




HYDRODYNAMICS INTERNATIONAL

Feed Schedule

Plant Stage	Cuttings and Seedlings	Vegetative		Early Bloom	Bloom	Late Bloom	Flush
Week		Weeks 1 - 2	Weeks 3 - 4	Weeks 1 - 3	Weeks 4 - 7	Weeks 8 - 9*	Final Week
Electrical Conductivity	0.8 - 1.1	0.9 - 1.8	1.4 - 1.8	1.4 - 1.8	1.5 - 1.9	1.5 - 1.9	
PPM 700 Scale	560 - 770	630 - 1260	980 - 1260	980 - 1260	1050 - 1330	1050 - 1330	
PPM 500 Scale	400 - 550	450 - 900	700 - 900	700 - 900	750 - 950	750 - 950	

Mineral Nutrition							
Clonex Clone Solution	20 mL/Gal						
Ionic Grow		10 - 20 mL/Gal	15 - 20 mL/Gal				
Ionic Bloom				15 - 20 mL/Gal	15 - 20 mL/Gal		
Ionic PK Boost**				4 mL/Gal	6 - 8 mL/Gal	8 mL/Gal	

Bio - Stimulators							
Fossil Fuel		20 mL/Gal	20 mL/Gal		20 mL/Gal		
GreenFuse Root	0.4 mL/Gal	0.4 mL/Gal					
GreenFuse Grow			0.4 mL/Gal				
GreenFuse Bloom				0.4 mL/Gal	0.4 mL/Gal		

Foliar							
Clonex Mist	Every 2 - 3 days						
Nitrozime		5 mL/Qt	5 mL/Qt	5 mL/Qt			
Fossil Fuel		5 mL/Qt	5 mL/Qt	5 mL/Qt			

Actual concentration values may vary based on source water.

* Use up to 12 weeks for long flowering varieties of plants.

** For long flowering varieties of plants, double the concentration to 8ml during the last 4 weeks of bloom.

CLONEX

ROOTING COMPOUND
CLONE SOLUTION
MIST

Clonex® Rooting Compound, our flagship product developed nearly 30 years ago, is a purple gel used to produce cuttings of all soft and semi hardwood plants. This gel acts to seal cut tissue and supply the correct level of hormones needed to promote root development. Clonex® Rooting Compound also includes vitamins to protect delicate new tissue and a custom nutrient charge to kick start root development. A billion clones and counting!

Clonex® Clone Solution is a full spectrum nutrient specifically formulated for tender clones and seedlings. Using a special blend of vitamins and minerals Clonex® Clone Solution encourages rapid root development while helping to minimize stress.

Clonex® Mist is a ready to use foliar spray for clones and mother plants. Utilizing specific levels of minerals, amino acids and kelp extracts Clonex® Mist acts to feed cuttings until roots develop, decrease root development time and promote robust root growth. Clonex® Mist – It's all about the roots.

IONIC

GROW
BLOOM
PK BOOST

Ionic® Premium Plant Nutrients are full spectrum mineral solutions formulated through a series of chemical reactions. Our unique process creates an extremely stable and simple to use single part formula that can virtually eliminate the need for pH adjustment. Available for hydroponic, soil, or hard water applications.

EUROPONIC FOSSILFUEL

HUMIC ACIDS

Europonic® FossilFuel®, created from the highest quality humic acids, provides complex interactions with any soil, soilless or hydroponic media. FossilFuel® may increase nutrient uptake and healthy soil structure resulting in lush plant growth, expansive root systems and microbial nutrition.

GreenFuse

ROOT
GROWTH
BLOOM

GreenFuse® Plant Stimulators, formulated in Holland, are plant nutrient supplements blended from 100% pure plant oils & extracts. Created specifically for each stage of plant growth, these all natural ingredients serve as biological catalysts that invigorate natural plants cycles. GreenFuse® formulas are extremely concentrated and highly soluble.

Nitrozime

MARINE ALGAE EXTRACT

Nitrozime® is an all-natural marine algae extract produced using the strictest quality control methods possible. It contains over 50 trace minerals, macro nutrients and growth hormones that have been proven effective in increasing yields and alleviating stress to provide a more healthy and vigorous plant. Nitrozime® is highly concentrated – a little goes a long way!