SAMURAI COCO

COCO FEED CHART — HARD WATER

Product	Cuttings & Seedlings WK 1	WK 2	Vegetative Growth WK 1	WK 2	WK 3	WK 4	Flowering Growth WK 1	WK 2	WK 3	WK 4	WK 5	WK 6	WK 7	WK 8	Last Week
Start	4 mL/L	4 mL/L													
Samurai Coco A			1-2 mL/L	1-2 mL/L	2-3 mL/L	2-3 mL/L	3-4 mL/L	3-4 mL/L	3-4 mL/L	2-3 mL/L	1-2 mL/L	1-2 mL/L	1-2 mL/L		
Samurai Coco B			1-2 mL/L	1-2 mL/L	2-3 mL/L	2-3 mL/L	3-4 mL/L	3-4 mL/L	3-4 mL/L	2-3 mL/L	1-2 mL/L	1-2 mL/L	1-2 mL/L		
Katana Roots	5 mL/L	5 mL/L	0.2 mL/L	0.2 mL/L	0.2 mL/L	0.2 mL/L	0.2 mL/L	0.2 mL/L	0.2 mL/L						
ZenZym			2.5 mL/L	2.5 mL/L	2.5 mL/L	2.5 mL/L	2.5 mL/L	2.5 mL/L	2.5 mL/L	2.5 mL/L	2.5 mL/L	2.5 mL/L	2.5 mL/L	2.5 mL/L	
Silicon			1 mL/L	1 mL/L	1 mL/L	1 mL/L	1 mL/L	1 mL/L	1 mL/L	1 mL/L	1 mL/L	1 mL/L	1 mL/L		
CalMag			0-0.5 mL/L	0-0.5 mL/L	0-0.5 mL/L	0-0.5 mL/L	0-0.5 mL/L	0-0.5 mL/L	0-0.5 mL/L	0-0.5 mL/L	0-0.5 mL/L	0-0.5 mL/L	0-0.5 mL/L		
Sumo Boost / Sumo Active Boost							2 mL/L	2 mL/L	2 mL/L	2 mL/L	2 mL/L	2 mL/L	1.5 mL/L	1 mL/L	
Sumo Boost / Sumo Active Boost Foliar (Spray once per week)							2 ⊛ mL/L			2 ⊛ mL/L					
PK Warrior 9/18											1 mL/L	0.5 mL/L	0.5 mL/L	0.5 mL/L	
Dragon Force															4 mL/L
Geisha Foliar (Spray once per week)			⊛		⊛		⊛		⊛		⊛		⊛		
Conductivity (Tap water EC = 0-0.2)	1-1.2	1-1.2	1.2-1.5	1.2-1.5	1.5-1.9	1.5-1.9	1.7-2.2	1.7-2.2	1.7-2.2	1.8-2.5	1.2-1.8	1.2-1.8	1.2-1.5		

COCO FEED CHART — SOFT WATER

Product	Cuttings & Seedlings WK 1	WK 2	Vegetative Growth WK 1	WK 2	WK 3	WK 4	Flowering Growth WK 1	WK 2	WK 3	WK 4	WK 5	WK 6	WK 7	WK 8	Last Week
Start	4 mL/L	4 mL/L													
Samurai Coco A			2 mL/L	2 mL/L	3 mL/L	3 mL/L	4 mL/L	4 mL/L	4 mL/L	3-4 mL/L	2-3 mL/L	2-3 mL/L	2-3 mL/L		
Samurai Coco B			2 mL/L	2 mL/L	3 mL/L	3 mL/L	4 mL/L	4 mL/L	4 mL/L	3-4 mL/L	2-3 mL/L	2-3 mL/L	2-3 mL/L		
Katana Roots	5 mL/L	5 mL/L	0.2 mL/L	0.2 mL/L	0.2 mL/L	0.2 mL/L	0.2 mL/L	0.2 mL/L	0.2 mL/L						
ZenZym			2.5 mL/L	2.5 mL/L	2.5 mL/L	2.5 mL/L	2.5 mL/L	2.5 mL/L	2.5 mL/L	2.5 mL/L	2.5 mL/L	2.5 mL/L	2.5 mL/L	2.5 mL/L	
Silicon			1 mL/L	1 mL/L	1 mL/L	1 mL/L	1 mL/L	1 mL/L	1 mL/L	1 mL/L	1 mL/L	1 mL/L	1 mL/L		
CalMag			1 mL/L	1 mL/L	1 mL/L	1 mL/L	0-1 mL/L	0-1 mL/L	0-1 mL/L	0-1 mL/L	0-1 mL/L	0-1 mL/L	0-1 mL/L		
Sumo Boost / Sumo Active Boost							2 mL/L	2 mL/L	2 mL/L	2 mL/L	2 mL/L	2 mL/L	1.5 mL/L	1 mL/L	
Sumo Boost / Sumo Active Boost Foliar (Spray once per week)							2 ⊛ mL/L			2 ⊛ mL/L					
PK Warrior 9/18											1 mL/L	0.5 mL/L	0.5 mL/L	0.5 mL/L	
Dragon Force															4 mL/L
Geisha Foliar (Spray once per week)			⊛		⊛		⊛		⊛		⊛		⊛		
Conductivity (Tap water EC = 0-0.2)	1-1.2	1-1.2	1.2-1.5	1.2-1.5	1.5-1.9	1.5-1.9	1.7-2.2	1.7-2.2	1.7-2.2	1.8-2.5	1.2-1.8	1.2-1.8	1.2-1.5		

WHICH SUMO BOOST SHOULD I CHOOSE?

