

Agriculturally Speaking

Blossom End Rot Is Common Problem

By L. S. HARDAGE
Blossom end rot is a common problem among tomato growers. Since there are conflicting opinions as to the cause of this disorder, many "home remedies" have surfaced on how it can be prevented or cured. Some of these remedies are good, but others have little or no relationship to the incidence of the problem.

The first symptom of blossom end rot is the appearance of a water soaked area on the blossom end of the fruit. With time, the affected area develops a sunken surface which is dark and leathery. Blossom end rot is not a disease. It is a physiological disorder caused by an inadequate supply of calcium in the tomato.

There are several factors which interfere with calcium uptake by the plant. These include: a low level of calcium in the soil which generally implies a low soil pH with some sandy soils being exceptions, excessive levels of fertilizer nutrients such as nitrogen, potassium, or magnesium, extreme variations in the soil moisture, or, a combination of these factors.

High fertilizer applications can create a "drought" condition in which plants cannot absorb enough water and nutrients from the soil. This is called salt injury. Blossom end rot is encouraged by excessive fertilizer salt levels, especially when the calcium content in the soil is low.

Therefore, to prevent blossom end rot, the soil should contain an adequate supply of calcium. This is best accomplished by an application of lime based on a soil test. Mulching helps to prevent blossom end rot by maintaining an adequate soil moisture level in the root zone. However, mulching is not a substitute for lack of calcium.

Once blossom end rot appears on the fruit there is no treatment that will reverse this disorder. However, fruit on the same plant that are not yet affected can be saved by spraying the plants with a calcium solution. Calcium chloride sprayed at the rate of four level teaspoons per gallon of water has proved very successful in controlling blossom end rot. Affected plants should be sprayed at five day intervals or until adequate calcium has been applied to the soil. Adequate soil moisture should be maintained throughout the growing season.

According to Dr. Ray Tucker, plant agronomist with the North Carolina Department of Agriculture, the potential for having blossom end rot can be determined by chemically analyzing the tomato leaves before fruit set. A critical calcium level in the plant has been established, below which one can expect blossom end rot to occur.

Obviously, the best way to prevent problems is to have your soil analyzed and then lime according to the soil test recommendations. However, a monitor of the plant leaves would be one of the best means to determine whether there is adequate calcium in the plant.

Information concerning both plant tissue analysis and soil testing can be obtained at the county extension office or by calling the N.C. Department of Agriculture, Agronomic Laboratory in Raleigh (919) 829-2655.

Monthly Meeting Held On Tuesday

By DANNY PITCHFORD
Reporter

The Three B's held their monthly meeting on Tuesday, April 27. The meeting was called to order by the president, Margaret Henderson, and the devotion was led by Tanya Ayscue and Patricia Green. The 4H Pledge was recited followed by the song, "America."

The minutes, roll and collection of dues was by the secretary, Phyllis Ayscue.

Old business consisted of collecting the monies raised during the fund raising campaign. All members present gave a report. Linda Baker reported on the 4H Share The Fun and the 4H Fashion Revue Contest.

New business was discussed with plans made for a trip in late summer. Mrs. Lucille Daniels, leader, read the "Objectives of 4H." Some of the objectives were to acquire attitudes, abilities and understanding to work well with others, to enjoy useful work responsibility and satisfaction in accomplishment, and to develop leadership talents and skills to become a better citizen.

The meeting adjourned with the 4H Motto. Refreshments were served by members and Miss Laura Davis, club leader.

Louisiana has five-cent pay telephones.

Miss Davis Is Club President

By JUDY DAVIS
Reporter
Miss Natalie Davis was installed as president of the Hecks Grove 4H Club at the regular monthly meeting held on April 24 at 7:30 p. m. at the Hecks Grove Center. Other officers installed by G. W. Koonce, 4H Agent, were Angela Davis, vice president; Ruby Baskett, secretary; Allen Alston, treasurer; Roy Alston and Leonard Heigher, parliamentarians, and Judy Davis, reporter.

Miss Davis called the meeting to order and gave the devotional.

During the business session, Victor Harrison reported that \$11.80 was received from a recent sale of glass to Laurens Glass Co. Appreciation was given Mr. William Harrison for his services in transporting the glass to be sold. Ruby Baskett reported on her participation in the County Fashion Revue and Leonard Heigher and Victory Harrison each reported on their gospel singing group participating in the County Share The Fun Contest.

