



U.S. ENVIRONMENTAL PROTECTION AGENCY
 Office of Pesticide Programs
 Biopesticides and Pollution Prevention Division (7511P)
 1200 Pennsylvania Ave., N.W.
 Washington, D.C. 20460

EPA Reg. Number:

71840-32

Date of Issuance:

08/09/2022

NOTICE OF PESTICIDE:

Registration
 Reregistration
 (under FIFRA, as amended)

Term of Issuance:

Unconditional

Name of Pesticide Product:

Soy Inoculant + Biological #1

Name and Address of Registrant (include ZIP Code):

BASF Corporation
 26 Davis Drive
 Research Triangle Park, NC 27709

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product, always refer to the above EPA Registration Number.

On the basis of information furnished by the registrant, the above named pesticide is hereby registered under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA or the Act).

Registration is in no way to be construed as an endorsement or recommendation of this product by the U.S. Environmental Protection Agency (EPA). In order to protect health and the environment, the Administrator, on his or her motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under the Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

This product is unconditionally registered in accordance with FIFRA section 3(c)(5) provided that you:

1. Submit and/or cite all data required for registration or registration review of your product when the EPA requires all registrants of similar products to submit such data.

Signature of Approving Official:

Andrew Bryceland, Team Leader
 Biochemical Pesticides Branch
 Biopesticides and Pollution Prevention Division (7511P)
 Office of Pesticide Programs

Date:

08/09/2022

2. Make the following labeling change before you release this product for shipment:
 - Revise the EPA Registration Number to read, “EPA Reg. No. 71840-32”
3. Submit one (1) copy of the final printed labeling for the record before you release this product for shipment.

Should you wish to add/retain a reference to your company’s website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA-approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance Assurance.

Your release for shipment of this product constitutes acceptance of these terms. If these terms are not complied with, this registration will be subject to cancellation in accordance with FIFRA section 6. A stamped copy of the labeling is enclosed for your records. Please also note that the record for this product currently contains the following acceptable Confidential Statement of Formula (CSF):

- Basic CSF dated 03/21/2022

Any CSFs other than those listed above are superseded.

If you have any questions, please contact Susannah Powell of my team via email at powell.susannah@epa.gov.

Sincerely,



Andrew Bryceland, Team Leader
Biochemical Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511P)
Office of Pesticide Programs

Soy Inoculant + Biological #1

ACCEPTED

Aug 11, 2022

Under the Federal Insecticide, Fungicide
and Rodenticide Act as amended, for the
pesticide registered under
EPA Reg. No. 71840-32

For use as a commercial seed treatment

Active Ingredient: (Component A)

Bacillus amyloliquefaciens strain MBI 600** 6.80%

Other Ingredients: 93.20%

Total: 100.00%

* Component A contains a minimum of 2.2×10^{10} colony forming units per mL

† Formerly named *Bacillus subtilis* strain MBI 600

Contains nonplant food ingredients

Guaranteed Analysis

Soil Amending Ingredient: (Component B)

*Bradyrhizobium japonicum**** 100.00%

Total: 100.00%

*** Component B contains a minimum of 1.0×10^{10} colony forming units per mL

Active Ingredients: (Component C)

Indole-3-butyric acid 0.02%

Salicylic Acid 0.04%

Chitosan 1.00%

Other Ingredients: 98.94%

Total: 100.00%

EPA Reg. No. 71840-X

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN
CAUTION/PRECAUCION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See [inside] [booklet] for complete **Precautionary Statements, Directions For Use, Conditions of Sale and Warranty**, and state-specific crop and/or use site restrictions.

You may contact **BASF Corporation** for emergency medical treatment information at 1-800-832-HELP (4357).

