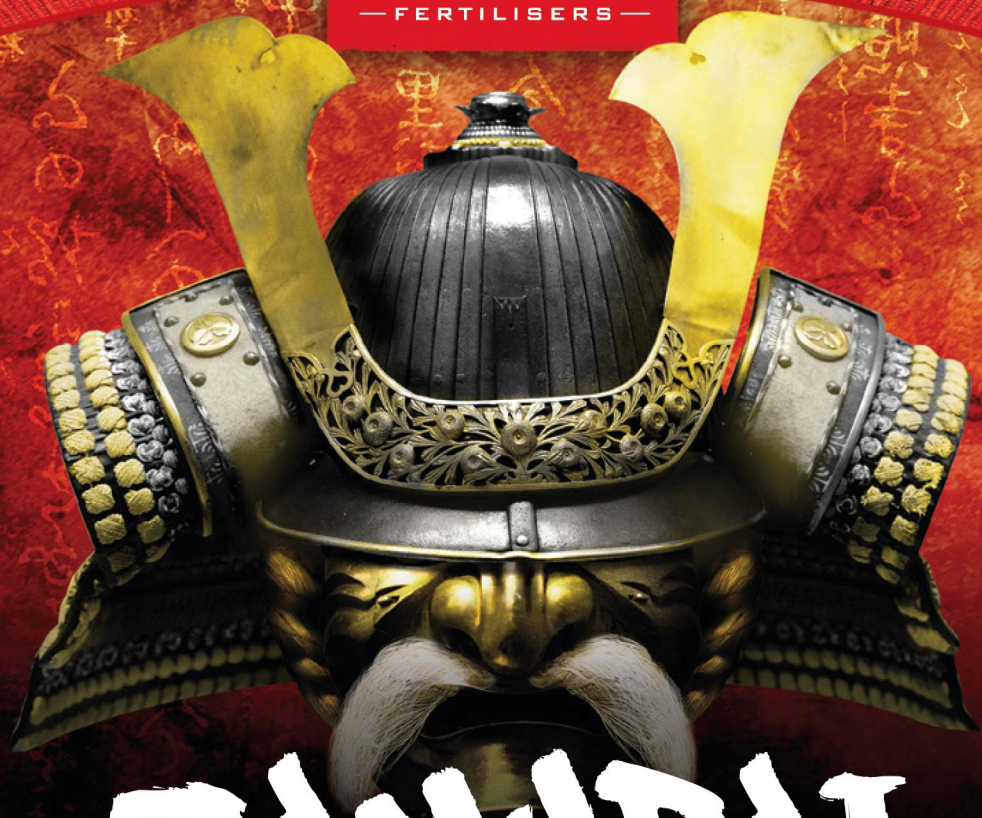


 **BRITISH
MADE**

**SHO
GUN**

— FERTILISERS —



SAMURAI

HYDRO

FEEDCHART

HYDRO FEED CHART HARD WATER

Product	Cuttings & Seedlings		Vegetative Growth				Flowering Growth								LAST WEEK
	WK 1	WK 2	WK 1	WK 2	WK 3	WK 4	WK 1	WK 2	WK 3	WK 4	WK 5	WK 6	WK 7	WK 8	
Start	4 mL/L	4 mL/L													Just add water
Samurai Hydrogrow A			1-2 mL/L	1-2 mL/L	2-3 mL/L	2-3 mL/L									
Samurai Hydrogrow B			1-2 mL/L	1-2 mL/L	2-3 mL/L	2-3 mL/L									
Samurai Hydrobloom A							3 mL/L	3 mL/L	3 mL/L	2-3 mL/L	1-2 mL/L	1-2 mL/L	1-2 mL/L		
Samurai Hydrobloom B							3 mL/L	3 mL/L	3 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	1 mL/L	
CalMag			0.5 mL/L	0.5 mL/L	0.5 mL/L	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	1.7-2.0	1.7-2.0	1.7-2.0	1.8-2.3	1.2-1.8	1.2-1.8	1.2-1.5		



SUMO ACTIVE BOOST

- THE ULIMATE BOOST FOR HYDRO SYSTEMS

Sumo Active Boost has been specifically formulated and optimised for use in active hydro systems. Its unique formulation allows it to deliver outstanding yield boosting results whilst maintaining perfect in tank stability.

- 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.

HYDRO FEED CHART SOFT WATER

Product	Cuttings & Seedlings		Vegetative Growth				Flowering Growth								LAST WEEK
	WK 1	WK 2	WK 1	WK 2	WK 3	WK 4	WK 1	WK 2	WK 3	WK 4	WK 5	WK 6	WK 7	WK 8	
Start	4 mL/L	4 mL/L													Just add water
Samurai Hydrogrow A			2 mL/L	2 mL/L	3 mL/L	3 mL/L									
Samurai Hydrogrow B			2 mL/L	2 mL/L	3 mL/L	3 mL/L									
Samurai Hydrobloom A							3 mL/L	3 mL/L	3 mL/L	2-3 mL/L	1-2 mL/L	1-2 mL/L	1-2 mL/L		
Samurai Hydrobloom B							3 mL/L	3 mL/L	3 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	1 mL/L	
CalMag			0.5 mL/L	0.5 mL/L	0.5 mL/L	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	1.7-2.0	1.7-2.0	1.7-2.0	1.8-2.3	1.2-1.8	1.2-1.8	1.2-1.5		

TIP

In general rockwool or other inert media requires 10-30% 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

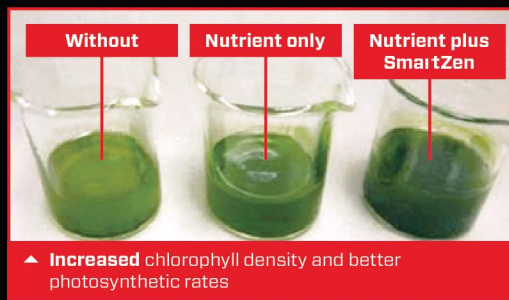
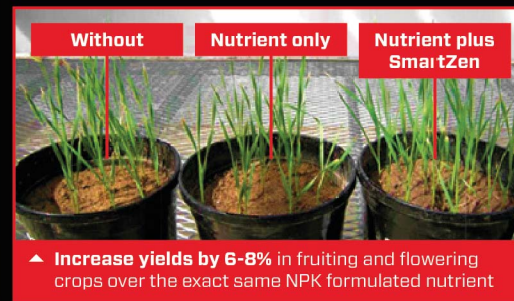
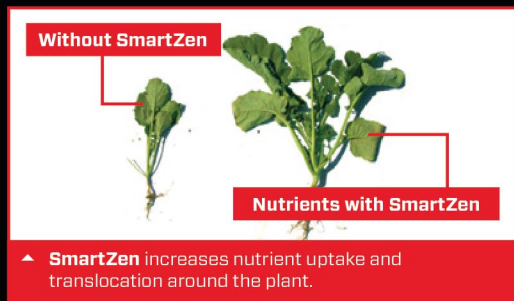
We believe that the best results come from incorporating the most effective yield building elements into your plants from the earliest possible stage. For this reason our Samurai Hydro nutrient includes two unique technologies that lay the foundations for legendary performance from the very moment you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



- 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.



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