

#### 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 www.aptus-holland.com

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BALANCE WITH NATUE



# **USER MANUAI**









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#### 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.

# "Only the very best is good enough"

#### 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.



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

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

TOPBOOSTER (super concentrated, 1:5000) Bloom stimulator

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

**NUTRISPRAY** (super concentrated, 1:500) CF foliar fertilizer

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

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



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

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

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

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

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

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

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



DISLIKE

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

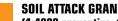
MICROMIX DRIP

(1ml per plant) Beneficial soil borne microlife

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

#### MYCOR MIX

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



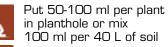
SOIL ATTACK GRANULAAT (1:4000 preventive, 1:2000 shock treatment) Prevents problems with soil borne insects

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

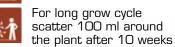


#### ALL-IN-ONE

(10 to 12 weeks nutrition in your soil) Complete 100% organic nutrition with slow-release effect



Give water and care





# PRODUCTS **APTUS**

Water   Indu		STATISTICS.	A DESCRIPTION OF		State of Lot of			
Water   Immu		SEEDING ᅇ	PLANTING ᅇ	GROWTH ᅇ	EARLY FLOWERING <sup>©</sup>	LATE FLOWERING <sup>Q</sup>	MATURATION <b>°</b>	CLEANING
Super-PK     Image: Super-PK </td <td>Water</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>	Water							
K-Boost   Image: Construction of the const	Regulator	1 ml/L	1,5ml/10 L  🔯	1,5ml/10 L 🚺 🖸	1,5ml/10 L  🙀 🖸	1,5ml/10 L 🛛 🚺 🖸	1,5ml/10 L  🙀 🖸	
EC-check     Check your EC       NPK-nutrient     Add until desired EC       Startbooster     1 m/l     2,5m/101 % 2     2,5m/101 % 2     2,5m/101 % 2     2,1m/101 % 2     2m/101 % 2     2m/10 % 2	Super-PK				2,5ml/10 L 🛛 🔀 🖸	5ml/10 L 🛛 🚺 🖸		
NPK-nutrient   Add until desired EC     Startbooster   1 m/l   2,5ml/101 16 (2)   2,5ml/101 16 (2)   2,1ml/101 16 (2)   2ml/101 16 (2) <td>K-Boost</td> <td></td> <td></td> <td></td> <td></td> <td>5ml/10 L 🛛 🚺 🖸</td> <td>5ml/10 L 🛛 🙀 🖸</td> <td></td>	K-Boost					5ml/10 L 🛛 🚺 🖸	5ml/10 L 🛛 🙀 🖸	
Startbooster   1 m/l   2,5m/101 100   2,5m/101 100   2,5m/101 100   1000   2,5m/101 100   1000   2m/101 100   10000   10000   10000   10000   10000   100000   100000   100000   100000   100000   100000   100000   100000   100000   100000   100000   100000   1000000   1000000   1000000   1000000   1000000   1000000   1000000   1000000	EC-check	Check your E			<u>`</u>			
Topbooster   Image: Control of the co	NPK-nutrient	Add until des	sired EC					
pH-check   pH 5,8     If necessary:   5m/101   5m/101<	Startbooster	1 ml/L	2,5ml/10 L  🔯	2,5ml/10 L  🔀	2,5ml/10 L 🛛 🚺 🖻			
If necessary:   Sml/101   Sml/101<	Topbooster				2ml/10 L 🛛 🚯 🖸	2ml/10 L 🛛 🚺 🖸	2ml/10 L 🛛 🚯 🖸	
N-Boost   2,5ml/101   5ml/101	pH-check	pH 5,8						
N-Boost   2,5ml/101   5ml/101								
Enzym+Image: Constraint of the state of the	If necessary:							
System-Clean   2m/L   2m/L <td>N-Boost</td> <td></td> <td>2,5ml/10 L 🙀 🖻</td> <td>5ml/10 L 🛛 🔛 🗖</td> <td>5ml/10 L 🛛 🙀 🖻</td> <td></td> <td></td> <td></td>	N-Boost		2,5ml/10 L 🙀 🖻	5ml/10 L 🛛 🔛 🗖	5ml/10 L 🛛 🙀 🖻			
NutriSpray   2m/L   3<	Enzym+			5ml/10 L 🛛 🔛 🗖	5ml/10 L 🛛 🔯 🖻	5ml/10 L 🛛 🚺 🗖	5ml/10 L 🛛 🙀 🖻	10ml/10 L*  👔
Dislike   4m/L   5m/L   4m/L   5m/L	System-Clean			2,5ml/10 L 🙀 🖻	2,5ml/10 L 🛛 🙀 🖸	2,5ml/10 L  🙀 🖸	2,5ml/10 L 🛛 🙀 🖸	2,5ml/10 L  🚺
Soil Attack Liquid   Image: Constraint of the second of	NutriSpray		2ml/L	2ml/L 🤮	2ml/L	2ml/L	2ml/L	
	Dislike		4ml/L 🤮	5ml/L 🤮	5-10ml/L 🛃	5-10ml/L 🛃	5-10ml/L 🛃	
	Soil Attack Liquid			2,5-5ml/10 L  🕅	2,5-5ml/10 L	2,5-5ml/10 L  📉	2,5-5ml/10 L  📉	
HUMIC-BIAST 5ml/10 L* 🚱 10ml/10	Humic-Blast						5ml/10 L* 🏼 🔯	10ml/10 L* 🛛 👫

