



2025 RETAIL CATALOG

GLOBAL GARDEN[®]

TABLE OF CONTENTS

LED LIGHTING	4-8
REFLECTORS	9
HID LIGHTING	10-11
LAMPS	12-13
LIGHT METER	14-15
CONTROLLERS	16
SENSORS & ACCESSORIES	17-19
LIGHT MOVERS & HANGERS	20-21
NUTRIENTS & ADDITIVES	22-35
PEST CONTROL & SANITATION	36-42
HARVESTING SUPPLIES	43-45
WATER PURIFICATION	46-52
GROW MEDIA	52-54
POTS & CONTAINERS	55
INDOOR GROW TENTS	56-57
WATER TESTING & METERS	58-60

Realizing the plant's full genetic expression is not just good business, it is a badge of honor that can only come when you do something you love. LOVE being contagious, Global Garden® set out to curate products that we feel help growers impactfully produce a cleaner, healthier plant, repeatedly, without sacrificing yield. We are on a global quest to source, develop, and deliver high value products and optimal solutions. ***Because the products we sell feed the plants we consume, providing the highest quality inputs means everything to us.***

The greatest validation we can have is a grower using one of our distributed brands, and seeing that increase in yield, realizing higher quality flower, or seeing an increase to their bottom line because of the reduction in a power bill due to more efficient technology. A garden can be born out of passion, or it can be born with an enterprising spirit. Either way, a LOT goes into it; time, sweat, money, but hopefully not tears. With people's livelihood in the balance, understanding these pain points can make all the difference between a successful harvest or a lost crop. Global Garden® is relentlessly focused on customer service. By doing our job right, you, the grower, can focus on growing not just beautiful plants, but your business.



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MEET OUR VENDORS



Premier Water
Testing Instruments



LINIS GROW
WATER FOR THE WAY YOU GROW

NITRILE GLOVES



REDIROOT



Dimlux Lighting	 LED and HID Grow Lights and Controllers
SpotOn	 Quantum PAR Light Meter
Philips, AUVL, Ushio, BLV	 Premium HID Grow Lamps
Horizon Lift	 Automated Light Mover with App Control
GrowMax Water	 Reverse Osmosis and Water Filtration
HM Digital	 Water Testing Instruments and Meters
Linis Grow	 In-Line Catalytic Garden Hose Filter
Nitrile Gloves	 6-Mil Powder Free Nitrile Gloves
Cultiwool	 Stone Wool Plugs, Blocks and Slabs
RediRoot	 Premium Fabric Pots and Propagation Plugs
EvoCoir	 Nitrogen Charged Coco Open Top Grow Bags
454 Bags	 Storage Bags and Tote Liners for Cannabis
HighDroGro	 Grow Tents and Grow Kits



OrganiShield	 Organic Insecticide and Miticide
Mammoth	 Premium IPM / Active Microbials
Lost Coast Plant Therapy	 Organic Pest Control and Fungicide
Green Cleaner	 Organic Pest Control and Fungicide
Root Cleaner	 Natural Root Drench Pesticide
AzaPro	 Organic Integrated Pest Management
The Amazing Doctor Zymes	 Organic Pest Control and Fungicide
Grower's Ally	 Organic Pest Control and Fungicide
Gard'nClean	 Chlorine Dioxide Sanitization
Emerald Harvest	 Premium Nutrients and Additives
Bionova Nutrients	 Premium High Concentrate Nutrients and Additives
Green House Feeding	 Premium Powdered Nutrients
Organitek	 Full Spectrum Microbial Soil Additive

GET READY FOR THE EVOLUTION OF OUR XTREME SERIES LED...THE **///**



DEEP LIGHT PENETRATION
IMPROVED OPTICS
ULTRA HIGH TRANSMITTANCE LENS

PATENTED

RGB LED
AUXILIARY LIGHT PIPE
65K COLORS

PATENTED
NEGATIVE ION + COLD PLASMA
GENERATOR

PATENTED NEGATIVE ION + COLD PLASMA GENERATOR REDUCING BACTERIA, MOLD, VIRUSES, AND OTHER AIRBORNE PATHOGENS **HIGHER EFFICACY** AND **IMPROVED OPTICS** **PATENTED** DEEP LIGHT PENETRATION ULTRA HIGH TRANSMITTANCE LENS

PATENTED NEGATIVE ION + COLD PLASMA GENERATOR

REDUCING BACTERIA, MOLD, VIRUSES,
AND OTHER AIRBORNE PATHOGENS

The extremely powerful negative ion flow is created and expelled from the ionic optics and sends out electrically charged negative ions into the air that bond with pathogens. Once a bond is made, these particles become too heavy to stay in the air. This results in the contaminants falling to the floor. It is also possible to create positive ions, which in combination with negative ions, will bond to and destroy pathogens. The ratio between negative and positive ions can be selected by the user based on the pathogen that needs to be neutralized.

