

LIVING SOIL GROWERS GUIDE

Bio Diesel's Living Soil Growers Guide is designed for organic nutrient dense "living soils" like Bio Diesel™ Living Soil blends that contain large amounts of organic matter and beneficial microbes. Our mixes are 100% organic and perfectly balanced to this program. Other quality living soils will also achieve astounding results using our program compared to traditional "water only."

CAUTION: Standard potting mixes containing slow-release synthetic fertilizers will not achieve high quality results and will shut down and/or diminish beneficial microbe colonies.

This Grow Guide features a 10 Week vegetative and 10 Bloom cycle which is relevant to a full cycle outdoor plant.

Many indoor plants and auto flowers will only require smaller soil amounts and shorter vegetative times.

A simple rule for soil growing is the more soil the better and we recommend the following soil size depending on length of the vegetative stage. Do not water soil to run off or you will flush your nitrates and unbalance nutrient density. Always water small amounts frequently for consistent moisture and nutrient cycling.

TRANSPLANT	
10g per plant	MYKOS WP - Mycorrhizael fungi
	AZOS - Azospirillum

*Blend Azos and Mykos together and apply directly to roots and planting hole. Exact amounts vary depending on transplant size.

VEG TIME (Transplanted)	SOIL/POT SIZE
4 WEEKS	50L
8 WEEKS	100L
12 WEEKS	150L

*Table shows the growth times only and excludes 8-9 weeks flowering

VEGETATIVE STAGE	WK1	WK2	WK3	WK4	WK5	WK6	WK7	WK8	WK9	WK10
SUPERNATURAL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
ALOEVATE	5	5	5	5	5	5	5	5	5	5
BIO ONE INNOCULANT	1	1	1	1	1	1	1	1	1	1

*For Autoflowers change to bloom program after first 2-3 weeks or first signs of stigmas (preflowers)

HOW DOES IT WORK?

Bio Diesel's range of organic plant additives enhance nutrient cycling and uptake via increasing plant and microbe synergy, higher quality exudates and microbial signalling trigger key hormone responses and fast track nutrient selection, organic chelation and natural uptake as the plant requires, opposed to chemically chelated nutrients that "force feed" plants whether they require that element or not. This enhanced communication and synergy between microbes and the rhizosphere allows plants a more forgiving pH range and water holding capacity during the growing season.

FOLIAR APPLICATIONS	WK1	WK2	WK3	WK4	WK5	WK6	WK7	WK8	WK9	WK10
MARINE CAMG+	0.25	0.25	0.25	0.5	0.5	1	1	1	1	1
ALOEVATE	5	5	5	5	5	5	5	5	5	5
SUPERNATURAL	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
GROW GENIUS		0.5		0.5		0.5		0.5	0.5	0.5
NUMBER OF FOLIAR APPLICATIONS PER WEEK	2	2	2	2	1	1	1	1	1	1

*Foliar Vegetative stages only lights off or evenings outdoors

BLOOM STAGE	WK1	WK2	WK3	WK4	WK5	WK6	WK7	WK8	WK9
SUPERNATURAL	0.5	0.5	0.5	0.5	0.5	0.5		W	W
ALOEVATE	5	5	5	5	5	5	5	A	A
BIO DIESEL	2	2	2	4	4	4		T	T
BIO ONE INNOCULANT	1	1	1	1	1	1		E	E
RHINO K						2	2	R	R

*Foliar Rhino K 1ml/ L twice in WK 1 of Bloom for fast flowering transition and shorter node spacing



BIO DIESEL 100% ORGANICS

BIO-ONE



BIO-ONE Is a blend of beneficial plant and ocean based microbes to protect your plants from over watering and accelerates the conversion of organic matter into plant food.

- Removes Bio Films from degrading roots caused by overwatering or high humidity
- Protects the against root diseases such as Pythium, Phytophthora and Fusarium wilt
- Produces highly active enzymes inc. Lactase
- Increases uptake and bioavailability of minerals
- Creates a larger healthy root zone
- Protects the plant from stress and nutrient imbalance

Use BIO-ONE at 1ml per Litre of solution. Compatible with all systems including Recirculating and Run to waste (coco) Hydroponics, Aquaponics, Deepwater culture and living soil.

SUPER NATURAL



A premium root and shoot stimulant that promotes masses of roots, faster growth and early establishment.

- Contains organic Bio Stimulants
- Ideal for treating plant stress and trace element deficiency
- Faster rooting and enhanced plant growth rates
- Increased flowering sites for more blooms
- Immediate plant growth response on stunted plants
- Contains full spectrum trace elements, kelp and Biostimulants

ALOEVATE



Whole leaf Aloe Vera and Yucca extract that adds trace elements, salicylic acid and B vitamins to protect against stress and creates a strong pest and disease tolerant plant.

- Creates stronger plant cells for heavy weight holding and disease resistance
- Shortens internodal stretch first 3 weeks of Flowering
- A natural wetting and chelating agent that can be added to any foliar spray
- Perfect for living soil to enhance nutrient uptake and maintain moisture levels
- Antiseptic properties protect against plant viruses and disease like Mosaic, Phytophthora and Pythium
- Acts as a natural Root stimulant and natural pesticide

BIO DIESEL



Australia's #1 organic bloom booster for increased bud weight, resin and terpene production with amazing colour and flavour. 100% organic made from fossilised rock guanos, protiens and complex carbohydrates.

- Increased flowering sites and bud development
- Fully Organic Ingredients - No Salts!
- Increases final harvest weight by up to 40%
- Organic form of Phosphorous and Bio Stimulants
- Increased Trichome and Terpene production
- Increased Aroma and colour expression

RHINO K



Microbe friendly organic potassium, fulvates and vitamins for harder flowers with more resin production.

- Suitable for Organic production
- Compatible with run to waste hydroponics, coco and soil
- Increases Trichome and Terpene production
- Larger bud calyxes for harder flowers
- More colour expression at harvest
- No harsh residuals at harvest and flushes easily