



SYNERGY

Restores nutrient depleted soils back to life!

OVERVIEW

SYNERGY is a liquid formulation derived from the earth and sea, created specifically to modify and improve microbial and mycorrhizal activity. The natural ingredients in **SYNERGY** are conducive to soil fertility and the production of healthy plants, devoid of insects and free from disease.

KEY ADVANTAGES

SYNERGY is a liquid formulation derived from the earth and sea, created specifically to modify and improve microbial and mycorrhizal activity. The natural ingredients in **SYNERGY** are conducive to soil fertility and the production of healthy plants, devoid of insects and free from disease. **SYNERGY** not only works as a catalyst by stimulating root and plant growth, but also enhances enzymatic and hormonal activity, which in turn accelerates cell division, resulting in increased yields. With its beneficial soil microbes and natural plant extracts, **SYNERGY** supplies the crop system with the essential components to promote healthy plant growth by increasing nutrient availability, facilitating nutrient absorption, promoting root formation and growth, while simultaneously reducing the likelihood of disease. Disease suppression is achieved through a process known as *competitive exclusion* ...

Conditions for Use

SYNERGY works well in situations where the substance's pH is below 6.0 or above 8.0. Colder or higher temperatures do not affect **SYNERGY**. **SYNERGY** is not affected by the presence of biocides.

Product Yield

500 mL

Soil = 200 Gallons
Hydro = 800 Gallons

1 Gallon

Soil = 1620 Gallons
Hydro = 6480 Gallons

120 mL

Soil = 50 Gallons
Hydro = 200 Gallons

PROPERTIES

Physical Aspect:	Dark brown liquid
Taste:	Bitter/Sweet
Toxicity:	Non-toxic
Shelf Life:	24 months
Heat Stability:	Excellent
Packaging:	20 kg plastic pails or 200 kg plastic drums
Stability:	Excellent under normal storage conditions
Nutrient Content:	Mixture of micro and macro nutrients
Storage and Handling:	Store in a cool, dry place at room temperature. The recommended storage temperature is within a range of 1°C and 23°C (34°F to 73°F). Avoid excessive inhalation. Avoid contact with eyes. Wash hands thoroughly with warm, soapy water after handling.

GUARANTEED ANALYSIS

Soil amending non-plant food ingredients:

Active ingredients

Bacteria Culture

Other ingredients+

Humic acids

Folvic acids

Yucca extract

Seaweed

Plant extracts

Also contains non-plant food ingredients:

CFU/mL

Bacillus subtilis

Bacillus pumilus

Paenbacillus polymyxa

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SYNERGY

APPLICATION

General Use / Purpose of product

Synergy is specifically designed to increase phosphorus availability during the bloom phase, and should be used as a supplement to your regular fertilization program. Application during clone and vegetative phase will boost effectiveness.

GROWTH PHASE (18-24 HR PHOTO PERIOD)

WEEK	GROWTH STAGE	SOIL (MI/gal)	HYDRO (mL/gal)	SUPER SOIL (mL/gal)
1	Seedling/clone	0.6	0.6	0.3
2	Seedling/clone	0.6	0.6	0.3
3	Growth	0.6	0.6	0.3
4	Growth	0.6	0.6	0.3
5	Aggressive Growth	1	0.6	0.3
6	Aggressive Growth	1	0.6	0.3

BLOOM PHASE (12 HR PHOTO PERIOD)

WEEK	GROWTH STAGE	SOIL (MI/gal)	HYDRO (mL/gal)	SUPER SOIL (mL/gal)
1	Transition	1.5	0.6	0.3
2	Bloom	1.5	0.6	0.3
3	Bloom	2.5	0.6	0.6
4	Aggressive Bloom	0.6	0.6	0.6
5	Aggressive Bloom	0.6	0.6	0.6
6	Aggressive Bloom	0.6	0.6	0.6
7	Aggressive Bloom	0.6	0.6	0.6
8	Flush	1	0.6	0.6
9	Flush	1	0.6	0.6



SYNERGY

GROWTH PHASE (18-24 HR PHOTO PERIOD)

WEEK	GROWTH STAGE	SOIL (MI/gal)	HYDRO (mL/gal)
1	Seedling/clone	0.16	0.16
2	Seedling/clone	0.16	0.16
3	Growth	0.16	0.16
4	Growth	0.16	0.16
5	Aggressive Growth	0.26	0.16
6	Aggressive Growth	0.26	0.16

BLOOM PHASE (12 HR PHOTO PERIOD)

WEEK	GROWTH STAGE	SOIL (MI/gal)	HYDRO (mL/gal)
1	Transition	0.4	0.16
2	Bloom	0.4	0.16
3	Bloom	0.66	0.16
4	Aggressive Bloom	0.66	0.16
5	Aggressive Bloom	0.66	0.16
6	Aggressive Bloom	1.06	0.16
7	Aggressive Bloom	1.06	0.16
8	Flush	0.26	0.16
9	Flush	0.26	0.16

Directions for use

1. Shake bottle well before each use.
2. Mix with water following the application rate table.

FOR BEST RESULTS, USE WITHIN 6 MONTHS OF PURCHASE.