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

APTUS
P L A N T   T E C H

IN BALANCE WITH NATURE

USER MANUAL

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"

APTUS PRODUCTS

APTUS PLANT CARE

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)
CE foliar fertilizer

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

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

APTUS SPECIALTY BOOSTERS

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

CaMg-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

APTUS INSECT & SOIL CARE

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

APTUS NUTRITION

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

1. Put 50-100 ml per plant in planthole or mix 100 ml per 40 L of soil

2. Give water and care

3. For long grow cycle scatter 100 ml around the plant after 10 weeks

	SEEDING 👯	PLANTING 👯	GROWTH 👯	EARLY FLOWERING 👤	LATE FLOWERING 👤	MATURATION 👤	CLEANING
Water							
Regulator	1 ml/L	1,5ml/10 L 🪣C	1,5ml/10 L 🪣C	1,5ml/10 L 🪣C	1,5ml/10 L 🪣C	1,5ml/10 L 🪣C	
Super-PK				2,5ml/10 L 🪣C	5ml/10 L 🪣C		
K-Boost					5ml/10 L 🪣C	5ml/10 L 🪣C	
EC-check	Check your EC						
NPK-nutrient	Add until desired EC						
Startbooster	1 ml/L	2,5ml/10 L 🪣C	2,5ml/10 L 🪣C	2,5ml/10 L 🪣P			
Topbooster				2ml/10 L 🪣C	2ml/10 L 🪣C	2ml/10 L 🪣C	
pH-check	pH 5,8						
If necessary:							
N-Boost		2,5ml/10 L 🪣P	5ml/10 L 🪣P	5ml/10 L 🪣P			
Enzym+			5ml/10 L 🪣P	5ml/10 L 🪣P	5ml/10 L 🪣P	5ml/10 L 🪣P	10ml/10 L* 🪣
System-Clean			2,5ml/10 L 🪣C	2,5ml/10 L 🪣C	2,5ml/10 L 🪣C	2,5ml/10 L 🪣C	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* 🪣

* WHEN REUSING MEDIUM, IN LAST TWO WATERINGS

NUTRIENT SCHEDULE - BASIC

🖊 SPRAY
🪣 POURING
C CONTINUOUS (with every watering)
P PERIODIC (once a week)

👤 Short lighting period
👯 Long lighting period

PRODUCT OF APTUS PLANT-TECH

	SEEDING 👓	PLANTING 👓	GROWTH 👓	EARLY FLOWERING 💡	LATE FLOWERING 💡	MATURATION 💡	CLEANING
Water							
Regulator	1 ml/L	1,5ml/10 L 🚿C	1,5ml/10 L 🚿C	1,5ml/10 L 🚿C	1,5ml/10 L 🚿C	1,5ml/10 L 🚿C	
P-Boost				5ml/10 L 🚿C	5ml/10 L 🚿C		
CaMg-Boost			2,5ml/10 L 🚿P	2,5ml/10 L 🚿P	2,5ml/10 L 🚿P	2,5ml/10 L 🚿P	
K-Boost					3ml/10 L 🚿C	5ml/10 L 🚿C	
EC-check	Check your EC						
NPK-nutrient	Add until desired EC						
Startbooster	1 ml/L	2,5ml/10 L 🚿C	2,5ml/10 L 🚿C	2,5ml/10 L 🚿P			
Topbooster				2ml/10 L 🚿C	2ml/10 L 🚿C	2ml/10 L 🚿C	
pH-check	pH 5,8						
If necessary:							
N-Boost		2,5ml/10 L 🚿P	5ml/10 L 🚿P	5ml/10 L 🚿P			
Enzym+			5ml/10 L 🚿P	5ml/10 L 🚿P	5ml/10 L 🚿P	5ml/10 L 🚿P	10ml/10 L* 🚿
System-Clean			2,5ml/10 L 🚿C	2,5ml/10 L 🚿C	2,5ml/10 L 🚿C	2,5ml/10 L 🚿C	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* 🚿

* WHEN REUSING MEDIUM, IN LAST TWO WATERINGS

🚿 SPRAY
🚿 POURING
C CONTINUOUS (with every watering)
P PERIODIC (once a week)

💡 Short lighting period
👓 Long lighting period

PRODUCT OF APTUS PLANT-TECH

	SEEDING 👯	PLANTING 👯	GROWTH 👯	EARLY FLOWERING 💡	LATE FLOWERING 💡	MATURATION 💡	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 EC						
NPK-nutrient	Add until desired 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						
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* 💧

* WHEN REUSING MEDIUM, IN LAST TWO WATERINGS

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

🔲 SPRAY
💧 POURING
🅒 CONTINUOUS (with every watering)
🅟 PERIODIC (once a week)

💡 Short lighting period
👯 Long lighting period

NUTRIENT SCHEDULE – EXTREME

PRODUCT OF APTUS PLANT-TECH

HOW to mix your Aptus nutrients

STEP 1
Fill your reservoir with clean, fresh water

STEP 2
Add Regulator and mix for 5 minutes*

STEP 3
Add N/P/K/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 and mix each***

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	If 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