Due to their very short lifespan (a few to several seconds), ions must be generated as close to the crop as possible to achieve the desired result. Due to the ionic optics that are close to the crop and each fixture covering its own micro area, the ions are at full strength when they reach the crop and are therefore extremely effective.

The ionic optics create no detectable ozone (well below OSHA standard). Fully safe for growing plants.



SPECIFICATIONS

Light Source	LED
Spectrum	Adjustable PhytoVegSpec® Indoor
AC Input Voltage	208-400V AC, 50/60Hz
Beam Angle	90° x 120°
Optics	Patented Deep Penetration Ultra High Transmittance Lens
Auxiliary Light	Patented Light Pipe Multi Color 65k
Ionizer	Patented Negative Ions & Cold Plasma
Ozone	Non-Detectable <0.05ppm
Proximity sensor	Doppler Radar
Thermal Management	Passive
Max. Ambient Temp.	95°F / 35°C
Control	By Smart Remote, Maxi Controller or Internal Controller
Smartports (3x)	For Dimlux Sensors & Interlink Cables
Spectrum & GUI Display	1.54" 65k Color IPS
Total Harmonic Distortion (THD)	< 20%
Lifetime L90 (Q90)	> 50,000h
IP Rating	IP65
Certifications	CE, UL 8800, UL 1598 Wet Location, DLC
Warranty	5 Year Standard

IMPROVED OPTICS

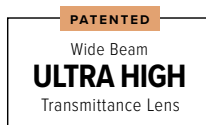
PATENTED DEEP PENETRATION
ULTRA HIGH TRANSMITTANCE LENS

The newly designed MKII optics reduce internal reflections towards the LED to an absolute minimum. This results in even higher light transmission than the original MKI optics.

GG-600065	Dimlux Xtreme Series MKII ION LED Fixture - 550w, 240V-277V
GG-600070	Dimlux Xtreme Series MKII ION LED Fixture - 550w + Far-Red (NIR), 240V-277V
GG-600075	Dimlux Xtreme Series MKII ION LED Fixture - 800w, 240V-277V
GG-600080	Dimlux Xtreme Series MKII ION LED Fixture - 800w + Far-Red (NIR), 240V-277V
GG-600085	Dimlux Xtreme Series MKII ION LED Fixture - 1050w, 240V-277V
GG-600090	Dimlux Xtreme Series MKII ION LED Fixture - 1050w + Far-Red (NIR), 240V-277V

\$ TBD
\$ TBD
\$ TBD
\$ TBD
\$ TBD
\$ TBD





DIMLUX XTREME SERIES NIR + UV-A SUPPLEMENTAL GROW LIGHT

These add on bars should be used in conjunction with the Dimlux Xtreme Series LED fixtures. The 70W add-on bar is suitable for use with the 500W fixture and the 140W add-on bar is suitable for use with the 750W and 1000W fixtures.

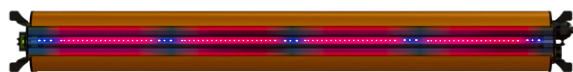
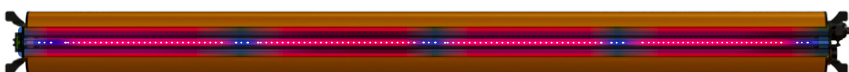
Can be used to accelerate the flower setting on Dimlux LED fixtures. The add-on bars can also help boost photosynthesis (higher DLI). Increases resistance to fungi, and other pathogens. Increases resin production which brings out flavonoids and terpenes.

PRODUCT SPECIFICATIONS

MODEL	XTREME NIR+UV-A 70W	XTREME NIR+UV-A 140W
Light Source	70W LED Dual Band	140W LED Dual Band
FAR-RED (670-760nm) Photon Flux	123 $\mu\text{mol/s}$	247 $\mu\text{mol/s}$
UV-A (370-405nm) Photon Flux	31 $\mu\text{mol/s}$	62 $\mu\text{mol/s}$
Total Photon Efficacy (350-800nm)	2.91 $\mu\text{mol/J @ 230-240V AC}$	2.95 $\mu\text{mol/J @ 230-240V AC}$
AC Input Power	72.5W @ 230V AC	156.1W @ 230V AC
AC Input Voltage	120-277V AC, 50/60Hz	120-277V AC, 50/60Hz
AC Input Current	0.65A @120V / 0.27A @277V	1.3A @120V / 0.56A @277V
Optics	Patented Deep Penetration Ultra High Transmittance Lens	
Auxiliary Light	Patented Light Pipe Multi Color 65k	
Rec. Hanging Height	4' x 4' min. 2'	5' x 5' min. 2.5'
Rec. Hanging Height	40" x 40" min. 20"	4' x 4' min. 2'
Thermal Management	Passive	
Operating Temperature	0-40°C / 32-107°F (non-condensing)	
Total Harmonic Distortion (THD)	< 10%	
Lifetime L90	> 50,000h	
IP Rating	IP50	
Certifications	CE, UL 8800, UL 1598 Wet Location	
Photobiological Safety	IEC 62471 - Risk Group 2	
CAUTION	UV Emitted from these products	
Warranty	3 Year Standard	