The president welcomed new members who joined the club and passed out record books.

The educational program was given by the 4H Agent. He discussed lawn equipment safety. Members were asked questions on safety habits when operating and servicing mowers and were given an opportunity to share their experiences with lawnmowers.

The meeting adjourned by repeating the 4H Motto. Thirty-one members, leaders, parents, and friends were present. For recreation, the group sang, "The More We Get Together."

Delicious refreshments were served by leaders and other adults. Mrs. Betty Alston, Mrs. Mary L. Davis, Mrs. Mollie Boyd, Mrs. Mildred Fields, Mrs. Hazeline Davis and the Rev. P. G. Davis.

Ridgeway Club Holds Meeting

By MICHAEL KILIAN
The Ridgeway 4H Club held its monthly meeting on Friday, April 30. A supper for the leaders was held. It was planned by Daniel Bender, Cary Holtzman, and Beth Harris. After the supper, the regular meeting was called to order by Daniel Bender. An interesting program on gun safety was given by Richard Holtzman.

Best time to cut blooms from yard plants is in the early morning or late afternoon.



Mrs. Ada Waller (left) and Mrs. Annie B. Branch, with "Memoirs of Yesteryears" at the monthly meeting of the Franklinton Branch of N.U.W.

Franklinton Branch Meets

The Franklinton Branch of the National Association of University Women held its monthly meeting in "The Flame" West Franklin Street in Warrenton on Sunday, May 2.

The program, decor, and fellowship hour were unique with a bi-centennial accent arranged by the hostesses, Mesdames Annie B. Branche, chairman, Irene S. Robinson, co-chairman, and Ada H. Waller. Honor guests were senior citizens, Mesdames Maud Alston, Elnora S. Adams, Edgar T. Evans and Lois Smith of Franklinton.

Following the business session, a film depicting the life history of Harriet Tubman, 1820-1913, "A Champion of Freedom, Liberator, Soldier, Missionary" was enjoyed. Born a slave, she escaped the bonds of slavery in 1849, traveled by night through Maryland, Delaware, Philadelphia, New York, Canada, and made 19 trips South, rescuing more than 300 slaves and was rightfully named the "Moses of her people."

During the Civil War, she rendered invaluable service to the Union Army as spy, scout and hospital nurse. She numbered among her friends: John Brown, William Lloyd Garrison, Charles Sumner, Wendell Phillips, Parker Pillsbury, Massachusetts Governor Andrews, Frederick Douglas, and Secretary of State William H. Seward.

Other special features included a Paul L. Dunbar selection: "How Lucy Jackson

Backslid," by Edgar T. Evans, 92 years old, and Mrs. Maud Alston, age 88, showed several of her straw and corn brooms and explained steps used in making them.

Included in The Memoirs of Yesteryears were an iron wash pit, ironkettle, a large and small iron, goblet (1870), a Bible (1884), a rolling pin, a milk bottle, home made soap, and a demijohn brought by several members.

The Department of Agriculture's Forest Service manages about 187 million acres, an area equivalent to the land covered by West Virginia, Virginia, Pennsylvania, New York, Ohio, Kentucky, and North Carolina.

There are more than 100 varieties of cheese.

SOFTBALL TOURNAMENT
 Friday - Saturday & Sunday
 Starts 7:00 P.M. Fri.
Double Elimination
 Little Bombers - Defending Champs
 Oxford - Paynter's - Warren
 All-Stars - Haithcock - Lake Drive -
 Leggett's - Youngsville Braves -
 Jack's Food Market - Shop-n-Car -
 Unity - Ford Ins. - Mecklenburg
 at
John Graham High School
 Top Three Teams Will Receive Trophies.

Mrs. Hawkins Entertains Club

The Town 'N' Country Garden Club met on April 28 at the home of Mrs. Gertrude Hawkins. Mrs. C. H. Hawkins presided over the meeting.

During the business sessions various committees gave their reports. Mrs. A. M. Alston reported that she and Mrs. E. W. Harris had represented the club at the Bi-centennial Sunday held recently at the Lions Den. Mrs. S. L. Hawkins and the president rounded members of the cultural events to be held in the county during the month of May and urged members to attend.

