

Coastal AgroBusiness, Inc.

Product Label



Soil and Fertilizer Additive
To Enhance Nutrient Availability with LCO Promotor Technology®

Proprietary composition of natural carboxylic acids secreted by soil bacteria, fungi, and plant roots to enhance solubilization and uptake of plant nutrients.

Active Ingredients:

Natural carboxylic acid solution and LCO* Promotor	40.0%
Other Ingredients	60.0%
Total	100%

*Product contains a minimum of $2 \times 10^{-7}\%$ lipo-chitooligosaccharide (LCO) formulated for in-furrow corn application.

Not a Plant Food Product

CAUTION

KEEP OUT OF REACH OF CHILDREN

Read the entire label for additional precautionary statements.



Formulated By:
Coastal AgroBusiness, Inc.
Greenville, North Carolina

GENERAL INFORMATION

Advance LCO is a proprietary composition of natural carboxylic acids secreted by soil bacteria, fungi, and plant roots, and LCO Promotor Technology®. The natural acids enhance the solubilization and uptake of plant nutrients by regulating microbial growth and function and by controlling the processes that enhance nutrient availability, uptake, and assimilation. Lipochitooligosaccharide (LCO) is a signal molecule that promotes lateral root growth in corn. The combination of materials in **Advance LCO** will promote root development while improving the availability of added nutrients, as well as increasing the availability of phosphorus and other nutrients already found in the soil.

PRECAUTIONARY STATEMENTS / HAZARDS TO HUMANS

CAUTION. Harmful if swallowed. Can cause skin, mucous membrane, and eye irritation. Avoid contact with eyes, skin, or clothing. Use caution when opening. Avoid breathing vapors or spray mists. Use only with adequate ventilation. Wash thoroughly after handling. Remove and wash contaminated clothing before reuse. Do not apply this product in a manner as to directly or through drift expose workers or other persons. Always read and follow product labeling.

FIRST AID

If swallowed: Call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.

If in eyes: Flush eyes with copious amounts of clean water for at least 15 minutes. Remove contacts if present, and easy to do. Do not let the victim rub their eye. Get medical attention.

If on skin: Remove contaminated clothing and wash skin with soap and water. If irritation develops, get medical attention.

If inhaled: Remove the person from the area of exposure. Give artificial respiration if necessary. If breathing is difficult, give oxygen if a qualified operator is available. Seek medical attention.

NOTE: If contact is made with a spray solution containing pesticides, follow the “First Aid” statements on the pesticide label.

STORAGE AND DISPOSAL

Do not store near heat or open flame. Store in original container only. Keep container closed when not in use. Keep from freezing. If damaged or leaking, soak up with absorbent material and place in a suitable container for disposal. Transfer remaining product to a suitable container for storage and label.

Do not contaminate water, food, or feed by storage or disposal. Do not contaminate water by runoff from equipment wash waters or spray materials. Wastes resulting from this product may be disposed of on-site or at an approved waste disposal facility.

Container Disposal: Triple rinse (or equivalent) and add rinsate to spray tank, then offer for recycling, or puncture and dispose of in a sanitary landfill or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

AGRICULTURAL USE REQUIREMENTS AND USER SAFETY RECOMMENDATIONS

When used in conjunction with pesticides, consult the pesticide manufacturer’s label for worker protection recommendations. Use of waterproof gloves and protective eyewear is recommended when handling this product.

DIRECTIONS FOR USE

ADVANCE LCO may be applied in a number of ways to promote root growth and enhance the solubilization, availability, and uptake of plant nutrients. However, for best results, **ADVANCE LCO** is designed to be applied as close to the seed germination zone as possible; therefore, direct in-furrow application is recommended. **ADVANCE LCO** may be applied to the seed furrow at planting as a neat solution or with starter fertilizer recommended for in-furrow or 2 x 2 applications.

RATE SELECTION CHART	
Application	Rate
At Planting	8 oz/acre in furrow alone or with starter fertilizer recommended for in-furrow application.
	10 oz/acre in 2 x 2 applications with starter fertilizer
Side Dress	10-12 oz/acre with fertilizer solution

COMPATIBILITY

Mix and apply with compatible liquid fertilizer products recommended for in-furrow or 2 x 2 applications. Perform a jar test prior to tank mixing products to ensure compatibility. **ADVANCE LCO** is an additive to liquid fertilizer. With prolonged storage and varying environmental conditions, all liquid fertilizers can have a tendency to stratify. Coastal recommends checking with your fertilizer manufacturer for proper storage and handling guidelines, including the need for recirculation. If your fertilizer product has been in storage an excess of 3 months or if you notice stratification has occurred, we recommend you recirculate the product for best results.

Due to variations in materials, soils, waters, and other conditions, the optimum use rate may vary. When mixing in fertilizer solutions, whether for in-furrow, side dress, or other applications, make sure **ADVANCE LCO** is mixed well into the base material to ensure even and proper distribution.

ALWAYS READ AND FOLLOW LABEL DIRECTIONS

SHAKE WELL BEFORE USE

KEEP FROM FREEZING

Torque™ and LCO Promotor Technology® are registered trademarks of Novazymes BioAg, Inc.

NOTICE: Seller warrants that this product conforms to its chemical description and is reasonably fit for the purpose stated on the label when used in accordance with the directions contained on

this label under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use, storage or handling of this product contrary to label instructions, or under abnormal conditions, or under conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use. These risks include, but are not limited to, damage to plants, crops, and animals to which the material is applied, failure to control pests, damage caused by drift to other plants or crops, and personal injury.