ADVANTAGE OF ADD-ONS

Independent control of the NIR and UV-A channels makes it possible to mix the right amount of grow/control light at any time in the grow cycle. UV-A can be gradually increased as the plant progresses through its growing phase. NIR can be added during the flowering phase, to be used as a photosynthesis booster along with red. Also, by adding NIR photons at the beginning of the night, the Phytochrome far-red can be converted more quickly to its inactive form Phytochrome red. As a result, the plant will "fall asleep" faster, which increasing photosynthesis during the day and improves metabolism during the night.



GG-600650

Dimlux Xtreme Series Far-Red (NIR) + UV-A Add-On Bar, 70w

\$249.95

GG-600655

Dimlux Xtreme Series Far-Red (NIR) + UV-A Add-On Bar, 140w

\$349.95

DIMLUX XPLORE SERIES 3.0 730W LED GROW LIGHT

Category-Leading Efficiency: Featuring a high-efficiency, high-voltage driver and upgraded LEDs, the 730W fixture achieves an impressive **3.0 $\mu\text{mol}/\text{J}$** !



The all-new Dimlux Xplore Series 730W 3.0 brings cutting-edge innovation, enhanced efficiency, and superior light distribution to growers. An investment in the Xplore 3.0 is a commitment to the best performance-to-cost ratio in the market, making it the smart choice for growers seeking maximum returns with reliable, high-quality lighting solutions.

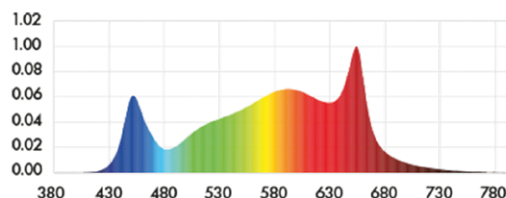
PRODUCT SPECIFICATIONS

XPLORE SERIES 3.0 MODEL	730W
Light Source	730W LED
Light Output (PPF)	2160 $\mu\text{mol}/\text{s}$
Light Output Total (PPF 350-800nm)	2197 $\mu\text{mol}/\text{s}$
PAR Photon Efficacy (400-700nm)	3.0 $\mu\text{mol}/\text{J}$
Total Photon Efficacy (350-800nm)	3.02 $\mu\text{mol}/\text{J}$
AC Input Power	730W @ 230-240V AC
AC Input Voltage	200-277V AC, 50/60Hz
LED Driver	Dimlux 730W Integrated High Voltage
Beam Angle	120°
Rec. Mounting Height	5' x 5' Min. Area, 16"
Ambient Temperature	-25°F to 105°F
Control	Dim Dial or External Controller
Total Harmonic Distortion (THD)	< 10%
Lifetime L90	> 50,000h
IP Rating	IP44
Certifications	CE, ETL
Dimensions (LxWxH)	45.83" x 41.85" x 1.5"
Weight	16.3 lbs
Warranty	5 Year Standard

IDEAL FULL SPECTRUM

The Dimlux Xplore 3.0 offers an unprecedented price / performance ratio featuring a blend of both full-spectrum white LED diodes and red LED diodes. The mix of white and red LEDs results in a relatively high ratio of bluish light. Blue light keeps your crop tight and compact in the vegetative stage and adds to optimal morphogenesis and light uptake by the plant. The red part is ideal for flower and is accountable for the high yield.

SPECTRUM DISTRIBUTION



DIMLUX INTEGRATED DIGITAL BALLAST WITH 4 DIM OPTIONS OR EXTERNAL CONTROL - The fully integrated Xplore Digital driver allows the LED fixture to be dimmed to OFF, 290W, 430W, 580W, or 730W. Alternatively, the EXT setting may be selected to enable control of the fixture with a 0-10 Volt external controller via the RJ-12 Ports, ensuring maximum light output.

THE ONLY LED GROW FIXTURE WITH ASYMMETRIC LED PLACEMENT - Thanks to the asymmetrically placed LED diodes, light distribution at the edges is improved significantly increasing equal growth, reducing over-saturation at higher light intensities giving you a higher yield! 80% MORE LIGHT TO THE EDGES! The asymmetrically placed LED diodes provide 80% more light at the edges. This sets the Dimlux Xplore apart from its competitors.

PROTECTIVE, HIGH TRANSMITTANCE OPTIC LENS WITH MAXIMUM LIGHT BENDING - The virtually unbreakable lens offers a durable, easy-to-clean alternative to fragile conformal coatings. Its unique light benders direct more light to plants, reducing loss and boosting PPFD for better crop growth.

