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## GUARANTEED ANALYSIS

Soluble Potash ( $K_2O$ )

17%

Derived from seaweed extract (*Ascophyllum nodosum*) and potassium hydroxide

F000148

Information regarding the contents and levels of metals in this product is available on the internet at <http://www.aapfco.org/metals.html>

**Benefits of Use:** Consistent use of AscoStar™ supplements a well-balanced crop nutrition program. Use AscoStar™ to increase yield and quality, improve overall plant nutrition, improve plant establishment 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.

**Storage and Handling:** Product should be stored away from intense sunlight and heat.

**Compatibility:** AscoStar™ is compatible with most fertilizers, herbicides, fungicides and insecticides. 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 AscoStar™ with the water in the tank prior to adding the calcium product. If interaction of chemicals is unknown, a "jar" compatibility test is recommended.

**WARRANTY STATEMENT** The manufacturer warrants that this product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with the directions under normal conditions of use. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials or the manner of use or application, all of which are beyond the control of the manufacturer. In no case shall the manufacturer be liable for consequential, special or indirect damages resulting from the use or handling of this product. The manufacturer makes no warranties of merchantability or fitness for a particular purpose nor any other express or implied warranty except as stated above.



### DIRECTIONS FOR USE

AscoStar™ is water soluble and is suitable for use in liquid foliar, soil applied, irrigation, and fertigation applications.

The product may not be applied near water, storm drains or drainage ditches or to any impervious surface.

The product may not be applied if heavy rain is expected.

The product may only be applied to the intended application site.

**Mixing Instructions:** When possible, add AscoStar™ to the spray or fertilizer tank mix first. Fill half the mixing container with clean water, begin agitating and gradually add recommended amount of AscoStar™ and the remainder of water.

**Foliar Applications:** 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°F. Do not spray just before or after rainfall or sprinkler irrigation. Use a mild rate of surfactant for maximum dispersal and leaf adherence.

**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 AscoStar™ to the soil. When making irrigation treatments dilute 1 pound of AscoStar™ with a minimum of 1 gallon of clean water before adding to the supply tank. Continuous agitation of the supply tank is recommended. AscoStar™ can be applied through drip, microjet, sprinkle, overhead, furrow, and other types of irrigation at the suggested rates. For micro sprinkler, solid set or drip irrigation, apply after the system is fully pressurized. Inject to ensure uniform coverage, then follow with clean water to clear system of all product. Avoid heavy irrigation following application as that could leach material beyond the root system of the crop.

**Rooting/Transplant Solution:** To encourage the establishment of new transplants, treat roots with a solution of AscoStar™ at the rate of 2.5 to 7.5 dry ounces per 20 gallons of water prior to transplanting.

**Post-Harvest Application:** AscoStar™ is an excellent way to prepare perennial crops for next season's growth. Apply to the soil or foliar using above methods.

### GENERAL APPLICATION RATES

**Strawberries, Vegetable Crops, Corn, Soybeans, Cotton, Peanuts, Potatoes and Herbs:** Apply 1 to 2 pounds per acre starting at planting with repeat treatments every 7-30 days. Applications can be made either foliar or to the soil. Apply 3-5 days prior to an anticipated plant stress.

**Hydroponics:** Dilute AscoStar™ to a ratio of 0.13 to 0.25 dry ounces per 100 gallons of water. In a recirculation system, replace solution regularly (every 1-2 weeks). In a non-recirculation system, apply solution with every pulse.

**Woody Perennial Crops (Trees, Vines, Bushes, etc.):** Apply 1 to 4 pounds per acre starting at growth in the spring. Repeat treatments every 7-30 days. At transplanting, a root treatment can be used. Post-harvest applications can be made every 1-4 weeks from harvest to dormancy. Applications can be made either foliar or to the soil. Apply 3-5 days prior to an anticipated plant stress.

**ADDITIONAL APPLICATIONS SHOULD BE MADE IMMEDIATELY PRIOR OR FOLLOWING STRESS PERIODS**

### Manufactured by and guaranteed by:

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Acadian Plant Health™ is a division of  
Acadian Seaplants Limited

PRODUCT OF CANADA

**NET WEIGHT:**  
44.1 lb  
20 kg

US\_AS1794-2\_0623



**ACADIAN™  
PLANT HEALTH**