

# Soluble Seaweed Powder

Neptune's Harvest Soluble Seaweed Powder is derived from fresh *Ascophyllum nodosum* seaweed harvested from the North Atlantic coastal waters along the shoreline of New England. It contains nutrients plants need to optimize conditions for yields, quality and vigor.

## PHYSICAL DATA

APPEARANCE	Brownish-black crystals
ODOR	Seaweed-like
SOLUBILITY IN WATER	100% soluble
pH	10-10.7

\* pH of diluted seaweed at 1 oz./gal H<sub>2</sub>O is 9.0



## TYPICAL ANALYSIS

DRY MATTER	95%		
ORGANIC MATTER	45-55%		
ASH (MINERALS)	45-55%		
CARBOHYDRATES	Alginic Acid, Mannitol, Laminarin		
TOTAL NITROGEN (N)	1.0-2.0%	SODIUM (Na)	3.0-5.0%
AVAILABLE PHOSPHORIC ACID (P <sub>2</sub> O <sub>5</sub> )	2.0-4.0%	BORON (B)	100-150 ppm
SOLUBLE POTASH (K <sub>2</sub> O)	18.0-22.0%	IRON (Fe)	150-250 ppm
SULPHUR (S)	1.0-2.0%	MANGANESE (Mn)	8-12 ppm
MAGNESIUM (Mg)	0.3-0.6%	COPPER (Cu)	30-50 ppm
CALCIUM (Ca)	0.1-0.2%		

## AMINO ACIDS (average grams of amino acid per 100 grams of protein)

ALANINE	3.81	LYSINE	1.33
ARGININE	0.22	MENIONINE	1.39
ASPARTIC ACID	5.44	PHENYLALANINE	2.82
CYSTINE	trace	PROLINE	4.42
GLUTAMIC ACID	7.69	SERINE	0.14
GLYCINE	3.16	THREONINE	1.27
HISTIDINE	0.42	TYROSINE	1.80
ISOLEUCINE	1.94	VALINE	3.46
LEUCINE	4.84		

Available in dry form in 44 lb. boxes or liquid in 5 gallon pails, 55-gallon drums, 275-gallon bulk totes or 4500-gallon tanker trucks. Also available is a Liquid Fish (75%) and Seaweed (25%) blend in the same quantities as noted above.