



## Application Guidance for Cannabis and Hemp

**Mix product well before use.** Mix up totes and drums by circulation pump. Some settling of solids and separation of oil and water does occur. The product returns to a colloidal suspension upon mixing.

**Use up all product that has been diluted.** When pH exceeds 4 the biology gets active and will cause diluted product to expand. Fungal mycelia may grow in diluted product.

**This is a bio-active product. Flush drip lines well after use.** Thoroughly clean and rinse out any tanks before filling.

**Protect drip lines from clogging** by jar testing mixtures with other inputs and high pH irrigation water, and use a screen downstream of injection.

Dilution Rates by Type of Application	Minimum Dilution (parts water per part of product)
Soil drench, pre-planting and near established trees and shrubs	10:1
General use in season with foliar contact (1/2 cup per gal)	30:1
Drip fertigation (1/2 to 2 oz./gal)	50:1 or more dilute
Foliar spray ( 1 oz./gal)	100 :1

Pacific Gro is an organic source of a great range of nutrients. It is naturally high in fish oil, which is a preferred food source for beneficial fungal species and other soil microorganisms. Farmers notice a proliferation of soil life and restoration of a healthy fungal-bacterial balance. Humus organic matter levels generally increase, and potted soil will maintain fertility longer.

This is a highly bio-active product which works well in fertigation and by foliar spray. Most of the nitrogen is in amino acid form. Calcium from fish bone and shell is highly plant available. Stabilized with acid and double-screened at 150 mesh (105 microns).

**Usage rates vary greatly** depending on soil quality, other inputs used, size of containers and size of plants.

Pacific Gro Oceanic builds humus and feeds soil microbes, while providing a great range of nutrients. Sea Phos 1.7 – 7 – 0 is a similar product that complements “Oceanic” when extra phosphorous is advised – particularly at planting for root development, and mid-season for flowering.

**DISCLAIMER** Please consult with a crop consultant or other professional for specific guidance. Pacific Gro products are approved inputs for organic farming that promote healthy soil biology. It is intended for use in combination with other fertility inputs. There are many variables to consider in farming; the farmer or customer assumes responsibility for use of these products in his/her conditions and practices, which are not controlled by and cannot be foreseen by Creative AG Products Inc. The buyer accepts and uses these products, recognizing that Creative AG Products Inc. does not accept responsibility or any liability for the use of its products, whether or not used according to application guidance.

Pacific Gro Oceanic Hydrolysate & Sea Phos Hydrolysate These quantities refer to the amount of product prior to dilution	
Cannabis – Outdoor field plantings Total use per year: 25 – 50 gal/acre	Apply 5 – 10 gal/acre Oceanic or by soil drench or drip lines, 3 times from planting through the vegetative growth phase. The first application could be 50/50 Oceanic and Sea Phos, to boost root development. Apply 5 – 10 gal/acre Sea Phos by soil drench or drip lines, at initial flowering and 2 to 3 weeks later. Apply foliar sprays of Oceanic or Sea Phos bi-weekly, at 2 to 6 quarts per acre.
Cannabis – Potted plantings Total use per year: 1 to 2 quarts per plant	Apply 2 – 3 oz. Oceanic per gallon of water, every 10 to 14 days from planting through the vegetative growth phase. Apply 2 oz. Sea Phos per gallon of water, at initial flowering then every 10 to 14 days. Apply foliar sprays of Oceanic or Sea Phos bi-weekly.