DIMLUX PROTECTIVE LENS VS. CONFORMAL COATING - Diodes with only conformal coating are much harder to clean when dust, dirt, or residue from spraying gets stuck on. As a result, light output from LED diodes without protective lenses will degrade greatly with each grow cycle, compromising yield. The ease of cleaning the protective lens of Dimlux LEDs ensures the ability to have consistent yields every cycle. In addition, its unique light benders direct more light to plants, reducing light loss to walls/floors, and boosting PPFD for better crop growth.



DIMLUX XPLORE SERIES 25W ADD-ON BARS

Light spectrum expansions are possible with the matching UV-A and far-red add-ons made for this purpose. They come in 3 different versions UV-A, NIR or UV-A+NIR which can be used within 1 setup. Each add-on has its own unique spectrum. Each supplemental light has its specific application, the UV-A and NIR can be used together with separate timers for maximum effect. When simplicity is required the combined UV-A + NIR fixture is the best choice.

WHY UV?

UV wavelengths can change the color, flavor, and smell of a plant. These changes in color, flavor, and smell often make plants more appealing to humans, but more toxic to some insects. Plants with increased levels of these flavor/ smell compounds are less likely to get eaten by insects! Lastly, UV light helps prevent the spread and severity of fungal spores.

FAR-RED (NIR)

Can be used as photosynthesis booster in combination with red light. When used after sunset, accelerates the nighttime metabolism and the sleep rhythm. Far-red accelerates flower setting and possibly shortens the night and lengthens the day for more photosynthesis (higher DLI). In the growing and early blooming phase, plants can be grown taller. Conversely, plants can be kept very compact initially (far-red off) and when switching to the flowering phase.

PRODUCT SPECIFICATIONS

MODEL	XPLORE UV 25W	XPLORE NIR 25W	XPLORE UV+NIR 25W
Light Color	10,000K	1,000K	10,000K
Total Photon Efficacy (350-800nm)	0.86 $\mu\text{mol/J}$	1.65 $\mu\text{mol/J}$	1.93 $\mu\text{mol/J}$
Light Output Total (350-800nm)	43 $\mu\text{mol/s}$	82.5 $\mu\text{mol/s}$	96.7 $\mu\text{mol/s}$
Total Photon Efficacy (350-800nm)	2.85 $\mu\text{mol/J @ 230-240V AC}$	2.70 $\mu\text{mol/J @ 230-240V AC}$	2.70 $\mu\text{mol/J @ 230-240V AC}$
AC Input Voltage	200-277V AC, 50/60Hz	200-277V AC, 50/60Hz	200-277V AC, 50/60Hz
Rec. Hanging Height	20-30 inches	20-30 inches	20-30 inches
Rec. UV+NIR Spacing	20-30" Between Each Bar	20-30" Between Each Bar	20-30" Between Each Bar
Max. Ambient Temperature	40°C / 105°F	40°C / 105°F	40°C / 105°F
Light Scattering Angles	120°	120°	120°
Lifetime L90	> 50,000h	> 50,000h	> 50,000h
IP Rating	IP66	IP66	IP66
Certifications	CE	CE	CE
CAUTION	Emits UV	--	Emits UV
Warranty	1 Year Standard	2 Years Standard	1 Year Standard

GG-600050	Dimlux Xplore Series UV Add-On Bars - 2 x 25w	\$ TBD
GG-600055	Dimlux Xplore Series NIR Add-On Bars - 2 x 25w	\$ TBD
GG-600060	Dimlux Xplore Series UV + NIR Add-On Bars - 2 x 25w	\$ TBD



DIMLUX ULTRA OPTICS 98 ADD-ON REFLECTOR

LONG SIDE, SHORT SIDE

This reflector is available in models for the short side or long side of Dimlux lighting fixtures. Its Miro 95 hammered mirrors provide 95% reflective efficiency. By adding this reflector, users minimize wall losses in their lighting systems and create greater lighting efficiency. Growers should install both the short and long side reflectors on corner and wall lights for optimum light efficiency and cost savings. Using these reflectors can increase the PAR at the edge of the canopy by up to 30%.

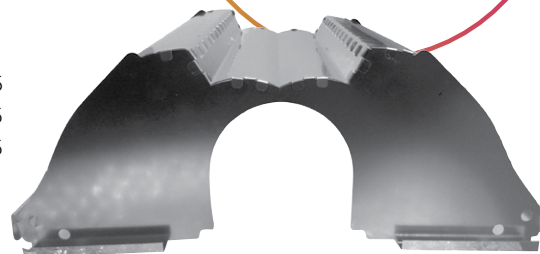
GG-600011	Dimlux Ultra Optics Add-On Reflector Long Side (2)	\$34.95
GG-600012	Dimlux Ultra Optics Add-On Reflector Short Side (2)	\$34.95

DIMLUX RECOMMENDS REPLACING YOUR REFLECTORS EVERY 2 YEARS.

