



Tidal Grow Agriscience  
 PO Box 3313  
Bellevue, WA 98009  
 Pacific Gro Plant  
 Raymond, Washington

## Application Guidance

This is a highly bio-active product which works well in all fertigation and foliar applications, if applied with care. Pacific Gro is stabilized with acid and double-screened at 165 mesh in a fine colloidal suspension.

Pacific Gro is an organic source of a great range of nutrients. Fish oil and digested shell particles are excellent food for soil microorganisms, particularly fungi. It will help develop a diverse and high functioning soil food web, which improves soil tilth, water retention and nutrient availability.

Produced from the waste byproducts of ocean-caught fish (mostly salmon) and crab collected from seafood processors, then ground and enzymatically digested without addition of any heat or removal of the natural oils or proteins. The low temperature process protects the nutrients, amino acids, vitamins, and enzymes.

Pacific Gro Oceanic is a good all-round fertilizer. Pacific Gro Sea Phos is similar, though with higher phosphorous content – which is useful at planting and at fruit and flower development.

Please consult with an agronomist, crop consultant, experienced farmer or other professional for specific guidance. Get a good soil analysis, address issues of unbalanced nutrients, and use Pacific Gro in a program that will increase organic matter content and yield higher brix produce.

**Mix product well before use.** Some settling of solids and separation of oil and water does occur. The product returns easily to a colloidal suspension upon mixing.

**Use up all product that has been diluted.** When pH exceeds 4.5 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.**

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

**Wash off with water any contact with skin.**

DILUTION RATES by Type of Application	Dilution (parts water per part of product)
General use in season, including gardens and lawns (1/2 cup per gal)	30:1
Drip fertigation and potted plants (1/2 to 2 oz./gal)	50:1 or more dilute
Foliar spray (1/2 to 1 oz./gal)	100 :1 or more dilute

GUIDANCE FOR HOME & GARDEN USE		For Farming, please consult our Commercial Agriculture Application Guide	
Vegetable and Flower Gardens	1 ½ cups per 1000 sq. ft. (4 gal/acre), 3 to 5 times per year (Sea Phos at planting, Oceanic mid-season, Sea Phos at fruit development)	Potted Plants	½ to 1 oz. per gallon, fertilize every 2 weeks (or weekly for maximum growth) (Either product)
Lawns	1 cup per 400 sq. ft. (in at least 2 gallons of water), 2 to 4 times per year (Oceanic)	Potting Soil	1 gallon per yard of compost or potting soil, or up to 2.5 gallons per yard of soil-less media (Oceanic)
Trees and Shrubs	1 ½ cups per 1000 sq. ft. of landscape 1 or 2 times per year. Or mix 1 cup per gallon and fill several holes bored near the drip line. (Oceanic)	Foliar Application	1 oz. per gallon, wet top and bottom of foliage (not in hot sun). At large scale use 2 – 4 quarts per acre (Oceanic)

**DISCLAIMER** Please consult with an agronomist, crop consultant or other professional for specific guidance. Pacific Gro Oceanic Hydrolysate and Sea Phos are approved inputs for organic farming and natural products that promote healthy soil biology. 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 Tidal Grow Agriscience. The buyer accepts and uses these products, recognizing that Tidal Grow Agriscience does not accept responsibility or any liability for the use of its products, whether or not used according to application guidance.