HY-GEN NUTRIENTS

INNOVATIVE SCIENCE FOR PLANTS

COCOPEAT FEEDING SCHEDULE

REVISED EDITION

- Applications are based on 10 Litres of water. Rates are for part A and part B (e.g. WEEK 1 is 20mL Part A and 20mL Part B).
- The EC Target is a guide only and is based on RO or demineralised water. Tap water quality may vary depending on location. This will affect EC readings. Safe range is 2.0 – 2.8 in RO. If using tap, measure the EC and subtract the value from your nutrient reading to determine the true EC derived from your nutrients and additives.
- The supplements and plant boosters are organically based and can safely be used at higher dosage rates.
- This feeding schedule should be used as a guide only. Growers should continually monitor their plants and establish their own ideal growing conditions. Consult with your local hydroponic store for further advice.

	Nutrient			Nutrient Supplements		Plant Boosting Supplements			Specifications
	COCOGROW™ Nutrient	**COCOBLOOM™** Nutrient	**BUDLINK®** Improves plant strength, disease resistance and weight^	**NITRO-K™ with trace elements** Enhance Growth Stage	**PK TOP UP™ with trace elements** Enhance Flower Stage	**OMEGAZYME™** Stimulates roots and metabolism, high natural auxin level, can be used for cuttings	**HUMIBOOSTA™** Boost flowering and nutrient uptake – Fulvic/ Humic acid Blend	**SEA ESSENTIALS™** Root & Flower enhancer	**EC Target**
Seedlings /Cuttings	15mL		10mL			15mL			0.8
Week 1	20mL		20mL	5mL		20mL	5mL		1.2
Week 2	25mL		25mL	10mL		20mL	10mL		1.8
Week 3	30mL		30mL	15mL		25mL	10mL		2.1
Week 4	30mL		30mL	20mL		30mL	10mL	10mL	2.2
Week 5	20mL	10mL	30mL	10mL	5mL	10mL	15mL	10mL	2.2
Week 6	10mL	20mL	30mL		10mL		15mL	15mL	2.2
Week 7		30mL	30mL		15mL		15mL	15mL	2.2
Week 8		30mL	30mL		20mL		10mL	20mL	2.1
Week 9		30mL	30mL		30mL		10mL	20mL	2.1
Week 10		30mL	25mL		30mL		10mL	30mL	2.1
Week 11		30mL	25mL		20mL			30mL	1.8
Week 12		30mL	25mL		10mL			20mL	1.8

PH RANGE 5.8-6.5

^ **BUDLINK®** should always be used with nutrient as part C. It compliments nutrients and helps compensate for changes in nutrient uptake in the presence of silica.

HYDROPONIC GENERATIONS

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HY-GEN® PRODUCT GUIDE

HY-GEN NUTRIENTS
INNOVATIVE SCIENCE FOR PLANTS

COCOGROW™

HY-GEN® COCOGROW™ has been specially formulated for the growth or vegetative stage. HY-GEN® COCOGROW™ has been formulated by our Chemist/Owner and manufactured using high grade soluble nutrients. HY-GEN® nutrients are of the highest quality and formulated to be used with quality COCOPEAT such as HY-GEN® COCOPEAT. It may also be used in foliar applications and for soil supplementation. HY-GEN® two part nutrients have been carefully formulated and balanced using advanced ion chemistry and therefore ensuring maximum solubility.

Use HY-GEN® COCOGROW™ during the growth stage and until buds and fruit have started to form.

COCOBLOOM™

HY-GEN® COCOBLOOM™ has been specially formulated for the flowering and fruiting stage. HY-GEN® COCOBLOOM™ has been formulated by our Chemist/Owner and manufactured using high-grade soluble nutrients. HY-GEN® nutrients are of the highest quality and formulated to be used with quality COCOPEAT such as HY-GEN® COCOPEAT. It may also be used in foliar applications and for soil supplementation. HY-GEN® two part nutrients have been carefully formulated and balanced using advanced ion chemistry and therefore ensuring maximum solubility.

Use HY-GEN® COCOBLOOM™ only once buds and fruit have started to form. (i.e. 2 – 3 weeks after reducing light hours).