Mrs. S. H. Brown stated that she had attended the Executive meeting of the Garden Club held in Winston Salem on April 24. She reported that the meeting was mainly on planning for the convention. Each club is to bring two items for the arts and crafts exhibit.

The theme of the month's meeting was beautification and Mrs. Alston gave a progress report of efforts the club had made in the last month to beautify the town of Warrenton.

During the social hour Mrs. Hawkins served the members a delicious buffet supper consisting of sliced ham, roast beef, potato salad, hot rolls and strawberries, strata for dessert.

Other members attending were Mrs. E. M. Brown, Mes. G. J. Egan and Mrs. M. M. Jordan.

Capps Sponsors Mountain Boy

Amos Lee Capps, Jr., Arcola Rural Station, Warrenton, is sponsoring Stafford, a 12 year old boy from the Southern Mountain, through Save the Children Federation (SCF), worldwide child help organization with headquarters in Westport, Connecticut, it was announced this week by Charles Wesley, director of SCF's Southern Mountain program.

Self help has been the keynote of all SCF's programs since its foundation in 1932, and the families and communities of disadvantaged children share in the benefits of a wide variety of projects.

The personal dimension of the sponsorship is also vital, Wesley emphasized. The sponsor receives a photograph and case history of the child, and correspondence is encouraged.

Sponsorships also may provide interest free loans to families who need additional income to achieve an adequate standard of living.

Japanese troops evacuating Christmas Island in the Indian Ocean in 1945 left behind some small arms. The island's Chinese and Malaysians decided they had had enough of war, so the story goes—the Chinese kept the rifles but gave their bolts to the Malays. In turn, the Malays kept the pistols, but gave the magazines to the Chinese.

Tuneston miners at the Pine Creek Mine in the mountains overlooking Owens Valley, California, go up to work, not down. National Geographic says: Most deposits lie above the 8,100 foot entrance level.

<p>92-6959 CINEMA HENDERSON MALL</p> <p>STARTS FRIDAY WILD ANIMAL FURY! MUSTANG COUNTRY! Plus "CRISIS" G</p> <p>COMING BIG RAD BEAR "GRIZZLY" JAWS WITH PAWS PG</p> <p>Bring Theatre Ad For 75c Off On ADULT TICKET</p>	<p>438-4617 EMBASSY COURT SQUARE</p> <p>NOW PLAYING PUNKS BEWARE! BIG TIM MITCHELL IS OUT TO GET YOU ON A "TRACKDOWN" R</p> <p>LATE SHOW FRI & SAT "CHINESE MACK" R</p>
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Shipwreck Found In Mediterranean

Remains of the oldest shipwreck ever discovered have been found off the Greek island of Dhokos.

Scientists from the Hellenic Institute of Marine Archeology located the approximately 4,500-year-old wreck in the entrance to a forgotten harbor on the small islet near Hydra. The wreck, believed to be a Cycladic trading vessel, was discovered during a survey of ancient shipwrecks in the Mediterranean conducted by the institute with a grant from the National Geographic Society.

Dated by Pottery
Archeologists from the Hellenic Institute said preliminary examination of some of the pottery recovered from the ship indicates it sank sometime between 2700 and 2200 B. C.

This would place it in the early Bronze Age, when the Greeks were beginning to create artistic pottery and statuary. The art first flourished on the Cyclades Islands, whose inhabitants prospered by exporting pottery, vases, and carved figurines.

Fragments of large storage jars found in the wreck, along with quantities of jugs of many shapes and sizes used for eating and drinking suggest the ship was a trading craft, according to archeologist George Papanthasopoulos, president of the institute.

The Cyclades islanders were the first voyagers known in the eastern Mediterranean. Examples of their pottery and sculpture have been discovered in old tombs, but the Dhokos ship may yield the greatest amount of Cycladic pottery yet found in one place.

Archeologist Peter Throckmorton, 47, of New York, known

living in Pireaus as an advisor to the institute, located the wreck in about 75 feet of water when he sailed his schooner, Stormie Seas, into the secluded harbor as part of the survey.

Mounds of Pots
"We found all these broken pots lying on the bottom near the shore," he explained. "They were cemented together in four or five massive lumps, each roughly the size of an office desk."