\* WHEN REUSING MEDIUM, IN LAST TWO WATERINGS

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

Short lighting period
Long lighting period

RODUGA

PRATE PLAT

	PLANTING 📯	GROWTH 🍄	EARLY FLOWERII	NG 오	LATE FLOWER	ING 💡	MATURAT	ION 오	CLEANIN	G
ml/L	1,5ml/10 L  🔀 🖸	1,5ml/10 L  🖸	1,5ml/10 L 🛛 🚺		1,5ml/10 L		1,5ml/10 L			
			5ml/10 L 🛛 👫		5ml/10 L					
		2,5ml/10 L 🥻 🖻	2,5ml/10 L	8 🖻	2,5ml/10 L	🕅 🖻	2,5ml/10 L	<b>P</b>		
					3ml/10 L		5ml/10 L			
neck your E(	C	· · ·				!				
ld until desi	red EC									
ml/L	2,5ml/10 L  🔀	2,5ml/10 L [ 🔀 🖸	2,5ml/10 L 😽	8 P						
			2ml/10 L 😽		2ml/10 L		2ml/10 L			
15,8		· · ·		I						
			A a				1 100	1		
	2,5ml/10 L [ 🔀 🗖	5ml/10 L 🛛 🚺 🗖	5ml/10 L	8 🖻						
		5ml/10 L 🛛 🔯 🖻	5ml/10 L	8 🖻	5ml/10 L	P	5ml/10 L	P	10ml/10 L*	ľ
		2,5ml/10 L  🖸	2,5ml/10 L		2,5ml/10 L		2,5ml/10 L		2,5ml/10 L	ľ
	2ml/L	2ml/L 😫	2ml/L		2ml/L		2ml/L			
	4ml/L	5ml/L 🚭	5-10ml/L		5-10ml/L	<b>E</b>	5-10ml/L	<b>e</b>		
		2,5-5ml/10 L  🕅	2,5-5ml/10 L		2,5-5ml/10 L		2,5-5ml/10 L			
							5ml/10 L*		10ml/10 L*	ľ
- -	eck your Ed d until desi ml/L	eck your EC     d until desired EC     ml/L   2,5ml/10 L     5,8     2,5ml/10 L   2     2   2     2   2     2   2     2   2     2   2     2   2	2,5ml/10 L   2,5ml/10 L     eck your EC     Id until desired EC     ml/L   2,5ml/10 L     5,8     5,8     2,5ml/10 L   2,5ml/10 L     2,5ml/10 L   2     5,8     2,5ml/10 L   2     2   2     2   2     2   2     2   2     2   2     2   2     2   2     2   3     3   3     3   3     3   3     4   3     3   3	Image: state stat	Image: Second	Image: Second	Image: Second	Image: Second	Image: Section of the section of th	i   i

