

# Ocean Swell®

## PREMIUM SEAWEED PRODUCT

Ocean Swell® is a premium seaweed product built with complexed organic matter (COM), delivering a powerful tool that increases the plant's ability to defend itself and recover from stress including heat, drought, frost, and high salinity environments. The system of anti-stress compounds works across multiple metabolic pathways so the plant is able to thrive in a wide range of growing conditions. Ocean Swell is suitable for use in liquid foliar, soil applied, and most drip and micro irrigation systems for application to the roots.

**0-0-1**

### GUARANTEED ANALYSIS

Soluble Potash ( $K_2O$ ) ..... 26.0%

Derived from: kelp (*Ascophyllum nodosum*) and potassium hydroxide.

### Net Weight

8.6 lbs per Gallon @ 68° F



### Advantages of Ocean Swell®

- Powerful tool to increase tolerance to and recovery from environmental stress
- Dual biostimulant activity triggers multiple antioxidant systems for heightened stress resistance
- Supports cell division and cell differentiation based growth for more productive and healthier plants
- Superior performance delivered at rates comparable to other seaweeds
- Compatible with a wide variety of fertilizers

*Ascophyllum nodosum* is primarily found in the Northern Atlantic in harsh conditions including cold waters and big tides. This puts enormous stress on the seaplant which creates unique survival strategies, triggering anti-stress compounds.



# Ocean Swell<sup>®</sup>

## PREMIUM SEAWEED PRODUCT

The synergies between *Ascophyllum nodosum* seaweed and complexed organic matter (COM) in this formulation trigger multiple antioxidant systems, delivering a powerful tool to manage environmental stress.

### NUTRITIONAL INFORMATION

#### Potassium (K<sub>2</sub>O)

Potassium (K<sub>2</sub>O) plays a significant role in many of the plant's vital functions. Potassium is essential for translocation of sugars and the formation of starch. It is required in the opening and closing of the stomates by guard cells, which is essential for efficient water use. Potassium promotes root growth and helps increase plant resistance to disease. Potassium must be present in high quantities during the crop maturation.

### RATES, TIMING, & DIRECTIONS FOR USE

#### Foliar Applications

Trees and Vines: 4-8 pints/acre. Repeat as needed every 3-4 weeks.

Field and Row Crops: 2-4 pints/acre. Repeat as needed every 3-4 weeks.

DO NOT spray in the heat of the day or when the plant is under moisture stress. DO NOT spray to the point of runoff. Use as fine of a spray mist as possible. Allow 3-4 hours after application before sprinkler irrigating to avoid washing the product off.

#### Soil Applications

Trees and Vines: 2-4 quarts/acre. Repeat as needed every 3-4 weeks.

Field and Row Crops: 1-2 quarts/acre. Repeat as needed every 3-4 weeks.

For best results, use watered-in applications. May be applied via an irrigation system or prior to irrigation. Apply enough water to move the product into the area of active rooting, but not excessive amounts that may leach. Use the higher label rates with surface and flood irrigation.

Do not mix in concentrated form with any other tank additive without first adding water. Recommended mixing sequence: Water, adjuvants, pesticides, Valent BioSciences nutrient products, other fertilizers then agitate. DO NOT mix with crop oil concentrates without first consulting your local agronomist. A standard jar test is recommended before tank mixing.

See product label for complete Directions For Use.