

MAXIMIZE PESTICIDE PERFORMANCE, ADD MICROPAC FIRST! MICROPAC REDUCES THE HYDROLYSIS OF PESTICIDES

Most pesticides - particularly organophosphates and carbamates - will hydrolyze in alkaline water. The more alkaline the spray tank water - the greater the amount of pesticide hydrolysis. Much of the spray tank water used is naturally alkaline. The longer the spray mix remains in the tank, the greater the amount of hydrolysis. Hydrolysis reduces the effectiveness of pesticides. MICROPAC is formulated to slightly acidify spray tank water. Adding MICROPAC first with the spray tank water prior to adding pesticides will reduce hydrolysis.



MICROPAC IS RECOMMENDED TO BE USED WITH HOOK, A MULTI-FUNCTIONAL ADJUVANT

- MICROPAC pH ranges from 3 - 5. MICROPAC reduces hydrolysis of pesticides when used at the suggested rate (See Directions for Use).
- Foliar application - provides the plant with an immediate response and enhances the ability of the plant to thrive under stress conditions.
- MICROPAC has the ability to stay on the leaf (sticking), enhancing absorption.
- MICROPAC increases yield.

ADD MICROPAC FIRST

GENERAL INFORMATION

MICROPAC is a liquid foliar fertilizer containing nitrogen, phosphorus, potash and seven micronutrients. MICROPAC is chloride-free, and the trace elements are chelated with EDTA to facilitate ease of absorption and utilization. MICROPAC should be mixed with water prior to application and may be used in conjunction with pesticide spray.

Do not use with dormant oil, dinitro compounds, lime-sulfur and/or highly alkaline spray materials (>10 pH). When applying MICROPAC to brassica crops or other plants with a waxy leaf surface, a wetting agent may be included to ensure good leaf coverage. Might we suggest HOOK?

The rates given under 'Directions For Use' should be adjusted according to the crop stage of development, the number of applications intended, and the soil and weather conditions. Higher rates are recommended when the leaf area is small, if only a single application is intended or when soil and weather conditions are unfavorable for crop growth. For best results, applications should begin as soon as the leaves are large enough to absorb and utilize the nutrients and should continue at 10-14 day intervals during the primary growth period. For guaranteed results, four (4) applications are needed, especially for stressed crops.

MICROPAC is recommended to be used in crop protection sprays with a minimum volume of 4 1/2 gallons of spray per acre by ground and 2-3 gallons of spray per acre by air; however, the concentration of MICROPAC fluid should not exceed 4 quarts in 10 gallons of water. Avoid spraying during full bloom. When spraying blossoms, use lower concentrations.

STORAGE

Store at room temperature. Do not store under excessively hot or cold temperatures for long periods. May be mildly corrosive to steel and brass. Do not store with food, or other materials to be used or consumed by humans or animals. Do not contaminate water supplies, lakes, streams or ponds with this product. Replace cap and keep container closed when not in use.

CONDITIONS OF SALE

LIMITED WARRANTY AND LIMITATIONS OF LIABILITY AND REMEDIES

Read the conditions of Sale Warranty and Limitations of Liability and Remedies before using this product. If the terms are not acceptable, return the product, unopened and the full price will be refunded.

The directions on this label are believed to be reliable and should be followed carefully. Insufficient control of pests and/or injury to the crop to which the product is applied may result from the occurrence of extraordinary or unusual weather conditions or the failure to follow the label directions or good application practices, all of which are beyond the control of Atlantic-Pacific Agricultural Company, Inc. (APAg) or the seller. In addition, failure to follow label directions may cause injury to crops, animals, man or the environment.

APAg warrants that this product conforms to its chemical description and is reasonably fit for the purpose referred to in the directions under normal conditions of use. Neither this warranty nor other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions, or under abnormal conditions. The exclusive remedy against APAg for any cause of action relating to the handling or use of this product shall be limited to, at APAg's elections, one of the following: 1) Refund of the purchase price paid by buyer or user for product bought, or 2) Replacement of the product. To the extent allowed by law, APAg shall not be liable and any and all claims against APAg are waived for special, indirect, incidental or consequential damages or expense of any nature, including, but not limited to, loss of profits or income. APAg and the seller offer this product and the buyer and user accept it, subject to foregoing conditions of sale and limitation of warranty, liability and remedies.

11 - 8 - 5 PLUS MICRONUTRIENTS GUARANTEED ANALYSIS			
Total Nitrogen (N)	11.00 %	Copper (Cu).....	0.0500 %
2.75 % Ammoniacal Nitrogen		0.05% Chelated Copper	
1.55 % Nitrate Nitrogen		Iron (Fe).....	0.1000 %
6.70 % Urea Nitrogen		0.10% Chelated Iron	
Available Phosphate (P ₂ O ₅)	8.00 %	Manganese (Mn).....	0.0500 %
Soluble Potash (K ₂ O).....	5.00 %	0.05% Chelated Manganese	
Boron (B)	0.0200 %	Molybdenum (Mo).....	0.0005 %
Cobalt (Co)	0.0005 %	Zinc (Zn).....	0.0500 %
		0.05% Chelated Zinc	
Derived from Aqua Ammonia, Potassium Nitrate, Urea, Phosphoric Acid, Sodium Tetraborate, Cobalt Sulfate, Copper EDTA, Iron EDTA, Manganese EDTA, Sodium Molybdate and Zinc EDTA.			



WARNING

If SWALLOWED:

Rinse mouth; Call a POISON CENTER/doctor if you feel unwell. Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.

