AGRI SCIENCES BIOLOGICALS

Ascolator™

Ascophyllum nodosum

1-1-18

Ascolator is an organic, water-soluble micro granular seaweed extract for use in foliar applications and irrigation systems.

A unique concentrate containing a natural balance of macronutrients, micronutrients, carbohydrates, amino acids, antioxidants and other beneficial organic compounds to enhance plant responses to abiotic stresses, boosting yield and crop quality.

Ascolator works by activating key stress mitigation pathways, increasing the accumulation of osmolytes, reducing transpiration, increasing nutrient uptake and increasing chlorophyll density. In the soil, alginic acid promotes the growth of arbuscular mycorrhizal fungi which work symbiotically with the plants to enable the uptake of key nutrients.

BENEFITS

- INCREASED TOLERANCE OF ABIOTIC STRESS
- IMPROVED WATER USE EFFICIENCY
- INCREASED CHLOROPHYLL CONCENTRATION AND DELAYED CHLOROPHYLL SENESCENCE
- MORE UNIFORM FRUIT SIZE, RIPENING AND QUALITY
- IMPROVED SHELF LIFE AND STORAGE
- MORE UNIFORM FRUIT SIZE, RIPENING AND QUALITY

Ascolator

AGRI SCIENCES BIOLOGICALS

PHYSIOCHEMICAL PROPERTIES

Appearance:.....Black Microgranule
Solubility:.....≥99.5%
pH:.....10–10.5
Electrical Conductivity:.....46.7mS/cm
Dry matter:.....94 - 96%

GUARANTEED ANALYSIS

Total Nitrogen (N).....1%
1% Other Water Soluble Nitrogen
Available Phosphate (P_2O_5).....1%
Soluble Potash (K_2O).....18%

Derived from: Seaweed extract (*Ascophyllum nodosum*) and potassium hydroxide

Always follow label instructions before applying product. For more product information, visit www.agri-sci-biologicals.com

CROP	RATE (PER APPLICATION)	APPLICATION (FOLIAR)
Horticultural Crops		
Glasshouse crops	9-12 oz per acre (dilute in a minimum 10 gallons of water)	Apply 3-4 times throughout the growth cycle from establishment. Focus applications prior to onset of abiotic stress.
Fruiting Vegetables		
Leafy Vegetables		
Bulb Vegetables		
Root Vegetables		
Cucurbits		
Strawberries		
Ornamentals		
Woody Perennials		
Pome Fruit	10-13 oz per acre (dilute in a minimum 10 gallons of water)	Apply 3-4 times from pre-flowering. Focus applications prior to the onset of abiotic stress
Stone Fruit		
Citrus		
Nuts		
Grape		
Coffee		
Tropical crops		
Blueberries / Bush Fruits		
Broad Acre		
Cereals	9-12 oz per acre (dilute in a minimum 10 gallons of water)	Apply 3 times from establishment to flowering or before periods of abiotic stress
Maize		Apply 3 times from establishment to flowering or before periods of abiotic stress
Potato		Apply 3 times from tuber set to flowering or before periods of abiotic stress
Sugar beet		Apply 3 times from establishment to bulb development or before periods of abiotic stress
Rice		Apply 3 times from establishment to flowering or before periods of abiotic stress
Cotton		Apply 3 times from establishment to boll development or before periods of abiotic stress
Legumes		Apply 3 times from establishment to pod development or before periods of abiotic stress
Grass		Apply 3 times throughout vegetative development or before periods of abiotic stress
Oilseed rape (Canola)		Apply 3 times from establishment to pod development or before periods of abiotic stress
Tobacco		Apply 3 times throughout vegetative development or before periods of abiotic stress

Drip Irrigation: Apply at 3-5 times throughout the growth cycle at 7 to 14 oz/acre.

To order Ascolator please contact your local retailer location or call **984 292 1977**

Agri Sciences Biologicals brings new and innovative bio-based input solutions to the agriculture industry through our development and manufacturing expertise. We are partnering with global and regional companies who wish to develop and supply biological solutions for their customers.

Our mission is to be a globally recognized and trusted partner in agriculture by providing products of proven quality and efficacy; developed through the power of biology and natural chemistry.
Learn more at agri-sci-biologicals.com