

HORTICULTURE



CAUSE OF PLUM BLACK KNOT

Tree Wart is Undoubtedly Due to Fungous Growth and Most Prevalent in Hot, Damp Seasons.

The plum tree wart or black knot is said to be due to a ball produced by an insect or from fungous growth. Mr. P. Barry, in his Fruit Garden, says it is undoubtedly due to fungous growth. It is most prevalent in hot, damp seasons. He says: "Clons should never be taken from a diseased tree. Cutting out the diseased branch clean to the sound wood, the moment the knots begin to appear, in an effectual remedy, and these cuttings should all be burnt at once. We have saved trees six inches in diameter, that were affected on the trunk so seriously that one-third of its thickness had to be removed to get below the disease. After it was cut out we applied a plaster of grafting composition, covered it with a cloth and in two years it was all healed over and sound."

"Plum and damson trees are the two fruits most injured by this fungous disease. If the warts are not cut out and the branches upon which they grow are not burnt, it will not be long before the entire tree is affected, causing the loss of the tree. Wild trees with this disease should be cut down and burnt."

"Slugs, which eat the tender leaves of the cherry and pear trees may be killed by dusting with fresh airslacked lime. Apply early in the morning when leaves are damp. Two applications will nearly always kill the worms and their larvae."

"The late broods of caterpillars should be destroyed before they leave the nest. If not killed when small, the worms will quickly eat up the young tender leaves, causing the loss of one or more branches of the tree. An asbestos torch, attached to the end of a pole of suitable length, is an effective way to destroy the nest and worms. The torch is sprayed with a 'little coal' oil and when lighted, held under the post and around the branch where the worms are, the heat kills the worms at once and will not injure the branches."

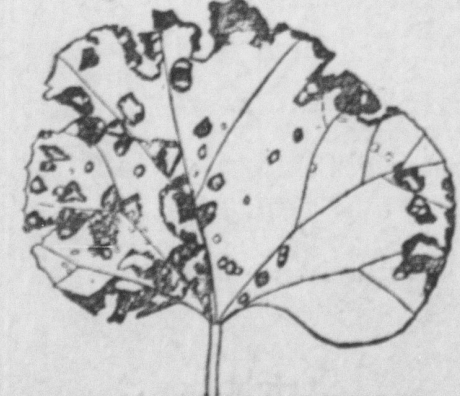
FEW MUSKMELON DISEASES

Leaf Blight Causes Large Dead Areas in Leaves—Fungus Attacks Stems of All Plants.

(By A. D. SELBY.)

Muskmelon leaf blight is a disease more or less peculiar to the muskmelon, although the fungus which causes it has also been found upon cucumber leaves.

The leaf blight causes rather large dead areas in the leaves, which are usually distinguished from those of mildew by their larger size and the tendency of the central portion to break out. The prevention of muskmelon leaf blight is by no means an easy matter, requiring of itself great thoroughness and carefulness in the application of the Bordeaux mixture and also requiring that the downy mildew shall be watched during the same period. For this reason earlier sprays, if made before August 1, should be repeated at fortnightly intervals, while those after August 1 should be at weekly or ten-day intervals. Melon growers have succeeded by following these lines, while others



Muskmelon Leaf Attacked by Blight.

who were less thorough were less successful or failed entirely. The Bordeaux treatment is recommended with confidence.

The common anthracnose fungus of the muskmelon attacks the stems of plants of all sizes as well as the leaves. In these the fungus produces the fruiting bodies. After the seeding stage is passed it is usually possible to keep the anthracnose in check by spraying with Bordeaux mixture.

Killing Trees.

Feeling trees in the late summer will kill them. The stumps can easily be removed with a stump puller or if the ground is cultivated around them they will rot in time. They may be destroyed by fire or blasted with a small can of dynamite. Sprouts can easily be killed after the trunk is dead by continually cutting them under the surface with a mattock and by steady cultivation.

Reset the Beds.

Reset the strawberry bed every two years for best results. It will pay well.

NEW POT FOR TRANSPLANTING

Made in Two Sections, Which Are Easily Separated and Damage to Flowers Eliminated.

