

USA

JumpStart[®] LCO

phosphate-solubilizing inoculant
and LCO Promotor Technology[®] for

corn and wheat

PROD. # 7040-720

Extended label

Application rate

- Corn: 3 oz (89 ml) per unit (80,000 kernels) of corn
- Wheat: 0.75 fl oz (22 ml) per bushel (60 lb) of wheat
- JumpStart LCO may be applied alone or diluted with non-chlorinated water and/or other seed treatments at the time of application
- Jumpstart LCO can be used with most seed-applied treatments but the planting window may be reduced. For up-to-date compatibility information please contact Novozymes BioAg at 1-888-744-5662 or visit www.bioag.novozymes.com

Application directions

- Clean mix tank and treating equipment before use
- If using JumpStart LCO in combination with other seed treatment products: add products into mix tank in recommended order of addition before adding JumpStart LCO
- Shake JumpStart LCO wettable powder active before mixing in to into JumpStart LCO liquid component jug – mix thoroughly before adding to treatment tank
- Pour into treatment tank and turn on agitation
- Jumpstart LCO applied to bare seed should be planted within
 - 60 days – corn
 - 30 days - wheat

USA

MINIMUM GUARANTEE

ACTIVE: 7.2×10^8 cfu *Penicillium bilaii* per gram
 $1 \times 10^{-7}\%$ lipo-chitooligosaccharide

Caution

Shake well before use.

Use before expiration date.

Store in a cool place.

Open jug/bottle only when ready to use.

Do not divide active powder bottle – always mix 1 full active powder bottle with 1 jug of JumpStart LCO liquid component.

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Storage and handling

The active ingredient in JumpStart LCO is a living organism and requires specific storage conditions to ensure viability and product performance. To maintain product viability:

- Store JumpStart LCO containers and JumpStart LCO-inoculated seed in a cool unheated facility < 20 °C (68 °F), away from sunlight and direct heat sources
- Minimize temperature fluctuations
- Avoid freeze/thaw cycles
- Use the entire contents of the container once opened
- Use before the expiry date. The expiry date is valid only for unopened containers stored according to the conditions listed above

The active ingredients in JumpStart LCO are *Penicillium bilaii* spores and lipo-chitooligosaccharide. If use of this product by individuals allergic to molds and/or fungi is unavoidable, absorption by eye or skin contact, inhalation, or ingestion must be prevented to minimize the chance of an allergic reaction. Wear standard protective clothing and equipment including gloves, safety glasses and a NIOSH-approved respirator. In case of contact with skin or eyes, immediately flush exposed areas with plenty of water. Get medical attention if irritation occurs.

Unused JumpStart LCO and unplanted JumpStart LCO-inoculated seed should be disposed of in accordance with applicable civil statutes and guidelines.

For soils low to medium in available phosphate:

Use JumpStart LCO with the lower recommended P fertilizer rate from soil test results. If you do not soil test, use with your normal P fertilizer rate.

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MINIMUM GUARANTEE

ACTIVE: 7.2 x 10⁸ cfu *Penicillium bilaii* per gram
1 x 10⁻⁷% lipo-chitooligosaccharide

Benefits of using JumpStart LCO may be limited on:

- extremely sandy soils (greater than 85% sand)
- extremely high organic matter soils (greater than 14% organic matter)
- fields that have been heavily manured over the last several years

Limited warranty

The seller warrants that this product contains a minimum number of *Penicillium bilaii* colony forming units and lipo-chitooligosaccharide as specified on this label. The seller makes no other warranty expressed or implied as to product viability or performance since product storage, use and growing conditions are beyond the seller's control. Seller's guarantee is limited to the terms set out on the label and subject thereto. Buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.


novozymes[®]

Rethink Tomorrow

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