 20-24 c

NOTICE OF SHERIFF'S SALE.

By virtue of an execution duly issued by the clerk of the Circuit Court of the County of Crook, State of Oregon, dated this 15th day of July, 1915, in a certain action in the Circuit Court for the said County and State, wherein H. E. Willerton, Plaintiff, recovered judgment against Henry Payette and Alice M. Payette, formerly Alice M. York, husband and

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LEGAL NOTICES

Restoration to Entry of Lands in National Forest.

Notice is hereby given that the lands described below, embracing 150 acres, within the Deschutes National Forest, Oregon, will be subject to settlement and entry under the provisions of the homestead laws of the United States and the act of June 11, 1906 (34 Stat., 233,) at the United States Land Office at Lakeview, Oregon, on August 30, 1915. Any settler who was actually and in good faith claiming any of said lands for agricultural purposes prior to January 1, 1906, and has not abandoned same, has a preference right to make homestead entry for the lands actually occupied. Said lands were listed upon the applications of the persons mentioned below, who have preference right subject to the prior right of any such settler, provided such settler or applicant is qualified to make homestead entry and the preference right is exercised prior to August 30, 1915, on which date the lands will be subject to settlement and entry by any qualified person. The lands are as follows: The SW 1/4, NW 1/4 SE 1/4, the SE 1/4 SE 1/4 SW 1/4, the S 1/2 SW 1/4 S 1/4 SE 1/4 Section 2, T. 21 S., the NW 1/4 NE 1/4, the NE 1/4 NE 1/4, the NW 1/4 NW 1/4, the SW 1/4 NW 1/4, the NW 1/4 SE 1/4 NW 1/4, the SE 1/4 SW 1/4 NW 1/4, Section 3, T. 22 R. 8 E., W. M., 150 acres, listed upon application of James F. Lippincott, La Pine, Oregon; List 6-1687, June 17, 1915, C. M. Bruce, Assistant Commissioner of the General Land Office. 19-22c

NOTICE FOR PUBLICATION.

Department of the Interior, U. S. Land Office at The Dalles, Oregon, July 19, 1915. NOTICE is hereby given that William B. Kiger, Jr., of Bend, Oregon, who, on January 29th, 1912, made Homestead Entry No. 09868 and on October 9th, 1913 made additional Homestead Entry, No. 012176, for SW 1/4 NW 1/4, lots 3-4, Section 2, S 1/2 NE 1/4 and lots 1-2, Section 3, Township 20 South, Range 14 East, Willamette Meridian, has filed notice of intention to make Final Three Year Proof, to establish claim to the land above described, before H. C. Ellis, U. S. Commissioner, at Bend, Oregon, on the 1st day of September, 1915. Claimant names as witnesses: C. Henkle, Henry R. Ford, Aaron Norton, Louis H. Glass, all of Bend, Oregon. H. FRANK WOODCOCK, Register. 20-24c

wife, Defendants, for the sum of Five Hundred Six and no 100 Dollars, with interest at the rate of 8 per cent per annum from the first day of September, 1913, together with attorney's fees, and the further sum of Twenty Five and no 100 Dollars costs, and accruing costs.

Notice is hereby given that I will, on Saturday, the 21st day of August, 1915, at the North front door of the courthouse in Prineville, in said County, at 10 o'clock in the forenoon of said day, sell at public auction, to the highest bidder for cash, all right and title that the above named defendants Henry Payette and Alice M. Payette have or had at date of said judgment in the following described property, to-wit: The east 1/2 of the southeast quarter of section 27 and the north 1/2 of the northeast quarter of section 34 of township 17 south of range 25 east of the Willamette Meridian in Crook county, Oregon. E. B. KNOX, Sheriff of Crook County. Dated at Prineville, Oregon, this 15th day of July, 1915. By FLOYD A. ROWELL, Deputy. 20-24c.

IN THE COUNTY COURT OF THE STATE OF OREGON FOR CROOK COUNTY.

