

THE GATE CITY JOURNAL, NYSSA, OREGON.

AIM TO PREVENT PLANT DISEASES Much Could Be Saved to Future

Crops if Care Is Taken to Avoid Infected Plants.

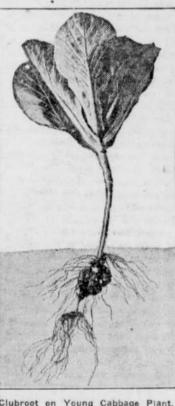
CROP ROTATION IS HELPFUL Setting of Few Clubrooted Plants May

Give Start That Will Ruin Gan den for Years-Wilts Are Easily Transmitted.

(Prepared by the United States Depart-ment of Agriculture.) What a lot might have been saved if we could have applied to crop production 20 years ago what we know now about the control of plant diseases. And equally true, what a lot we could save in future crops if we would only apply the knowledge that we have. "Future crops" is written advisedly, for the introduction of a lisease into new soll may affect for years to come the crops planted on that soll unless radical and extensive measures are taken to eradicate the disease from the soil, say specialists of the United States Department of Agriculture.

Infests Soil for Many Years.

Take, for example, the case of clubroot of the crucifers; i. e., cabbage, cauliflower, mustard, etc. The setting of a few clubrooted plants may give the start that in a single season will make for years an otherwise good garden unsuitable for cabbage and other crucifers. A case is known in which a cabbage patch in Pennsylvania was abandoned 27 years ago because of the prevalence of clubroot. When cabbage was again planted the crop was badly affected. The disease

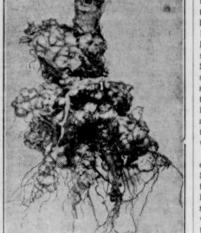


Clubroot on Young Cabbage Plant. had been kept alive during all those

another to be used for seed. Too late it was discovered that the potatoes were infested with root-knot producing eelworms, which were, of course, scattered far and wide by this means. While this may not have been the first introduction of the disease into that state, it was at least one of many introductions which have resulted in the wider and wider spread of rootknot and the loss of millions of dollars.

Set Only Clean Plants. Tomatoes, tobacco, celery, peppers, figs, peaches, and many other plants are likewise instrumental in carrying this disease. As indicated by the name, its principal manifestation is on the roots of plants in the form of swellings or knots. Severe infestation will result in the yellowing and dwarfing and often the death of the plant.

Wilts constitute another group diseases that may be transmitted to



Clubroot in Advanced Stage.

soll by means of diseased plants. They are manifested by a wilting of the whole plant. These, and the ones referred to above, may be and ought to be kept out of new land. The way to do it is to set out only clean plants. The way to keep the plants clean is to sterlize the seed beds. If steam pressure is available, the inverted-pan method described in Farmers' Bulletin 996 is best. Such steam pressure may often be had in the greenhouse from the boller used for heating. For outside seed beds any kind of a steam boller, either on a stationary outfit or a steam traction engine, will furnish plenty of pressure. If steam pressure is not available, good results can be accomplished by the hot-water treatments advocated in Department Bulletin 818.

GET CUSTOMERS FOR

Write to Relatives and Acquaint-

ances in Cities.

Many People Will Not Order Farm

Produce From Strangers Because

They Do Not Know of Con-

ditions of Production.

Prepared by the United States Depart-ment of Agriculture.)

For producers who wish to market by

parcel post the most satisfactory way

PARCEL POST TRADE

TRICK DESERTER WHO HID IN WILDS FOUR YEARS

Stalling of Automobile Is Faked in Neversink Hills, New York, and Man Is Captured.

John Tillison, who was arrested in Sullivan county, New York, by state troopers on the charge of desertion from Camp Gordon in December, 1917, had lived and hidden himself four years in the mountains.

Although it had been known for a ong time that Tillison had been making his rendezvous in the mountains, attempts to arrest him were unsuccessful. On one occasion the officers were so close to him that when they entered his shack by one door he escaped by another, the bunk where he

had been lying being still warm. Troopers Blount and Drum arrested the man. In civilian clothes and with two Neversink men familiar with the little frequented country, they fol-lowed the road to the domicile of Henry C. Smith, brother-in-law of Tilli-Just before they reached the Smith house, the police say, they stalled the engine of their car. After several minutes of unsuccessful effort to start the motor Tillison's brother-in-law, a boy of eighteen, came out to assist them. They asked the youth if there was some one about the place who could repair an automobile.

The boy said his brother-in-law could, but mentioned no names. Young Smith was sent to the house to ask the brother-in-law to help the motorlsts. The fugitive was wary strangers and sent back word that he was busy. This assured the troopers that they had found their man.

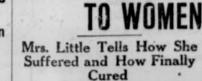
Blunt and Drum then went to the Drum remained outside and house. Blunt and the two guides entered. Blunt informed Smith of his mission, out Smith at first denied the presence of Tillison, although later he admitted the man might be about.

Blunt tried a door and found it ocked, but Smith opened it and Blunt saw two men, one of whom ran. Blunt overtook the latter, who was identified as Tillison

The fugitive was taken to Monticello and lodged in Jail. Later the troopers turned him over to Captain Hibbs, adjutant at West Point.

The troopers who searched the room in which Tillison was discovered, say they found a 37-55 Springfield rifle containing eight shells.

INDIAN PRINCE TAKES



AN OPEN LETTER

Philadelphia, Pa. - "I was not able to do my housework and had to lie down most of the time and felt bad in my left de. My monthly periods were irreg-ular, semetimes five or seven months or seven months apart and when they did appear would last for two weeks and months 100 were very painful. I was sick for about a year and a half and doctored but without any improvement.

