

FARM ORCHARD AND GARDEN
BY **F.ETRIGG**
CENTRAL POINT
ROGUE RIVER
VALLEY
OREGON
CORRESPONDENCE
SOLICITED



[This matter must not be reprinted without special permission.]

INOCULATION FOR LEGUMES.

Considering the value which attaches to the growing of legumes as a means of restoring soil fertility much practical interest will attach to circular No. 63 issued by the bureau of plant industry at Washington under the title "Methods of Legume Inoculation." In this brief pamphlet are discussed the two methods which are at present followed in soil inoculation preparatory to the growing of leguminous crops. There is pointed out the fact—conclusively demonstrated in this and foreign countries—that each species of legume may be inoculated more successfully by using the bacteria isolated from that species than those isolated from some other species. The two methods of inoculation are by transfer of soil from an established field of the legume which one intends to grow and by the use of pure nitrogen fixing cultures. In the former case from 200 to 300 pounds of soil from a healthy old field of the same crop or a thrifty new field are mixed with several times its weight of ordinary soil and the mixture drilled or broadcasted on the land to be sowed to the legume. If broadcasted the field should be harrowed immediately, and, if possible, this should be done toward evening or on a cloudy day, as sunshine is very harmful to the bacteria. In the second case a bottle of the pure culture of the proper kind of bacteria is opened shortly before the seed is to be planted and mixed with the proper quantity of water and this applied to the seed in such a way that all of it will be moistened, though not soaked. Drying of the seed may be hastened by adding sufficient dry, sifted earth. Attempts to inoculate soil by either of the above methods may not be successful if climatic or other conditions are not suited to the growth of the crop in a given locality. However, the department of agriculture is anxious to aid in this work of introducing the growth of the legumes in new sections and will furnish the pure cultures free in reasonable quantities, requiring only the filling in of blank reports, which are forwarded for the purpose from time to time.

A SERIOUS CORN PEST.

The larger cornstalk borer is an insect pest that does much damage annually to the corn crop from Maryland south and as far west as Kansas. It was originally an enemy of the sugar cane and is supposed to have been introduced into this country with cane cuttings from the West Indies, Central and South America. It is also found in British Guiana, Java and Australia. The damage by the worm is of two kinds—that done first in the tender, growing stalks when the leaves and the crown are often riddled and that which is done later in the season when the worm bores about in the base of the stalk just above and below the surface of the ground. This damage is not always apparent—in fact, seldom so unless the weakened stalk is broken over by the wind, which prevents the maturing of the ear. In some southern cornfields losses from this source have run as high as from 30 to 50 per cent. As in the case of other pests which work injury to grain crops, the work of the stalk borer can be largely done away by a system of crop rotation in which small grains and legumes are used, as the pest does not persist unless there are stalks in which pupae may spend the winter. In case corn follows corn the damage done by them may be reduced by plowing the corn stubs under to a good depth early in the spring or by removing the whole stalks from the field and burning them.

THE CHINESE WAY.

An entertaining correspondent of the Rural New Yorker gives a very distinct account of Chinese agriculture as followed in the province of Shantung, one of the most densely populated of the empire. One farm which he visited consisted of 25 acres and supported a family of twelve people, besides one work cow, one donkey and two pigs. A forty acre tract in America as densely populated would afford a living for 192 human beings, sixteen cows, sixteen donkeys and thirty-two pigs. The crops which were grown on this Chinese farm were wheat or barley (both of which crops were kept hand hoed), millet, soy beans and sweet potatoes. Instead of hauling their manure field, as here, the Chinese farmer takes considerable quantities of soil from the field to his premises and there enriches it with stable manure, night soil and every possible kind of refuse which, decomposed, will nourish plants. When this is thoroughly composted and its fertilizing elements brought to the right condition it is dried, pulverized and applied to the soil as is the case with our concentrated commercial fertilizers. The Chinaman is behind the American in a good many ways, but the latter could learn many a lesson in soil conservation from the orient.

ITEMS OF INTEREST

I WILL SELL at private sale some of my home-hold furniture consisting of beds, bureaus, sideboard, dishcupboard, book-case etc. at once. A. C. Sanford.

FOR SALE—One "Crown" Piano, slightly used. Party leaves town. New \$500—now \$250. Inquire Pioneer office.

LOST—A large black hand-bag, Monday morning, between Mr. Ortman and Mr. Jacobs place on the Warm Spring road. Leave at this office and receive reward. Miss Francis Ortman.

