

Sub Culture™

GENERAL HYDROPONICS®
Bringing Nature and Technology Together

Sub Culture™

SubCulture is a biological inoculum containing a wide diversity of rhizosphere microorganisms that colonize plant roots. Use on any type of plant and with any growing method, soil or hydroponic. In soil SubCulture increases root colonizing populations, in hydroponics SubCulture brings live microorganisms to plant roots. Use throughout the life of your plants from seed germination or cutting propagation through harvest.

USAGE INSTRUCTIONS:

FOR DIRECT APPLICATION: Mix with purified water to make a root drench. Add 1 pouch per 25 gallons water or cut open pouch and add 1 teaspoon per 5 gallons. Maximum strength is 1 pouch per 5 gallons or 1 teaspoon per gallon. For seed inoculation soak seeds for 30 minutes. For established plants irrigate the root zone. Use strong dose for first applications, milder for maintenance. Use once or twice monthly.

FOR HYDROPONIC APPLICATIONS: Add SubCulture directly to reservoir. Add 1 pouch per 50 gallons or 1 teaspoon per 10 gallons with each nutrient change. SubCulture is excellent when used with bio-filtration methods.

FOR SOIL OR MEDIA APPLICATION: Blend with soil before planting using 1 pouch per 8 cubic feet of soil or rooting media (sphagnum moss, coco fiber or bulk rockwool). For transplanting large plants such as trees & shrubs, add one pouch to the planting hole then plant.
Large applications: Add one pouch to planting hole before transplanting (trees, shrubs, etc).

IT IS IMPERATIVE TO KEEP HYDROPONIC NUTRIENT SOLUTION AERATED WHEN USING THIS PRODUCT.

STORE IN A COOL DRY DARK PLACE

**KEEP OUT OF REACH OF CHILDREN
AVOID CONTACT WITH SKIN & EYES
CONTACT PHYSICIAN IF INDICATED**

EXPIRES:

Sub Culture™
Specialty Fertilizer
& Root Inoculant
Specimen

0.1 - 0.04 - 0.02

Suitable for soil and hydroponic cultivation.

Guaranteed Analysis

Total Nitrogen (N)	0.1 - 0.04 - 0.02
0.1% Water Soluble Nitrogen	0.1%
Available Phosphate (P ₂ O ₅)	0.04%
Soluble Potash (K ₂ O)	0.02%
Derived From: Potassium Phosphate, Potassium Sulphate, Protein Hydrolysate	

CONTAINS NON-PLANT FOOD INGREDIENTS:

SubCulture contains root colonizing microorganisms

Bacillus subtilis	.....	87x10 ⁶ CFU / cc
Bacillus licheniformis	.....	21x10 ⁶ CFU / cc
Bacillus megaterium	.....	24x10 ⁶ CFU / cc
Bacillus pumilus	.....	24x10 ⁶ CFU / cc
Paenibacillus polymyxa	.....	24x10 ⁶ CFU / cc
Streptomyces liddicus	.....	24x10 ⁶ CFU / cc
Streptomyces griseus	.....	24x10 ⁶ CFU / cc
Pseudomonas fluorescens	.....	24x10 ⁶ CFU / cc
Trichoderma harzianum	.....	24x10 ⁶ CFU / cc

1% Natural Sugar (derived from Glucose)

Information regarding the contents and levels of metals in this product is available on the internet at: <http://www.gnhpco.org/metals.htm> F-1109

Manufactured by
GH
GENERAL HYDROPONICS
2000 W. 10th Street
Seattle, WA 98148



12 oz

7

93094 01584 4

336 g

s083006bm

12 Soluble Culture Pouches

A living community of beneficial organisms.