



## **Utrisha™ N**

**NUTRIENT EFFICIENCY BIOSTIMULANT**

**Biofertilizer based on an exclusive nitrogen-fixing microbial strain**

**CONTAINS NONPLANT FOOD INGREDIENT(S)**

**GUARANTEED MINIMUM ANALYSIS:** *Methylobacterium symbioticum* SB23,  $3 \times 10^7$  CFU/g.

**Registration Number 2021931S *Fertilizers Act***

READ ALL DIRECTIONS CAREFULLY BEFORE APPLYING.

**Net Weight XXXkg**

Lot number: see packaging. | Manufacturing date: see packaging. | Expiry date: see packaging.

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**For Chemical Emergency Call 1-800-667-3852.**



## GENERAL INFORMATION

Utrisha™ N ensures an effective and controlled natural supply of nitrogen to the crop based on a nitrogen-fixing bacteria strain. Utrisha N contains the exclusive strain of *Methylobacterium symbioticum* SB23, characterized by high atmospheric nitrogen-fixing capacity and is suitable for agricultural and precision systems. Its presence inside the leaves enables it to efficiently fix atmospheric nitrogen, contributing this macronutrient, essential for vegetative and growth, to the plant in a natural and controlled way.

## DIRECTIONS FOR USE

Utrisha N is a wettable powder formulation that contains the exclusive strain of *Methylobacterium symbioticum* SB23. Foliar applications of *Methylobacterium symbioticum* SB23 from Utrisha N can result in improved crop yield.

## RECOMMENDATIONS FOR FOLIAR APPLICATIONS

| Crops   | Application Rates (g/ha) | Time of application**  |
|---|--------------------------|--|
| Cereals and grain crops   |                          |  |
| Rice, winter and spring cereals, mustard, canola and rapeseed   | 333                      | Apply between 4 leaf stage to the first detectable node in grass crops or rosette stage in broadleaf crops<br><br>(BBCH 14 and 31) |
| Cotton, grain legumes and pulse crops   |                          | Apply between 3 leaf stage to early branch development)<br><br>(BBCH 13 and 20)  |
| Sunflower, corn, soybeans, and sorghum  |                          | Apply between 4 to 8 leaf stage<br><br>(BBCH 14 and 18)  |
| Horticultural crops   |                          |  |
| Chard, garlic, artichoke, celery, broccoli, onion, green onions, cabbage, cauliflower, escarole, white asparagus, green asparagus, spinach, pea, broad bean, fennel, lettuce, melon, leek, radish, Romanesco, watermelon, beet, sugar beet and carrot | 333                      | Apply between 4 leaf stage to beginning of tillering/branch development<br><br>(BBCH 14 and 20)                                    |
| Potato  |                          | Apply between 4 leaf stage to flower bud appearance  |
| Strawberry  |                          | Apply between 5 leaf stage to beginning of flowering<br><br>(BBCH 15 and 61)   |

|   |     |  |
|---|-----|--|
| Eggplant, zucchini, cucumbers, peppers, pepper for paprika and tomatoes |     | Apply between 4 leaf stage to flower bud appearance<br><br>(BBCH 20 and 51)                      |
| <b>Woody crops</b>  |     |  |
| Nut trees, stone fruits trees and pome fruits trees                     | 333 | Apply during stem elongation growth stage<br><br>(BBCH 31 and 39)                                |
| Ornamental trees and shrubs   |     | Apply during stem elongation growth stage.<br>Tree or plant must be in an active growing stage.  |
| Grapes  |     | Apply between 5 leaf stage to middle stages of fruit development<br><br>(BBCH 15 and 75)         |
| <b>Rangeland &amp; Permanent Pasture</b>                                |     |  |
| Rangeland species, permanent pasture crops                              | 333 | Align with top dressing fertilizer application timing, crops must be in an active growing stage. |
| <b>Turf grass and Ornamental Plants</b>                                 |     |  |
| Turf grass species  | 333 | Align with top dressing fertilizer application timing, crops must be in an active growing stage. |
| Annual ornamental plants species  | 333 | Apply between 4 leaf stage to beginning of flowering.  |
| Perennial ornamental plant species                                      | 333 | Apply during stem elongation growth stage.<br>Plant must be in an active growing stage.          |

\* For other crops and/or more information, consult your company representative for further information. \*\* The BBCH indications are approximate and may vary according to the edaphoclimatic conditions and agricultural practices. It is recommended to apply close to the top-dressing fertilization application time, if applicable. For fall-planted crops, spray when the crop resumes growth after winter dormancy.

### SPRAY SOLUTION VOLUME

Dissolve product in a water volume of 10 L/ha or greater and apply with a suitable system for foliar application.

### CROP STATUS

Good nutritional and growth status. **For best results**, apply in early morning when leaf stomata (pores) are open.

### COMPATIBILITY

Utrisha N has been tested in a mixture with various phytosanitary products, fertilizers, crop protection products and adjuvants. For more information on compatibility, contact your company representative.

### RAINFAST

Utrisha N is rainfast 1 hour after application. Otherwise, repeat the application.

## INCOMPATIBILITY

Do not apply to crops that are affected by soil salinity, water stress, frost, pests and diseases, poor nutrition, and other adverse factors. A combined application with chlorinated products, waters (> 1 ppm Cl-), and phytosanitary products that contain them is not recommended. For incompatibility with other products, contact your company representative for additional information.

**pH:** do not apply in solutions with a pH less than 5 or greater than 8.

## STORAGE AND DISPOSAL

### STORAGE CONDITIONS

Keep the product in a well-ventilated place. Store at room temperature, do not exceed temperatures of 30 °C. Keep the product hermetically closed. Single Use Only.

### DISPOSAL CONDITIONS

Rinse container thoroughly. Add washings to the tank. Empty packaging should be disposed of according to local requirements.

Information regarding the content and level of metals in this product is available on the internet at <http://www.aapfco.org/metals.html>

## PRECAUTIONS

### KEEP OUT OF REACH OF CHILDREN

**Contains microorganisms. May cause allergic reactions.**

Avoid breathing dust. Do not get in eyes, on skin, or on clothing.

Do not eat, drink or smoke when using this product.

Wear protective gloves, goggles and protective mask. Wash hands thoroughly after handling.

Collect spillage. **Contains microorganisms. May cause allergic reactions.**

The use of respiratory protection equipment (disposable respirator or filter mask, at least EN 149 FFP3 or equivalent) is recommended when handling the preparation or applying the product.

Call a POISON CENTRE if you feel unwell.

Store in a well-ventilated place. Keep container tightly closed.

## FIRST AID

**If on skin:** Wash with plenty of water and soap. If skin irritation occurs: Get medical treatment advice.

**If in eyes:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice.

**If swallowed:** Rinse mouth. Do NOT induce vomiting.

**If experiencing respiratory symptoms:** Call a doctor.

If medical advice is needed have product container or label at hand. Treat symptoms. Call a doctor if you feel unwell. Have product container or label at hand.

**DO NOT LEAVE THE PATIENT ALONE.**

## ENVIRONMENTAL RISK MITIGATION

Avoid contaminating surface water and waterways.

Do not clean the application vessel/tank near surface water.

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Label Code: CN-2021931S -002

Replaces: CN-2021931A -001

## Specimen Label Notes

Major Amendment: Added mustard and pulse crops, beet, sugar beet , Ornamental trees and shrubs, Rangeland species, permanent pasture crops, Turf grass species, Annual ornamental plants species, Perennial ornamental plant species, Deleted Olive trees and citrus trees, Changed spray solution volume