In the matter of the Estate of Jesse L. Poush, Deceased. Notice is hereby given that pursuant to the order of this court dated June 14th, 1915, the undersigned will from and after August 13th, 1915, proceed to sell at private sale for cash the following described real estate of said Estate, to-wit: NW 1/4 of Section 8, Township 18 S. of Range 18 E. W. M. Dated this 14th day of July, 1915. S. C. CALDWELL, As Administrator of the Estate of Jesse L. Poush, Deceased. 19-22c

NOTICE OF PUBLICATION.

Department of the Interior, U. S. Land Office at The Dalles, Oregon, July 9th, 1915.

NOTICE is hereby given that William K. Aten, one of the heirs and for the heirs of George E. Aten, deceased, who, on May 15th, 1911, made Homestead Entry, No. 08920, for E 1/2, Section 17, Township 17 South, Range 14 East, Willamette Meridian, has filed notice of intention to establish claim to the land above described, before H. C. Ellis, U. S. Commissioner, at Bend, Oregon, on the 19th day of August, 1915. Claimant names as witnesses: Henry E. Ruffe, Mary F. Bonn, Doane B. Freeman, Milton A. Palmer, all of Bend, Oregon. H. FRANK WOODCOCK, Register. 19-23p.

NOTICE FOR PUBLICATION.

Department of the Interior, U. S. Land Office at The Dalles, Oregon, June 28th, 1915.

NOTICE is hereby given that George E. Heathman, of Bend, Oregon, who, on July 22nd, 1912, made Homestead Entry, No. 010561, for W 1/2, Section 35, Township 19 South, Range 14 East Willamette Meridian, has filed notice of intention to make Final Three Year Proof, to establish claim to the land above described, before H. C. Ellis, U. S. Commissioner at Bend, Oregon, on the 9th day of August, 1915. Claimant names as witnesses: Daniel W. Beeler, Louis H. Glass, Howard F. Dyer, Aaron D. Norton, all

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of Bend, Oregon. H. FRANK WOODCOCK, Register. 18-22c.

NOTICE FOR PUBLICATION.

Department of the Interior, U. S. Land Office at The Dalles, Oregon, June 28th, 1915.

NOTICE is hereby given that William B. McAdow, of Millican, Oregon, who, on June 28th, 1912, made Homestead Entry, No. 010480, for NE 1/4 Section 7 and NW 1/4, Section 8, Township 20, South, Range, 15 East, Willamette Meridian, has filed notice of intention to make Final Three Year Proof, to establish claim to the land above described, before H. C. Ellis, U. S. Commissioner, at Bend, Oregon, on the 16th day of August, 1915. Claimant names as witnesses: William B. Kiger, Fred G. Kiger, Aaron D. Norton, Peter B. Johnson, all of Millican, Oregon. H. FRANK WOODCOCK, Register. 18-22c.

NOTICE OF CONTEST.

Department of the Interior, United States Land Office, Lakeview, Oregon, June 17th, 1915.

To Ray Thomas of Monmouth, Oregon, Contestee: You are hereby notified that Joseph W. Lynch, who gives 784 East 26th Street, Portland, Oregon, as his post-office address, did on April 27th, 1915, file in this office his duly corroborated application to contest and secure the cancellation of your Homestead Entry No. 07442, Serial No. 07442, made April 10th, 1914, for West 1/2 Section 20, Township 22 South, Range 19 East, Willamette Meridian, and as grounds for his contest he alleges that said Ray Thomas has wholly failed to establish his residence on said land, has wholly failed to cultivate and improve the same as required by law, and has wholly abandoned the same for more than six months last past. You are, therefore, further notified that the said allegations will be taken as confessed, and your said entry will be cancelled without further right to be heard, either before this office or on appeal, if you fail to file in this office within twenty days after the FOURTH publication of this notice, as shown below, your answer, under oath, specifically responding to these allegations of contest, together with due proof that you have served a copy of your answer on the said contestant either in person or by registered mail. You should state in your answer the name of the post office to which

you desire future notices to be sent to you. JAS. BURGESS, Register. Date of first publication July 7, 1915. Date of second publication July 14, 1915. Date of third publication July 21, 1915. Date of fourth publication July 28, 1915.

NOTICE OF SHERIFF'S SALE.

