



Aqua-Tech® 2-0-20

PREMIUM IRRIGATION FERTILIZER



NUTRIENTS SUPPLIED (pounds per gallon):

Total Nitrogen (N).....	0.23
Soluble Potash (K ₂ O).....	2.26
Sulfur (S).....	0.90
Boron (B).....	0.023
Calcium (Ca).....	0.011
Zinc (Zn).....	0.045

Derived from: ammonium hydroxide, potassium acetate, potassium thiosulfate, urea-triazone, sodium borate, calcium EDTA, and zinc EDTA.

0.166 pounds of nitrogen derived from slowly available nitrogen.

PRODUCT PROPERTIES:

Analysis:	2-0-20-8S-0.2B-0.4Zn
Weight:	11.3 lbs. per gallon
Specific gravity:	1.355 kg/L
pH:	8.7-9.7
Appearance:	clear, opaque
Odor:	slight ammonia

NOT RECOMMENDED FOR STORAGE BELOW 40°F.

GENERAL PRODUCT INFORMATION:

Aqua-Tech® 2-0-20 is a new and improved nutritional product for use in drip irrigation and/or foliar applications where potassium, sulfur, and/or micronutrients are required. It is comprised of slow release nitrogen (SRN), 100% chelated micronutrients, and an efficient, highly soluble source of potassium known as Bio-K®. **Aqua-Tech® 2-0-20** is manufactured with the highest quality raw materials on the market today, allowing for continued and safe use in drip irrigation systems as a more efficient use of available plant nutrients. Once absorbed by the plant, it helps to promote a healthier plant and root system, and ultimately helps to improve crop productivity. **Aqua-Tech® 2-0-20** is well adapted to all cropping and management systems (not limited to drip irrigation) which require large amounts of potassium, including but not limited to row crops, vegetables, fruit, tree, and turf/oramentals.

Crop injury may occur from unusual weather conditions. The user assumes all risk of use and handling. Do not apply **Aqua-Tech® 2-0-20** to any crop which may be sensitive to sulfur, as plant or leaf injury may occur. It is always best to apply **Aqua-Tech® 2-0-20** (not including drip irrigation) early in the morning or late evening. Foliar applications made during periods of high temperature (> 90°F) or low humidity (< 30%) can result in plant and leaf tissue damage.

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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visit us online: www.nachurs.com

APPLICATION INSTRUCTIONS:

Aqua-Tech® 2-0-20 fertilizer is supplied in a ready to use liquid form, making its application by fertigation systems and spray equipment convenient and easy. It can easily be injected into drip irrigation systems via injection points directly from storage containers (totes, tanks, etc.). Applications of **Aqua-Tech® 2-0-20** has the advantage of allowing producers to add necessary nitrogen, potassium, and micronutrients when:

1. Tissue analysis indicates a N, K or micronutrient shortage
2. Large fruit or grain load is expected
3. Deficiency N, K or micronutrient symptoms appear

FERTIGATION RATES*:

Rates will vary based on crop, nutrient demand, and environment, with seasonal totals ranging from 3 to 20 gallons per acre. 3 to 5 gallons per acre per application, at 1 to 4 times during the season is common, with the highest demand occurring during fruiting, flowering, and/or yield determination. Do not apply with UAN solutions as insoluble precipitates will form. Flush system with water and/or acid prior to and following application.

	RATIO
Water Hardness	Water - Aqua-Tech
Up to 475 ppm - mg/L (27GPG)	300:1
500 ppm - mg/L (29GPG) to 1000 ppm - mg/L (58GPG)	500:1
Above 1000 ppm - mg/L (58GPG)	Do NOT use Aqua-Tech

FOLLOW EQUIPMENT MANUFACTURER'S ACID FLUSH RECOMMENDATIONS.

FOLIAR RATES*:

Aqua-Tech® 2-0-20 is recommended for use (but not limited to) on the following crops:

- Corn (Field):** Apply 2 gallons per acre on the young plant when sufficient foliage is present. Apply 1 to 2 gallons per acre at tasseling and/or again after pollination.
- Alfalfa:** Apply 1-2 gallons to the crown at early green-up and then again after each cutting allowing for sufficient regrowth.
- Canola:** Apply 3-5 gallons per acre at bud to bolting stage.
- Sugar Beets:** Apply 1-2 gallons prior to row canopy closing or anytime tissue tests indicate additional potassium is needed.
- Dry Beans:** Apply ½-1 gallons per acre at early bloom.
- Potatoes:** Apply 2 gallons per acre at tuber initiation and repeat at tuber bulking.
- Small Grains:** Apply 1-2 gallons per acre at tillering to early boot stage.
- Soybeans:** Apply 1-2 gallons per acre at the R2 – R4 growth stages.
- Cotton:** Apply 1-2 gallons per acre at first flower. Then apply 1-2 gallons per acre at a weekly or bi-weekly interval following the first application for a minimum of three applications.
- Peanuts:** Apply 1-2 gallons per acre anytime after pegging.
- Leafy vegetables (lettuce, spinach, collards, etc.):** Apply ½ - 2 gallons at thinning.
- Tomato and peppers:** Apply ½ - 2 gallons during flowering and/or fruiting.
- Cucurbits:** Apply ½ to 2 gallons at bud formation, repeat at 14 day intervals as needed.
- Small fruit:** Apply ½ to 1.5 gallons beginning at fruit set.

POWERED BY



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Aqua-Tech® 2-0-20 liquid fertilizer may be used foliar anytime additional nutrition is needed. Use enough water to ensure good coverage. Contact your NACHURS® DSM or NACHURS Agronomist for more information concerning this product.

Aqua-Tech® 2-0-20 may be mixed with other fertilizers, fungicides or pesticides. Always jar test to determine compatibility.

FOLIAR MIXING INSTRUCTIONS:

- Fill tank with 1/2 of required water
- Start agitation and continue agitation during filling and spray application
- Add other products to be tank making sure they are completely mixed
- Begin adding remaining water while adding the **Aqua-Tech® 2-0-20**

THE ROLE OF MICRONUTRIENTS:

Aqua-Tech® 2-0-20 offers 3 essential micronutrients required for proper plant growth and development. All are chelated except Boron:

Boron: Critical for new growth of plant and in pollination and reproductive stages. Essential for maintaining sugar and starch balances.

Calcium is very critical in the production of crops. It improves the absorption of nutrients by roots and their translocation within the plant.

Zinc: Promotes root development, vigorous shoot growth, stress tolerance, and a more even maturity.

Aqua-Tech® 2-0-20 is not intended as a replacement for a sound fertility program, but rather as a management tool in fertigation and/ or foliar fertilization to help maximize yield and quality.

POWERED BY BIO-K®:

Designed for all crops that require potassium, Bio-K® is an innovative potassium technology. Unlike other forms of potassium, Bio-K® is a natural plant metabolite that provides the most efficient nutrient uptake. Using Bio-K® technology results in quicker germination, improved root development and an elevated abiotic stress tolerance; leading to better plant establishment, more vigorous growth and higher yields.

