



NACHURS CornGrow TQ®

PREMIUM LIQUID MICRONUTRIENTS POWERED BY TORQUE™



NUTRIENTS SUPPLIED (pounds per gallon):

Iron (Fe) EDTA	0.055
Manganese (Mn) EDTA	0.164
Zinc (Zn) EDTA	0.602

Derived from: iron EDTA, manganese EDTA, and zinc EDTA.

PRODUCT PROPERTIES:

Analysis:	.5Fe-1.5Mn-5.5Zn
Weight:	10.95 lbs. per gallon
Specific gravity:	1.31 kg/L
pH:	7.5-9.0
Appearance:	dark, reddish liquid
Odor:	no odor, or mild ammonia

GENERAL PRODUCT INFORMATION:

NACHURS CornGrow TQ® is manufactured with 100% fully EDTA chelated iron, manganese, and zinc. Unlike other micronutrient sources such as complexes, partial chelates, and natural organic complexes, NACHURS EDTA chelated micronutrients are 100% available to the crop. Other micro sources contain too little complexing agent and undergo major chemical changes, delivering significantly less micronutrient in a form available for plant uptake. While these sources of micros may offer cost savings at first, they can actually create deficiencies for lack of availability.

FIRST AID: Please see SDS sheet for more information, call (800) 622-4877 or visit us online at www.nachurs.com.

KEEP OUT OF REACH OF CHILDREN.

*THESE ARE GENERAL PRODUCT RECOMMENDATIONS. PLEASE CONSULT WITH YOUR AUTHORIZED NACHURS DISTRIBUTOR OR AGRONOMIST FOR SPECIFIC FERTILITY RECOMMENDATIONS. THESE RECOMMENDATIONS ARE BELIEVED TO BE RELIABLE AND SHOULD BE FOLLOWED CAREFULLY. FAILURE TO FOLLOW LABEL DIRECTIONS OR IMPROPER APPLICATION PRACTICES, ALL OF WHICH ARE OUT OF CONTROL OF THE MANUFACTURER OR SELLER, CAN RESULT IN PLANT OR LEAF DAMAGE. CROP INJURY MAY RESULT FROM UNUSUAL WEATHER CONDITIONS, FAILURE TO FOLLOW LABEL DIRECTIONS OR IMPROPER APPLICATION PRACTICES ALL OF WHICH ARE OUT OF CONTROL OF NACHURS.

SELLER WARRANTS THAT THE ABOVE PRODUCT CONFORMS TO ITS CHEMICAL DESCRIPTION AND IS REASONABLY FIT FOR THE PURPOSE ON THE LABEL WHEN USED IN ACCORDANCE WITH DIRECTIONS UNDER NORMAL CONDITIONS OF USE (INCLUDING NORMAL WEATHER CONDITIONS). NEITHER THIS WARRANTY NOR ANY OTHER WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, EXPRESS OR IMPLIED, EXTENDS TO THE USE OF THIS PRODUCT WHEN USED CONTRARY TO THE LABEL INSTRUCTIONS OR UNDER ABNORMAL CONDITIONS (INCLUDING ABNORMAL WEATHER CONDITIONS), AND THE BUYER ASSUMES THE RISK OF ANY SUCH USE. NACHURS STARTER OR FOLIAR APPLICATIONS ARE INTENDED TO SUPPLEMENT EXISTING SOIL FERTILITY PROGRAMS AND WILL NOT BY ITSELF PROVIDE ALL THE NUTRIENTS NORMALLY REQUIRED BY AGRICULTURAL CROPS.

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APPLICATION INSTRUCTIONS:

Rate: 1 quart/acre.

NACHURS CornGrow TQ® is formulated to provide necessary micronutrients for optimum corn growth with the advantage of excellent compatibility with NACHURS in-furrow starters.

Compatibility: NACHURS CornGrow TQ® may be applied in combination with other liquid fertilizers, fertilizer suspensions, and nitrogen solutions. Always jar test combinations before field mixing.

GENERAL MIXING INSTRUCTIONS:

- 1) Put 1/3 of fertilizer in tank
- 2) Add other chemicals, if any
- 3) Fill tank with balance of fertilizer
- 4) Add correct amount of chelate
- 5) Agitate adequately to mix

CAUTION: Check compatibility with standard jar test.

NACHURS CornGrow TQ® must be applied with NACHURS liquid fertilizers, other liquid fertilizers, fertilizer suspensions, and nitrogen solutions.

These are general product recommendations. Please consult with your NACHURS Sales Manager or agronomist for specific fertility recommendations.

POWERED BY TORQUE™

Torque with LCO Promoter Technology® for corn enables your crop to achieve its full genetic potential by enhancing nutritional capabilities that drive natural growth processes, maximizing plant health, and crop performance. Specially formulated for easy, flexible application with NACHURS liquid fertilizers, Torque takes the genetic potential of corn to a new level.

Benefits received from enhanced nutritional capabilities include:

- Enhanced root and shoot development for improved nutrient and water uptake
- Improved plant health enables plants to better handle environmental pressures
- Consistent yield increases

What is LCO Promoter Technology?

LCO (lipo-chitoooligosaccharide) Promoter Technology is a unique molecule that, when present at the time of planting, enhances a plant's nutritional capabilities which drives the natural growth processes such as root and shoot development, immediately and independently of variety, soil, and environmental conditions. The natural growth processes are advanced for a healthier start for plants, translating into higher yields and better returns at the end of the season.

THE ROLE OF MICRONUTRIENTS:

Iron (Fe)

Iron functions as a catalyst in several processes within the plant. It plays a vital role in the formation of chlorophyll and also functions in the respiratory enzymes. Iron serves in the transportation of energy in the plant. Iron is also an immobile nutrient and nutrient deficiencies are usually noticed first in the young leaves. They will first exhibit interveinal chlorosis which will spread over the entire leaf and turn the leaf white. New growth will cease and the leaves will die.

Zinc (Zn)

Zinc is necessary for starch formation and proper root development. It is also essential for seed formation and maturity. The most common nutrient deficiencies include interveinal chlorosis on older leaves with shortening of the internodal area. This shortening often results in a short compressed plant with a rosetted appearance.

Manganese (Mn)

Manganese is essential to plants but too much is toxic. Manganese functions in chlorophyll development and serves as a catalyst in several enzyme systems in the oxidation-reduction process. Manganese deficiencies are very similar to iron deficiencies and appears in the younger leaves of the plant first. Color may be pale between the veins of broadleaf plants.

FOR OVER 70 YEARS, NACHURS® HAS BEEN THE INDUSTRY LEADER IN NPK LIQUID FERTILIZER TECHNOLOGY



visit us online: www.nachurs.com