FARMS AND ACREAGE for sale near new Culver by J. G. Fisch. j14-4tp

WE WILL PAY cash prizes of \$2.00 and \$1.00 for the first and second best exhibit of three kinds of grain. All exhibits are to be placed in bundles of 100 heads leaving the straw about 16 inches long. The contest closes August 6th, 1910. Van Tassel Land Co. j14-4t

FRESHING OUTFIT For Sale.—Russell machine complete; 16 h. p. engine; 32 inch cylinder, 54 in. separator, cook house and derrick, 2 pair trucks. For particulars call at Pioneer office. j15

FIRE INSURANCE—Ask Van Tassel about it. j9

I will sell part or all of my City property in Madras, cheap on easy terms. Write to Harry G. Key, Redmond, Ore., for particulars. j16

LIST YOUR FARM property with R. Kies, if you want quick action upon it. Have buyers for desirable places.

Union Sunday school services will be held every Sunday at 10 a. m. at the Opal Prairie church. Preaching at 11 a. m. and 7 p. m. Everybody cordially invited to attend.

Lost—Buckskin horse; weight, 1100; branded italic F on right shoulder; cut on right foot by barb wire. \$10 reward. See A. C. Sanford, Madras.

FARM LOANS!! Madras State Bank.

For Rent—Good pasture, five miles south of Madras, inquire at this office.

FOR SALE—A first class quarter section of land, (partially improved). Nine miles north of Madras. For price and terms address "Owner", No. 1301 Jordan St., The Dalles, Ore.

159-acre homestead relinquishment for sale, 1 1/2 miles from Culver junction. Good buildings—fenced. Price \$800. A. Root, R. F. D. No 1, Madras, Ore.

MONEY TO LOAN ON FARMS. See Madras State Bank.

WANTED—Freight teams wanted to haul lumber by thousand from near Grizzly.—Porter Brothers.

For Sale—One thoroughbred Berkshire boar, also one Berkshire sow and six pigs. Inquire of Kyle Loucks, Madras, Oregon.

DISSOLUTION OF PARTNERSHIP

Notice is hereby given that the undersigned has purchased the property and business of the firm of Hart & Maddron, of Madras, Oregon, the interests of said W. C. Hart in said firm and business been acquired by the undersigned. All debts due the old firm of Hart & Maddron are now due and payable to Thomas H. Maddron and all debts due by former partnership have been assumed by me. Dated at Madras, Or., this 7th day of July, 1910. Thomas H. Maddron.

Notice For Publication.

Isolated tract.
Public Land Sale No. 05926. United States Land Office, The Dalles, Oregon, July 15th, 1910. Notice is hereby given that, as directed by the Commissioner of the General Land Office, under provisions of Act of Congress approved June 27, 1906, Public—No. 303, we will offer at public land sale, to the highest bidder, at 10:15 o'clock a. m., on the 13th day of September, 1910, at this office, the following tract of land, to-wit: sw 1/4 ne 1/4, and se 1/4 nw 1/4, sec 12, tp 11 s, r 12 e, w m. Any persons claiming adversely the above-described lands are advised to file their claims, or objections, on or before the day above designated for sale. C. W. Moore, Register. j28-s8

Notice For Publication.

Isolated tract.
Public Land Sale No. 05988. United States Land Office, The Dalles, Oregon, July 16th, 1910. Notice is hereby given that, as directed by the Commissioner of the General Land Office, under provisions of Act of Congress approved June 27, 1906, Public—No. 303, we will offer at public sale, to the highest bidder, at 9:30 o'clock a. m., on the 15th day of September, 1910, at this office, the following tract of land, to-wit: nw 1/4 sw 1/4 of sec 29, tp 11 s, r 14 e, w m. Any persons claiming adversely the above-described lands are advised to file their claims, or objections, on or before the day above designated for sale. C. W. Moore, Register. j28-s8

Notice For Publication.

Department of the Interior, U. S. Land Office at The Dalles, Oregon, July 18th, 1910. Notice is hereby given that William McElroy, of Madras, Oregon who, on December 8th, 1904, made Homestead, (Serial No. 03417) No. 14050, for sec 19 and e 1/2 nw 1/4, and lot 2, sec 30, tp 11 s, r 14 e, w m, has filed notice of intention to make final five-year proof, to establish claim to the land above described, before Howard W. Turner, U. S. Commissioner at his office at Madras, Oregon, on the 30th day of August, 1910. Claimant names as witnesses: M. G. Irwin, W. P. Schauble, John Mays, and Fred Davis all of Madras, Oregon. C. W. Moore, Register. j28-a25

Notice for Publication.