A simple and effective pot for flowers and shrubbery that requires transplanting has been patented by an Idaho man. Of course, it costs more than the ordinary pot, but that is equalized by the fact that it lasts much longer and damage to transplanted flowers is eliminated. This new pot consists of two parts of steel metal, with dovetailing hinge eyes. Rods run through the hinge eyes on both sides and hold the pot together. When a plant is to be transferred from the pot to the ground a hole is dug in the latter and the pot inserted. The two rods are then withdrawn and the two sec-



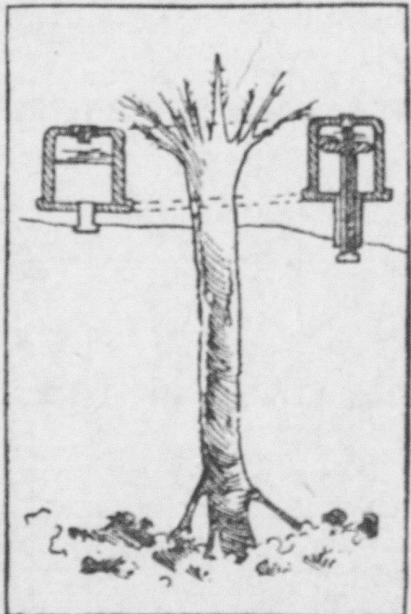
Transplanting Pot.

tions of the pot fall away from the dirt surrounding the roots. The earth can then be packed back into the cavity and the flower transplanted without the slightest trouble or danger to the roots.

PLAN FOR WATERING TREES

Tanks Sunk in Ground Supply Need Moisture—Need Not Worry Over Dreaded Drouth.

Owners of valuable trees and plants need no longer worry about drouths if they will install the apparatus patented by a man in the state of Washington. This comprises a pair of tanks that are sunk in the ground on either side of the tree. In the bottom of these tanks are discharge out-



For Watering Trees.

lets, and the flow of water through these outlets is regulated by means of plugs. There is also a drain opening in the bottom of each reservoir.

Pipes extend up from these tanks to above the surface of the ground and through these pipes the reservoirs can be filled when the water gets low. This can be discovered by watching a float in one of them. As the water sinks this float slowly drops down with it and when the top of the float has fallen to the top of the pipe it is time to fill up again.

HORTICULTURAL NOTES

The quickest growing tree for a shelter belt is the willow.

Blackberries are started from sprouts and by root cuttings.

After the raspberries are through fruiting, the old canes are taken out. Old canes of all bramble berry bushes are best cut out when through fruiting.

Dewberries and black raspberries are propagated in the same manner as blackberries.

New varieties of strawberries, like all of our cultivated fruits, are produced from the seeds.

While sandy soils are probably good for strawberries, any soil not too rich will bring good results.

Prune a little every year rather than too much in one year. It will be much easier for you and a great deal better for the orchard.

A moist soil, when kept in an unfrozen condition as long as possible, is the surest means to prevent winter killing of trees.

The holes for your new trees must be made larger and deep enough to receive the entire root system without crowding or cramping.

Remember that the wood ashes that come from the cook stove, fireplaces or furnace are the best kind of fertilizer for the orchard.

As soon as the old canes of blackberries and raspberries are through fruiting, cut them out and burn them, thus destroying many insect and fungus pests.

GREAT SAFETY VALVE

Baseball Keeps Americans From Actual Insanity.

Without Game Two-Thirds of Hurried, and Nervous Population Would Be Grinning Through Bars of Mad Houses.

Most games are watched with interest, but in silence, even by their devotees. Unless an active partisan of the team or of some player, or unless the spectator has money up on the result, he is apt to sit and watch the progress of the match without tearing his collar off and ripping out his hair by the handful.

But there is something about baseball that is different. As a matter of fact the fan is a fan all the year round. In the midwinter he is willing to stand on the windy corner of a snowy street and exchange opinions and reminiscences on players and plays. Some psychologists have argued that it is the great American safety valve, and that without it about two-thirds of a hurried, harassed and nervous population would be grinning through the barred windows of the madhouses.

The fan forgets, or does not care, that the whole system of organized baseball is as highly commercialized as a railroad system. He is not particularly worried about the fact that he is being lured there so that the magnate may extract the price of admission from him. He is willing to sit in the hot sun all of an August afternoon to watch hired men play a game that exists because there is money in it.

The strangest part about it is that he will fight over his opinions, neglect his business to see the games and have an appetite fit under the excitement. So far as he is concerned it is not a dollar in his pocket. The only gratification he gets out of it is to see some man who has become an unquestioned expert hit a ball, catch a ball, or do a little quick thinking that wins a game.

From presidents down to bootblacks the whole country goes to the ball game whenever there is the slightest opportunity.

EDDIE PLANK PLEASES MACK

Disappointing Performances of Other Pitcher Makes Work of Left-Hander Seem Bright.

The many disappointments his numerous pitchers are handing him this season makes the work of Eddie Plank look all the brighter to Connie Mack, wizard of the Athletics. The veteran of the squad and a player whom some of the critics have for several seasons been relegating to the "has been" class, Plank keeps right on delivering the goods in masterly style. It was Plank who kept the Athletics out of last place all through the early weeks of the season last year, and again it was Plank who is doing most of the winning this year. His left-hand cross fire is as deadly as of yore, and his painstaking meth-



Eddie Plank.

ods in preparing for the baseball season leaves no cause for such excuses as lack of control and overweight. No team can win consistently with poor pitching, and the lack of effectiveness in the box is proving a severe handicap to the champions.

