



ACA[®] Plus[®] 7-0-0

MIXES READILY IN WATER AND MOST LIQUID FERTILIZERS

GUARANTEED ANALYSIS

Total Nitrogen (N)	7.00%
7.0% Ammoniacal Nitrogen	
Total Zinc (Zn)	8.50%

Derived from anhydrous ammonia and zinc oxide.

Chlorine (Cl), Maximum	0.01%
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U.S. Patent No. 4,352,688; 5,637,553FL

F1548

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

See Inside For Additional Precautionary Statements

Density 10.1 Lbs./Gal.

NET WEIGHT LBS. (KG)

LIQUID MEASURE GALS. (L)

GUARANTEED BY:



P.O. BOX 1286
GREELEY, COLORADO 80632-1286

IHT C0110 (National + FL)

PRECAUTIONARY STATEMENTS

CAUTION

May be harmful if swallowed, inhaled or absorbed through skin. May cause eye and skin irritation. Avoid contact with eyes, skin and clothing. Avoid breathing vapors. Use with adequate ventilation. Eye protection and gloves are suggested when handling undiluted product. Wash thoroughly after handling.

FIRST AID

If in eyes: Immediately flush eyes with plenty of water. Continue flushing for at least 15 minutes and call a physician if irritation persists. **If on skin:** Flush affected skin with water. Remove contaminated clothing. Launder clothing before reuse. **If inhaled:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician if indicated. **If swallowed:** Drink plenty of water if conscious. Call a physician or poison control center immediately for advice on inducing vomiting. Do not induce vomiting or give anything by mouth to an unconscious person.

**FOR A MEDICAL EMERGENCY INVOLVING
THIS PRODUCT CALL: 1-800-301-7976**

STORAGE AND DISPOSAL

STORAGE: Store in original containers only. KEEP CONTAINER TIGHTLY CLOSED WHEN NOT IN USE. LOSS OF AMMONIA WILL CAUSE PRODUCT TO SOLIDIFY. Store in a cool, dry, well ventilated place, preferably in a locked storage area. Store out of direct sunlight.

PRODUCT DISPOSAL: If possible, dispose of excess product by use according to label directions. Contact your state environmental agency or the hazardous waste representative at your EPA Regional Office for guidance on other approved practices.

CONTAINER DISPOSAL: Do not reuse container for other purposes. Triple rinse container, then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill or by other procedures approved by state and local authorities.

GENERAL INFORMATION

ACA PLUS 7-0-0 is a plant nutrient solution that contains ACA, a patented agricultural crop additive, in a super soluble, neutral pH formulation. When used as a supplement to a regular fertilizer program, this product may improve vigor, quality, production and stress tolerance in a broad range of crops. It will not by itself provide all the nutrients normally required by crops.

ACA PLUS 7-0-0 can be used for a number of different applications, such as:

Soil applications	Transplant solutions
Foliar applications	Dry fertilizer impregnation

A few of the crops that can be treated are:

Corn	Cabbage	Sugarbeets	Celery	Wheat	Carrots
Tomatoes	Onions	Sunflowers	Okra	Dry Beans	Many Others
Potatoes	Turf	Snap Beans	Alfalfa	Soybeans	Cucurbits

General information for these applications is provided on this label. Consult current product bulletins for additional information.

EQUIPMENT

Brass, copper and galvanized metals may be subject to mild corrosion from prolonged or repeated contact with this product.

COMPATIBILITY

ACA PLUS 7-0-0 can be applied alone or with other compatible spray materials. Proposed mixtures should be evaluated in a jar test before full scale use. Fertilizer based mixtures that also contain pesticides should be sprayed as soon as possible.

Note: When combining ACA PLUS 7-0-0 with phosphate fertilizers vigorous agitation is required for good product mixing. See mixing directions below for more information.

MIXING INSTRUCTIONS

In combination with water based mixtures, nitrogen solutions, or pesticides, mix as follows: 1) Fill mixing tank about ½ full with water. 2) Start agitation and add required amount of ACA PLUS 7-0-0. 3) Finish filling tank with water and pesticide. Continue agitation until tank is emptied. Apply the spray mixture as soon as possible and avoid storing for prolonged periods.