BUDLINK®

BUDLINK® is still the original and ultimate liquid silica product enjoyed by growers across the world for more than 15 years. BUDLINK's unique recipe has been formulated from the ground up and includes other beneficial elements. BUDLINK® is effective at all stages of growth and flowering. BUDLINK® compensates for differing plant nutrient requirements, which occur in the presence of silica. BUDLINK® improves strength and ability to fight against bacteria and insects. BUDLINK's active ingredients are imbedded into the plant's cell walls producing plants with thicker and greener foliage. When used as a foliar spray it is easily absorbed by the leaves and forms a barrier against airborne bacteria and harsh light levels.

Use BUDLINK® as Part C every time you add nutrient to your tank. BUDLINK® is suitable for all growing systems.

OMEGAZYME™

OMEGAZYME™ contains the very best that nature has to offer. OMEGAZYME™ is the perfect fertiliser supplement. OMEGAZYME™ is derived from carefully prepared cold pressed natural sea kelp and contains organically chelated trace elements and buffers. OMEGAZYME™ is a great pre-conditioner or pre-soak for your coco peat, soil or potting mix. OMEGAZYME™ is safe and effective on all plants. Farmers have long known kelp to be a natural source of nutrition and essentially a tonic for soil grown crops. This ultimately aids in the natural transport processes occurring within the plant rhizosphere. The process helps improve resistance to stress such as drought, over watering, nutrient deficiency and root diseases.

Use OMEGAZYME™ on your plants to keep your plants healthier for longer. The beauty of OMEGAZYME™ is that is offers so much more for both soil and hydroponic growers.

NITRO-K™

NITRO-K™ uses organic based Nitrogen (N), Potassium (K) and chelated Trace elements designed to accelerate roots and to boost leaf and stem health during the vegetative stage and into early flowering. After renewing the working solution, during the first few days plants absorb N, K and trace elements at a rapid rate. As levels fall, the growth rate begins to slow down. Using NITRO-K™ regularly gives your plants a continued supply of valuable Nitrogen, Potassium and trace elements when they are most needed.

Use NITRO-K™ during the vegetative cycle. NITRO-K™ is suitable for all 'run to waste' and 're-circulating' systems.

PK TOP UP™

PK TOP UP™ is designed to boost Phosphorus (P), Potassium (K) and Trace elements levels during the flowering and fruiting stage. After renewing the working solution, during the first few days plants absorb P, K and Trace elements at a rapid rate. As levels fall, the growth rate begins to slow down. Using PK TOP UP™ regularly gives your plants a continued supply of valuable Phosphorus, Potassium and trace elements when it's needed most.

Use PK TOP UP™ once flowers begin to form. PK TOP UP™ is suitable for all 'run to waste' and 're-circulating' systems.

HUMIBOOSTA™

HUMIBOOSTA™ is formulated using Humic and Fulvic acids to improve nutrient solubility. This ensures maximum nutrient availability when plants need it the most. Additional macro nutrient forms of these organic acids ensure that background nutrient levels are replenished throughout all stages of plant development. These nutrients include Calcium, Magnesium and Potassium. HUMIBOOSTA™ assists in maintaining health in the rhizosphere while encouraging beneficial microbes, especially when growing in coco peat and soil. Humic and Fulvic acid are known for their ability to bind to nutrients making them more absorbable. HUMIBOOSTA™ is suitable for all systems.

HUMIBOOSTA™ can be used through all stages of plant growth and flower development. HUMIBOOSTA™ is suitable for all 'run to waste' and 're-circulating' systems.

SEA ESSENTIALS™

SEA ESSENTIALS™ is formulated using a unique blend of sea plants including kelp, seaweed and sea grass. Each has been chosen for its unique plant health promoting properties and micronutrient content. It also promotes flowering and fruit development. Sea plants are known for their high amino acid and natural stimulant content. The naturally occurring compounds also help to promote nutrient uptake and healthy roots in the rhizosphere while encouraging beneficial microbes. SEA ESSENTIALS™ is also low in sodium compared to other products derived from sea plants. It also contains organically bound trace elements as well iodine, which is beneficial to human health.

SEA ESSENTIALS™ can be used through all stages of plant growth and flower development. SEA ESSENTIALS™ is suitable for all 'run to waste' and 're-circulating' systems.

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