

HICURE[®] Biostimulant 11-0-0

GUARANTEED MINIMUM ANALYSIS:

| | |
|--|---------|
| Total Amino Acids | 60% |
| Total Nitrogen (N) | 11% |
| Iron (actual)..... | 0.0042% |
| Ethylenediamine-N-N-bis (2-hydroxyphenylacetic acid) (EDDHA chelating agent) | 0.0237% |

Caution: This product contains iron and should be used only as recommended. It may prove harmful if misused.

REGISTRATION NUMBER: **2024021M**
FERTILIZERS ACT

NET CONTENTS: **1 - 20 L (1.27 - 25.4 kg)**

LOT NUMBER :
EXPIRY DATE :

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1.0 DIRECTIONS FOR USE

HICURE® Biostimulant 11-0-0 is a liquid plant biostimulant based on amino acids and peptides. Amino acids and peptides are used by the plant for the creation of proteins which are essential components for plant growth and development. HICURE Biostimulant 11-0-0 supports natural processes in the plant enhancing plant performance in general and especially under abiotic stress conditions. All components of HICURE Biostimulant are of natural origin.

2.0 CROP SPECIFIC INFORMATION

Turf: Application of HICURE Biostimulant 11-0-0 in a program can enhance turf growth, quality, and recovery during periods of abiotic stress.

For optimum turf quality HICURE Biostimulant 11-0-0 should be used in conjunction with turf management practices that promote good turf health. Best results will be obtained when HICURE Biostimulant 11-0-0 is applied at regular intervals starting prior to periods of stress. Use higher rates when greater stress is expected.

Timing: HICURE Biostimulant 11-0-0 can be applied throughout the year and can be applied at any growth stage of the turf. Apply after mowing.

This product may not provide all nutrients required and should be used as part of a complete fertilization program, based on soil testing or this product should not be used on newly seeded lawns, recently laid sod, or on lawns or turf subjected to diseases or environmental stresses. This product may be suitable for established lawns and turf (greater than 2 years old) when soil phosphorus concentrations are high.

Ornamentals: Application of HICURE Biostimulant 11-0-0 in a program can enhance plant growth, quality, and recovery during periods of abiotic stress.

For optimum plant quality HICURE Biostimulant 11-0-0 should be used in conjunction with agronomic management practices that promote good plant health. Best results will be obtained when HICURE Biostimulant is applied at regular intervals starting prior to periods of stress.

Timing: HICURE Biostimulant 11-0-0 can be applied throughout the year and can be applied at any growth stage. Best results will be achieved with regular treatments with the recommended dose (see table).

| Crop | Cultivation method | Treatment type | Dose (product) per treatment | Water volume | Recommended interval (days) |
|---|--------------------|---------------------------|------------------------------|-----------------------------------|-----------------------------|
| Turf | Outdoors | Foliar application | 10 - 20 L/ha | 250 - 500 L/ha | 14 - 28 |
| Potted plants | Indoors | Foliar application | 0.125% (125 mL/100 L water) | 1000 L/ha | 5 - 7 |
| | | | 0.25% (250 mL/100 L water) | 1000 L/ha | 10 - 14 |
| | | Drench | 0.25% (250 mL/100 L water) | Drench with 10% of pot volume | 10 - 14 |
| Cut flowers (before harvest application only) | Indoors | Foliar application | 0.125% (125 mL/100 L water) | 1000 L/ha | 5 - 7 |
| | | | 0.25% (250 mL/100 L water) | 1000 L/ha | 10 - 14 |
| | | Soil treatment/irrigation | 2.5 L/ha | - | 10 - 14 |
| Cut flowers (before harvest application only) | Outdoors | Foliar application | 1.25 L/ha | 400 L/ha | 5 - 7 |
| | | | 2.5 L/ha | 400 L/ha | 10 - 14 |
| | | Soil treatment | 2.5 L/ha | - | 10 - 14 |
| Tree nursery and perennials | Indoors | Foliar application | 0.125% (125 mL/100 L water) | 1000 L/ha | 5 - 7 |
| | | | 0.25% (250 mL/100 L water) | 1000 L/ha | 10 - 14 |
| | | Drench | 0.25% (250 mL/100 L water) | Drench with 10% of the pot volume | 10 - 14 |
| Tree nursery and perennials | Outdoors | Foliar application | 1.25 L/ha | 400 L/ha | 5 - 7 |
| | | | 2.5 L/ha | 400 L/ha | 10 - 14 |
| | | Soil treatment | 2.5 L/ha | - | 10 - 14 |
| Bulb flowers | Outdoors | Foliar application | 1.25 L/ha | 400 L/ha | 5 - 7 |
| | | | 2.5 L/ha | 400 L/ha | 10 - 14 |
| | | Soil treatment | 2.5 L/ha | - | 10-14 |

