



IN BALANCE WITH NATURE

ADDITIONAL EDUCATION AND TECHNICAL SUPPORT

In order to better educate growers, **APTUS EDUCATION** is an ideal way to get more insight in plant nutrition and stimulation. Growers who join the APTUS Family are more successful, more engaged with their store and more fanatical about their gardens.

Product knowledge and application are the key to success and ensure satisfied and loyal customers. If you want to experience the education and service of a world class plant nutrition company, contact us so that we can inform and train you properly.

Please schedule a meeting so that we can discuss your options.

Inquiries: info@aptus-holland.com



USER MANUAL



www.aptus-holland.com

TRUE PLANT SCIENCE

THE APTUS PHILOSOPHY

The APTUS philosophy is to provide quality uniform products and education that enhances the growers' production and cultivation ability. The APTUS philosophy is based on a preventive methodology for plant, pest and environmental problems.

Simply put, to avoid problems before they arise.

Education

Everything we do begins with proper education. We focus on the benefit (and truth) of maximizing plant genetic potential through natural, science-based nutrition technologies. Our chief desire is to create a community of growers who understand why they achieve bigger yields with higher quality and better nutritional value.

Quality

We are constantly vigilant of the quality of our ingredients, distribution channels and staff. Growers can be confident that their plants receive no synthetic or harmful materials from Aptus products - only natural nutrition. All ingredients are of the highest and of the purest quality.

Value

All our products are made to let the end-user experience the best possible result. The high concentrations of our nutrient formulas mean low running cost and minimal waste. Growers typically achieve better quality and higher yields for far less cost.

**“Only the very best
is good enough”**



REGULATOR
(super concentrated, 1:6660)
Nutrition manager, anti-stress plant enhancer

SUPER-PK
(super concentrated, 1:2000)
Powerful PK bloom stimulator

DISLIKE
(5 ml preventive, 10 ml shock treatment)
Prevents harmful flying, sucking and crawling insects

ALL-IN-ONE LIQUID
(super concentrated 1:1000)
Complete mineral based fertilizer, with no chloride and added acids, that can be used from start till finish

STARTBOOSTER
(super concentrated, 1:4000)
Root- and growth booster

N-BOOST
(super concentrated, 1:2000)
Nitrogen booster

SOIL ATTACK GRANULAAT
(1:4000 preventive, 1:2000 shock treatment)
Prevents problems with soil borne insects

ALL-IN-ONE PELLET
(10 to 12 weeks nutrition in your soil)
Complete 100% organic pellet fertilizer with slow-release effect that provides complete nutrition for plant development

TOPBOOSTER
(super concentrated, 1:5000)
Bloom stimulator

P-BOOST
(super concentrated, 1:2000)
Phosphorus booster

SOIL ATTACK LIQUID
(1:4000 preventive, 1:2000 shock treatment)
Prevents problems with soil borne insects

ENZYM+
(super concentrated, 1:5000)
Powerful blend of enzymes

K-BOOST
(super concentrated, 1:2000)
Maturation booster

MICROMIX DRIP
(1 g/L water)
Beneficial soil borne microlife

NUTRISPRAY
(super concentrated, 1:500)
CE foliar fertilizer

CaMg-BOOST
(super concentrated, 1:2000)
Bud booster

MICROMIX SOIL
(1 g per plant)
Beneficial soil borne microlife

FUNGONE
(ready to use product)
Prevents fungi, bacteria and viruses

FULVIC-BLAST
(super concentrated, 1:3333)
Complete microelement booster

MYCOR MIX
(1 g per plant)
Enlarges root system and facilitates nutrient uptake (especially phosphorus)

