

MICHIGAN STATE COLLEGE

of Agriculture and Applied Science

EXTENSION DIVISION

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## DEWBERRY ANTHRACNOSE CONTROL

Dewberries are frequently affected seriously by anthracnose. The disease attacks the new shoots, the leaves and the fruit-bearing laterals with the result that the vigor of the plants is lowered and the yield of fruit reduced.

The results of recently completed experiments show that anthracnose can be controlled satisfactorily by means of proper spraying. The recommended treatment, based on those results, is as follows:

1. *A delayed dormant application;* when buds are one-half to three-quarters of an inch long. Use liquid lime-sulphur at the rate of 5 gallons in 100. The addition of calcium caseinate spreader at the rate of 1 pound in each 100 gallons of diluted spraying material will increase its effectiveness. If scale insects are present the lime-sulphur should be used at the rate of 12½ gallons in 100. This material may be applied most effectively after the canes are tied up to the trellises. Every portion of the canes should be covered with spraying material.

2. *A summer application;* about one week before the blooming period. Use bordeaux made in the proportion of

Copper sulphate	4 lbs.
Lump lime	8 lbs.
Water	100 gals.

If hydrated lime is used, the amount should be increased to 12 pounds. Lead arsenate powder should be added to the bordeaux at the rate of 4 pounds in each 100 gallons of spray. This should be added where the cane-borer is prevalent. Every portion of the plant-shoots, leaves and fruiting laterals should be completely covered with spraying material.

*Gain from Spraying.* The control of anthracnose, effected by the treatment outlined in the preceding paragraph, resulted, in 1924, in an increase in production of 54 sixteen-quart cases per acre. The spraying, which was responsible for this increase, cost \$6.18 per acre for materials and labor.

This bulletin presents in more condensed form the more important points covered in detail in Special Bulletin, No. 144, of the Michigan Agricultural Experiment Station. A copy may be had upon request.

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DEWBERRY ANTICORROSION CONTROL

The Dewberry Anticorrosion Control System is a comprehensive solution for protecting steel structures from corrosion. It is designed to provide long-term protection and is suitable for use in a wide range of environments. The system is applied to the surface of the steel and forms a protective film that prevents the ingress of moisture and oxygen. This film is highly resistant to chemical attack and is capable of withstanding harsh weather conditions. The Dewberry Anticorrosion Control System is a cost-effective solution for protecting steel structures and is widely used in the construction industry.

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