

# ColorStar Plus

19-13-6

## Fertilizer and Systemic Fungicide for Ornamentals

EPA Reg. No. 51274-1

EPA Est. No. 51274-TX-1

### GUARANTEED ANALYSIS

TOTAL NITROGEN (N) .....	19.00%
2.00% Ammoniacal Nitrogen	
1.20% Nitrate Nitrogen	
1.50% Urea Nitrogen	
4.30% Slowly Available Water Soluble Nitrogen**	
10.00% Water Insoluble Nitrogen**	
AVAILABLE PHOSPHATE (P2O5) .....	13.00%
SOLUBLE POTASH (K2O) .....	6.00%
CALCIUM (Ca) .....	1.00%
MAGNESIUM (Mg) .....	0.50%
SULFUR (S) .....	1.00%
1.00% Combined Sulfur (S)	
COPPER (Cu) .....	0.05%
IRON (Fe) .....	1.50%
MANGANESE (Mn) .....	0.10%
ZINC (Zn) .....	0.05%

Derived from: Ureaforn formaldehyde, ammonium phosphate, blood meal, bone meal, potassium nitrate, potassium sulfate, iron (II) sulfate, zinc (II) sulfate, copper (II) sulfate, manganese (II) sulfate, calcium (II) sulfate, ferrous sulfate monohydrate. \*\* 14.30% Slowly Available Nitrogen from urea formaldehyde from methylenedurea and dimethylenetriurea, bone and blood meal

Non Plant Food Ingredients:

Humic Acid..... 0.10%

Inert Ingredients..... 0.025%

**ACTIVE INGREDIENT**

Thiophanate-methyl(dimethyl4,4'-o-phenylenebis[3-thioallophanate])..... .20%

**OTHER INGREDIENTS**..... 99.80%

**TOTAL:**..... 100.00%

### PRODUCT INFORMATION

Colorstar Plus is a fertilizer and broad-spectrum fungicide for use on a wide variety of ornamental flowers.

### USE PRECAUTIONS

- Do not apply this product through any type of irrigation system.
- This product is not guaranteed to be compatible with any other pesticides.

### RESISTANCE MANAGEMENT

In order to prevent the development of tolerant strains of fungi, Colorstar Plus should only be used with other fungicides that use different modes of action. Nelson Plant Food does NOT recommend using Colorstar Plus with products containing the active ingredient thiabendazole because thiabendazole has a similar chemistry and mode of action and can contribute to the development of disease tolerance. Colorstar Plus can remain useful for disease control as long as specified precautions are followed. A tolerant strain of fungi may be present if a Colorstar Plus treatment is found to be ineffective and you should promptly contact your State Agricultural Experiment Station or State Cooperative Extension Service for disease identification and advice on other suitable fungicide or disease control strategies.

### Directions for Use

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

### HORTICULTURAL APPLICATIONS

ColorStar Plus is a fertilizer and contains a broad spectrum systemic fungicide for control of soil borne diseases affecting bulbs, corms, rhizomes, roots, crowns, and stems caused by:

- *Botrytis*
- *Cylindrocladium*
- *Gliocladium*
- *Myrothecium*
- *Ramularia*
- *Rhizoctonia*
- *Thielaviopsis*

ColorStar Plus may be used on annual and perennial flowers, bedding plants, foliage plants, ground covers, and deciduous and evergreen trees and shrubs found in Nursery, Greenhouse, Interiorscape, and Landscape sites. When using this product for commercial horticultural applications, be sure to follow the guidelines in the Product Information Section following.

# KEEP OUT OF REACH OF CHILDREN

## CAUTION

### PRECAUTIONARY STATEMENTS

#### HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION- Causes moderate eye injury (irritation). Avoid contact with eyes or clothing. Prolonged or repeated skin contact with product may cause allergic reactions in some individuals. Wear protective eyewear such as safety glasses, goggles or face shield. Wash thoroughly with soap and water after handling and before eating, drinking, and chewing gum, using tobacco or using the toilet.

#### ENVIRONMENTAL HAZARDS

This product has low solubility in water. At the limits of solubility, this product is not toxic to fish. However, at concentrations above the level of water solubility, it may be toxic to fish. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Drift and runoff from treated areas may be hazardous to aquatic organisms in adjacent sites. Do not contaminate water when disposing of equipment washwaters.

#### PERSONAL PROTECTIVE EQUIPMENT (PPE)

Some materials that are chemical-resistant to this product are barrier laminate, butyl rubber  $\geq$  14 mils, nitrile rubber  $\geq$  14 mils, and neoprene rubber  $\geq$  14 mils. If you want more options, follow the instructions for category A on an EPA chemical-resistance category selection chart.

Loaders, applicators and other handlers must wear:

- Long-sleeved shirt and long pants,
- Shoes plus socks,
- Chemical-resistant gloves are required for applicators using hand held equipment

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry. Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them.

#### USER SAFETY RECOMMENDATIONS:

##### Users Should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

Engineering Controls: When handlers use closed systems or enclosed cabs in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

#### FIRST AID

IF IN EYES:	<ul style="list-style-type: none"> <li>Hold eye open and rinse slowly and gently with water for 15-20 minutes.</li> <li>Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
IF ON SKIN OR CLOTHING:	<ul style="list-style-type: none"> <li>Take off contaminated clothing.</li> <li>Rinse skin immediately with plenty of water for 15-20 minutes.</li> <li>Call a poison control center or doctor for treatment advice.</li> </ul>
IF INHALED:	<ul style="list-style-type: none"> <li>Move person to fresh air.</li> <li>If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible.</li> <li>Call a poison control center or doctor for further treatment advice.</li> </ul>

#### HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also SafetyCall (866)897-8050 for emergency medical treatment information.

For spill or transportation emergencies call CHEMTREC (1-800-424-9300).

### USE PRECAUTIONS

- This product is not recommended for use on Swedish Ivy (*Nephrolepis exaltata*), Boston Fern (*Plectranthus australis*), and Easter Cactus (*Hatiora gaertneri*).
- Do not apply to home orchards / fruit trees after fruit set.
- For ground applications, do not exceed 300 pounds active ingredient from ALL thiophanate-methyl containing products per acre per crop season.
- For cut flowers, the maximum application rate is 0.5 pounds active ingredient per acre per application.
- Because it is impossible to test this product on all species and cultivars, a preliminary trial on a small scale is recommended before a full treatment is applied to any plant type not shown on this label. When conducting the trial, wait 5-7 days after treatment to evaluate results.

### ENVIRONMENTAL HAZARDS

Do not apply directly to water, or areas where surface water is present or to intertidal areas below the mean high water mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment wash water.

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any other requirements specific to your State or Tribe, consult the agency responsible for pesticides.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific statements and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted entry interval (REI). The requirements in this box apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls over long-sleeved shirt and long pants,
- Chemical-resistant gloves made of any waterproof material,
- Chemical-resistant footwear plus socks,
- Chemical-resistant headgear for overhead exposure

### NON-AGRICULTURAL USE REQUIREMENT

The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

### ANALYSIS GUARANTEED BY:

Nelson Plant Food Corp

P.O. Box 638

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**NET WEIGHT: 25 lb / 11.34 kg**