We have two variants of our Sumo Boost depending upon which type of system you are using. You only need to choose one – usage is the same for both products.

SUMO BOOST

- Improves yield taste & quality.
- Contains the same active ingredients as Sumo Active Boost.
- Perfect for use in hand watering situations where the mixed solution is used within 24hrs

SUMO ACTIVE BOOST

- Improves yield taste and quality.
- Uses a unique emulsion technology to prevent fermentation in tanks and avoid blockages in drippers.
- Ideal for active hydroponics or irrigation systems where the product will remain in a tank for up to 14 days.
- More compatible with micro-irrigation and dripper.

TIP

In general coir requires approximately 20-40% drain each day to keep the EC in the root zone within an acceptable concentration. If you do not run any nutrient to drain, make sure that you apply water only every third watering during the winter months (when grow rooms are cooler) and every other watering in the summer (when grow rooms are warmer). Checking the EC/CF and pH levels of your run off also helps to build a sound irrigation strategy. The drain conductivity should be between 0-15% higher than the input solution conductivity.

Sumo Boost can be used as a foliar feed to further enhance its impact. Follow direction in the charts and foliar feed just once per week in the indicated weeks.

CalMag can also be used as a foliar feed to correct deficiencies relating to poor establishment or environmental problems. Use once per week at 15mL/L until the issue is resolved.

Katana Roots can also be used as a foliar application to kick-start growth for stressed or poorly established plants. Use every 14-21 days at 10ml/L.

MORE THAN JUST A BASE FEED

We believe that the best results come from incorporating the most effective yield building elements into your plants from the earliest possible stage. For this reason our Samurai Coco nutrient includes two unique technologies that lay the foundations for legendary performance from the very moment you start using the base nutrient.

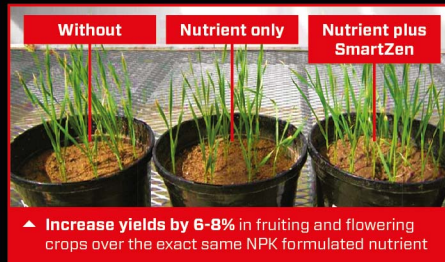# THE ONLY BASE NUTRIENT ON THE MARKET THAT CONTAINS A HIGH PERFORMANCE STIMULANT

Most base feeds currently available are a relatively basic mix of mineral elements. Our base feeds are different. The revolutionary SmartZen ingredient is included in all of our base nutrients and contains a blend of world class stimulants from around the world. Some of these ingredients are derived from millions of dollars worth of research from the commercial agriculture sector and have been expertly blended by us to create a world class additive – right there in the base feed!

SMART ZEN
MAXIMISER

- Unique bio-stimulant blend designed to maximise nutrient uptake and performance.
- Shown in greenhouse trials to increase yield by up to 8% over the exact same nutrient formulation but without the SmartZen.
- Inclusion of SmartZen also improves the uptake and performance of other additives used.

Without SmartZen

Nutrients with SmartZen
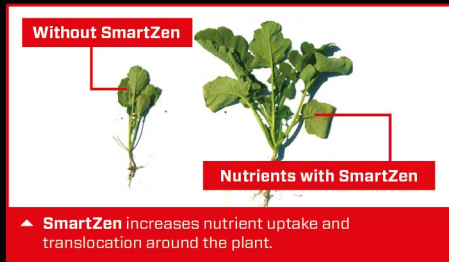
▲ **SmartZen** increases nutrient uptake and translocation around the plant.

Without | **Nutrient only** | **Nutrient plus SmartZen**

▲ **Increase yields by 6-8%** in fruiting and flowering crops over the exact same NPK formulated nutrient

Without | **Nutrient only** | **Nutrient plus SmartZen**
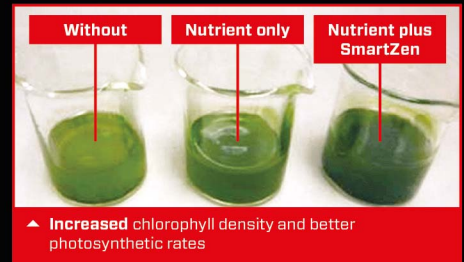
▲ **Increased** chlorophyll density and better photosynthetic rates

SUPERIOR NUTRIENT DISTRIBUTION

AQUA ZEN
SLOW WATER
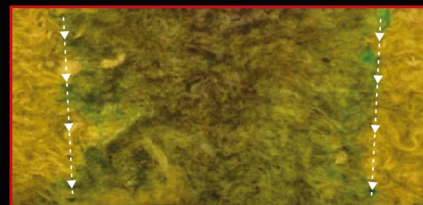
- Slows down the flow of nutrients through growing media creating a more even distribution of liquid throughout the whole pot.
- Even nutrient distribution maximises root development and nutrient to root contact time.
- Maximises nutrient uptake potential - water absorption by the media is increased helping to prevent drying out between feeds.

LEARN MORE

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