ULTRA OPTICS 98 MIRO SILVER REPLACEMENT REFLECTOR

This replacement reflector is available in models designed for 315W, 630W, and 1000W Dimlux light fixtures. The ventilated reflector is made of Miro Silver Mirrors that utilizes the Single Bounce Clear Sight (SBCS) principle. These features result in industry leading 98% reflective efficiency and optimal bulb temperature — more light and less heat.

GG-600013	Dimlux Ultra Optics Replacement Reflector - 1000w	\$69.95
GG-600014	Dimlux Ultra Optics Replacement Reflector - 630w	\$64.95
GG-600015	Dimlux Ultra Optics Replacement Reflector - 315w	\$64.95



NOW EQUIPPED WITH THE NEW **DXO** 1250W LAMP*!

(California Spec)



CALIFORNIA ENERGY EFFICIENCY CODE COMPLIANT!

DIMLUX EXPERT SERIES MKII 1000W DE HPS GROW LIGHT

The Dimlux Expert Series MKII 1000w DE is equipped with the NEW Dimlux DXO 1000W / 1250W lamp (California Spec), which provides the most intense light available at 2200 / 2780 $\mu\text{mol/s}$. When paired with the included Ultra Optics 98 reflector that is 98% reflective Miro Silver, the fixture produces a whopping **PPF of 2156 $\mu\text{mol/s}$ at 1000W and PPE of 2.1 $\mu\text{mol/J}$** . This light has eight dimming levels including an overdrive feature. Compared to other HPS fixtures, it produces more PAR light with the same power consumption, leading to INCREASED YIELDS.

The Ultra Optics 98 reflector was designed on the Single Bounce Clear Sight (SBCS) principle. This means EVERY photon will only "bounce" once with the reflector before heading onto your canopy. This provides longer lamp life and a cooler operating temperature.

A 50mm socket on top of the hood allows air to passively rise above the fixture that can also be extracted with an exhaust fan. This leads to LOWER COOLING COSTS.



PRODUCT SPECIFICATIONS

Lamp	DXO California Spec 1250W 2780 $\mu\text{mol/s}$ 2.23 $\mu\text{mol/J}$ 400V DE
System Output (PPF)	2724 $\mu\text{mol/s}$ @1250W
System Output (PPF)	2156 $\mu\text{mol/s}$ @1000W
System Efficacy (PPE)	2.12 $\mu\text{mol/J}$ @1150-1250W
System Efficacy (PPE)	2.1 $\mu\text{mol/J}$ @1000W
Voltage	277V $\pm$ 10V
Input Power @100%	1035W
Input Current @100%	3.7A
Input Power @boost 1250W	1290W
Input Current @boost 1250W	4.7A
Input Frequency	50/60Hz
Power Factor	0.99
Ultra high frequency (UHF)	Yes
Controller	Maxi Controller
Dimensions	26.5" x 10.8" x 5.1" (625mm x 275mm x 130mm)
Weight	13.88lbs (6.3kg)



GG-600016	Dimlux Expert Series MKII DE HPS Fixture - 1000w, 240V	\$399.95
GG-600017	Dimlux Expert Series MKII DE HPS Fixture - 1000w, 277V	\$499.95

*DXO CA Spec Lamp is installed only in the 277V MKII. The 240V MKII is still equipped with the Philips GreenPower Xtra 1000W Lamp. (2107 $\mu\text{mol/s}$)

DIMLUX PRO SERIES 1000W DE HPS GROW LIGHT

CALIFORNIA ENERGY EFFICIENCY CODE COMPLIANT!

The Dimlux Pro Series 1000w fixture offers **2,016 $\mu\text{mol/s}$ (1.95 $\mu\text{mol/J}$) at 1000w and 2,339 $\mu\text{mol/s}$ (1.96 $\mu\text{mol/J}$) when boosted to 1150w.**

The Pro Series Light can be dimmed to 50% and boosted up to 115% while still maintaining efficiency code compliance. Manual power settings: 500, 600, 700, 800, 900, 1000, 1075 and 1150w. The Pro Series also offers a 4-character digital status display with scrolling text.

CLOSED BALLAST WITH GEO-MEMBRANE

The Dimlux Pro Series 1000w Grow Light is ideal for use indoors and in greenhouses. The Pro Fixture has a closed ballast with a geo-membrane to help protect from moisture in environments with high humidity.

The white color of the fixture also helps prevent overheating the ballast and aids in reflecting more usable light to the canopy instead of absorbing it.

VERTICAL BALLAST

The ballast is mounted vertically to decrease shadow cast on the canopy. Each fixture also comes standard with a built in level indicator. Because the illuminated surface in a greenhouse is considerably more extensive than indoor grows, leveling the Pro Series is paramount for good uniformity and preventing shadows.