Net Contents:

___ x ___ fl oz {qt} Component A of Soy Inoculant + Biological #1

___ x ___ fl oz {qt} Component B of Soy Inoculant + Biological #1

___ x ___ fl oz {qt} Component C of Soy Inoculant + Biological #1

Batch Code: Located on physical container

BASF Corporation
26 Davis Drive, Research Triangle Park, NC 27709



We create chemistry

Bacillus amyloliquefaciens
strain MBI 600

Group

44

Fungicide

[Booklet/Base Label attached to Component A]

Component A of Soy Inoculant + Biological #1

[Alternate Brand Name: **Integral® Liquid Biofungicide**]

For use as a commercial seed treatment

Active Ingredient: (Component A)

Bacillus amyloliquefaciens strain MBI 600*† 6.80%

Other Ingredients: 93.20%

Total: 100.00%

* **Component A** contains a minimum of 2.2×10^{10} colony forming units per mL

† Formerly named *Bacillus subtilis* strain MBI 600

EPA Reg. No. 71840-5

EPA Est. No.

KEEP OUT OF REACH OF CHILDREN CAUTION/PRECAUCION

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

See [inside] [booklet] for complete **Precautionary Statements, Directions For Use, Conditions of Sale and Warranty**, and state-specific crop and/or use site restrictions.

You may contact BASF Corporation for emergency medical treatment information at 1-800-832-HELP (4357).

Net Contents:

___ x ___ fl oz {qt} **Component A of
Soy Inoculant + Biological #1**

Batch Code: Located on physical container

BASF Corporation
26 Davis Drive, Research Triangle Park, NC 27709

HOTLINE NUMBER

Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact BASF Corporation for emergency medical treatment information at 1-800-832-HELP (4357).

Precautionary Statements

Personal Protective Equipment (PPE)

The PPE requirements apply to both Worker Protection Standard (WPS) uses (in general, agricultural-plant uses are covered by the Worker Protection Standard (40 CFR Part 170)) and Non-WPS uses.

Applicators and other handlers must wear:

- Long-sleeve shirt and long pants
- Waterproof gloves
- Shoes plus socks

Mixers/loaders and applicators must wear a NIOSH-approved particulate respirator with any N, P, or R filter with NIOSH-approval number prefix TC-84A or a NIOSH-approved powered air purifying respirator with an HE filter with NIOSH-approval number prefix TC-21C. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization.

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

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

Environmental hazards statements for the following container sizes: 3.4 fl ozs, 6.8 fl ozs, and 13.6 fl ozs

For terrestrial uses: **DO NOT** apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean high water mark. **DO NOT** contaminate water when disposing of equipment washwater or rinsate.

Environmental hazards statements for the following container sizes: 30 gal and 265 gal

DO NOT discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters

unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. **DO NOT** discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance, contact your State Water Board or Regional Office of the EPA.

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 requirements specific to your state or tribe, consult the state or tribal agency responsible for pesticide regulation.

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 instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

DO NOT enter or allow worker entry into treated areas during the restricted-entry interval (REI) of **4 hours**.

EXCEPTION: If the product is soil-injected or soil incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

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
- Chemical-resistant gloves (made of any waterproof material)
- Shoes plus socks

NONAGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses that are NOT within the scope of the Worker Protection Standard (WPS) 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.

Keep unprotected persons out of treatment area until seeds have dried or been packaged.

STORAGE AND DISPOSAL

DO NOT contaminate water, food, or feed by storage or disposal.

Pesticide Storage

Ensure container closures are tight. Store in a cool, dry place.

Pesticide Disposal

To avoid wastes, use all material in this container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (often such programs are run by state or local governments or by industry).

Container Handling

For containers with capacities less than or equal to 5 gallons

Nonrefillable container. DO NOT reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available, or puncture and dispose of in a sanitary landfill or by incineration. **DO NOT** burn, unless allowed by state and local ordinances. If burned, stay out of smoke.

(continued)

STORAGE AND DISPOSAL (continued)

Container Handling (continued)

For containers with capacities more than 5 gallons

Nonrefillable container. DO NOT reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. **Triple rinse as follows:** Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. Once cleaned, some agricultural plastic pesticide containers can be taken to a container collection site or picked up for recycling. To find the nearest site, contact your chemical dealer or manufacturer, or contact Ag Container Recycling Council at 877-952-2272 or www.acrecycle.org. Alternatively, puncture and dispose of in a sanitary landfill or by incineration. **DO NOT** burn, unless allowed by state and local ordinances. If burned, stay out of smoke.