Underneath and around the pottery were round ballast stones from the ship. On the deserted island the archeologist and his assistant, Fred Yialouris of Maine, found a previously unknown Neolithic and Bronze Age settlement. It apparently had been occupied for about 1,500 years and then abandoned.

"We expect to postpone our other work and concentrate on surveying the wreck, so we can begin excavating it next year," he said. "We will make topographic surveys of the site on land and under water, so we can plan the excavation."

In 1960, on another expedition supported by the National Geographic Society, Mr. Throckmorton and archeologist George Bass recovered a cargo of Bronze Age artifacts from a 3,300-year-old wreck off Cape Gelidonya on the southern coast of Turkey.

Until now that had been the oldest shipwreck ever found.

"Compared with the Gelidonya wreck, it looks as though we may retrieve up to three times as much material from this ship," Mr. Throckmorton reported. "We don't expect to find any bronze or copper, as this wreck is from an earlier period, but we might find

obsidian from the island of Milos."

The archeologist said 25 pieces of pottery had been raised from the Dhokos site and that experts had definitely identified seven or eight of them as Cycladic pottery.

Well Preserved
"This site appears to be even better preserved than the Gelidonya one," he reported. "The pottery fragments we have found are larger and more complete."

He said nothing of the vessel itself had been recovered.

Book Offers Intimate Look At Supreme Court

The workings of the United States Supreme Court and an explanation of the Federal court system highlight the latest edition of "Equal Justice Under Law: the Supreme Court in American Life."

The first copy of the revised edition of the popular and authoritative book on the nation's highest court recently was presented by Dr. Melvin M. Payne, president of the National Geographic Society, to Chief Justice Warren E. Burger.

It was produced by the Society as a public service for the Foundation of the Federal Bar Association, which publishes the book.

Offered to Schools
The Bar Association Foundation has given 10,000 of the first 100,000 copies printed to the District of Columbia for use in the public schools. The book also is sold at the Supreme

adding:

"With a wreck that's been at the bottom of the sea for some 45 centuries, it's as though you took the ship and her cargo, mixed them all up in a cement mixer, then laid them out on the seabed and poured a couple of feet of concrete over everything."

The "concrete," he explained, would be the accumulation of sediment and marine encrustation. Mr. Throckmorton said preliminary mapping of the shipwreck site probably will begin later this fall.

Book Offers Intimate Look At Supreme Court

Court Building and through the Foundation at its Washington headquarters.

"This book will contribute measurably to public knowledge of the Court, its major decisions, and the Justices who have made them" Dr. Payne predicted at the presentation ceremony.

Chief Justice Burger concurred, adding that it "will enable the people of our country—and of other countries—to gain a better understanding of the role of the Supreme Court in the history of the United States.

"Equal Justice Under Law" is similar in format to other books National Geographic has prepared for the White House Historical Association and the United States Capitol Historical Society. It completes National Geographic's public service coverage of the three

major branches of government.

The first revision of the Supreme court book since 1965, it provides an informal, behind-the-scenes glimpse of the Court's activities and chronicles its stormy 185-year history.

Portraits of 100 Justices who have served on the country's highest bench are among the 270 sketches and photographs that illustrate the book.

Conference Room Shown
Included are pictures of the Court's busy press room and the first published photograph of its conference room, with briefs, memos, and working papers laid out for the jurists to review when they decide which petitions the Court will hear.

In readable, non-technical terms, the book describes 30 landmark decisions handed down by the Court. All of the cases included were selected for the revised edition by an advisory board of the Federal Bar Association Foundation.

A 29-page section, "The Court Today," was updated to include the nine Justices and 250 employees of the present Court. Added to the new edition was a six-page section that describes the 100 courts of the Federal court system and how they function.

From the Supreme Court's first session in 1790 to cases as recent and dramatic as "The United States vs. Richard M. Nixon," the book shows which judicial traditions have endured and which have been altered to reflect changing circumstances.

All royalties from the song, "God Bless America" are donated to the Boy Scouts and Girl Scouts by Irving Berlin and Kate Smith, who introduced the song in 1931.

Golden eagles are found from Alaska to Mexico and across Canada to Nova Scotia.

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