

War On Pests Of Maui's Small Farms

The following are extracts from the county agent's report: Sprayed potatoes at Patterson demonstration farm using 5-5-50 home made Bordeaux supplemented with 3 lb. arsenate of lead to 100 gallons spraying mixture in comparison with "pyrox" supplemented with Paris Green. Results thus far attained would indicate that both poisons have been effective in checking insect injury, as no blight has yet appeared. The effectiveness of the two forms of Bordeaux cannot yet be determined. Find that approximately 100 gallons of solution is required to spray an acre of potatoes in which the plants are set a foot apart, in rows 30 inches apart, plants averaging a foot in height. Also that it required about 9 hour days to spray an acre thoroughly when using a knapsack or compressed air hand sprayer. On the above basis with present costs of material and labor it costs us to spray approximately as follows:

Potatoes with Bordeaux mixture supplemented with arsenate of soda and using the ordinary 3 gallon capacity knapsack or compressed air sprayer— 10 lbs. blue stone (copper sulphate) .....@ 15c—\$1.50 10 lbs. best burned lime 1 1/2c—.15 3 lbs. arsenate of lead 30c—1.05 Two days labor for mixing and applying spray, \$1.50 per day — 3.00

Total cost per acre .. —\$5.70 There is no allowance for equipment in the above.

Spraying with power equipment lessens costs somewhat, and greatly increasing the capacity for covering the ground rapidly. It is estimated that no less than two and not more than five sprayings will be necessary for effective control.

December 11th, and 12th, spent in judging home gardens with Messrs. Mathews, and Editor Maui News. Some 200 miles covered by auto and foot, visiting some 15 gardens. Very creditable gardens were seen in each of the several districts. The judges gave consideration to only the four or five gardens which the district supervisors considered the best in their respective districts, this being necessary because of the large number of gardens competing, there being possibly 500 in Central Maui alone. Three first prizes will be awarded to Central Maui contestants. The County Agent has given freely of the Food Commissioner's service to this work and has obtained much valuable data as a result of his contact with the work.

Materials were distributed, new lots of solutions were made up and in several cases a final spraying was made to the crops of potatoes soon to be harvested. On the whole the present winter crop of potatoes not badly hit by the blight, on the other hand there is ample evidence that the spraying has been effective in warding off the blight in many cases. The cutworm and aphid injury, together with possibly the newly discovered potato mite appears to have been quite as serious a drawback as the blight. Scarcely less attention has been given to the insect pests than to the potato diseases, and it becomes apparent that a number of factors must be contended with rather than with the blight alone.

DIED

NAUKANA—In Honolulu, December 21, 1917, Miss Mary Lilikalani Naukana, of 1571 Iolani Street, a native of Maui, aged fifty years, six months and three days. Buried in Kawaiahaeo cemetery.

HURD—At the Department Hospital Fort Shafter, Honolulu, December 20, 1917, Mrs. Julia Hurd, of 1278 Punchbowl Street, a native of Paia, Maui, aged twenty-six years. Buried in the Catholic cemetery.

OKADA—In Honolulu, December 23, 1917, Nobuyuki, son of Mr. and Mrs. Tokutaro Okada, of Chin Hong Lane, off Vineyard street, a native of Hana, Maui, eleven months and nine days old.

KAHILANU—In Honolulu, December 22, 1917, Charles Kailianu, of South and Halekaula Streets unmarried, laborer, a native of Ulupalakua, Maui, thirty-nine years old. Buried in Loch View cemetery Pearl City.

Weekly Market Letter

December 22, 1917.

Market prices have changed considerably during the past week, the most important being the large advances in the prices of imported feeds. This is due to the increased freight rates and similar raises in feed prices on the coast. Local feed dealers are unable to get all of their orders filled. Barley is selling for \$68.00 to \$69.00 a ton which is the highest it has sold for in good many years.

A large shipment of sweet potatoes was received during the week, from Wahiawa. These potatoes were very poorly graded and in bad condition, producers expecting to get good returns for their produce should be careful to have it properly graded before shipping it to the market. It is impossible to secure good prices for produce that is not properly graded.

A shipment of large island corn was received from Maui which sold for 72.00 to 75.00 a ton. There is very little island corn in the market but 30 corn that is being received is bringing very good prices. Hides have gone to their old prices since last week due to an increase on the Coast.

Eggs have advanced five cents a dozen during the week but the Division would not be surprised to see them go still higher due to the increased cost of feed. Poultrymen are complaining that they are not taking any money paying such high prices for feed and selling their poultry and eggs at the prevailing market prices.—O. B. LIGHTFOOT Acting Superintendent.