In Case of Emergency

In case of large-scale spill of this product, call:

- CHEMTREC 1-800-424-9300
- BASF Corporation 1-800-832-HELP (4357)

In case of medical emergency regarding this product, call:

- Your local doctor for immediate treatment
- Your local poison control center (hospital)
- BASF Corporation 1-800-832-HELP (4357)

Product Information

Soy Inoculant + Biological #1 contains bacteria that colonize germinating seeds and inhibit seed pathogens such as *Alternaria* spp. The same bacteria then colonize the developing root systems of plants and suppress disease organisms that attack such root systems (e.g., *Fusarium* spp., *Rhizoctonia* spp. and under some conditions, *Pythium* spp.). As root systems develop, the bacteria grow with the roots, extending the protection throughout the growing season. Because of this biological protection, vigorous root systems are established by plants, which often results in more uniform stands, and greater yields.

In addition, **Soy Inoculant + Biological #1** has been shown to increase root nodulation by nitrogen-fixing bacteria when used on legumes. This increase in nodulation is a result of a healthier root system allowing formation of more sites for nitrogen-fixing nodules.

Label statement required by the State of Oregon

Information regarding the contents and levels of metals in this product is available on the Internet at <http://www.aapfco.org/metals.html>

Use Limitations

Chemigation: DO NOT apply this product through any type of irrigation system.

Application Instructions

For Use as a Commercial Seed Treatment

Note: This product does not contain dye and is not covered by an appropriate tolerance, tolerance exemption, or other clearance under the Federal Food, Drug and Cosmetic Act. To comply with 40 CFR 153.155, therefore, all seed treated commercially with this product must be colored with an EPA-approved dye or colorant of a suitable color to prevent accidental use as food for man or feed for animals.

The Federal Seed Act requires that bags containing seed treated with this product shall be labeled with the following information: "This seed has been treated with *Bacillus amyloliquefaciens* strain MBI 600. **DO NOT** use for food, feed, or oil purposes."

Mixing Instructions: Apply **Soy Inoculant + Biological #1** as a water-based slurry alone, or with other seed treatment products (fungicides, insecticides, nematocides, fertilizers, etc.). Additionally, rhizobial inoculant products can be added to the tank mix.

Prior to mixing, determine physical compatibility by mixing proportional quantities of the products in water. **DO NOT** mix **Soy Inoculant + Biological #1** with any other seed treatment product that bears a label prohibition against such mixing. When tank mixing **Soy Inoculant + Biological #1** with any other seed treatment product, observe the most restrictive of the labeling limitations and precautions of all products used in mixtures.

ATTENTION: If rhizobial inoculants are to be used in the tank mix with other seed treatments (fungicides, insecticides, nematocides, fertilizers, etc.), make sure that they are compatible (not harmful) to the rhizobia. Likewise, use only cool, chlorine-free water in the tank mix. If one or more treatments are not compatible (harmful), mix those products in, and apply them from, a separate mix tank.

To mix, first add the other seed treatment product(s) and/or the rhizobial inoculant product(s) to the mix tank with approximately 1/2 of the required water. Slowly add **Soy Inoculant + Biological #1** to the slurry until a uniform suspension is obtained. Add the remainder of the water while maintaining constant agitation. **DO NOT** store mixed slurries for longer than 24 hours.

Application Instructions: For suppression of seed pathogens (e.g. *Alternaria* spp.) and plant root pathogens (e.g., *Rhizoctonia* spp. and *Fusarium* spp.) and/or to increase nutrient uptake and the amount of nodulation by nitrogen-fixing bacteria (legumes), apply at least 6.0 fl ozs of total slurry per 100 lb of seed or at least 600 fl ozs of total slurry per 10,000 lb of seed. Some ingredients in **Soy Inoculant + Biological #1** may not completely solubilize; therefore, it is important to maintain a uniform suspension by continuously agitating the solution throughout the application process. **DO NOT** exceed label application dosage rates.