Big Pitching Sale.

The fourth big pitching sale of the 1912 Northwestern league took place when Ed Watkins, owner of the Tacoma Tigers, sold Bent Hunt, his big southpaw, to the Chicago White Sox for fall delivery. Hunt brought close to \$3,000. He was purchased from Sacramento early this season for a few hundred dollars. Charlie Graham of the Senators figuring that the ex-Red Sox would be able to "come back" this season after an attack of typhoid pneumonia last year.

Cans 'Em by Wholesale.

The Muscatine club of the Central association has released Manager William F. Krieg and five players, and has signed as manager Joe Wall, first baseman of the New York team of the defunct United States league. Wall brought with him Pitcher Shack, Outfielder O'Brien and Catcher Bennet. Pitchers Taylor and Schrenk, Shortstop Sweeney and Outfielder Clayton have also been signed.

ONE GREAT OPPORTUNITY IS PASSED UP.



Fred Parent, Baltimore Player, Who Overlooked Chance to Make Triple Play Unassisted.

Fred Parent, of the Orioles, passed up a chance to make an unassisted triple play in a recent game with Newark, when he had the thing all laid out for him. He said he didn't care, but it is suspected he didn't realize his opportunity until it was too late. Billy Zimmerman was on second and Eddie Zimmerman was on first when Higgins hit a liner above Parent's head. He made a leap and

caught the ball. The two Zimmermans were both racing toward home and all Parent had to do was to step on second to get one and tag the other when he attempted to come back, but instead he tossed the ball to Maizel at second, who relayed to Schmidt at first to complete the three out. Parent was within five feet of second base at the time he executed the play.

STORIES OF THE DIAMOND

Vean Gregg is the most consistent winner for the Naps.

Miller Huggins is playing a great game at second for the St. Louis Cardinals.

A chap named Sloan has been sold to the Browns. He came from Bristol, Tenn.

The crying need of the Naps is catchers, according to one of the Cleveland exchanges.

Charlie Wagner has had his eye on the ball this season. He has hit it on an average of one bingle a game.

Tommy McMillan has been given the shortstop position of the all-star Eastern league team by a Baltimore paper.

Beals Becker of the Giants, in six batting efforts recently, got three bases on balls, and three blows on the head.

The only club in the American association this year that is making anything like good money is the Minneapolis Millers.

Pitcher Packard of the Columbus team of the American association is regarded as one of the best pitchers in that league.

Munsie, a pitcher who was tried out by the Giants last spring, has been sold to the Sacramento club by the Buffalo team of the International league.

Connie Mack keeps right on signing collegians. His latest acquisition is Robert Stevenson, great football and baseball star at the University of Minnesota.

WHY TOM LEACH WAS LET GO

Manager Clarke Compelled to Trade Clever Player to Make Way Clear for Honus Wagner.

The cat is out of the bag as to why Fred Clarke, manager of the Pirates, apparently had to show his lack of sagacity as a big league team manager and be outdone in a trade when he let Tommy Leach and Lefty Leifield go to the Chicago Cubs in exchange for King Cole and Sol Hofman.

According to a member of the Pirates, this trade or some other trade by which Tommy Leach would get out of the Pirte ranks was absolutely necessary to prevent constant internal dissensions and save the scalp of Barney Dreyfuss, president of the Pirates. Also it had to be done in order that Hans Wagner may be manager of the Pirates next season.

This Pittsburgh player declares that some time ago Dreyfuss promised Tommy Leach he would succeed Clarke when the present manager of the Pirates retired.

At the beginning of the present season Clarke told Dreyfuss he would retire at the end of 1912. Clarke also told Hans Wagner, and the big Dutchman thought he would like to be manager of the Pirte for at least one season. He went to Dreyfuss, and Dreyfuss told Wagner he would succeed Clarke. This left Dreyfuss with two prospective managers on his hands—the fighting Tommy and the big Dutchman.

CAMNITZ IS "ONE BEST BET"

Pitcher Has Been Mainstay of Pittsburgh Pirates for Some Years—Has Done Great Work.

Howard Camnitz, the Pittsburgh pitcher, is having a good season on the diamond. Camnitz has long been regarded as one of the best twirlers in the National league, but his showing



Howard Camnitz.

has been of an in-and-out variety. He has been one of the mainstays of the Pirates for a number of years but has not shone with the brilliancy of other pitchers. This year he is the one best bet of the Pirates on the firing line.

Flick is Released.

Outfielder Elmer Flick has been given his unconditional release by the Toledo club. Flick has played in organized baseball for more than seven seasons. He was with the Philadelphia Nationals, Athletics and Naps in the big leagues, and is one of the few major leaguers who can boast of a batting average better than .300 for five consecutive seasons.