May all the Year be Bright



A Calendar Party Is Jolly at New Year's

A CALENDAR party makes a novel and informal entertainment for the evening of New Year's day or any night during holiday week. It is a very pretty idea to make the invitations look as much like the first page of one of the single leaf calendars as possible. Paste on a sheet of white note paper a leaflet from the calendar bearing the date on which the party is to be held. Below this write:

This is an invitation hearty To my little calendar party. Next Monday night at 8 o'clock Bring all the wits you have in stock. Be sure to come whatever the weather. We'll have a jolly time together.

When the guests have arrived announce to the assembled company that they have been entered as contestants in a calendar race. To prepare for it take one of the single leaf calendars which you can buy anywhere for a few cents. This contains 365 leaves, or one for every day in the year. Tear the leaflets from the cover and hide them all over the house or apartment, in the living room, hall or spare bedroom or wherever you want your guests to go. At a given signal, the blowing of a whistle or the ringing of a bell, everybody starts on a search for the leaflets. This can be continued for as long or as short a time as desired.

The first prize should be given to the person who has collected the greatest number of days represented by the calendar leaves. This can be an ornamental calendar of some sort. The second prize should go to the person who has the most calendar leaves for any one month, but it is forbidden for players to swap leaves to accomplish this. A little diary makes a good second prize.

There should be special prizes for the people who find the dates of the most holidays—Christmas, New Year's, Washington's birthday, Lincoln's birthday, Memorial day, Fourth of July, Labor day (the first Monday in September) and Thanksgiving day (the last Thursday in November). A different prize should be given to the holder of each holiday date and should be something appropriate to the occasion. For instance, the prize for finding Dec. 25 should be a tiny figure of Santa Claus or a small stocking made of tulle or net and filled with tiny candies. New Year's day prize could have a small red blotter decorated with the figure of Father Time cut from a card.

After the prizes have been awarded there is usually time before supper for the date game. To play this it is necessary for the hostess to prepare in advance a number of slips on which certain well known historic dates have been written—for example, 1492, 1066, 1776, 1914, etc. These, of course, stand for the discovery of America by Columbus, the battle of Hastings (Norman conquest of England), the Declaration of Independence of the American colonies and the beginning of the great world war. Each player draws a slip, reads it aloud, and whoever first names the event that makes it famous receives the slip.—New York World.

A Song For the New Year.

A song for the New Year! Exultant its hours. The dust of defeat hath not sullied its flowers. But fancy hath dipped them in roseal dew, And brought them, all blooming in beauty, to you!

A song for the New Year! A clarion strong. Achievement through service, refreshment through song! No mountain too mighty for faith to remove; No labor too lowly, transfigured by love!

A song for the New Year! A message of joy! May never a discord its music alloy! But, growing in sweetness and melody clear, May it ever inspirit and strengthen and cheer! —Ernest Neal Lyon in Reader.

BY AUTHORITY PUBLIC LANDS FOR HOMESTEADS

Opening of Public Lands for Homesteads on the Island of Maui.

Notice is hereby given that the public land hereinafter described will be opened for homesteading as follows, in accordance with law and subject to withdrawal before their selection:

1. LOCATION OF LAND. The land to be opened is on the Island of Maui, and is known as the Haleakala Homesteads, in the District of Makawao.

2. CHARACTER OF LAND. The land in this tract is agricultural-pastoral land.

2. TERMS AND METHODS OF DISPOSITION. The persons entitled to take up said land will be determined by drawing or allotment. Either husband or wife, but not both, may make application to participate in the drawing.

Each person may take one lot. These lots may be taken only by Right of Purchase Lease, conditions of lease to be such as imposed by law.

Possession will be given at once. Exceptions and reservations will be made for existing flumes, ditches, reservoirs, streams, wire and pipe lines, trails and railroads. No lot will be sold as wet lands with appurtenant water rights. All waters are reserved for the public or common use and benefit.

4. APPLICATION FOR PARTICIPATION IN THE DRAWING. All persons qualified to take homesteads may, on or before Monday, January 14th, 1918, at 4 o'clock P. M., but not thereafter, present to the Commissioner of Public Lands, Honolulu, by ordinary mail, but not in person or by registered mail, or otherwise, sealed envelopes containing their applications for participation in the drawing herein provided for; but no envelope shall contain more than one application or any other paper than the application and no person shall present more than one application for this drawing.

All such applications must be made on blank forms furnished by the Commissioner of Public Lands or his agent, and must show the full name, mail address, age, height, weight and sex of the applicant, and whether he or she is single or married, and be sworn to by him or her before a sub-agent of public lands, notary public, judge or other officer authorized to administer oaths, and must be mailed in envelopes furnished by the Commissioner or any such agent.