Soybeans - Soy Inoculant + Biological #1 Only

For suppression of plant root pathogens (e.g., *Rhizoctonia* spp. and *Fusarium* spp.) and to increase the amount of nodulation by nitrogen-fixing bacteria, apply at a rate of 0.136 fl oz (4 mL) of **Soy Inoculant + Biological #1** per 100 lb (45 kg) of soybean seed. Follow the mixing and dilution procedures described above.

Standard Mixing and Application Rate Information						
Units of Soybean Seed to Treat	Amount of Component A - Biofungicide	Amount of Component B - Rhizobial Inoculant	Amount of Component C - For Early Germination and Quicker Root Development	Amount of Cool, Non-Chlorinated Water	Final Application Rate (fl ozs slurry/CWT seed)	Final Application Rate (fl ozs slurry/140K seed count unit)
When Applying with Other Additional Seed Treatments*						
400 units	27.2 fl ozs (one bottle)	200 fl ozs (one bladder)	80 fl ozs (one bottle)	0	1.54 fl ozs/CWT seed***	0.77 fl oz per 140K seed count unit***
40 units	2.72 fl ozs (one bottle)	20 fl ozs (one bladder)	8 fl ozs (one bottle)	0	1.54 fl ozs/CWT seed***	0.77 fl oz per 140K seed count unit***
When Applying as a Stand-alone Treatment**						
400 units	27.2 fl ozs (one bottle)	200 fl ozs (one bladder)	80 fl ozs (one bottle)	893 fl ozs	6.0 fl ozs/CWT seed***	3.0 fl ozs per 140K seed count unit***
40 units	2.72 fl ozs (one bottle)	20 fl ozs (one bladder)	8 fl ozs (one bottle)	89.3 fl ozs	6.0 fl ozs/CWT seed***	3.0 fl ozs per 140K seed count unit***
<p>NOTE – If TOTAL application volume of all seed treatments being applied to the seed (including volume of these components at 1.54 fl ozs/CWT of seed) is less than 6.0 fl ozs/CWT of seed, add sufficient volume of non-chlorinated water to the product to achieve a TOTAL application volume of at least 6.0 fl ozs/CWT of seed in order to ensure uniform seed coverage.</p>						
<p>* When total liquid volume of all treatments being applied to the seed is equal to or greater than 6.0 fl ozs/CWT of seed, DO NOT add any water to the product mixture.</p> <p>** When applying product without additional seed treatments, it is required to add non-chlorinated water to attain a total liquid application rate of 6.0 fl ozs/CWT of seed.</p> <p>*** At average 2,800 seeds per pound.</p>						

Conditions of Sale and Warranty

The **Directions For Use** of this product reflect the opinion of experts based on field use and tests. The directions are believed to be reliable and must be followed carefully. However, it is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as the presence of other or untested or unapproved materials, seed of low quality or low vigor or low germination, use of the product in a manner inconsistent with its labeling, misapplication of this product, or weather conditions at planting or environmental conditions during seed storage, all of which are beyond the control of BASF CORPORATION ("BASF") or the Seller. To the extent consistent with applicable law, all such risks shall be assumed by the Buyer.

BASF warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the **Directions For Use**, subject to the inherent risks, referred to above.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR MERCHANTABILITY OR ANY OTHER EXPRESS OR IMPLIED WARRANTY.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BUYER'S EXCLUSIVE REMEDY AND BASF'S EXCLUSIVE LIABILITY, WHETHER IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE, SHALL BE LIMITED TO REPAYMENT OF THE PURCHASE PRICE OF THIS PRODUCT.

TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BASF AND THE SELLER DISCLAIM ANY LIABILITY FOR CONSEQUENTIAL, EXEMPLARY, SPECIAL OR INDIRECT DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

BASF and the Seller offer this product, and the Buyer and User accept it, subject to the foregoing **Conditions of Sale and Warranty** that may be varied only by agreement in writing signed by a duly authorized representative of BASF.

Integral is a registered trademark of BASF.