By virtue of an execution duly issued by the clerk of the Circuit Court of the County of Crook, State of Oregon, dated this 9th day of June, 1915, in a certain action in the Circuit Court for the said County and State, wherein in Deschutes State Bank, a corporation, Plaintiff, recovered judgment against A. C. Lucas, Defendant for the sum of One Thousand Three Hundred Forty Three and 33-100 Dollars, with interest at the rate of 10 per cent per annum from March 1, 1914, until paid together with One Hundred Thirty Dollars attorney's fees, and the further sum of Fifteen Dollars costs, and accruing costs. Notice is hereby given that I will on Saturday, the 7th day of August, 1915, at the North front door of the courthouse in Prineville, in said county, at 10 o'clock in the forenoon of said day, sell at public auction, to the highest bidder for cash, all right and title that the above named defendant have or had at date of said judgment in the following described property, to-wit: the northerly 65 and 13-100 feet of lot 3, block 4, of Bend, Crook county, Oregon, according to the recorded plat. Lots 11 and 12 of block 26, of Bend, Crook County, Oregon, according to the recorded plat. E. B. KNOX, Sheriff of Crook County. Dated at Prineville, Oregon, this 30th day of June, 1915. By FLOYD A. ROWELL, Deputy. 18-22c.

NOTICE OF SHERIFF'S SALE.

By virtue of an execution in foreclosure duly issued by the clerk of the Circuit Court of the County of Crook, State of Oregon, dated this 30th day of June, 1915, in a certain action in the Circuit Court for the said county and State, wherein A. M. Pringle, Plaintiff, recovered judgment against D. A. Masters, E. A. Morgan, D. W. Pierce, Katie Pierce, Francis Capell, Lettie Capell, Alex Hess, Gertrude Hess, and A. G. Lundigan, Defendants, for the sum of Fifteen Hundred Nineteen Dollars with interest at the rate of 8 per cent per annum from the 10th day of February, 1911, together with One Hundred Fifty Dollars attorney's fees, and the further sum of Thirty Eight Dollars costs, and accruing costs. Notice is hereby given that I will, on Saturday, the 7th day of August, 1915, at the North front door of the courthouse in Prineville, in said county, at 10 o'clock in the forenoon of said day, sell at public auction, to the highest bidder for cash, all right and title that the above named defendants or either of them, have or had at date of said judgment in the following described property, to-wit: the SW 1/4 of the SE 1/4, the E 1/2 of the SE 1/4 of the SW 1/4 of Section 23, Township 16 south of Range 11 East of the Willamette Meridian in Crook County, Oregon. E. B. KNOX, Sheriff of Crook County. Dated at Prineville, Oregon, this 30th day of June, 1915. By FLOYD A. ROWELL, Deputy. 18-22c.

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Take less than one-quarter the old size chew. It will be more satisfying than a mouthful of ordinary tobacco. Just take a nibble of it until you find the strength chew that suits you, then see how easily and evenly the real tobacco taste comes, how it satisfies, how much less you have to spit, how few chews you take to be tobacco satisfied. That's why it is The Real Tobacco Chew. That's why it costs less in the end.

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IN THE CIRCUIT COURT OF THE STATE OF OREGON, FOR THE COUNTY OF CROOK.

Mayme Kookan, Plaintiff, vs. Charles M. Kookan, Defendant. SUMMONS.

To Charles M. Kookan, Defendant: IN THE NAME OF THE STATE OF OREGON, you are hereby required to appear and answer the complaint filed against you in the above entitled suit in Court on or before the 30th day of July, 1915, and if you fail so to appear and answer, the plaintiff will apply to the Court for relief prayed for in her complaint herein, to-wit: that the bonds of matrimony now existing between you and said plaintiff be dissolved and that said plaintiff be relieved of all obligations arising by virtue of the marriage contract now existing between you and said plaintiff, and for such other and further relief as to the Court may seem equitable.

This summons is published by order of the Honorable T. E. J. Duffy, Judge of the Circuit Court of the State of Oregon for Crook county, which said order was dated the 9th day of June, 1915, and which order prescribes that this summons be published in The Bend Bulletin, a weekly newspaper published and printed in Bend, Crook county, Oregon, for a period of six successive weeks; the date of the first publication of this summons is June 16, 1915. VERNON A. FORBES, Attorney for the Plaintiff. 16-21 c.