

Product Name: VIBRANCE CST FUNGICIDE SEED TREATMENT
APVMA Approval No: 85035/112135



Label Name:	VIBRANCE CST FUNGICIDE SEED TREATMENT
Signal Headings:	CAUTION KEEP OUT OF REACH OF CHILDREN READ SAFETY DIRECTIONS BEFORE OPENING OR USING
Constituent Statements:	75 g/L AZOXYSTROBIN 75 g/L METALAXYL-M 35 g/L SEDAXANE 12.5 g/L FLUDIOXONIL
Mode of Action:	GROUP 4 7 11 12 FUNGICIDE
Statement of Claims:	For the control of seedling Damping-off caused by <i>Pythium</i> spp. and <i>Rhizoctonia solani</i> in Cotton
Net Contents:	100 - 1000 L
Restrains:	
Directions for Use:	Please see attached document
Other Limitations:	
Withholding Periods:	WITHHOLDING PERIODS Harvest: NOT REQUIRED WHEN USED AS DIRECTED

Grazing: DO NOT ALLOW LIVESTOCK TO GRAZE TREATED COTTON CROP, STUBBLE OR GIN TRASH

Trade Advice:

General Instructions:

GENERAL INSTRUCTIONS

VIBRANCE CST is a mixture of azoxystrobin, fludioxonil, sedaxane and metalaxyl-M as a suspension concentrate formulation for seed treatment. It combines four different modes of action providing disease protection to seeds, roots and young seedlings.

Application

The product should be applied diluted with water in specialised seed treatment equipment. As for all such seed treatments, a good flow and metering system for the initial prepared solution is important. Depending on the type of seed treatment equipment, it may be necessary to increase the recommended amount of water slightly in order to ensure an optimal flow of the solution and an even treatment of seed.

Prepare the solution as follows:

1. Fill the solution tank with the required volume of water and mix with the appropriate volume of VIBRANCE CST. Total volumes of not less than 500 mL nor more than 1.2 L water/100 kg of seed are recommended when VIBRANCE CST is applied alone. If additional seed treatments are applied in combination with VIBRANCE CST a higher total application volume may be required to ensure even coverage of seed.

2. Switch on the stirring system and stir.

The prepared solution must be used within 1 week.

Resistance Warning:

Fungicide Resistance Warning Group 4 7 11 12 Fungicide

VIBRANCE CST Fungicide Seed Treatment is a combination of a strobilurin, carboxamide, phenylamide, and phenylpyrrole fungicide. For fungicide resistance management VIBRANCE CST is a Group 4, Group 7, Group 11 and Group 12 fungicide. Some naturally occurring individual fungi resistant to VIBRANCE CST and other Group 4 and/or Group 7 and/or Group 11 and/or Group 12 fungicides may exist through normal genetic variability in any fungal population. The resistant individuals can eventually dominate the fungi population if these fungicides are used repeatedly. The resistant fungi will not be controlled by VIBRANCE CST and other Group 4 and/or Group 7 and/or Group 11 and/or Group 12 fungicides, thus resulting in a reduction in efficacy and possible yield loss. Since the occurrence of resistant fungi is difficult to detect prior to use, Syngenta Australia Pty Ltd accepts no liability for any losses that may result from the failure of VIBRANCE CST to control resistant fungi.

Precautions:

PRECAUTION

DO NOT use treated seed for animal or human consumption.

DO NOT allow treated seed to contaminate grain or other seed intended for animal or human consumption.

DO NOT feed treated seed, or otherwise expose, to wild or domestic birds. Any spillage of treated seed which occurs either during the seed treatment process or in the field operations must be cleaned up immediately, preferably by recovery and re-use. If disposal is required, ensure treated seeds are thoroughly buried and not accessible to birds and other wildlife.

When treated seed is stored it should be kept apart from other grain and the bags or other containers should be clearly marked to indicate the contents have been treated. Bags which have held treated seed should not be used for any other purpose.

Protections:

PROTECTION OF LIVESTOCK

DO NOT feed treated seeds to animals, including poultry.

DO NOT allow seed treated with this product to contaminate feed intended for animal consumption.

PROTECTION OF WILDLIFE, FISH, CRUSTACEANS AND ENVIRONMENT

Very toxic to aquatic life. DO NOT contaminate wetlands or watercourses with this product or used containers or bags which have held treated seeds.

Storage and Disposal:

STORAGE AND DISPOSAL

Store in the closed, original container in a cool, well ventilated area. DO NOT store for prolonged periods in direct sunlight.

Non-returnable containers

Triple-rinse containers before disposal. Add rinsings to slurry in auger/mixer. Do not dispose of undiluted chemicals on site. If recycling, replace cap and return clean containers to recycler or designated collection point. If not recycling, break, crush, or puncture and deliver empty packaging to an approved waste management facility. If an approved waste management facility is not available, bury the empty packaging 500 mm below the surface in a disposal pit specifically marked and set up for this purpose, clear of waterways, desirable vegetation and tree roots, in compliance with relevant local, state or territory government regulations. Do not burn empty containers or product.

Refillable containers

Empty contents fully into application equipment. Close all valves and return to point of sale for refill or storage.

Safety Directions:

Harmful if swallowed. May irritate eyes and skin. Avoid contact with eyes and skin.

When opening the container, preparing the product for use, and using the product, wear cotton overalls buttoned to neck and wrist (or equivalent clothing), elbow-length chemical resistant gloves and face shield. Wash hands after use. After each day's use, wash gloves, face shield and contaminated clothing.

First Aid Instructions:

FIRST AID

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone 131 126.

First Aid Warnings:

DIRECTIONS FOR USE

Crop	Disease	Rate	Critical Comments
Cotton	Damping-off caused by <i>Pythium</i> spp., <i>Rhizoctonia solani</i>	200 mL/100 kg seed	Apply diluted with water to clean seed before sowing. Further instructions on mixing and appropriate water volumes is included in general instructions. This seed treatment should be used as part of an integrated strategy to control seedling disease.

NOT TO BE USED FOR ANY PURPOSE, OR IN ANY MANNER, CONTRARY TO THIS LABEL UNLESS AUTHORISED UNDER APPROPRIATE LEGISLATION