

# ColorStar Plus

19-13-6 Fertilizer and Systemic Fungicide for Ornamentals

For plant nutrition and the prevention and control of diseases of annual and perennial flowers, bedding plants, foliage plants, ground covers, plus deciduous and evergreen trees and shrubs.

**ACTIVE INGREDIENT**

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

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

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

### GUARANTEED ANALYSIS

**Total**

Nitrogen(N).....	19.000%
Available Phosphate (P <sub>2</sub> O <sub>5</sub> ).....	13.000%
Soluble Potash (K <sub>2</sub> O).....	6.000%
Calcium (CA).....	3.400%
Magnesium (Mg).....	0.800%
Sulfur (S).....	0.550%
Copper (Cu).....	0.30%
Iron (Fe).....	3.00%
Manganese (Mn).....	0.125%
Zinc (Zn).....	0.050%
Bone and Blood Meal.....	19.000%

**ACCEPTED**  
**with COMMENTS**  
**In EPA Letter Dated**  
**JAN 07 200**

**Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.**  
51274-1

**KEEP OUT OF REACH OF CHILDREN  
CAUTION**

<b>FIRST AID</b>	
<b>If In Eyes</b>	<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.</li> <li>• Call a poison control center or doctor for treatment advice.</li> </ul>
<b>If on skin or clothing</b>	<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>
<b>If inhaled</b>	<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>
<b>HOT LINE NUMBER</b>	
<p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact SafetyCall (866) 897-8050 for emergency medical treatment information.</p>	

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

**EPA Reg. No. 51274-**

**EPA Est. No. 51274-TX-01**

Nelson Plant Food  
P.O. Box 638  
Bellville TX 77418

**Net Weight: 11 lbs.**

**PRECAUTIONARY STATEMENTS  
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

CAUTION – Harmful if inhaled or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Avoid breathing dust. Remove contaminated clothing and wash before reuse. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**

Some materials that are chemical-resistant to this product are barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, and neoprene rubber ≥ 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, 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.

**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.

**DIRECTIONS FOR USE**

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, and 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

Notify workers of the application by warning them orally and by posting warning signs at entrances to treated areas.

**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.

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**COMMERCIAL APPLICATIONS**

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**GENERAL 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 recommended 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 effecting bulbs, corms, rhizomes, roots, crowns, and stems caused by:

- *Botrytis*
- *Gliocladium*
- *Ramularia*
- *Thielaviopsis*
- *Cylindrocladium*
- *Myrothecium*
- *Rhizoctonia*
- *Fusarium*
- *Penicillium*
- *Sclerotinia*

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 General Information Section above.

**USE PRECAUTIONS**

- This product is not recommended for use on Swedish Ivy (*Nephrolepis exhalta*), 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.

**Application Instructions**

**General application on landscape beds of flowers:**

**Apply ColorStar Plus at the following rates:**

Spacing between flowers	Rate of ColorStar
6 inches	8 pounds per 100 square feet
8 inches	7 pounds per 100 square feet
10 inches	6 pounds per 100 square feet
12 inches	5 pounds per 100 square feet

**Broadcast evenly over entire root zone of plants. Water thoroughly after application.**

**For Plants Growing in a Container**

**Wear gloves when applying. Incorporate ColorStar Plus into soil around plant.**

- Apply Colorstar Plus at the following rates:

Container Size	Amount of Product

4- inch	1 teaspoon (0.17 oz)
6-inch	1.5 teaspoons (0.25 oz)
1 gallon	1 tablespoon (0.5 oz)
5 gallon	¼ cup (2.0 oz)
10 gallon	3/8 cup ( 3.0 oz)
15 gallon	½ cup (4.0 oz)

**Water thoroughly after application.**

**For Individual Plants in Landscape**

**Wear gloves when applying. Incorporate ColorStar Plus into soil around plant root zone**

Apply Colorstar Plus at the following rates:

<b>Container Size</b>	<b>Amount of Product</b>
4- inch	2 teaspoon (0.34 oz)
6-inch	3 teaspoons (0.50 oz)
1 gallon	2 tablespoon (1.0 oz)
5 gallon	1/2 cup (4.0 oz)
10 gallon	3/4 cup ( 6.0 oz)
15 gallon	1cup (8.0 oz)

**Water thoroughly after application.**

**For Transplanting**

Mix 1 pound of Colorstar Plus per cubic foot of planting media. Transplant as usual. Water thoroughly after application.

**STORAGE AND DISPOSAL**

Do not contaminate water, food, or feed by storage or disposal.

**PESTICIDE STORAGE:** Store in the original container in a dry, temperature controlled area. Do not store in a manner where cross-contamination with other pesticides, fertilizers, food or feed could occur. If spilled during storage or handling, contain/re-capture spillage and use in accordance with instruction below or dispose of in accordance with the Pesticide Disposal Instructions listed below.

**PESTICIDE DISPOSAL:** Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Nonrefillable container. Do not reuse or refill this container. When bags are empty, they may be disposed of in a sanitary landfill, or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

**WARRANTY STATEMENT**

Nelson Plant Food Corporation warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for purposes stated on such label only when used in accordance with directions under normal use conditions. It is impossible to eliminate all risks inherently associated with use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Nelson Plant Food Corporation. To the extent allowed by law, Nelson Plant Food Corporation shall in no event be liable for consequential, special, or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the Buyer. Except, as expressly provided herein, Nelson Plant Food Corporation makes no warranties, guarantees, or representations of any kind, either expressed or implied, or by usage of trade, statutory or otherwise, with regard to the product sold, including, but not limited to merchantability, fitness for a particular purpose, use or eligibility of the product for any particular trade usage. The exclusive remedy of any buyer or user of this product for any and all losses, injuries, or damage resulting from or in any way arising from the use, handling, or application of this product, whether in contract, warranty, tort, negligence, strict liability, or otherwise, shall be damages not exceeding the purchase price paid for this product or, at Nelson Plant Food Corporation election, the replacement of this product.