HICURE Biostimulant 11-0-0 has been successfully used at the recommended doses on a range of species and cultivars without crop damage. However, because of the large number of species

and cultivars of ornamentals, the cultivar susceptibility should always be checked by treating a small number of plants before treating larger areas.

3.0 MIXING AND APPLICATION

HICURE Biostimulant 11-0-0 is suitable for soil applications as well as foliar. It can be applied with all kinds of application devices. When applying through an irrigation system, avoid high water volumes in order to allow an optimal availability for the plant.

Make sure the sprayer is clean and set to give an even application at the correct volume and an even deposit. Half fill the spray tank with clean water and commence agitation. Add the required quantity of HICURE Biostimulant 11-0-0 to the spray tank. Complete filling to the required volume and continue to agitate throughout the spraying operation. Do not leave the spray liquid in the sprayer for long periods (such as during meal breaks or overnight). Make up only the amount of spray required for immediate use. Thoroughly wash all spray equipment with water immediately after use.

Mixing with other products:

HICURE Biostimulant 11-0-0 can be tank mixed with a variety of products including fertilizers and most crop protection products. Do not use HICURE Biostimulant 11-0-0 in combination with mineral oils, sulphur, or copper containing products as this can cause serious crop damage.

Do not tank mix with more than two other products.

When using HICURE Biostimulant 11-0-0 in combination with other products, cultivar susceptibility should always be checked by treating a small number of plants before treating larger areas.

This product may be tank mixed with pesticides. In some cases, tank mixing with pest control products can result in reduced pesticide efficacy or increased host crop injury. The user should contact the company responsible for the pest control product before applying any tank mix. A jar test is recommended before mixing with other fertilizers or pesticides.

4.0 PRECAUTIONS

Keep out of the reach of children.

Keep away from food, drink and animal feeding stuffs.

Avoid contact with skin and eyes. When using do not eat, drink or smoke.

Wear gloves and appropriate eye protection during mixing, loading, application, clean-up and repair.

Do not contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

5.0 FIRST AID

IN CASE OF POISONING, contact a doctor or a poison control centre **IMMEDIATELY**. Take container, label, Safety Data Sheet, or product name and CFIA Registration Number with you when seeking medical attention.

If swallowed, call a poison control centre or doctor **IMMEDIATELY** for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

If on skin or clothing, take off contaminated clothing. Rinse skin **IMMEDIATELY** with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

If inhaled, move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

If in eyes, hold eye open and rinse slowly and gently with water for 15–20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. Call a poison control centre or doctor for treatment advice.

6.0 STORAGE

The product is stable five years from the date of manufacture if stored at temperatures between 4°C and 30°C. Lower temperatures can increase the viscosity of the product. Keep containers tightly closed in a dry, cool and well-ventilated place, away from direct light.

7.0 DISPOSAL

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

For Recyclable Containers

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsate to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

8.0 ACKNOWLEDGEMENT

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***IN CASE OF EMERGENCY INVOLVING A MAJOR SPILL, FIRE OR POISONING,
CALL 1-800-327-8633***

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