All such envelopes shall have printed upon them the Commissioner's address and the words "Application, Drawing for District of.....," the blank in which quotation must be filled in with the district in which the land desired is situated; and no such envelope shall indicate the person by whom it was presented or mailed or bear any mark of identification. All envelopes must be securely sealed and should have the requisite stamps attached thereto before they are placed in the mail.

Any person who presents more than one application for this land drawing, or any application in any other than his true name, shall not be permitted to participate in such drawing.

All envelopes which indicate by whom they are presented or mailed will be opened as soon as received and the application therein will forthwith be returned to the applicant.

5. DRAWING AND ASSIGNMENT OF ORDER OF SELECTION. Upon receiving any such envelope properly addressed and properly endorsed as above required, the Commissioner will deposit it in a suitable container, into which will be deposited only and all such envelopes as are properly endorsed for the drawing, and such container will be so constructed and so kept as to prevent envelopes deposited therein from being removed therefrom without detection until they are publicly opened on the day when the drawing and assignment are made.

At 9 o'clock A. M., at the Capitol Building, Honolulu, on Tuesday, January 15th, 1918, or as soon thereafter as may be, the container for such land drawing will be publicly opened and all the envelopes therein will be thoroughly mixed, and will then be taken, one at a time, impartially and indiscriminately, from such container and the applications contained in such envelopes when correct in form and execution, will be numbered serially in the order in which they are taken, beginning with number one, and the numbers thus assigned shall determine the order in which the persons named therein may select and take lots.

A list of the applicants to whom numbers are assigned showing the number assigned to each of them, will be conspicuously posted, and furnished to the papers for publication as a matter of news, and notice of the number assigned and the time and place he must appear to make his selection will be promptly mailed to the address set forth in the application of each person to whom a number is assigned.

All applications which are not correct in form and execution will be marked "Rejected, imperfectly executed," and filed in the order in which they are rejected, and notice thereof will be sent to the persons who presented such applications.

6. SELECTION OF LOTS. Beginning at 12 o'clock, noon, on Saturday, February 2nd, 1918, at the Court House, Wailuku, Maui.

Any persons holding numbers assigned to them for any such land drawing may make their selection of the lots that are open to selection and desired by them in the order in which their applications for participation are numbered.

If any person who has been assigned a number at the drawing fails to appear and make his selection when

the number assigned to him is reached and his name is called, his right to select will be passed until the other applicants assigned have been disposed of, when his name will be called again, and if he then fails to appear and make his selection, he will be deemed to have abandoned his right to select.

7. PROOF AT TIME OF SELECTION. At the time he appears to make his selection, each applicant must be prepared to show his qualifications to take a homestead by affidavit in the form prescribed by the Commissioner, and otherwise. If any applicant is not a citizen of the United States by birth, he must present at the same time either the original of a certified copy of his declaration of intention to become a citizen, or of the order of the court admitting him to citizenship; and if an applicant who is not born in the United States claims citizenship through his father's naturalization while he was under twenty-one years of age, he must present a certified copy of the order of the court admitting his father to citizenship.

No person who appears to be disqualified to take a homestead will be permitted to make a selection, or in case he has made a selection, to receive the necessary papers or take or retain possession of the lot selected.

8. FORMS, MAPS, INFORMATION. Blank forms of applications, addressed envelopes for applications, blank forms of affidavits of qualifications, other necessary forms and information in regard to the lands to be opened and the terms under which they may be taken, may be obtained from the Commissioner of Public Lands at Honolulu, or from Sub Agent W. O. Aiken, Paia, Maui.

Table with columns: Lot No., Area, Acre, Appraised Value. Lists lots 101 through 138 with their respective values.

HALEAKALA HOMESTEADS, District of Makawao, Island of Maui. Approved: LUCIUS E. PINKHAM, Governor of Hawaii. Honolulu, November 6th, 1917. (Nov. 9, 16, 23, Dec. 7, 14, 28, Jan. 4, 11)

BY AUTHORITY Lot 116, area 38.48 acres, appraised value \$945, is hereby withdrawn and will not be homesteaded. B. G. RIVENBURGH, Commissioner of Public Lands. Honolulu, T. H., December 17, 1917. (Dec. 28; Jan. 4, 11.)

BY AUTHORITY OFFICE OF THE DEPARTMENT OF PUBLIC INSTRUCTION. All bills against the Department of Public Instruction of the Territory of Hawaii, incurred during the present biennial period beginning January 1, 1915, and ending December 31, 1917, and remaining unpaid, must be forwarded to the office of the Department of Public Instruction, properly made out on the regular forms, not later than January 10, 1918, in order to insure payment of same. H. W. KINNEY, Superintendent of Public Instruction. (Dec. 21, 28.)

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