

COTTON - SEED TREATMENT

General Information

GENERAL INFORMATION

Dynasty CST is a broad spectrum, preventative seed treatment fungicide with systemic and contact properties recommended for the control of many important plant diseases. Dynasty CST may be applied in tank mixes, or sequentially with other registered, seed treatment products. If using Dynasty CST in a tank mixture with other seed treatment products, observe all directions for use, crops/sites, use rates, dilution ratios, precautions, and limitations, which appear on the tank, mix partner label. No label dosage should be exceeded and the most restrictive label precautions and limitations should be followed. This product should not be mixed with any product, which prohibits such mixing.

All applications should be made according to the use directions. If a rate range is specified, use higher rates of Dynasty CST when the disease pressure is expected to be high.

GENERAL USE PRECAUTIONS

Cotton may be replanted immediately after an azoxystrobin treatment. Do not plant any other crop within 45 days after the last treatment of the cotton crop with a product that contains azoxystrobin or after the planting of cotton seeds that have been treated with a product that contains azoxystrobin.

RESISTANCE MANAGEMENT

Dynasty CST is a mixture of a Group 4 (mefenoxam), a Group 11 (azoxystrobin), and a Group 12 (Fludioxonil) fungicide: Dynasty CST has three modes of action: (1) Phenylamides affects RNA Synthesis [Group 4], (2) inhibitor of the Qo (quinone outside) site within the electron transport system (QoI) as well as disrupting membrane synthesis by blocking demethylation [Group 11] and (3) a Phenylpyrrole [Group 12] fungicide. The potential for resistance to non-systemic seed treatment fungicides is extremely low. Systemic seed treatments have the ability to move through the shoot and into the growing plant. If the concentration of the systemic fungicide applied to the seed is low, the potential concentration that could move

into the plant would be minimal and would not have any impact on foliar pathogens and resistance. Low rate seed treatments can be followed by a foliar fungicide treatment with the same fungicide chemistry if it is applied at least 3 weeks after planting. Follow the resistance management guidelines for all foliar applications. For fungicide chemistry where there is documented resistance on a specific crop, use a different fungicide chemistry for the first foliar application.

Limitations, Restrictions, and Exceptions

COTTON

For Black Root Rot control (*Thielaviopsis basicola*), use Dynasty CST in combination with products containing the active ingredient myclobutanil. Use labeled rates for application as a seed treatment.

Method

[Seed Treatment](#)

Rates

[field_rates 0](#)

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Restricted Entry Interval

48 hours

Exception: If the seed is treated with the product and the treated seed is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

Timings

[N.A.](#)