



Sustainable Solutions Ltd.

APPROVED

Approved by Catherine Carroll on November 3, 2022



SEAWEED EXTRACT WS POWDER 1-1-18



Chemical composition

Component	Typical Analysis
Total Nitrogen(N)	1% (min)
Ammonia Nitrogen (NH ₄ -N)	≤647ppm
Nitrate Nitrogen (NO ₃ -N)	≤1.7%
Total Phosphoric Acid(P ₂ O ₅)	2% (min)
Available Phosphoric Acid(P ₂ O ₅)	1% (min)
Soluble Potash(K ₂ O)	18% (min)
Calcium (Ca)	≤0.24%
Iron (Fe)	≤1.28%
Copper (Cu)	≤0.0033%
Zinc (Zn)	≤0.0023%
Cobalt (Co)	≤0.0004%
Selenium (Se)	≤0.0001%
Total organic carbon	≤27%
Alginic acid	18%(min)
Organic Matter	45% (min)

Physical Properties

Property	Value
Appearance	Black powder
Solubility	>99%
Product Sizing	Micronized Powder (100-200 mesh)
Bulk Density	946 kg/m ³ (46.5 lb/ft ³)
pH	8-9

Available sizes: 25 kg

Introduction

This product is an ideal supplement for use in an existing fertilizer program and since it is completely water soluble it can be used in drip irrigation, and foliar application on field crops.

Suggested application rates & method

Use in accordance with the recommendations of a qualified individual or institution or according to an approved nutrient management plan.

For foliar application:

Use 1.23-2.47 kg/ha (0.5-1kg/acre)

For drip application:

Use 1.23-2.47 kg/ha (0.5-1kg/acre), 2-3 times per season. Reduce dosage for frequent applications.

Special notes

- Extract powder should be added gradually to water with stirring.
- Only mix product when needed for immediate application. Do not store diluted product.
- When mixing with other products it is recommended that a physical compatibility test be conducted before use.

Precautionary statements

Keep out of reach of children. Wear protective gloves/protective clothing/eye protection. Wash skin thoroughly after handling.

Storage and disposal

Store in its original package. Keep in a cool dry place, out of direct sunlight, and of reach of children, pets, and livestock. Dispose of contents in accordance with all applicable local, provincial, and federal regulations.

Organic statements

Approved for use in organic agriculture by Pro-Cert. Products may also be restricted by usage annotations (listed on the ViviGro Certificate) and must be followed when applying the substance as part of an Organic System Plan.