VEGETABLE CROPS - HYDROPONIC LETTUCE

General Information

APPLICATION GUIDELINES

ACADIAN Organic is derived exclusively from marine plants harvested from the nutrient-rich waters of Eastern Canada. Consistent use of ACADIAN Organic supplements a well-balanced crop nutrition program. Use ACADIAN Organic to increase yield and quality, improve overall plant nutrition, improve root growth and development, improve plant vigor, and maximize crop potential during periods of stress. To achieve the desired results, the levels of major and minor nutrients must be adequate to support the increase in production. The following rates and timings of application are recommended for optimum efficacy.

Compatibility: ACADIAN Organic is compatible with most insecticides, fungicides and fertilizers. Some pH adjustments may be required with acidic mixtures. Add surfactants after the product has completely dissolved in the tank solution. When mixing with calcium products, thoroughly mix ACADIAN Organic with the water in the tank prior to adding the calcium product. If interaction of chemicals is unknown, a "jar" compatibility test is recommended.

DIRECTIONS FOR USE

ACADIAN Organic fully dissolves in water and is suitable for use in liquid foliar, soil applied, and irrigation water applications. Shake well before use. Regular applications are important for maximizing crop potential during unexpected stress.
Foliar Applications: Fill half the spray tank with water, begin agitating and gradually add recommended amount of ACADIAN Organic with remainder of water and spray solution. Use enough water for good spray coverage. The foliar spray should be applied as a fine mist, with low fluid velocity until the foliage is wet. Do not foliar-apply during times of moisture or heat stress. For best results apply during the cool part of the day or when temperatures are below 85 degrees Fahrenheit. Do not spray just before or after rainfall or sprinkler irrigation. Use a surfactant for maximum dispersal and leaf adherence. Application rates for permanent crops should be adjusted based on plant size and leaf area.

Soil applications: Soil applied treatments can be made by mixing with soil-applied fertility, directed sprays to the soil, sidedress treatments, applications through the irrigation systems or other methods which effectively apply ACADIAN Organic to the soil. Continuous agitation of the supply tank is recommended. ACADIAN Organic can be applied through drip, microject, sprinkle, overhead, furrow, flood and other types of irrigation at the suggested rates. Avoid heavy irrigations immediately following application.

Late Season and Post-Harvest Applications: ACADIAN Organic is an excellent way to encourage root growth and prepare perennial crops for next season’s early growth. Apply to the soil or foliar using above methods.

ADDITIONAL APPLICATIONS SHOULD BE MADE IMMEDIATELY PRIOR TO OR FOLLOWING STRESS PERIODS SUCH AS CHILL, HEAT OR DROUGHT.

Limitations, Restrictions, and Exceptions

Hydroponic Lettuce
In substrate culture systems, apply continuously with each fertigation cycle. In closed systems, reapply every 7-14 days.

Method
Hydroponic
Timings
N.A.