

AcidipHy™ L

Irrigation Water Acidifier

EFFECTIVE FOR

High pH Soils

Calcareous Soils

Poor Water Conditions

Disease Prevention

Pesticide Enhancement

Stress Reduction

Salt and Bicarbonate
Reduction/Management

AQUA·AID

800-394-1551
www.aquaaid.com

AcidipHy™ L

Irrigation Water Acidifier

INCREASE ACIDITY WHILE REDUCING
BICARBONATES, SODIUM, AND SOLUBLE SALTS

AcidipHy Liquid is a unique blend of acidifying agents combined with a surfactant and manganese sulfate. **AcidipHy** Liquid is designed to be applied either through the irrigation system or in a tank spray. This combination of chemistries is formulated to provide the superintendent with a proactive approach for:

- Lowering pH of irrigation water and soil profile water
- Neutralizing the negative effects of high bicarbonate and carbonate levels in irrigation water and the soil solution
- Maintaining the solubility of Ca and Mg in irrigation and soil water
- Improving the ability of soil-applied Ca-based amendments to produce soluble Ca
- Dissolving calcium carbonate and magnesium carbonate salts on the surface (crusting) and in the soil profile

AcidipHy Liquid utilizes and/or releases soil nutrients that are present but previously not available to the soil or plants. **AcidipHy** Liquid lowers the soil and soil solutions pH. **AcidipHy** Liquid enhances stress resistance by allowing the plant/soil to regain balance and release of nutrients. **AcidipHy** Liquid provides varying rates to allow for optimal effect based on soil/paste/water test data.

Water and soil samples should be taken and analyzed on a routine basis by a reputable lab. Apply and immediately irrigate to field capacity to flush salts. **AcidipHy** Liquid may be applied monthly or as necessary to maintain desired salt and bicarbonate levels. Apply at a minimum dilution rate of 50 parts water to 1 part **AcidipHy** Liquid.

DO NOT combine **AcidipHy** Liquid in the spray tank with pesticides or fertilizers unless prior use has shown the combination physically compatible, effective and non-injurious under local conditions.

COMPOSITION

AcidipHy Liquid is an acidifier used to adjust the pH of irrigation water.

Active Ingredients:

8.5%	Hydrochloric acid **
8.5%	Phosphoric acid **
0.75%	Oxalic Acid
3.0%	Calcium lignosulfonic acid
1.5%	Non-ionic polyol (dispersing agent)
1.0%	Manganese Sulfate
76.75%	Water

AcidipHy Liquid is available in 55, 30 and 2.5 gallon recyclable containers.*

** Corrosion inhibited

*Check with your distributor for availability.

APPLICATION RATES

Sprayable Application: Tank mix **AcidipHy** Liquid at 1 to 4 quarts per acre in a 1 to 2 gallon spray solution per 1000 ft² (3 to 9 L/ha in a 400 to 800 L spray solution). Apply sufficient water to move product into the soil profile.

Irrigation Injection Application: Based on irrigation water hardness, inject **AcidipHy** Liquid at 1 to 9 gallon in 50 to 450 gallons of water per acre (10 to 85 L/ha in 470 to 4200 L of water) every month or as needed.

50 Bicarbonate ppm	1 gal/acre	(10 L/ha)
100 Bicarbonate ppm	2 gal/acre	(20 L/ha)
200 Bicarbonate ppm	4 gal/acre	(37 L/ha)
300 Bicarbonate ppm	6 gal/acre	(55 L/ha)
400 Bicarbonate ppm	8 gal/acre	(75 L/ha)
450 Bicarbonate ppm	9 gal/acre	(85 L/ha)



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