

2022-0975
2022-03-04

GROUP	44	FUNGICIDE
--------------	-----------	------------------

BAS 100 U ST
Liquid Biological Fungicide

LIVE ORGANISMS

For seed treatment use in corn (all types), soybean and wheat.

COMMERCIAL

ACTIVE INGREDIENT: *Bacillus subtilis* strain BU1814 (not less than 1.4×10^9 CFU/mL)

POTENTIAL SENSITIZER

REGISTRATION NUMBER: 33253 PEST CONTROL PRODUCTS ACT

READ THE LABEL BEFORE USING

**IN CASE OF EMERGENCY ENDANGERING LIFE OR PROPERTY
INVOLVING THIS PRODUCT, CALL DAY OR NIGHT
1-800-454-2673**

NET CONTENTS: 100 mL - 1000L

BASF Canada Inc.
5025 Creekbank Road
Building A, 2nd Floor
Mississauga, Ontario L4W 0B6

Telephone No.: 1-877-371-2273

This product contains no colourant. A conspicuous colourant must be added when this product is applied to seed. Regulations pertaining to the "Seeds Act" must be strictly adhered to when using this product.

2022-0975
2022-03-04

BAS 100 U ST
Liquid Biological Fungicide

General Information:

BAS 100 U ST is a seed applied biological fungicide for the partial suppression or suppression of labelled seedling diseases caused by *Cochliobolus sativus* in wheat; *Rhizoctonia solani* in corn, soybean and wheat; *Pythium ultimum* in soybean; *Fusarium graminearum* in corn and wheat; *Fusarium culmorum* in wheat.

DIRECTIONS FOR USE:

DO NOT apply by air.

Shake or agitate thoroughly before use.

Apply **BAS 100 U ST** through suitable commercial and on-farm seed treating equipment. If used alone, slowly add **BAS 100 U ST** to sufficient water and colourant for good seed coverage. Continue mixing until uniform.

If used in combination, add the required amount of the chemical seed treatment first, then slowly add **BAS 100 U ST** to the solution and continue mixing until uniform. Consult labels of tank-mix partners and follow the most prohibitive use restrictions. In some cases, tank mixing a pest control product with another pest control product or a fertilizer can result in biological effects that could include, but are not limited to: reduced pest efficacy or increased host crop injury. The user should contact BASF Canada Inc. at 1-877-371-2273 for information before mixing any pesticide or fertilizer that is not specifically recommended on this label. The user assumes the risk of losses that result from the use of tank mixes that do not appear on this label or that are not specifically recommended by BASF Canada Inc. Do not store mixed solutions for longer than 72 hours before applying to the seed.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

This product contains no colourant. A conspicuous colourant must be added when this product is applied to seed. Regulations pertaining to the "Seeds Act" must be strictly adhered to when using this product. Users are responsible for ensuring that the treated seed, when dried and ready for bagging, has an unnatural colour.

APPLICATION RATE:

Crop	Target Diseases	Product use rate in mL/100 kg seed
Corn: field, pop, sweet (includes seed production)	For partial suppression of seed rot and pre-emergent damping-off caused by <i>Fusarium graminearum</i> For partial suppression of seed rot, and pre and post emergent damping-off	2.8 based 80 000 seeds per 20.4 kg (45 lb) bag

2022-0975
2022-03-04

	caused by <i>Rhizoctonia solani</i> .	
Adjust these rates as needed for other seed sizes, maintaining a minimum rate of 0.0071 µL BAS 100 U ST per seed (density ≈ 1.16 g per mL).		

Crop	Target Diseases	Product use rate
Soybean	<p>For partial suppression of seed rot, pre and post emergent damping-off and seedling blight caused by <i>Pythium ultimum</i></p> <p>For suppression of seedling blight caused by <i>Rhizoctonia solani</i>.</p> <p>For partial suppression of seed rot, pre and post emergent damping-off and seedling root rot caused by <i>Rhizoctonia solani</i>.</p>	<p>4.4 mL/100 kg seed based 6172 seeds/kg</p> <p>(1 mL / 140,000 seeds)</p>
Adjust these rates as needed for other seed sizes, maintaining a minimum rate of 0.0071 µL BAS 100 U ST per seed (density ≈ 1.16 g per mL).		

Crop	Target Diseases	Product use rate in mL/100 kg seed
Wheat	<p>For partial suppression of seed rot, and pre and post emergent damping-off caused by <i>Cochliobolus sativus</i>.</p> <p>For partial suppression of seed rot, and pre and post emergent damping-off caused by <i>Fusarium culmorum</i> and <i>Fusarium graminearum</i>.</p> <p>For suppression of seed rot, and pre and post emergent damping-off caused by <i>Rhizoctonia solani</i>.</p> <p>For partial suppression of seedling blight caused by <i>Rhizoctonia solani</i>.</p>	21.1

PRECAUTIONS:

KEEP OUT OF THE REACH OF CHILDREN. May cause sensitization. Avoid contact with skin, eyes or clothing. Avoid inhaling of spray mist or breathing dust from treated seeds. Wear a long-sleeved shirt, long pants, waterproof gloves, shoes with socks, as well as a dust/mist filtering respirator (MSH/NIOSH approved number prefix TC-21C) or a NIOSH approved respirator with any N-95, R-95, P-95 or HE filter for biological products when handling, mixing/loading or applying the product and during all clean-up/repair activities.

2022-0975
2022-03-04

Wash thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

FIRST AID:

If swallowed:

Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. 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.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

TOXICOLOGICAL INFORMATION:

Treat symptomatically.

Storage:

Store the product away from food or feed when storing this product. This product should be used within 6 months from the date of manufacture when stored at $\leq 4^{\circ}\text{C}$.

DISPOSAL:

For refillable containers: For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. DO NOT reuse this container for any other purpose.

For recyclable containers: DO NOT reuse this container for any other 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 rinsings to the 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.

2022-0975

2022-03-04

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.

Seed Storage:

Due to seed quality and seed storage conditions beyond the control of BASF, no claims are made to guarantee the germination of carryover seed.

NOTICE TO USER:

This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.