4

A neighbor recommended Lydia E. Pinkham's Vegetable Compound to me, and the second day after I started tak-ing it I began to feel better and I kept on taking it for seven months. Now I keep house and perform all my house-hold duies. You can use these facts as you please and I will recommend Vege-table Compound to everyone who suffers as I did." - Mrs. J. S. Litritz, 3455 Livingston St., Philadelphia, Pa. How much harder the daily tasks of a woman become when she suffers from such distressing symptomsand weak ness as did Mrs. Little. No woman should allow herself to get into such a condition because such troubles may be speedily overcome by Lydia E. Pinkham's Vege-table Compound, which for more than symptot health.

To Encourage Salvage.

Following the policy of rigid econ ay laid down by the secretary of war. and with his approval, the quartermaster corps hereafter will teach enlisted men salvage work. A school for training the personnel in the repair of clothing and shoes has just been established at Camp Jackson, S. C., and another school for the repair of typewriters at Fort McPherson, Ga.

This training of the men will be part of the routine work of the salvage shops, and additional schools will be established as soon as possible at convenient points in other corps areas. In this way much material bought for the war can be repaired and utilized for the peace-time needs of the army, saving thousands of dollars to the tar payers.



fers that had grown upon the land as weeds.

Clubroot is not manifested in the top in early stages of development, but may always be seen on the roots if it is present at the time the plants are taken from the seed bed. An abnormal swelling in any part of the root is an indication of the presence of this disease. In its later stages the swelling may involve the entire root, as shown in the illustration and will invariably cause the production of a poor head.

Another example is that of rootknot of a wide variety of plants, so injurious in the southern part of the country and occurring also in some of the more northern states. It would be impossible to state how much rootknot there was in the South 50 years



ago. But it is certain that the disease is becoming more wide spread every year. This distribution is due largely o its treasmission by diseased plants. Some years ago a carload of pota-"s shipped from one state to produce wrinkles.

of finding customers is to write to friends, relatives, or acquaintances in cities, seeking their trade, say specialists of the bureau of markets, United States Department of Agriculture. Purchasers, on the other hand, often can locate reliable producers by correspondence with friends, relatives, or acquaintances in the country. More than 75 per cent of the produce being marketed by parcel post in a number of cities in which investigations have

been made is sent by persons who obtain their customers in this way. Making business contact is less difficult between friends because there is an absence of the suspicion and distrust that sometimes is found between strangers. Many persons will not order farm produce from strangers because they do not know the condi-

tions under which the articles are produced, it is said. Although ways of obtaining custom ers are numerous, no method is so promising as that of working up a trade with or through friends. This method of establishing business rela tionship is especially recommended for the general farmer who has a limited amount of produce. Those who wish to market a great deal of produce by parcel post may find it necessary to obtain customers by personally soliciting strangers or through advertising in newspapers and by other public means. Another method is to write to friends in the city, asking for a list of acquaintances who would proba bly be interested in receiving table supplies by parcel post.

ROOF ON POULTRY BUILDINGS

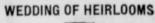
Decided Advantage to Unroll Prepared Material and Let in Light and Sunshine.

When putting prepared roofing on coultry houses, it is a decided advantage to unroll the roofing and to let in light and sunshine for a few nours The rooting expands from the warm ing and lies smoother when applied to the roof. The inside of the toll is cooler than the outside air, and so H not placed in the sun before applics tion, it will expand after astling and



Aga Khan, (right), wealthy and distinguished Indian prince, who, is visiting in Paris, has surprised his host of Parisian friends by taking up boxing lessons. He has called in one of the foremost boxing instructors of Paris, and dally goes through the routine in the hotel back square. Here Prince Aga Khan is shown with his Instructor?

The prince is the head of the religious sect of the Ismaill Monsulmans, which extends over a large part of Asia and East Africa.



Bride Wears Grandmother's Dress, Cuts Cake With Old Navy Sword.

At the wedding of Miss Caroline Cummings Seward, daughter of Clarence C. Seward, near Middletown, N. Y., and Halsey Emory Crosby of New York, one day recently, the bride was attired in the dress worn by her grandmother and was married in the same room where her mother took her mar riage vows

The bride's cake was cut by the bride with a sword carried by the bridegroom's father, and later by the bridegroom, during their service in the navy. The bride is a relative of the secretary of state in Lincoln's cabinet.

Many Allens Ask Adoption of U. S. In April 12,974 allens were granted fipal citizenship papers, it has been announced at the Department of Labor. Final papers were asked for by 16,615 while 25,915 others, declared their intention of becoming citizens.

Boy Killed as Family Awaited Death As the family stood at the bedside of Mrs. James Miller of Mt. Vernon, fill, momentarily expecting her death, lightning struck the house, instantly killing Harold Miller, her grandson, twelve years old, who was playing in front of the house.

Life is a burden when the body is racked with pain. Everything worries and the victim becomes despondent and downhearted. To bring back the sunshine take



The National Remedy of Holland for over 200 years; it is an enemy of all pains re-sulting from kidney, liver and uric acid troubles. All druggists, three sizes.

Look for the name Gold Medal on every box

No More Misery After Eating Just Takes An Eatonio

"The first dose of Eatonic did me onders. I take it at meals and am ab longer bothered with indigestion,"

writes Mrs. Ellen Harris. Thousands of people, like this dear indy, gratefully testify about Eatonic, which does its wonders by taking up and carrying out the excess acidity and gases which bring on indigestion, heartburn, bloating, belching and food repeating. Acid stomach also causes bout seventy other non-organic all-ments. Protect yourself. A big box of Eatonic costs but a triffe with your ruggist's guarantee

