

2021 BIO DIESEL GROWERS GUIDE

COCO FIBRE PRE-SOAK	MLS PER LITRE
GREEN DIAMOND A&B	1.0 A&B
SUPERNATURAL	0.5
MARINE CAMG+	0.25
ALOEVATE	2.0
BIO-1 INOCULANT	2.0

Stated rates are mls per Litre of water
pH should be 5.8-6.2 and EC 0.8 /400PPM
Pour evenly through Coco until runoff

SEEDLINGS AND CUTTINGS	WK1	WK2	WK3
GREEN DIAMOND A&B	----	0.5	0.5
SUPERNATURAL	0.25	0.25	0.5
ALOEVATE	2.0	2.0	2.0
BIO-1 INOCULANT	1.0	1.0	1.0
PH 5.8-6.2 EC 0.3-0.5/ 150-250 PPM			

Seedlings are established once they produce "true" 5 fingered leaves

HOW TO MIX YOUR NUTRIENTS

Mix Part A (GREEN) into water then mix Part B (DIAMOND) and stir well i.e., Add 60ml (3ml/L) Part A into 20L water stir then add 60ml (3ml/L) Part B stir then your desired additives. Minerals first (Green Diamond, Rhino K, Marine CaMg+) then organics. Always check pH of input solution and also coco runoff to determine media pH and EC.

Ensure your plants are not overwatered in the establishment stage after transplant. Aim for 60% moisture content in Coco Fibre with wet/dry cycles to encourage rapid root development. Inoculate with Mykos (Mycorrhizae Fungi) when transplanting into main pot.

VEGETATIVE -GROWTH	WK1	WK2	WK3	WK4	WK5	WK6
GREEN DIAMOND A&B	2.0	3.0	3.0	3.0	3.0	4.0
SUPERNATURAL	0.5	0.5	0.5	0.5	0.5	0.5
MARINE CAMG+	0.25	0.25	0.5	0.5	1.0	1.0
ALOEVATE	2.0	2.0	2.0	5.0	5.0	5.0
BIO-1 INOCULANT	1.0	1.0	1.0	1.0	1.0	1.0
CRYSTAL CLEAR DO NOT ADJUST PH				5ML/L FLUSH		5ML/L FLUSH
PH	5.8-6.2	5.8-6.2	5.8-6.2	5.8-6.2	5.8-6.2	5.8-6.2
EC/ PPM (X500)	1.2/600	1.2/600	1.7/850	1.7/850	2.2/1100	2.8/1400

EC/PPM strengths vary depending on plant size and climate conditions. Additional Marine Camg+ can be added for LED and cool climate conditions.

FOLIAR APPLICATIONS - FOR BEST RESULTS FOLIAR SPRAY ALOEVATE WEEKLY AND COMBINE WITH MARINE IN LATER STAGES OF GROW.

TRANSPLANT WK 1	EARLY GROWTH WK 2-3	MID GROWTH WK 3-4	AGG GROWTH WK 5-6
Day/Night 28C -18C 75-80% Humidity Water Temp 18-25c Do Not over water	Day/Night 28C-18C 70-75% Humidity Water Temp 18-25c Tip Plants to a increase lateral branching	Day/Night 28C-18C 70-75% Humidity Water Temp 18-25c Remove leaves covering lateral growth tips	Day-Night 28C- 18C 70-75% Humidity Water Temp 18-25c Foliar Spray Marine Camg+



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FLOWERING -BLOOM	WK1	WK2	WK3	WK4	WK5	WK6	WK7	WK8	WK9
GREEN DIAMOND A&B	3.0	3.0	3.0	3.0	4.0	4.0	3.0	W	W
SUPERNATURAL	0.5	0.5	0.5	0.5	0.5	0.5		A	A
ALOEVATE	5.0	5.0	5.0	5.0	5.0	5.0		T	T
BIO DIESEL	2.0	2.0	2.0	4.0	4.0	4.0		E	E
RHINO K	FOLIAR 2ML/L	-	-	-	2.0	1.0	1.0	R	R
BIO-1 INOCULANT	1.0	1.0	1.0	1.0	1.0				
CRYSTAL CLEAR DO NOT ADJUST PH			5ML/L					5ML/L	5ML/L
PH	5.8-6.2	5.8-6.2	5.8-6.2	5.8-6.2	6.2	6.2	6.2	-	-
EC/PPM (X500)	1.7/850	1.7/850	1.7/850	2.1/1050	2.4/1200	2.4/1200	1.8/900	-	-

EC/PPM strengths vary depending on plant size and climate conditions. Additional Marine Camg+ can be added for LED and cool climate conditions.

*All rates are stated as mls per Litre of water

*Rhino K is best hand watered or added to the tank 2 days before change
(DO NOT FOLIAR IN LATE BLOOM)

*When using Crystal clear as final flush before harvest - Apply twice per week and fresh water on other days.

EARLY BLOOM (DAY 1-21)	MID BLOOM (DAY 22-35)	LATE BLOOM (DAY 36-50)	FLUSH (DAY 51-65)
<p>Internodal Stretch</p> <ul style="list-style-type: none"> Net and train your plants to desired height and shape to fill the space. Plants may stretch 60% taller during this stage. Trim any lower branches and remove fan leaves covering growth tips. 	<p>Bud onset and flower development</p> <ul style="list-style-type: none"> Defoliate shade leaves and remove weak bottom nodes/branches Discontinue any foliar applications Add a second layer of support netting if required 	<p>Bulk Flower and Calyx development</p> <ul style="list-style-type: none"> Defoliate large leaves Ensure good airflow, Stop any added co2 day 45 	<p>Colour Fade Trichome, Terpene Production. Reduce watering and humidity to prevent Bud Rot.</p> <ul style="list-style-type: none"> Remove all larger leaves Allow media to dry out on harvest Use a dehumidifier to lower RH%
<p>DAY/NIGHT 26c -20c Humidity 70-75% Water Temp 18c-25c</p>	<p>DAY/NIGHT TEMPS 26c -18c Humidity 60-65% Water Temp 18c-25c</p>	<p>DAY/NIGHT TEMP 24c -18c Humidity 50-60% Water Temp 18c-25c</p>	<p>DAY/NIGHT TEMP 21c - 15c Humidity 40-45% Water Temp 18c-25</p>

*Closer Day / Night temperatures (i.e., 25c -22c) creates tighter internodal spacing

DRYING HARVEST ADVICE: HANG IN THE DARK AS WHOLE PLANT OR LATERAL BRANCHES FOR 10-14DAYS AT 60% HUMIDITY AND 21 DEGREES - DO NOT WET TRIM.

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