SYSTEM-CLEAN
(extra oxygen for plants)
Cleaning drip systems

HUMIC-BLAST
(super concentrated, 1:3333)
Organic soil conditioner



APTUS PRODUCTS

HOW to mix your Aptus nutrients

STEP 1

Fill your reservoir with clean, fresh water



STEP 2

Add Regulator and mix properly*



STEP 3

Add N/P/K/ CaMg-Boosters



STEP 4

Check EC/PPM levels



STEP 5

Add base NPK fertilizer until desired EC is reached**



STEP 6

Add Startbooster and/or Topbooster and mix in between**



STEP 7

Check the pH and adjust to 5.8 (hydro/coco) or 6.2 (soil)



STEP 8

Use feed water within 2-3 days if possible





































































































* Extremely important to do this first and mix very well





** Use clean measuring implements for every product you add to avoid contamination

CAUTION: If you leave the solution for more than 3 days, biofilm may build up and potentially clog drip lines in hydro systems.

Problem	Product	Dosage	Location	Application	Frequency
Too high EC in substrate	Enzym+	50 ml/100 L of water	Substrate	Irrigation or pouring	Once a week
Deficiency micro elements	NutriSpray	2 ml/L of water	Plant	Spray plant leaves	Every 15-20 days
Deficiency micro elements	Fulvic-Blast	30 ml/100 L of water	Substrate	Irrigation or pouring	If necessary
Re-use substrate	Humic-Blast	30 ml/100 L of water	Substrate	Irrigation or pouring	Last 2-3 times before harvest
Re-use substrate	Enzym+	50 ml/100 L of water	Substrate	Irrigation or pouring	Last 2-3 times before harvest
Improvement root uptake	Mycor Mix	1 g per plant	Substrate	Straw in planthole	Once
Restoring microlife	MicroMix Soil	0,5-1 g/L of substrate	Substrate	Mix through soil	Once
Stimulation microlife	MicroMix Drip	1 g/L of water	Substrate	Irrigation or pouring	At the start and every 30 days
Leaf-eating insects	Dislike	5-10 ml/L of lukewarm water	Plant	Spray plant leaves	5x every 3 days, after that every 10 days
Soil born insects	Soil Attack	2,5-5 ml/L of water	Substrate	Irrigation or pouring	1-2 times per cycle
Fungal infection	Fungone	Ready to use	Plant	Spray plant leaves	Every 7-10 days
Fungal infection	Fungone-C	1 L on 4 L of water	Plant	Spray plant leaves	Every 7-10 days
Clogged irrigation systems	System-Clean	25 ml/L of water	System	Irrigation or pouring	Once a week













































	SEEDING 	PLANTING 	GROWTH 	EARLY FLOWERING 	LATE FLOWERING 	MATURATION 	CLEANING
Water							
Regulator	1 ml/L	1,5 ml/10 L   	1,5 ml/10 L   	1,5 ml/10 L   	1,5 ml/10 L   	1,5 ml/10 L   	
Super-PK				2,5 ml/10 L   	5 ml/10 L   		
K-Boost					5 ml/10 L   	5 ml/10 L   	
EC-check	Check your EC						
NPK-nutrient	Add until desired EC						
Startbooster	1 ml/L	2,5 ml/10 L   	2,5 ml/10 L   	2,5 ml/10 L   			
Topbooster				2 ml/10 L   	2 ml/10 L   	2 ml/10 L   	
pH-check	pH 5,8 - 6,2						
If necessary:							
N-Boost		2,5 ml/10 L   	5 ml/10 L   	5 ml/10 L   			
Enzym+			5 ml/10 L   	5 ml/10 L   	5 ml/10 L   	5 ml/10 L   	10 ml/10 L* 
System-Clean			2,5 ml/10 L   	2,5 ml/10 L   	2,5 ml/10 L   	2,5 ml/10 L   	2,5 ml/10 L 
NutriSpray		2 ml/L 	2 ml/L 	2 ml/L 	2 ml/L 	2 ml/L 	
Dislike		4 ml/L 	5 ml/L 	5-10 ml/L 	5-10 ml/L 	5-10 ml/L 	
Soil Attack Liquid			2,5-5 ml/10 L 	2,5-5 ml/10 L 	2,5-5 ml/10 L 	2,5-5 ml/10 L 	
Humic-Blast						5 ml/10 L 	10 ml/10 L* 

