

HomeGrown Flora PRO-COCO Nutrients 2022 - ml/L stock

Growth Stage options: A=Low, B=Mid or C=High-level of Phosphorus (P) for Growth. Silica can be added at 0.4ml/L.

Multiply **Red** Product quantities by required Litres, or 4x in 3L water. Choose **(Blue CM)** options for degraded Coco, program bottom of page.

GROW A	GH	GH	GH	GH CaliMagic – Use one only	GROW A (Low Medium Phosphorus)	GH COCOTEK GROW	
Grow	M x2	G x1.8	B x1.2	CM x0.8 ml	(CM x1)	Totals. Answers in ratio to *K=100	Total
N03	115.32	35.046		9.64	(12.05)	160.006/1.6588= 96.45 (97.91)	492.3 /6.78= 72.61
NH4	7.36	5.004				12.364/1.6588= 7.453	78.6 /6.78= 11.592
P205		8.73	30.084			33.8/1.6588= 23.398	127.9 /6.78= 18.864
K20	20.38	99.72	45.78			165.88/1.6588= *100	678 /6.78= 100
Mg		10.008	20.676	14.464	(18.08)	45.148/1.6588= 27.21 (29.397)	146.7 /6.78= 21.637
S			13.788			13.788/1.6588= 8.312	146.7 /6.78= 21.637
Ca	122.7			48.2	(60.25)	170.9/1.6588= 103.026 (110.29)	706.9 /6.78= 104.262
GROW B	GH	GH	GH	CaliMagic Options – 0.4 to 0.8	GROW B (Medium High Phosphorus)	GH COCOTEK GROW	
Grow	M x2.8	G x1.6	B x1.8	CM x0.4 ml	(CM x0.8)	Totals. Answers in ratio to *K=100	Total
N03	161.448	31.152		4.82	(9.64)	197.42/1.85842= 106.23 (108.82)	492.3 /6.78= 72.61
NH4	10.304	4.448				14.752/1.85842= 7.9379	78.6 /6.78= 11.592
P205		7.76	45.126			52.886/1.85842= 28.4575	127.9 /6.78= 18.864
K20	28.532	88.64	68.67			185.842/1.85842= *100	678 /6.78= 100
Mg		8.896	31.014	7.232	(14.464)	47.142/1.85842= 25.366 (29.258)	146.7 /6.78= 21.637
S			20.682			20.682/1.85842= 11.128	146.7 /6.78= 21.637
Ca	171.78			24.1	(48.2)	195.88/1.85842= 105.4 (118.369)	706.9 /6.78= 104.262
GROW C	GH	GH	GH	CaliMagic Options – 0 to 0.4	GROW C (High Level Phosphorus)	GH COCOTEK GROW	
Grow	M x3	G x1	B x2	CMx0	(CM x0.4)	Totals. Answers in ratio to *K=100	Total
N03	172.98	19.47			(4.82)	192.45/1.6227= 118.59 (121.56)	492.3 /6.78= 72.61
NH4	11.04	2.78				13.82/1.6227= 8.5166	78.6 /6.78= 11.592
P205		4.85	50.14			54.99/1.6227= 33.887	127.9 /6.78= 18.864
K20	30.57	55.4	76.3			162.27/1.6227= *100	678 /6.78= 100
Mg		5.56	34.46		(7.232)	40.02/1.6227= 24.66 (29.12)	146.7 /6.78= 21.637
S			10.9155			10.9155/1.6227= 6.726	146.7 /6.78= 21.637
Ca	184.05				(24.1)	184.05/1.6227= 113.422 (128.27)	706.9 /6.78= 104.262
12/12 Flower	LateBloom with No-KB - M x1.3, G x0.7, B x3 - elemental ratios are N= 53.21, P= 47.2, *K=100, Mg= 33.4, Ca= 48						
TRAN	GH	GH	GH	CaliMagic Options – 0.2 to 0.5	TRANSITION	GH COCOTEK TRAN 0	
Day-0	M x2.4	G x1.2	B x3 ml	CM x0.2	(CM x0.5)	Totals. Answers in ratio to *K=100	Total
N03	138.384	23.364		2.41	(6.025)	164.158/2.05386= 79.92 (81.68)	492.3 /6.964= 70.692
NH4	8.832	3.336				12.168/2.05386= 5.924	78.6 /6.964= 11.286
P205		5.82	75.21			81.03/2.05386= 39.452	127.9 /6.964= 18.365
K20	24.456	66.48	114.45			205.386/2.05386= *100	696.4 /6.964= 100
Mg		6.672	51.69	3.616	(9.04)	60.17/2.05386= 30.176 (32.817)	146.7 /6.964= 21.065
Ca	147.24			12.05	(30.125)	159.29/2.05386= 77.556 (86.35)	706.9 /6.964= 101.507
Early Bloom	GH	GH	GH	CaliMagic Options – 0 to 0.2	Early BLOOM	GH COCOTEK EB 15	
Day-15	M x2.4	G x0.8	B x3 ml	CMx0	(CM x0.2)	Totals. Answers in ratio to *K=100	Total
N03	138.384	15.576			(2.41)	153.96/1.83226= 84.027 (85.342)	446.5 /12.02= 37.146
NH4	8.832	2.224				11.056/1.83226= 6.034	68.8 /12.02= 5.723
P205		3.88	75.21			79.09/1.83226= 43.165	509 /12.02= 42.346
K20	24.456	44.32	114.45			183.226/1.83226= *100	1202 /12.02= 100
Mg		4.448	51.69		(3.616)	56.138/1.83226= 30.638 (32.612)	264 /12.02= 21.963
Ca	147.24				(12.05)	147.24/1.83226= 80.359 (86.936)	678.6 /12.02=56.455
PK+ 36	GH	GH	GH	GH Liquid KoolBloom	MID BLOOM+	GH COCOTEK MB 36	
Day-36	M x1.3	G x0.7	B x3 ml	KB x0.1 ml		Totals. Answers in ratio to *K=100	Total
N03	74.958	13.629				88.587/1.77977= 49.774	446.5 /14.04= 31.801
NH4	4.784	1.946				6.73/1.77977= 3.781	68.8 /14.04= 4.900
P205		3.395	75.21	11.5		90.105/1.77977= 50.627	634.4 /14.04= 45.185
K20	13.247	38.78	114.45	11.5		177.977/1.77977= *100	1404 /14.04= 100
Mg		3.892	51.69			55.582/1.77977= 31.229	264 /14.04= 18.803
Ca	79.755					79.755/1.77977= 44.811	678.6 /14.04= 48.333
RIPEN	GH	GH	GH	GH Liquid KoolBloom	RIPEN	GH COCOTEK R 57	
Day-57	M x0.8	G x0.7	B x3 ml	KB x0.7 ml		Totals. Answers in ratio to *K=100	Total
N03	46.128	13.629				59.757/2.41882= 24.705	297.7 /11.618= 25.624
NH4	2.944	1.946				4.89/2.41882= 2.021	95.9 /11.618= 8.254
P205		3.395	75.21	80.5		159.105/2.41882= 65.777	746.3 /11.618= 64.236
K20	8.152	38.78	114.45	80.5		241.882/2.41882= *100	1161.8 /11.618= 100
Mg		3.892	51.69			55.582/2.41882= 22.978	201 /11.618= 17.3
Ca	49.08					49.08/2.41882= 20.29	452.4 /11.618= 38.939