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071840-00005.20220325b.NVA 2022-04-0687-0094

BASF Corporation
26 Davis Drive
Research Triangle Park, NC 27709


We create chemistry



We create chemistry

[Text printed on bladder of Component B. Text is limited due to limitations in inkjet technology]

Component B of Soy Inoculant + Biological #1

Batch Code: [Located on physical container]

Contains nonplant food ingredients

Guaranteed Analysis

Soil Amending Ingredient: (Component B)

*Bradyrhizobium japonicum****100.00%

Total:100.00%

*** **Component B** contains a minimum of 1.0×10^{10} colony forming units per mL



Component C of Soy Inoculant + Biological #1

[Alternate brand name: **CONSENSUS®**]

SEED TREATMENT

FOR USE ONLY BY COMMERCIAL SEED TREATMENT FACILITIES

A unique seed treatment designed to promote early germination and quicker root development.

ACTIVE INGREDIENTS:

Indole-3-butyric acid:	0.02%
Salicylic Acid:	0.04%
Chitosan:	1.00%
OTHER INGREDIENTS:	98.94%
TOTAL:	100.00%

EPA REG. NO. 34704-1055

EPA EST. NO.

KEEP OUT OF REACH OF CHILDREN CAUTION

FIRST AID

If in eyes:	<ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15 to 20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice.
If on skin or clothing:	<ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15 to 20 minutes. • Call a poison control center or doctor for treatment advice.
If swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have the person sip a glass of water if able to swallow. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If inhaled:	<ul style="list-style-type: none"> • Move the person to fresh air. • If the person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for treatment advice.

HOT LINE NUMBER

Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
FOR A MEDICAL EMERGENCY INVOLVING THIS PRODUCT CALL: 1-866-944-8565.

Net Contents:

___ x ___ fl oz {qt} **Component C of Soybean Inoculant + Biological #1**

**PRECAUTIONARY STATEMENTS
HAZARD TO HUMANS
AND DOMESTIC ANIMALS
CAUTION**

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, or using tobacco. Remove and wash contaminated clothing before reuse.

**Personal Protective Equipment (PPE):
Applicators and other handlers must wear:**

- Long sleeved shirt and long pants,
- Shoes plus socks, and
- Waterproof gloves. Particulate dust mask when mixing.

Follow the 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.

USER SAFETY RECOMMENDATIONS

Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

ENVIRONMENTAL HAZARDS

Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

[Additional statements for containers greater than 5.0 gallons: Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.] Treated seed exposed on soil surface may be hazardous to wildlife. Cover or collect seeds spilled during loading.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation. 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.

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 instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 4 hours. Exception: After treated seeds are planted, the Worker Protection Standard, under certain circumstances, allows workers to enter the planted areas if there will be no contact with anything that has been treated. 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,
- Shoes plus socks,
- Waterproof gloves, and
- Protective eyewear.

Not for food use.

Do not use treated seed for food, oil or feed purposes. Store treated seed away from food and feedstuffs. Do not allow children, pets or livestock to have access to treated seeds. Cover or collect treated seeds spilled during loading and planting (such as in row ends). Dispose all excess treated seed by burying seed away from bodies of water. Dispose of seed packaging or containers in accordance with local requirements.

GENERAL INFORMATION

Growth Enhancement

Use **Soy Inoculant + Biological #1** to increase plant health and vigor, to increase root mass, and to enhance crop quality and production.

USE RESTRICTIONS

Not for use on agricultural establishments in hopper-box, planter-box, slurry-box or other seed treatment applications at or immediately before planting.

Coloring

All seed treated commercially with this product must be colored with an EPA-approved dye or colorant of a suitable color to prevent accidental use as food for man or feed for animals.

Mixing with Other Seed Treatment Products

Read and follow the entire label of each product to be used in combination with this product.

Use Promptly

Use product within 8 hours of mixing with water. Reseal unopened containers to minimize exposure to air and moisture.

APPLICATION INSTRUCTIONS

Soy Inoculant + Biological #1 may be applied as a seed treatment by commercial seed treatment facilities. Mix thoroughly and treat seed. Use application rates as specified on crops listed below. **Soy Inoculant + Biological #1** may be mixed with certain other commercial seed treatments. Use of the resulting mix must be in accordance with the more restrictive label limitations and precautions. Allow treated seeds to dry as appropriate before further handling.