* WHEN REUSING MEDIUM, ADD THESE PRODUCTS FOR THE LAST TWO WATERINGS





-  **SPRAY**
-  **POURING**
-  **CONTINUOUS** (with every watering)
-  **PERIODIC** (once a week)

-  **Short lighting period**
-  **Long lighting period**































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Water							
Regulator	1 ml/L	1,5 ml/10 L   	1,5 ml/10 L   	1,5 ml/10 L   	1,5 ml/10 L   	1,5 ml/10 L   	
P-Boost				5 ml/10 L   	5 ml/10 L   		
CaMg-Boost			2,5 ml/10 L   	2,5 ml/10 L   	2,5 ml/10 L   	2,5 ml/10 L   	
K-Boost					3 ml/10 L   	5 ml/10 L   	
EC-check	Check your EC						
NPK-nutrient	Add until desired EC						
Startbooster	1 ml/L	2,5 ml/10 L   	2,5 ml/10 L   	2,5 ml/10 L   			
Topbooster				2 ml/10 L   	2 ml/10 L   	2 ml/10 L   	
pH-check	pH 5,8 - 6,2						
If necessary:							
N-Boost		2,5 ml/10 L   	5 ml/10 L   	5 ml/10 L   			
Enzym+			5 ml/10 L   	5 ml/10 L   	5 ml/10 L   	5 ml/10 L   	10 ml/10 L* 
System-Clean			2,5 ml/10 L   	2,5 ml/10 L   	2,5 ml/10 L   	2,5 ml/10 L   	2,5 ml/10 L 
NutriSpray		2 ml/L 	2 ml/L 	2 ml/L 	2 ml/L 	2 ml/L 	
Dislike		4 ml/L 	5 ml/L 	5-10 ml/L 	5-10 ml/L 	5-10 ml/L 	
Soil Attack Liquid			2,5-5 ml/10 L 	2,5-5 ml/10 L 	2,5-5 ml/10 L 	2,5-5 ml/10 L 	
Humic-Blast						5 ml/10 L 	10 ml/10 L* 

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-  **Long lighting period**



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Water							
Regulator	1 ml/L	1,5 ml/10 L   	1,5 ml/10 L   	1,5 ml/10 L   	1,5 ml/10 L   	1,5 ml/10 L   	
P-Boost				5-6 ml/10 L   	7-8 ml/10 L   		
CaMg-Boost			5 ml/10 L   	5 ml/10 L   	5 ml/10 L   	5 ml/10 L   	
K-Boost					3-5 ml/10 L   	7,5-10 ml/10 L   	
EC-check	Check your EC						
NPK-nutrient	Add until desired EC						
Startbooster	1 ml/L	2,5 ml/10 L   	2,5 ml/10 L   	2,5 ml/10 L   			
Topbooster				2,5 ml/10 L   	3 ml/10 L   	4 ml/10 L   	
pH-check	pH 5,8 - 6,2						
If necessary:							
N-Boost		2,5 ml/10 L   	5 ml/10 L   	5 ml/10 L   			
Enzym+			5 ml/10 L   	5 ml/10 L   	5 ml/10 L   	5 ml/10 L   	10 ml/10 L* 
System-Clean			2,5 ml/10 L   	2,5 ml/10 L   	2,5 ml/10 L   	2,5 ml/10 L   	2,5 ml/10 L 
NutriSpray		2 ml/L 	2 ml/L 	2 ml/L 	2 ml/L 	2 ml/L 	
Dislike		4 ml/L 	5 ml/L 	5-10 ml/L 	5-10 ml/L 	5-10 ml/L 	
Soil Attack Liquid			2,5-5 ml/10 L 	2,5-5 ml/10 L 	2,5-5 ml/10 L 	2,5-5 ml/10 L 	
Humic-Blast						5 ml/10 L 	10 ml/10 L* 

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NOTE: only use nutrient schedule "Extreme" on healthy and vital plants

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