If INHALED:

Wash with plenty of water; Take off contaminated clothing and wash it before reuse.

If ON SKIN:

Rinse cautiously for 15 minutes. Remove contact lenses, if present and easy to do. If eye irritation persists: get medical advice/attention.

If IN EYES:

Rinse cautiously for 15 minutes. Remove contact lenses, if present and easy to do. If eye irritation persists: get medical advice/attention.

Manufactured By
**ATLANTIC PACIFIC
AGRICULTURAL COMPANY, INC.**
525 Clubhouse Drive
Peachtree City, GA. 30269
Phone 770-629-5514



**MICROPAC
is Proudly Made
in the U.S.A.**

**FOR EMERGENCY CALL:
CHEMTTEL, 800-255-3924**

ATLANTIC-PACIFIC AG

Net Contents 275 Gallons / 2,805 Lbs.

DIRECTIONS FOR USE

**ALL PURPOSE: ADD MICROPAC FIRST FOR BEST RESULTS AND MAXIMUM PERFORMANCE!
WE RECOMMEND ADDING MICROPAC WITH HOOK - MULTI-PURPOSE ADJUVANT.
CHECK COMPATIBILITY BEFORE MIXING WITH CHEMICALS.**

CROP	SUGGESTED RATE PER APPLICATION	
	QUARTS/ACRE	REMARKS*
I. AGRICULTURE		
Alfalfa	1 - 2	On alfalfa grown for seed, 3-4 applications are recommended. On alfalfa grown for hay, apply after each cutting when leaves are formed.
Apples, peaches, pears and other fruit crops	2	Apply with all pre- and post-bloom sprays. Include in each application of the summer spray program.
Avocado	2	Apply with crop protection sprays.
Beans, peas and other vegetables	1 - 2	Begin application after second leaf unfolds up to blooms at 1-2 week intervals. One (1) to two (2) applications after pod formation.
Blackberries, boysenberries, raspberries, and other small fruit crops.	1 - 1.5	2-3 applications before bloom (flowering). 1 application after fruit set.
Brussel sprouts, cabbage, cauliflower and other brassica crops, etc.	1.5 - 3	Apply at 7-10 day intervals, using minimum of four (4) applications. A wetting agent may be added to ensure good coverage. Do not apply more than one (1) quart to Chinese Cabbage.
Cantaloupes	2	Apply once per week throughout the growing season
Celery, lettuce, endive, and other salad crops.	1 - 1.5	Apply at 7-10 day intervals throughout the main growing season as soon as the 3rd and 4th leaves unfold.
Canola	1 - 2	Apply anytime during the growing season and with crop protection sprays.
Carrots, Parsley, Artichokes	1 - 3	Apply frequently, as weather conditions warrant and amount of growth desired.
Citrus	3 - 5	Apply at 7-10 day intervals. (Higher rate for full bearing trees.)
Corn	1 - 2	Begin sprays after crop emergence, or when crop is approximately 8 inches high.
Cotton	2	Begin after formation of the second leaf and with crop protection sprays.
Cucumbers, melons, squash, & other vine crops	1 - 2	Begin as soon as the second true leaf unfolds for a total of six (6) applications.
Grapes, Table Wine, Raisin & Juice	2	Apply at 6-inch shoot stage and prebloom stage of growth. Sequential applications as needed
Hops	2 - 3	Apply when vines are halfway to the wire. Repeat in two weeks.
Nuts (All)	2	Apply with all pre- and post-bloom sprays. Spray almond trees with MICROPAC after harvest and prior to going dormant.
Onions	1 - 2	Apply at 6 leaf stage. Repeat if necessary 10-14 days later. Also apply 2 qts./acre at bulb.
Peanuts	2 - 3	Apply with routine crop protection.
Potatoes, tomatoes, eggplant, and other solanaceous plants.	1 - 2	In routine crop protection sprays at 7-10 day intervals. See notes.
Rice	1 - 2	Apply at Panicle Initiation or early booting. Do not apply at both growth stages as a reduction in yield may occur.
Soybeans	1 - 3	Begin application after second leaf unfolds up to bloom. One (1) to two (2) applications after pod formation.
Sugar beets	2 - 3	Apply just after the fourth leaf unfolds for a total of three (3) applications two (2) weeks apart.
Strawberries	1	Begin application as soon as growth starts in spring. One (1) to two (2) applications to bloom. Continue after harvest in two (2) to three (3) week intervals.
Sorghum	1 - 2	Begin sprays after crop emergence, or when crop is approximately 8 inches high.
Tobacco		
- In beds	1	Foliar spray as growing conditions warrant.
- Transplanting	6 oz.	Add to transplant water (per 100 gallons).
- After Transplanting	1	Foliar spray as growing conditions warrant.
Wheat, barley and rye.	2 - 3	Begin after crop comes out of dormancy and continue at 2-3 week intervals.
II. TRANSPLANTING SOLUTIONS		
		Add 6 oz. per 100 gallons of transplant solution.
III. LAWN & TURF		
	1 - 2	Apply as growth begins in the spring not less than 100 gallons of water per 5000 sq. ft. as needed until dormancy. Foliar application only meant to supplement, not to replace soil applied fertilization.
IV. GREENHOUSE CROPS AND ORNAMENTALS		
	1 - 1.5	Apply in not less than 100 gallons of water as needed.

*Application of MICROPAC can be made with most crop protection sprays. Band application may be made using the above formula to calculate applications.
Band width in inches / Row width in inches X Rate / Acre Broadcast = Amount needed for treatment