Note: When combining ACA PLUS 7-0-0 with phosphate fertilizers, mix as follows: 1) Add a small amount of fertilizer to the mixing tank. 2) Start bypass agitation, then add the required amount of ACA PLUS 7-0-0, and vigorously agitate until it is completely mixed into solution. 3) Add remaining phosphate fertilizer and continue agitation until tank is emptied. When phosphate fertilizers are combined with ACA PLUS 7-0-0, bypass agitation alone does not provide sufficient agitation to ensure a good product mixture. Remove in line strainers on the suction side of the pump when combining ACA PLUS 7-0-0 with phosphate fertilizers. Liquid fertilizer is typically used as the diluent for starter or side dress applications. Check compatibility of specific liquid fertilizer mixtures before use. Using at least 5 to 10 gallons of liquid fertilizer per acre generally results in best compatibility.

APPLICATIONS

Broadcast, Band or Side Dress Applications to Soil: The soil broadcast rate of ACA PLUS 7-0-0 is 3 to 5 pints per acre. For band or side dress applications use 1 to 3 pints per acre. Typical application timing is from two weeks preplant through early cultivations or early postemergent crop stages. Row crops generally respond better when the product is applied closer to the seed furrow. Best results may be obtained when ACA PLUS 7-0-0 is incorporated or injected below the soil surface. Rainfall or irrigation soon after application may also aid in achieving proper placement. When mixing this product with starter fertilizers, use at least 2 gallons of starter for each 1 pint of ACA PLUS 7-0-0. For certain vegetable crops and gardens, a band application over the planted row followed by watering-in is a useful method of application.

In-Furrow Injection Application to Soil: Apply at the rate of 1 to 3 pints per acre at planting. In order to deliver the recommended amount, injection equipment must be calibrated using the same mixture that will be applied. Consult equipment manufacturer's literature for calibration procedure. If dilution is necessary to obtain the proper flow rate, use only clean water or microfiltered 28-0-0 for dilution. In cool weather (35° to 60° F) where temperatures are expected to fluctuate during the application period, the flow rate will be most consistent if at least 1 part water is used with each 2 parts of ACA PLUS 7-0-0. If pesticides are added, check compatibility and follow label precautions and directions for each product used. Injection pump units for planter or drill mounting are available from Custom Ag Products, Inc.; Benson, Minnesota.

Drip Irrigation Systems: Apply 1 to 3 pints per acre several times from preplant through seedling and early vegetative crop stages. Regular growing season use may be desired for established groves or orchards, although spring is probably the best time for a single application. For new plantings, apply in spring. Use a backflow prevention device to avoid contamination of the water supply.

Foliar Applications: For foliar applications, apply at the rate of 1 to 2 pints per acre. Use a minimum spray volume of 5 gal-

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lons of water per acre by air and 8 gallons of water per acre by ground. Several applications per growing season may be beneficial. Consult with local agricultural advisors regarding potentially sensitive crop varieties. If applied through a sprinkler system, use a backflow prevention device to avoid contamination of the water supply.

Transplant Solutions: Apply at the rate of 1½ to 3 pints per acre in sufficient water to thoroughly drench soil around transplants and move ACA PLUS 7-0-0 into the root zone. Approximately 50 to 200 gallons of water per acre may be needed, depending on equipment. A compatible high phosphate fertilizer, such as 10-34-0 or 8-31-4, may be added if desired. Many transplant programs use about 2 quarts per acre of such fertilizer. Seedbeds can be treated similarly soon before or after seeding.

Dry Fertilizer Impregnation: Many dry fertilizers may be impregnated with ACA PLUS 7-0-0. Treat such that the 3 to 5 pints per acre application rate will be achieved when the dry fertilizer is spread. Blends containing at least 50% of a mixture of urea, ammonium phosphate and/or nitrate type fertilizers are generally suitable for impregnation. However, blends high in urea may become sticky depending on the total amount of liquid applied. Apply ACA PLUS 7-0-0 uniformly to the dry blend using a spray bar in the blender, a nozzle mounted on an auger, a nozzle mounted over a conveyer, or other similar setup. Use water to dilute ACA PLUS 7-0-0 if additional spray volume is needed for coverage. For best results, dry blends must be applied to soil uniformly and should be incorporated into the root zone of the crop. Use the blend as soon as possible after blending.

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.regulatory-info-lpi.com/>

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GREELEY, COLORADO 80632-1286



