CLUB ROOT IN CABBAGE.

Its Cause Disputed—Various Remedies Suggested.

Authorities differ as to the cause of the club root in the cabbage tribe of plants. In Henderson's "Gardening For Profit" the cause of the extraordinary disease known as club root is said to be an insect, and this is perhaps the most popular theory. The remedy suggested by Henderson is a heavy dressing of lime in fall and spring. Professor L. H. Bailey distinctly claims that club root is not due to the maggot, but to a fungus. His advice is to leave the roots as soon as the disease appears, alternate crops and avoid the use of stable manure.

A New Jersey farmer, writing in the New York World, says that the cause is an insect which deposits its eggs in the root or lower part of the stem while the plant is quite young. These eggs soon hatch out, the larvæ or maggots eat the bark off around the top or principal root, thus cutting off the connection between the root and stem. Still the root continues to grow, further a callosity or tumor with the substance that nature intended to nourish the plant. In this the maggots revel and increase in number till the plant finally dies of the parasites. This is club root, or heading in the ground.

The time to prevent the ravages of this insect is at the time of sowing the seed, in preparing the seed bed. This seed bed need not necessarily be rich. Any good ordinary garden soil will do, but after the seed bed is dug and leveled off a good coating of wood ashes must be spread over the plot and well raked in. Then proceed to sow the seeds, either in drills or hills, whichever is found most convenient. If manure was applied before the ground was dug, it would help to keep the ground soft, which is a desideratum, but in any case these ashes will cause the plants to form a mass of roots that when pulled up will hold on to a ball of earth, or which will be for the most part useless, and this mass greatly assists the growth after transplanting.

These ashes not only prevent the plants being stung in the seed bed, but prevent them being bitten afterward, and so far as club root is concerned no one need fear any danger from it. This plan holds good with all the cabbage tribe. Lime, salt and soot are all good, but not effectual. The muriate of potassium or potash seems to be the great preventive remedy in this case and may give a clue to other important uses of this salt to agriculture. By the above plan a dozen consecutive crops of cabbages, etc., may be grown on the same plot without being attacked by what is called club root, according to this farmer.

Growing Potatoes.

After trying different methods of growing potatoes a correspondent, writing from Kansas to The Farm, Field and Fireside, finds the following best suited to his locality. He says: "Select the best soil you can get, avoiding ground that is liable to overflow, clear off all the trash, and if the ground is not very rich apply a good dressing of well rotted manure and then plow as deep as you can. Then harrow till the soil is in good condition. Then as soon as danger of frost is past plant for early crop, say 1st of June plant Peachblows. When ready to plant, take a plow and run deep furrows 34 feet apart. Cut your potatoes in pieces, one or two eyes in the piece, drop 18 inches apart in these furrows, one piece in a place. Then take a hoe and cover, putting an inch of soil over each piece. Cultivate as soon as the plants are well up and keep filling in the furrows, and you will not be troubled with weeds in the rows and will not need to do any hand weeding. Cultivate once a week till they bloom."

Reservation of Forest Lands.

Seven reservations of forest lands have already been made—namely, those of White river, Pike's peak and Pinos creek, Colorado; Pecos and Gallinas rivers, New Mexico; Bull river, Oregon; Yellowstone, lying north and east of Yellowstone park, Wyoming, and Mt. Gabriel, California. These comprise an area of more than 8,000,000 acres. Twenty-three other proposed reservations are now under consideration by the department of the interior. These are situated in the states of California, Colorado, Idaho, Minnesota, Montana, New Mexico, North Dakota, Oregon, Washington and Wyoming.

Poultry Tips.

American Poultry Journal says, "Don't feed egg shells if you don't want your fowls to become egg eaters."

If you want a quick maturing and profitable laying fowl, you cannot do better, says Farm Poultry, than take the Black Langshans.

P. H. Jacobs advises for pigs a drop of spirits of turpentine on a bread crumb twice a day as the best remedy.

Don't let your young chicks out in the light rains.

The raising of ducks for eastern markets has become a rapidly growing industry in late years.

The Farm Journal recommends cooked food as being more economical than raw food. The grains may be cooked in quantity and fed cold, as they will keep for weeks in cold weather. Laying hens ought to enjoy a steaming mash containing some meat scraps every morning. This watery food can't be expected to supply material for eggs.

The best of the self regulating incubators require watching. The operator must be intelligent. An ignoramus cannot succeed in hatching chicks by machinery.

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I. C. R. R. Lake Lett, August

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ASSESSMENT NOTICE

AT A MEETING OF THE BOARD OF [illegible] held March 18th, 1893, the [illegible] was duly assessed [illegible] Stock in the Capital Stock of the Company, as follows: [illegible] Delinquent on the 10th day of April, 1893, will be advertised for sale at public auction, and unless payment is made before, will be sold on Saturday, the 29th day of April, 1893, at the hour of 2 o'clock p. m. of said day, at the office of the Company, Room 3, Dooly Block, Salt Lake City, Utah.
[illegible]
Salt Lake City, March 18, 1893.

LEGAL NOTICE.

In the Probate Court in and for Salt Lake County, Territory of Utah.

In the Matter of the Estate of Sarah Burnham, deceased.