Slurry Treatment

Soy Inoculant + Biological #1 may be applied as a water-based slurry through standard slurry or mist-type commercial seed treatment equipment. Add an EPA-approved dye (40 CFR Section 180.910-920) or colorant that imparts unnatural color to resulting slurry. Mix the slurry thoroughly with the seeds to provide uniform coverage.

Soy Inoculant + Biological #1 must be applied with a total slurry of at least 6.0 fluid ounces per 100 pounds of seeds. Note that this slurry volume may be composed of water or other EPA approved insecticides, fungicides, or other seed treatments. Always apply enough solution to ensure adequate seed coverage.

Seeds	Amount of Soy Inoculant + Biological #1 solution in fl oz per 100 lb weight
Soybeans	0.33 to 1.00 fl oz

NOTE:

1. The slurry rate can be adjusted to ensure thorough coverage.
2. **Soy Inoculant + Biological #1** is compatible with other agrochemicals. However, pre-testing evaluation is required.
3. Store in cool, dry and dark conditions.
4. The Federal Seed Act requires that bags containing seed treatment with this product shall be labeled with the following information:

“This seed has been treated with Salicylic acid, Chitosan and Indole-3-butyric acid. Do not use for food, feed or oil purposes.”

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a cool, dry location, out of direct sunlight, and away from exposure to air and moisture. Do not store in temperatures over 110 °F for more than seven days.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING:

Nonrefillable container. Do not reuse this container to hold materials other than pesticides or dilute pesticides (rinsate). After emptying and cleaning, it may be allowable to temporarily hold rinsate or other pesticide related materials in the container. Contact your state regulatory agency to determine allowable practices in your state. Once cleaned, some agricultural plastic pesticide containers can be taken to a container collection site or picked up for recycling. To find the nearest site, contact your chemical dealer or manufacturer, or contact The Agricultural Container Recycling Council (ACRC) at www.acrecycle.org. If not recycled, then puncture and dispose of in a sanitary landfill, or incineration, or if allowed by state and local authorities, by burning. If burned, stay out of smoke. Triple rinse or pressure rinse container (or equivalent) promptly after emptying.

For packages up to 5 gallons: Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. **Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

(continued)

STORAGE AND DISPOSAL *(continued)*

CONTAINER HANDLING: *(continued)*

For packages greater than 5 gallons and less than 56 gallons: Triple rinse as follows:

Empty the remaining contents into application equipment or a mix tank. Fill the container 1/4 full with water. Replace and tighten closures. Tip container on its side and roll it back and forth ensuring at least one complete revolution for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Repeat this procedure two more times. **Pressure rinse as follows:** Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure rinsing nozzle in the side of the container and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

For packages greater than 56 gallons: To clean the container before final disposal empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times.

For refillable containers: Refill this container with **Soy Inoculant + Biological #1** only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning before refilling is the responsibility of the refiller. To clean the container before final disposal empty the remaining contents from this container into application equipment or mix tank. Fill the container about 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this rinsing procedure two more times. For final disposal offer for recycling or reconditioning if appropriate or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

For help with any spill leak, fire or exposure involving this material call day or night CHEMTREC -1-800-424-9300.

CONDITIONS OF SALE AND LIMITATION OF WARRANTY AND LIABILITY

BEFORE BUYING OR USING THIS PRODUCT read the entire Directions for Use and the following Conditions of Sale and Limitation of Warranty and Liability. By buying or using this product, the buyer or user accepts the following Conditions of Sale and Limitation of Warranty and Liability, which no employee or agent of LOVELAND PRODUCTS, INC. or the seller is authorized to vary in any way.

Follow the Directions for Use of this product carefully. It is impossible to eliminate all risks inherently associated with the use of this product. Crop or other plant injury, ineffectiveness, or other unintended consequences may result from such risks as weather or crop conditions, mixture with other chemicals not specifically identified in this product's label, or use of this product contrary to the label instructions, all of which are beyond the control of LOVELAND PRODUCTS, INC. and the seller. The buyer or user of this product assumes all such inherent risks.

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