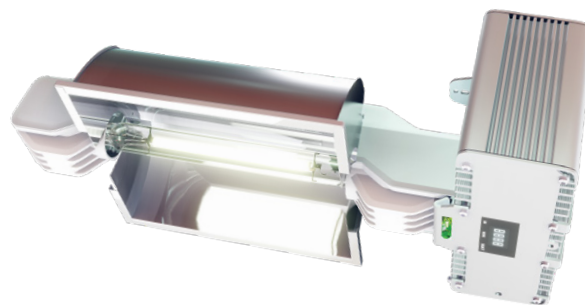
PROTECTIVE MAGNETIC LAMP HOLDER CAPS

A new Dimlux design, these magnetic caps prevent touching the lamp holder when the lamp is hot. It is both an electrical and fire safety measure. It also assures the lamp holder is properly closed when the caps are installed.

ULTRA REFLECTIVE

This greenhouse fixture is also equipped with Dimlux's passively cooled Ultra Optics Reflector to ensure optimum lamp temperature and the highest light output. The reflector has a Miro 95 (99.99 aluminum) finish. Unlike the common Miro Silver reflector on other grow lights, the Miro 95 reflector prevents deterioration in high humidity when scratched.

This reflector uses the same Single Bounce Clear Sight (SBCS) principle as other Dimlux HID fixtures. The SBCS design ensures photons strike the reflector only once, before they are bounced out and directed to your canopy. This principle also aids lamp longevity because the light is NOT directed back through the lamp's arc tube causing premature degradation.



VOLTAGE	240V	277V
Input Power @100%:	1035w	1032w
Input Current @100%:	4.5A	3.7A
Input Power @Boost:	1242w	1187w
Input Current @Boost:	5.4A	4.25A
Input Frequency:	50/60Hz	
Power Factor:	> 0.95	
System PPF @1000w:	2016$\mu\text{mol/s}$	2016$\mu\text{mol/s}$
System PPE @1000w:	1.95$\mu\text{mol/J}$	1.95$\mu\text{mol/J}$
System PPF @1150w:	2339$\mu\text{mol/s}$	2339$\mu\text{mol/s}$
System PPE @1150w:	1.96$\mu\text{mol/J}$	1.97$\mu\text{mol/J}$
Ultra High Frequency (UHF):	Yes	
Controller (by WiFi):	Maxi Controller	
Measurements:	21.2" x 9.8" x 4.5"	
Weight:	9 lbs	
Power Cord:	13' NEMA 6-15P	13' NEMA L7-15P



GG-600020	Dimlux Pro Series DE HPS Fixture - 1000w, 240V	\$299.95
GG-600021	Dimlux Pro Series DE HPS Fixture - 1000w, 277V	\$299.95

HIGH PRESSURE SODIUM LAMPS



DIMLUX
DXO



USHIO



USHIO



PHILIPS



AUVL

LAMP TYPE	HPS	HPS	HPS	HPS	HPS
WATTAGE	1000 / 1250W	1000W	1000W	1000W	1000W
OUTPUT (PPF)	2200 / 2780 μmols/s	2100 μmols/s	2000 μmols/s	2140 μmols/s	2100 μmols/s
AVG. LIFE (HRS)	10,000	10,000	10,000	10,000	10,000
BURN POSITION	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL	HORIZONTAL
LAMP VOLTAGE	230V	230V	230V	230V	230V
WARM UP TIME	5 MINS	7 MINS	7 MINS	10 MINS	5 MINS
RE-IGNITION TIME	2 MINS	2 MINS	2 MINS	5 MINS	2 MINS
BALLAST TYPE	HPS, ELECTRONIC	HPS, ELECTRONIC	HPS, ELECTRONIC	HPS, ELECTRONIC	HPS, ELECTRONIC

GG-590000	Dimlux DXO DE Super HPS Lamp (CA Spec) - 1000/1250w, 2780 μmol	\$149.95
GG-590020	Ushio HiLUX GRO Pro Plus DE HPS Lamp - 1000w, 2100 μmol	\$149.95
GG-590025	Ushio HiLUX GRO Opti-Red DE HPS Lamp - 1000w, 2000 μmol	\$139.95
GG-600201	Philips MASTER GreenPower Xtra DE Lamp - 1000w (6/Pack)	\$899.95
GG-590040	Philips MASTER GreenPower Xtra DE Lamp - 1000w (50/Pack)	\$7,497.50
GG-590030	AUVL Grow Green DE HPS Lamp - 1000w, 2100 μmol	\$99.95

