

SPECIFICATION SHEET ROOT & SHOOT BUILDER

ACADIAN[®] is derived from fresh *Ascophyllum nodosum* marine plants harvested from the North Atlantic coastal waters of Nova Scotia, Canada. It is a natural storehouse of over 60 naturally occurring major and minor nutrients, carbohydrates, amino acids and naturally occurring plant growth promoting substances, which enhance crop health, nutrition and quality.

PHYSICAL DATA

Appearance Viscous Brownish-Black Liquid
Odor Marine Odor
Solubility in water 100% pH* 5.6

TYPICAL ANALYSIS

Organic Matter 4-5% Ash (Minerals) 4-5%
Total Nitrogen (N) 0.09 - 0.18%
Available Phosphoric Acid (P₂O₅) 0.5 - 1.5%
Soluble Potash (K₂O) 1.4 - 2.3%
Sulfur (S) 0.09 - 0.18%
Magnesium (Mg) 0.02 - 0.05%
Calcium (Ca) 0.02 - 0.05%
Sodium (Na) 0.3 - 0.5%
Iron (Fe) 10 - 25 ppm
Copper (Cu) <1 ppm
Zinc (Zn) 1 - 10 ppm
Manganese (Mn) 1 - 3 ppm
Boron (B) 10 - 20 ppm

Carbohydrates: Alginic Acid, Mannitol, Laminarin

Amino Acids: Glutamic Acid, Aspartic Acid, Arginine, Alanine, Glycine, Leucine, Lysine, Valine, Serine, Phenylalanine, Isoleucine, Histidine, Proline, Threonine, Tyrosine, Methionine, Cystine

Acidic dilution liquids (pH<5) should be adjusted to neutral pH (6.5 to 8.0) prior to the addition of ACADIAN[®] Liquid NP. Approved compatibility agents may be used to improve miscibility with other formulation components, if indicated.