

## Control Of Potato Late Blight In Western Part North Carolina

Carl E. VanDeman, Assistant County Agent

1. Avoid cutting and planting seed potatoes having decay.
2. Spray or dust to control late blight of the vines:

Late blight occurs every year in Western North Carolina and can be controlled by spraying or dusting with fungicides. The fungicide program should start when the plants are 6 to 8 inches high and be continued at about 7-day intervals throughout the growing season. The plants should be thoroughly covered with the fungicides whether applied as dusts or sprays. In general, sprays give better control than dusts.

Dusting: Hand, tractor, or tractor-mounted dusters may be used. Those machines capable of forcefully blowing a large cloud of dust directly into the vines are most desirable. It is important to thoroughly cover all lower leaves of the plants as these remain wet longer with dew or rain. Dusts can generally be applied most efficiently in the early morning or late evening as winds are at a minimum at these times of day. The dew or early morning will aid in holding the dusts to the vines. Apply the copper dusts at about 35 to 45 pounds per acre.



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"Fixed" copper dusts containing not less than 7 per cent copper may be prepared from any of the following "fixed" copper materials. "Tribasic", "COCS" or Copper-A." The older dust material, 20-80 copper-lime dust, may also be used, but it must be applied to foliage wet with dew for satisfactory results. Two newer fungicides, Dithane Z-78 and Parzate, have given good control of late blight but are more expensive. They can be used as dusts or sprays. If used, apply according to the manufacturer's recommendations.

Spraying: Hand or power-operated sprayers may be used. Dust control is obtained with those sprayers that produce a dense fog of spray forcefully blown into the vines at 200 to 300 pounds pressure. The sprays can be applied at any time during the day. Apply the sprays at 100 to 150 gallons per acre, depending on the size of the plants. The following spray materials may be used: Bordeaux mixture, prepared by adding 8 pounds of copper sulfate (blue vitrol) plus 6 pounds of hydrated spray lime to 100 gallons of water. Agitate water while adding the chemicals. The "fixed" coppers listed under dusting can also be used as sprays by adding 4 pounds of these materials in their concentrated form (around 45 per cent metallic copper) to each 100 gallons of water.

3. Controlling late blight tuber rot:

At the last cultivation throw (lay) the soil into large ridges around the plants. This will aid in protecting the growing tubers from late blight spores as they fall or are washed to the soil from the diseased leaves on the plant. Let the vines mature and die before harvesting the potatoes.

4. Resistant varieties. A number of varieties resistant to late blight are now available, but the seed supply is limited. Two of these varieties, Essex and Kennebec, have produced well in North Carolina (Western). Essex was grown on one commercial farm in Avery county in 1949; Good yields have been obtained with Essex, but the tubers tend to be a little rough. Only a few hundred pounds of Kennebec seed will be planted in Western North Carolina in 1950, but the seed supply from Maine should be more plentiful in 1951. This variety has also yielded well in North Carolina, and the tubers are more uniform in type than are those of Essex.

## J. R. Poindexter Dies Unexpectedly

ELKIN, June 26 — James Robert Poindexter, 68, business and civic leader and one of Elkin's most widely known and best beloved citizens, died unexpectedly Saturday night at 10:45 o'clock in Hugh Chatham Memorial Hospital of a heart condition.

Mr. Poindexter had suffered previous serious heart attacks, but had been attending to his business, real estate and farm interests until he became seriously ill Friday night. His hobby was Wakefield Farm, one of the show places on Highway 21 near Elkin. He was reared in Wilkes county, near Elkin, a son of Richard Edward and Eliza Morrison Poindexter.

He had served the town of Elkin in many capacities. Some 36 years ago he established Surry Hardware Company and for many years had also dealt extensively in building materials. He was Mayor of the town for 10 years. Mr. Poindexter served as chairman of the board of directors of the Bank of Elkin for several years, resigning recently. He was also director of the board of Gilvin Roth YMCA and spent 15 years as a member of the board of Hardware Mutual Insurance Company. He was a charter member of the Elkin Merchants Association and was president of Elkin-Jonesville Building and Loan Association.

Twenty-two years ago he was married to Mrs. Mahala Ashburn Lesene, who survives. Other immediate survivors are one son,

Turner Poindexter, by a previous marriage; two grandchildren of San Pedro, Calif.; and one sister, Mrs. Annie Gray of Elkin.

## Charged With Rape, Man Waives Hearing

Raleigh.—R. L. Betts, 27, charged with assault with intent to commit rape on a 12-year-old girl, waived preliminary hearing yesterday on the charges and was bound over to Wake Superior Court for trial.

Magistrate H. A. Bland ordered Betts held in the county jail under \$5,000 bond.

The alleged assault occurred on June 19. Sheriff's Deputy Wiley Jones said the girl, a revival preacher's daughter, told him that Betts had picked her up in his truck, drove to a wooded country road and attempted to

rape her. After his arrest the following day, Betts admitted the attack, the officer said.

The number of forest fires in the United States increased approximately 11 per cent during 1949, but the total acreage burned was less than that swept by fire in 1948.

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## Scott Will Speak At East Bend 4th July Celebration

The Joseph E. Martin Jr. Post No. 336 of the American Legion at East Bend is sponsoring the third annual 4th of July celebration.

Governor W. Kerr Scott will be the main speaker for the morning program.

Troops from the 82nd Airborne Division of Ft. Bragg, Mineral Springs high school 70 piece band, the local Legion post and several floats will make up the parade that Governor Scott will lead through town at 10:00 a. m. to the school where the Governor will speak immediately after the parade.

There will be a picnic lunch on the high school ground at 12:30.

Other speakers for the day will be Joseph W. Grier, Jr., of Charlotte, Past Commander of the department of North Carolina American Legion and Reece W. Scull of Valdese a speaker in Legion circles.

On Saturday Night July 1st in the high school auditorium there will be a singing from 8 p. m. until 12 p. m. with the following singers: Levan quartet, Sunbeam quartet, Oak Ridge quartet, Crusader quartet, Draughn Trio, Carolina Rangers, Union Hill singers, and others.

## Legacy Provides Trip For Nieces

Norristown, Pa.—Victor Ritter used to think it was too bad that the only times most families get together is for funerals.

So when Ritter—a furniture dealer of nearby East Greenville—died last June 16 he left a will which set aside nearly \$4,000 to send his 12 nieces and nephews to Havana, Cuba.

Ritter stipulated in his will that any legatee who doesn't want to take the cruise must forfeit the right to a share in his \$45,000 estate.

Victor's brother, Wilson of Carlisle, Pa., said Victor reasoned this way in making his will: "The money will be spent fast, but they'll always keep the memory of it. If I gave them cash instead, they'd spend it and five years later wouldn't know what they'd used it for."

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**1:00 P. M. TO 6:00 P. M.**

## CAROLINA FISH LAKES

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## GAME LAKE TO OPEN SATURDAY JULY 1ST

Our Game Lake, which is stocked with big and small mouth Bass and Perch, will be open for your fishing pleasure Saturday, July 1st. Be among the first to fish in this Lake. We have restocked our Carp Lake this week. There has been more than 12 tons of Carp placed in these lakes this season.

**4 BIG LAKES TO FISH IN**

**\$10.00 Will Be Given Away July 4th For The Largest Fish Caught Between 7:00 A. M. and 7:00 P. M. \$5.00 for The Second Largest**