CERAMIC METAL HALIDE & METAL HALIDE LAMPS



LAMP TYPE	CMH	CMH	CMH	CMH	MH	MH
WATTAGE	315W	315W	315W	315W	1000W	1000W
OUTPUT (PPF)	580 $\mu\text{mol/s}$	580 $\mu\text{mol/s}$	599 $\mu\text{mol/s}$	599 $\mu\text{mol/s}$	1800 $\mu\text{mol/s}$	1800 $\mu\text{mol/s}$
AVG. LIFE (HRS)	15,000	15,000	20,000	20,000	6,000	6,000
BURN POSITION	UNIVERSAL	UNIVERSAL	UNIVERSAL	UNIVERSAL	HORIZONTAL	HORIZONTAL
LAMP VOLTAGE	100V	100V	100V	100V	230V	230V
WARM UP TIME	2 MINS	2 MINS	2 MINS	2 MINS	3 MINS	3 MINS
RE-IGNITION TIME	10 MINS	10 MINS	10 MINS	10 MINS	10 MINS	10 MINS
BALLAST TYPE	CMH, ELECTRONIC	CMH, ELECTRONIC	CMH, ELECTRONIC	CMH, ELECTRONIC	MH, ELECTRONIC	MH, ELECTRONIC

GG-600009	Dimlux CMH Lamp - 315w, 3100K
GG-600010	Dimlux CMH Lamp - 315w, 4100K
GG-600202	Philips GreenPower CMH Lamp - 315w, 3100K
GG-600203	Philips Master Color CMH Lamp - 315w, 4200K
GG-590035	AUVL Grow Green DE Metal Halide Lamp - 1000w, 5500K
GG-600300	BLV Horturion DE Metal Halide Lamp - 1000w, 5500K

\$74.95	Closeout price.
\$74.95	While supplies last.
\$108.95	
\$108.95	
\$149.95	
\$169.95	

SPOTON QUANTUM PAR LIGHT METER

Provides accurate PAR light readings from ANY light source:

- Full sun to full shade indoors or outdoors.
- Artificial light sources (LED, High Pressure Sodium, Metal Halide, Florescent...).

Three modes of operation:

- Instant Spot Measurement mode for PAR light readings.
- Scan mode for quickly averaging PAR over an area.
- DLI mode shows Daily Light Integral on the LCD (no computer needed).

Compact and easy to use.

Water and impact resistant.

Integral mounting plate for: stand, stake, lanyard & hanger hole, and magnet mounts.

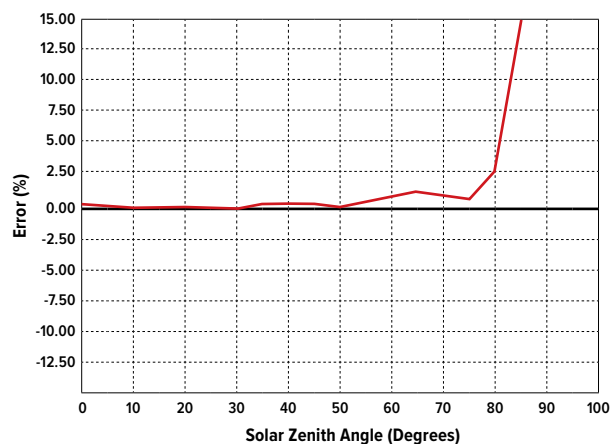
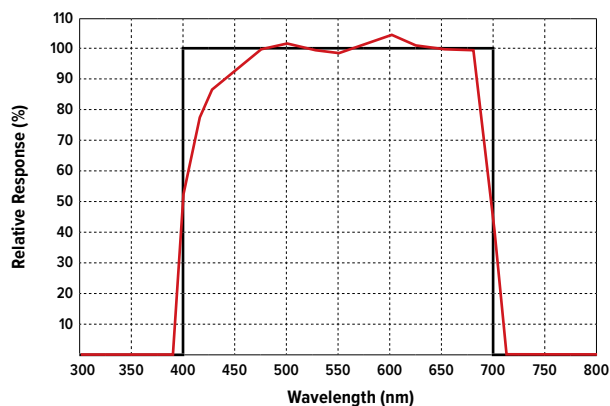
1/4"-20 threaded hole for mounting on camera tripods and stands.

Includes battery, sensor cover, and soft carrying case.



RESPONSE DATA

— Meter Response — Ideal Response



LIGHT METER SPECIFICATIONS

Range	PAR Light 0.0 to 6,500 $\mu\text{mol m}^{-2} \text{s}^{-1}$ DLI (Daily Light Integral) 0.0 to 560.0 moles $\text{m}^{-2} \text{day}^{-1}$
Display Resolution	PAR Light 0.1 $\mu\text{mol m}^{-2} \text{s}^{-1}$ from 0.0 to 99.9 1 $\mu\text{mol m}^{-2} \text{s}^{-1}$ from 100 to 6,500 DLI 0.1 moles $\text{m}^{-2} \text{day}^{-1}$
Accuracy	+/- 5% (each meter is calibrated to a NIST traceable light sensor on a broad-spectrum light source)
Azimuth Error	+/- 1% over 360°
Daily Light Integral (DLI)	Calculated continuously from light readings every 3 minutes
Water Resistant	IP-65 rated for use in rain, irrigation, and condensing environments (do not submerge)
Operating Environment	32-130°F(0-55°C) with 0-100% RH (condensation ok)
Battery	CR2032 3v coin cell lithium included (2-year battery life)
Dimensions	1.75in (4.5cm) W x 5.75in (14.6cm) L x 0.85in (1.8cm) D
Weight	0.17lb (77g)