Mixing: I use 4 Plastic 1L margarine containers. Divide 2 or 3 litres of water between them. Adding Silica at 0.4ml/L, mix water should be <Ph6. Start with silica, mix well before stirring diluted CaliMagic into container. Now the 2nd container is for Micro, 3rd Grow and 4th is for Bloom. Pour Silica and CaliMag container into bucket, before mixing in Micro, Grow then Bloom. Store in light proof container or wrap in black plastic.

STAGE	Days of 12/12	Pro-COCO Program					Days of 12/12	Degraded-COCO Program				
GROW		Grow C	M x3	G x1	B x2	CM x0		Grow B	M x2.8	G x1.6	B x1.8	CM x0.8
TRAN 12/12	Day-0 (12/12)	Grow C	M x3	G x1	B x2	CM x0.3	Day-0 (12/12)	Grow C	M x3	G x1	B x2	CM x0.4
	Day-5	Tran	M x2.4	G x1.2	B x3	CM x0.2	Day-5	Tran	M x2.4	G x1.2	B x3	CM x0.5
Early Bloom	Day-15	Early B	M x2.4	G x0.8	B x3	CM x0	Day-15	Early B	M x2.4	G x0.8	B x3	CM x0.2
	Day-20	Early B	M x2.4	G x0.8	B x3	CM x0	Day-20	Early B	M x2.4	G x0.8	B x3	CM x0

(Notes: disposable syringe print can be protected with clear tape. Think high quality Ph meter with calibration chemicals, plus a backup spare.)