Toledo has also purchased Pitchers Frost and Williams from the Flint (Mich.) club.

McAleer After "Farm."

It is reported that President McAleer of the Red Sox has about concluded negotiations for the purchase of the Youngtown club of the Central league. McAleer desires to use this club as a farm. While Boston was playing in St. Louis, McAleer spent the time in Youngtown and also was there; much of the time when the team was in Cleveland. It is believed that he completed arrangements.

Giants' New Pitcher.

Larne Kirby, the pitcher bought by the Giants from the Traverse City team of the Michigan State league, has won sixteen out of eighteen games this season. McGraw has a liking for the M. S. league. He dug Fred Merkle out of those depths.

BACKACHE AND ACHING JOINTS

Together Tell of Bad Kidneys.

Much pain that masks as rheumatism is due to weak kidneys—to their failure to drive off uric acid thoroughly.

When you suffer achy, bad joints, backache, too; with some kidney disorders, get Doan's Kidney Pills, which have cured thousands.

A Maine Case

"I was confined to bed two years and the doctors did not know what ailed me. My back pained intensely and kidney secretions were very irregular. The doctor said I would never walk again. After taking Doan's Kidney Pills I rapidly improved, until once more in good health. I cannot express my gratitude." Get Doan's at any Drug Store, 50c a Box.

Doan's Kidney Pills

St. Evans St., Buffalo, N. Y., June 6, 1912.
"I was troubled with dandruff which caused such itching that I could not sleep. It ailed onto my hair, and my hair began to fall out. Having tried many remedies without success, I finally bought a fifty-cent jar of Resinol Ointment, and rubbed it on my scalp, washing the hair every morning with Resinol Soap. In about a week I was entirely cured."
(Signed) FRED POLITO.

Resinol cured his dandruff

And if you, too, are suffering from this annoying trouble, so often accompanied by itching scalp and loss of hair, ten to one it will do as much for you.

Sold by almost all druggists (Soap Res. Ointment 50c), or by mail, postage paid, on receipt of price Resinol Chemical Co., Baltimore, Md.

A SAFE Summertime Remedy

The children and grown folks, too, suffer more in summer from Cramps, Colic, Acute Indigestion, Dysentery and Diarrhoeal complaints than at any other time.

Be prepared! Get a bottle of

DIACRAMP

REG. U. S. PAT. OFFICE and kept it handy. It's a safe, unfailing remedy for all stomach ills, sick headache, alcoholic excesses. Contains no chloroform, opium or harmful drugs.

10c and 25c a Bottle AT YOUR DRUGGIST'S

If he can't supply you send 50c in stamps for trial size.

BROWN BROS. 128 S. Charles St., BALTIMORE. Mail orders promptly filled.

W. H. BROS. & Co., Wholesale Distributors

A WONDERFUL DISCOVERY.

In this age of research and experiment, all nature is ransacked by the scientist for the most wonderful and beneficent of man. Science has indeed made giant strides in the past century, and among the by-products of these important discoveries in medicine is that of Therapion, which has been used with great success in French hospitals and that it is worthy the attention of those who suffer from kidney, bladder, nervous chronic weakness, vision, etc. Therapion, pills, etc. there is no doubt. In fact it seems evident from the big air created amongst specialists, that THERAPION is destined to cast into oblivion all those questionable remedies that were formerly the sole reliance of medical men. It is of course impossible to tell whether all we should like to tell them in this short article, but those who would like to know more about this remedy that has effected so many—no slight achievement—cures, should send addressed envelope for FREE book to Dr. LaCiere Med. Co., Haverlock Road, Haverlock, London, Eng. and decide for themselves whether the New French Remedy "THERAPION" No. 1, No. 2 or No. 3 is what they require and have been seeking in vain during a life of misery, suffering, ill health and unquiescence. Therapion is sold by druggists or mail \$1.00. Postpaid Co., 30 Beekman St., New York.

Pimples

blackheads and oily skin may be quickly overcome by the frequent use of

Glenn's Sulphur Soap

Sold by druggists. Hill's Hair and Whisker Dye, black or brown, 50c.

FOR OLD AND YOUNG

Tutt's Liver Pills act as kindly on the child as the delicate female or infirm old age, as upon the vigorous man.

Tutt's Pills

give tone and strength to the weak stomach, bowels, kidneys and bladder.

ROSSMAN'S PILE CURE

The Standard and Reliable Remedy. Mailed on Receipt of Price, 50 cents.

G. A. MCKINSTRY

RUGGIST HUDSON, N. Y.

Readers of this paper desiring to buy anything advertised in its columns should insist upon having what they ask for, refusing all substitutes or imitations.