NOTICE IS HEREBY GIVEN THAT [illegible] administrator of the [illegible] Sarah Burnham, deceased, [illegible] Probate Court of said county, [illegible] Monday, the 1st day of May, A. D. 1893, at the hour of 10 o'clock a. m. of said day, at the Court House in said county, when and where all persons interested in said estate may appear and show cause why the petition of said administrator should not be granted and he be authorized to sell the real estate of said deceased described in said petition, or so much thereof as may be necessary, for the payment of debts, costs of administration and taxes, and for the distribution of the proceeds of said sale among the heirs of said deceased.
Dated April 14, A. D. 1893.
H. T. MEADY,
Clerk of the Probate Court.
Hoyt Bancroft, Attorney for administrator.

LEGAL NOTICE.

In the Probate Court in and for Salt Lake County, Territory of Utah.

In the matter of the estate of W. K. Johnson, deceased.

Order to show cause why letters of administration should not be issued.

M. SCALLAHAN JR. ADMINISTRATOR of the estate of W. K. Johnson, deceased, having filed his petition herein praying for an order of sale of the real estate of said deceased, for the purposes therein mentioned, and for the payment of the debts of said deceased, and it appearing to the satisfaction of the court from said petition and the files and records of the court, that the Tuesday, the 25th day of April, 1893, at the hour of 10 o'clock a. m. of said day, at the Court House in the city and county of Salt Lake, Territory of Utah, be and the same is hereby appointed for hearing said petition, when and where all persons interested in said estate may appear and show cause why said petition should not be granted; and it is further ordered that a copy of this order be published in the Deseret Evening News, a daily newspaper printed and published in said county and Territory, for four successive weeks prior to said day.
Dated Salt Lake City, March 15, 1893.
JACOB S. BOREL,
Probate Judge.

SUMMONS.

In the District Court in and for the Third Judicial District in and for the County of Salt Lake.

JOHN NIXON, PLAINTIFF,
vs.
Charles A. Henderson and William K. Henderson [illegible] Henderson Lumber Company, a corporation, Defendants.

The People of the Territory of Utah send greeting:
To Charles A. Henderson and William K. Henderson [illegible] Henderson Lumber Company, a corporation, Defendants.

YOU ARE HEREBY REQUIRED TO APPEAR in an action brought against you by the above named plaintiff, in the District Court of the Third Judicial District of the Territory of Utah, in and for the County of Salt Lake, and to answer the complaint filed therein within ten days after the service of this summons on you, if served within this county, and within twenty days if served out of this county, exclusive of the day of service; and if you fail to appear or answer the complaint as required, the plaintiff will take judgment against you for the sum of [illegible] and interest thereon from the 1st day of [illegible] 1892, at the rate of [illegible] per month, and costs of suit, and for a decree of the court that the mortgage lien upon the following described real estate, situate in Salt Lake County, Territory of Utah, to wit: [illegible] be foreclosed and the said premises be sold to satisfy said judgment, and for such other and further relief as may be just and equitable in the premises.
Given under my hand and seal of said court this [illegible] day of March, A. D. 1893.
[illegible]
Clerk.
By [illegible] Deputy Clerk.
[illegible] & Dickson, Attorneys for plaintiff.

LEGAL NOTICE.

In the Probate Court in and for the Salt Lake County, Territory of Utah.

In the matter of the Estate of Henry J. Serrens, deceased.

HENRY J. SERRENS and [illegible] executors of the last will and testament of said deceased, have filed their petition in said court, praying for an order of sale of all of the real estate of said deceased, for the purpose of paying the debts of said deceased, and for the distribution of the proceeds of said sale among the heirs of said deceased, and for other and further relief; and it appearing to the satisfaction of the court from said petition and the files and records of the court, that the Tuesday, the 25th day of April, A. D. 1893, at the hour of 10 o'clock a. m. of said day, at the Court House in said county, when and where all persons interested in said estate may appear and show cause why said petition should not be granted; and it is further ordered that a copy of this order be published in the Deseret Evening News, a daily newspaper printed and published in said county and Territory, for four successive weeks prior to said day.
Dated March 15, 1893.
JACOB S. BOREL,
Probate Judge.
Hoyt Bancroft, Attorney.

NOTICE OF SALE UNDER DEED OF TRUST.

WHEREAS THE [illegible] Company, a corporation, [illegible] Company, a corporation, by their mortgage of real estate, dated the 1st day of [illegible] 1890, and recorded in the office of the Recorder of Salt Lake County, Utah, in Book [illegible] of Mortgages, page [illegible], conveyed to the undersigned, William Dickson, Trustee, the following described real estate, situate in Salt Lake County, Utah, to wit: [illegible] to secure the payment of certain bonds of said Company, of even date with said mortgage, and [illegible] and whereas default has been made in the payment of said bonds and interest, and the holders of said bonds have duly elected that the said trustee should sell said mortgaged premises to satisfy said bonds and interest, and have duly notified said trustee of such election, and have given him ten days' notice of the time and place of said sale, and have tendered him his fees for said sale, and have indemnified him against the costs and expenses of said sale, and have requested him to sell said premises to satisfy said bonds and interest, and have tendered him a form of deed for said premises, and have requested him to execute said deed to the purchaser at said sale, and have tendered him a form of deed for said purchaser to execute to him, and have tendered him a form of deed for said purchaser to execute to him, and have tendered him a form of deed for said purchaser to execute to him