

Utrisha™ N

NUTRIENT EFFICIENCY
BIOSTIMULANT



Biostimulant
Foliar



Key Information

- **Crops*:** canola, cereals, corn, soybeans, potatoes
- **Ingredients:** exclusive nitrogen-fixing microbial strain, Methylobacterium symbioticum
- **Foliar rate:** 135 g/ac (40 ac/bag)
- **Timing:** canola, cereals, corn 4 leaf stage until pre-senescence; soybeans 3 leaf stage until pre-senescence; potatoes during active growth; for best results apply in early morning when leaf stomata are open
- **Product size:** 1 case – 2 x 5.39 kg bags
- **Water volume:** ground – minimum 40 L/ac (10 US gal/ac)

Utrisha™ N Nutrient Efficiency Biostimulant Features and Benefits:

- Maximizes crop potential by increasing nitrogen availability, resulting in **healthier and more resilient plants**.
- **Compliments and diversifies a conventional nitrogen fertilizer program** by providing nitrogen at critical times during the plant's life cycle.
- **The simplest way to provide supplemental nitrogen**, giving you the peace of mind that your crop can continue to be its most productive.
- Contains a natural bacteria, providing a sustainable source of nitrogen that **reduces dependency of nitrogen uptake from the soil**.

Give Your Crop The Nitrogen It Needs, When It Needs It.

Utrisha™ N maximizes crop potential – utilizing natural bacteria to capture and supply nitrogen to plants when they need it most.

Utrisha N is a nutrient efficiency biostimulant. The natural bacteria, methylobacterium symbioticum, fixes nitrogen from the air and converts it for the plant. Utrisha N enters the plant through the stomata and colonizes in the leaf cells. It then converts N₂ from the air into ammonium, resulting in a constant supply of nitrogen to the plant.

No plant energy is required for this process.

Utrisha N provides a sustainable, alternative source of nitrogen that reduces dependency of nitrogen uptake from the soil and ensures the plant has access to nitrogen all season long, without the risk of leaching into water tables or releasing additional greenhouse gasses.



Untreated



Treated

**see label for additional crop registrations*

Utrisha N Supported
Tank Mix List





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, 3×10^7 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, corn, and sorghum	333	Apply between 4 leaf stage until pre-senescence.
Oilseeds and Pulse Crops		
Sunflower, canola, mustard and rapeseed	333	Apply between 4 leaf stage until pre-senescence.
Soybean, dry beans, field peas, lentils, chickpeas and grain legumes	333	Apply between 3 leaf stage until pre-senescence.
Horticultural crops		
Chard, garlic, artichoke, celery, broccoli, onion, green onions, cabbage, cauliflower, escarole, white asparagus, asparagus, spinach, pea, broad bean, fennel, lettuce, melon, leek, radish, Romanesco, watermelon, beet, squash, pumpkin and carrot	333	Apply during active growth.
Potato, sweet potato and sugar beets		
Eggplant, zucchini, cucumbers, peppers, pepper for paprika, tomatoes, ginseng and herbs		
Strawberry, blueberries (low and high bush), raspberries, caneberries, saskatoon berries, cranberries		Apply during active growth. Apply annually

Woody crops		
Nut trees, stone fruits trees and pome fruits trees	333	Apply during active growth. Apply annually.
Ornamental trees and shrubs		
Grapes		
Rangeland, Permanent Pasture and Forages		
Rangeland species, permanent pasture crops and seeded pastures	333	Crops must be in an active growing stage and application can be aligned with a top dressing fertilizer application timing. Apply annually.
Alfalfa, hay and forage species		
Turf grass and Ornamental Plants		
Turf grass species	333	Plants must be in an active growing stage and application can be aligned with a top dressing fertilizer application timing. Apply annually.
Annual ornamental plants species	333	Apply during active growth.
Perennial ornamental plant species	333	Apply during active growth. Apply annually.

* For other crops and/or more information, consult your company representative for further information.

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. 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. 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, water with > 2 ppm Cl⁻, or any tank-mix additive containing free chloride ions is not recommended. For additional information on incompatibility with other products, contact your company representative.

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-004-E

Replaces: CN-2021931S-003-E

Specimen Label Notes

Address update to Quarry Park