**PRO** 

	SEEDING ᅇ	PLANTING ᅇ	GROWTH ᅇ	EARLY FLOWERING	LATE FLOWERING <sup>Q</sup>	MATURATION <b>P</b>	CLEANING
Water							
Regulator	1 ml/L	1,5ml/10 L  🔀 🖸	1,5ml/10 L  🚺 🖸	1,5ml/10 L  🖹 🖸	1,5ml/10 L  🙀 🖸	1,5ml/10 L 🛛 🚺 🖸	
P-Boost				5-6ml/10 L 🛛 🕌 🖸	7-8ml/10 L 🛛 🔛 🖸		
CaMg-Boost			5ml/10 L 🛛 🚺 🖻	5ml/10 L 🛛 🔀 🖻	5ml/10 L 🛛 🚺 🖻	5ml/10 L 🛛 🔀 🖻	
K-Boost					3-5ml/10 L 🛛 🚺 🖸	7,5-10ml/10 L  🔯 🖸	
EC-check	Check your E	C					
NPK-nutrient	Add until des	ired EC					
Startbooster	1 ml/L	2,5ml/10 L  🚺 🖸	2,5ml/10 L 🛛 🚯 🖸	2,5ml/10 L 🛛 🙀 🖻			
Topbooster				2,5ml/10 L 🛛 🙀 🖸	3ml/10 L  🙀 🖸	4ml/10 L 🛛 🔯 🖻	
pH-check	pH 5,8						
						at Mark Co	
If necessary:							
N-Boost		2,5ml/10 L [ 🔀 🖻	5ml/10 L 🛛 🚺 🖻	5ml/10 L 🛛 🙀 🖻			
Enzym+			5ml/10 L 🛛 🚺 🖻	5ml/10 L 🛛 🔯 🖻	5ml/10 L 🛛 🔯 🖻	5ml/10 L 🛛 🔯 🖻	10ml/10 L* 🛛 🚹
System-Clean			2,5ml/10 L  🔀 🖸	2,5ml/10 L 🛛 🚺 🖸	2,5ml/10 L 🛛 🙀 🖸	2,5ml/10 L 🛛 🚺 🖸	2,5ml/10 L 🛛 🚺
NutriSpray		2ml/L	2ml/L	2ml/L	2ml/L	2ml/L 😫	
Dislike		4ml/L 🧲	5ml/L 💽	5-10ml/L	5-10ml/L 😫	5-10ml/L 😫	
Soil Attack Liquid			2,5-5ml/10 L  🕅	2,5-5ml/10 L 🔒	2,5-5ml/10 L	2,5-5ml/10 L 🛛 🕅	
Humic-Blast						5ml/10 L*  🔯	10ml/10 L* 🛛 👔

### **HOW to mix your Aptus nutrients**

#### **STEP 1**

water

Fill your reservoir with clean, fresh

STEP 2 **STEP 3** Add N/P/K/ Add Regulator and mix for 5 minutes\* CaMg-Boosters

**STEP 4** Check EC/PPM

levels

**STEP 5** 

Add base NPK

fertilizer until

desired EC

and mix\*\*

#### STEP 6 Add Startbooster

or Topbooster

one at a time

## **STEP 7**

Check the pH and adjust to 5.8 (hydro) 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 \*
- \* \* In case All-in-One nutrient pellet is used: Only give NPK nutrient by deficiencies or if desired
- \*\*\* Use clean measuring implements for each booster 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.

Situation	Location	Product	Dosage	Application	Frequency
Fungal attack	Plant	Fungone	Ready to use	Spray on the leaf	Every 7 - 10 days
Fungal attack	Plant	Fungone-C	1 part to 4 parts of water	Spray on the leaf	Every 7 - 10 days
Insects	Plant	Dislike	5 ml per liter of water	Spray on the leaf Every	10 - 15 days
Micro elements deficiency	Plant	NutriSpray	2 ml per liter of water	Spray on the leaf	Every 15 - 20 days
Micro elements deficiency	Medium	Fulvic-Blast	3 ml per 10 L of water	Irrigation or pouring	lf necessary
Too high EC in the medium	Medium	Enzym+	5 ml per 10 L of water	Irrigation or pouring	1 x per week
Restore medium end of cultivation	Medium	Humic-Blast	3 - 5 ml per 10 L of water	Irrigation or pouring	Last 2 - 3 watering
Clogged irrigation systems	Irrigation	System-Clean	2,5 ml per 10 L of water	Irrigation	1 x per week
Root uptake improvement	Medium	Mycor Mix	1 g per plant	Add in plant hole	Once
Restore microlife	Medium	Micromix Soil	1 - 2 ml per plant	Mix with medium	Once
Stimulation microlife	Medium	Micromix Drip	1 ml per liter of water	Irrigation or pouring	At start and after 30 days
Soil borne insects	Medium	Soil Attack Liquid	2,5 - 5 ml per 10 L of water	Irrigation or pouring	1 - 2 times per cycle

TIPS 2 INSTRUCTIONS MIXING

and mix each \* \* \*