Department of the Interior, U. S. Land Office at The Dalles, Oregon, July 20th, 1910. Notice is hereby given that Hiram Links of Madras, Oregon, who, on October 7, 1904, made Homestead (Serial No. 03325) no. 13847, for e 1/2 nw 1/4, and w 1/2 ne 1/4, sec 21 tp 9 s, r 13 e, w m, has filed notice of intention to make final five-year proof to establish claim to the land above described, before Howard W. Turner, U. S. Commissioner at his office at Madras Oregon, on the 1st day of September, 1910. Claimant names as witnesses: V. Z. Brantletter, J. A. Coulter Sam Edmondson, Charlie Dillon, all of Madras, Or. C. W. Moore, Register. j28-a25

Contest Notice.

Department of the Interior, United States Land Office, The Dalles, Oregon, July 16, 1910. A sufficient contest affidavit having been filed in this office by Albert Moore, contestant, against homestead entry, No. 16985, made June 25, 1908, for sw 1/4 sec 15, tp 12 s, r 14 e, w m, by

Alex McPhee
contestee, in which it is alleged that said Alex McPhee has wholly abandoned said tract of land for the six months last past; that said abandonment still exists; that said alleged absence was not due to his employment in the army, navy or marine corps of the United States in time of war. Said parties are hereby notified to appear, respond, and offer evidence touching said allegation at 10 o'clock a. m. on September 1, 1910, before H. W. Turner, a notary public at his office in Madras, Oregon, and that final hearing will be held at 10 o'clock a. m. on September 8, 1910, before the Register and Receiver at the United States Land Office at The Dalles, Ore. The said contestant having in a proper affidavit, filed July 11, 1910, set forth facts which show that after due diligence personal service of this notice can not be made, it is hereby ordered and directed that such notice be given by due and proper publication. C. W. Moore, Register. j28-a25np

Notice for Publication

Isolated tract.
Public land sale No. 05922. U. S. Land Office, The Dalles, Oregon, July 15, 1910. Notice is hereby given that, as directed by the Commissioner of the General Land Office, under provision of the Act of Congress approved June 27, 1906, Public—No. 303, we will offer at public sale, to the highest bidder, at 10:15 o'clock a. m., on the 14th day of September, 1910, at this office, the following tract of land, to-wit: S 1/2 nw 1/4, sec 11, tp 13 s, r 14 e, w m. Any persons claiming adversely the above-described lands are advised to file their claims, or objections, on or before the day designated for sale. C. W. Moore, Register. j28-s8

Notice For Publication.

Department of the Interior, U. S. Land Office at The Dalles, Oregon, July 23rd, 1910. Notice is hereby given that Nancy White of Madras, Oregon, who, on February 12th, 1906, made homestead, no. 14957 Serial No. 03818, for nw 1/4 sec 22, tp 10 s, r 14 e, w m, has filed notice of intention to make final five-year proof, to establish claim to the land above described, before Howard W. Turner, U. S. Commissioner at his office at Madras, Oregon, on the 6th day of September, 1910. Claimant names as witnesses: John C. Starr, Henry Wilson, C. V. Duling, of Madras, and Mrs. Margaret Mathers of Youngs, Oregon. C. W. Moore, Register. j28-s1

Notice For Publication.

Department of the Interior, U. S. Land Office at The Dalles, Oregon, July 23, 1910. Notice is hereby given that Daniel Adams, of Madras, Oregon, who, on July 9th, 1910, made homestead No. 04851, for w 1/2 nw 1/4, sec 13, tp 12 s, r 12 e, w m, has filed notice of intention to make final commutation proof, to establish claim to the land above described, before Howard W. Turner, U. S. Commissioner at his office at Madras, Oregon, on the 6th day of September, 1910. Claimant names as witness: Carl Stevens, James N. Davis, R. S. Murray, James Davis all of Madras, Oregon. C. W. Moore, Register. j28-s1

Calendars



KID CAUTION—Trotting Stallion.
(Property of R. P. Schuerer, Madras, Oregon)

1910		JULY					1910	
SUN	MON	TUE	WED	THU	FRI	SAT		
					1	2		
3	4	5	6	7	8	9		
10	11	12	13	14	15	16		
17	18	19	20	21	22	23		
24	25	26	27	28	29	30		
31								

Select Your Line of Calendars for the

Year 1911

We Have a Large Line of Samples and Would Be Pleased to Show You

Prices on all grades reasonable

Pioneer Publishing Co.