

Copy Limit

12.5"

BioRise™

360 ST

ACTIVE INGREDIENT:
LCO SP104: D-Glucose,O-2-deoxy-2-[[[11Z)-1-oxo-11-octadecen-1-yl]amino]-β-D-glucopyranosyl-(1 → 4)-O-2-(acetylamino)-2-deoxy-β-D-glucopyranosyl-(1 → 4)-O-2-(acetylamino)-2-deoxy-β-D-glucopyranosyl-(1 → 4)-O-2-(acetylamino)-2-deoxy-β-D-glucopyranosyl-(1 → 4)-2-(acetylamino)-2-deoxy-..... 0.000001%
OTHER INGREDIENTS:.....> 99.999999%
TOTAL:.....100.000000%
Contains 0.000000083 pounds LCO SP104 per U.S. gallon (0.00001 grams AI/liter)

Keep out of reach of children
CAUTION

HOTLINE NUMBER
In case of an emergency involving this product, or for medical assistance, call collect, day or night, 1-800-334-7577.
For product use information call: 1-866-99BAYER (1-866-992-2937)

FIRST AID	
IF IN EYES	• 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.

PRECAUTIONARY STATEMENTS

Hazards to Humans and Domestic Animals

Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.
Personal Protective Equipment (PPE)
All mixers, loaders, applicators, and other handlers must wear long-sleeved shirt, long pants, shoes, socks and gloves. Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

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 disposing of equipment washwater or rinsate.

DIRECTIONS FOR USE
Read the entire label before using this product.
It is a violation of US Federal law to use this product in a manner inconsistent with its labeling.
For use only in commercial seed treatment equipment. Not for use in hopper box, planter box, slurry box, or other on-farm seed treatment applications.

Product Description
BioRise™ 360 ST is a liquid formulation for use as a seed treatment that features lipo-chitooligosaccharide (LCO) technology. The LCO in this product directly stimulates germination of mycorrhizal spores and promotes mycorrhizal symbioses in the root zone. Mycorrhizae are beneficial fungi that colonize plant roots and can form networks in the soil. Plant roots recognize the LCO and other signals produced by the germinating mycorrhizal spores to stimulate specialized symbiotic interactions between roots and mycorrhizae. Mycorrhizal colonization of plant roots increases the functional root volume of the plant providing increased access and uptake of soil nutrients and water. The LCO mode of action supports the growth and yield potential of the crop.
• Stimulates germination of mycorrhizal spores
• Enhances mycorrhizal colonization which increases functional root volume as well as nutrient and water uptake through the roots
• Increases yield potential

Application Information
USE INFORMATION
Apply BioRise 360 ST as a water-based slurry either alone or with registered seed treatments using standard slurry or mist-type seed treatment application equipment.
BioRise 360 ST may be used in combination with other registered seed treatment products, including Acceleron® Seed Applied Solutions. Pre-check for compatibility with other seed treatment products.
Dilute with a sufficient amount of water to achieve uniform application to seed. Use high quality, properly cleaned seed. All seed treated commercially with this product must be adequately dyed with a suitable color to prevent accidental use as food for humans or feed for animals. Use an EPA-approved dye or colorant that imparts an unnatural color to the seed. Any dye or colorant added to treated seed must be cleared for use pursuant to 40 CFR, Part 153.155.

MIXING INSTRUCTIONS
Add 1/2 to 2/3 of the required water to the treatment slurry tank followed by any accompanying seed treatment products and BioRise 360 ST. The order of product addition is dependent on the accompanying seed treatment products and application equipment used. Allow each slurry component to disperse completely prior to the next addition until a uniform suspension is obtained. After all slurry components have been added and dispersed completely, add the remaining 1/2 to 1/3 of required water for proper slurry volume and mix until uniform. Maintain adequate agitation until treatment slurry is applied.

APPLICATION RATES				
Crop	Product Use Rate (ml/kg seed)	Product Use Rate (fl oz/cwt seed)	Product Use Rate (fl oz/unit seed)	Seed/Unit (Seed/lb*)
Corn	0.33	0.5	0.25	80,000 (1,600)

*Seed weight varies

SEED LABELING
The user is responsible for ensuring that the treated seed container meets all of the requirements under the Federal Seed Act. The Federal Seed Act requires that the container of seed treated with BioRise 360 ST must be labeled with the following statements:
• This seed has been treated with LCO SP104.
• Do not use treated seed for food, feed or oil production.
In addition, the US Environmental Protection Agency requires the following statements on the container of seed treated with BioRise 360 ST:
• Wear long-sleeved shirt, long pants, shoes, socks, and gloves when handling treated seed.
• Store treated seed away from food and feed, and do not allow access by children, pets, or livestock. Do not reuse empty seed containers.
• Surplus treated seed or empty seed containers should be stored or disposed according to local requirements.
• Do not contaminate bodies of water when disposing of excess treated seed or wash waters from planting equipment.
CROP ROTATION
There are no restrictions on crop rotation.



Storage and Disposal
Do not contaminate water, food, or feed by storage, disposal, or cleaning of equipment.
PESTICIDE STORAGE: Store in original container away from feed and food. Store in a cool, dry place. Do not store in direct sunlight.
PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility. If these wastes cannot be used according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste representative at the nearest EPA Regional Office for guidance in proper disposal methods.
CONTAINER HANDLING AND DISPOSAL: Non-refillable container (greater than 5 gallons (19 liters)). 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 and drain for 10 seconds after the flow begins to drip. 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 side and tip it back and forth several times. Empty the rinsate into application equipment or a mix tank or store rinsate for later use and 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. Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill, by incineration, or by other procedures allowed by state and local authorities.

LIMITS OF LIABILITY AND WARRANTY
Bayer CropScience LP warrants that this product is reasonably fit for the purposes set forth in the DIRECTIONS FOR USE ("Directions") when used in accordance with those Directions under the conditions described therein. This warranty is also subject to the inherent risks, conditions and limitations stated herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, NO OTHER EXPRESS WARRANTY OR IMPLIED WARRANTY OF FITNESS FOR PARTICULAR PURPOSE, INFRINGEMENT (ALONE OR IN COMBINATION WITH OTHER REGISTERED SEED TREATMENT PRODUCTS) OR MERCHANTABILITY IS MADE.
Buyer and all users shall promptly notify Bayer CropScience LP of any claims whether based in contract, negligence, strict liability, other tort or otherwise.

To the extent consistent with applicable law, buyer and all users are responsible for all loss or damage from use or handling of the product which results from conditions beyond the control of Bayer CropScience LP, including, but not limited to, crop injury, ineffectiveness or other unintended consequences that may result because of such factors as weather conditions at planting, environmental conditions during seed storage, presence of other materials, seed of low quality or low vigor or low germination, or the manner of use or application inconsistent with that set forth in the Directions.
Bayer CropScience LP does not warrant any product reformulated or repackaged from this product except in accordance with Bayer CropScience LP's stewardship requirements and with Bayer CropScience LP's express written permission.
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Upon opening and using this product, buyer and all users are deemed to have accepted the terms of this LIMIT OF LIABILITY AND WARRANTY which may not be varied by any verbal or written agreement. If terms are not acceptable, return at once unopened.
Patents that cover BioRise 360 ST can be found at www.monsantotechnology.com.
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LOT NO.

NET 30 GAL (113.6 L)



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