GG-600600 SpotOn Quantum PAR Light Meter \$349.95



SPOTON 36" EXTENSION WAND



Use the SpotOn Extension Wand to reach further into plant canopies to take readings with the SpotOn® Quantum Par Light Meter. (SpotOn PAR meter sold separately)

The rugged three-piece steel extension wand can stand up to the harsh conditions of grow rooms. Threaded connections ensure the meter will not twist when fully extended. The rubber handle grip helps keep a solid grip on your meter even with wet hands.

FEATURES:

- Made of three-pieces for convenient storage and travel
- Rugged, steel wand for years of service
- Threaded connections ensure the meter will not twist when fully extended
- Rubber handle grip helps keep a solid grip on your meter - even with wet hands!

GG-600605 SpotOn Extension Wand - 36" \$59.95

DIMLUX SMART REMOTE CONTROLLER

CONTROL YOUR DIMLUX MKII OR XTREME LED REMOTELY

The Smart Remote Controller ensures that you can operate your Dimlux Xtreme LED and Dimlux MKII series remotely (from anywhere in the world). This means that your fixtures can be controlled at all times. The Smart Remote Controller is placed near the Dimlux Smart Fixtures and the computer or smartphone (remotely) communicates via the internet with the Smart Remote Controller, which controls the Dimlux Smart Fixtures.

* Will only work with the new Smart Dimlux Products



WHY USE A DIMLUX SMART REMOTE CONTROLLER:

- ▶ Smart (easy) start (enter day and night temperature)
- ▶ WiFi
- ▶ LAN
- ▶ Secure Remote Access
- ▶ 7" IPS Panel - Touchscreen
- ▶ Wall and Table Positioning
- ▶ Data Logging
- ▶ Advanced Day/Night Programming



DIMLUX MAXI CONTROLLER

The Maxi Controller is a control system that allows you to connect smart sensors and control up to 160 Dimlux Expert Series fixtures. The smart sensors allow you to monitor ambient temperature, humidity, and leaf surface temperature, which then allows the controller to give you vapor pressure deficit (VPD) values in your room. Depending on conditions, the lights will automatically adjust based on desired ambient temperature, and/or leaf surface temperature. When connected to the Aux Box or Fan Aux Box, the Maxi Controller can manage a dehumidifier, humidifier, and/or fan. Users can also program the controller to simulate sunrise and sunset or turn fixtures on and off at designated intervals or in checkerboard pattern, known as Half Force.



| GG-610000 Dimlux Maxi Controller \$399.95

DIMLUX PLANT TEMPERATURE CAMERA

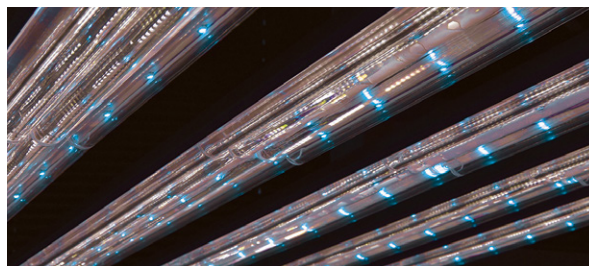
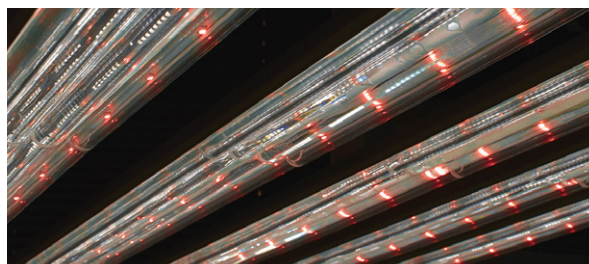
This camera sensor measures plant temperature on the leaf surface. When connected to the Dimlux Maxi Controller, it can be used to dim lights when plant temperature reaches a level that the user deems too high. When used in conjunction with the temperature sensor and the relative humidity sensor, it allows the Maxi Controller to calculate vapor pressure deficit (VPD).

The Dimlux Plant Temperature Camera has been specifically designed for monitoring plants. The majority of other temperature cameras are designed to monitor building materials, hot liquids, etc. It's the plants' transpiration that causes other cameras to not read accurately. Unlike temperature guns that are designed to measure exact small spots, this camera detects a large area that can see more of your canopy for more accurate results.



RGB INDICATOR LIGHTS

Dimlux LEDs have additional "light pipes" that contain full RGB indicator LEDs. When paired with Dimlux digital sensors, these LEDs can provide visual feedback when issues are detected.



DIMLUX DIGITAL PLANT TEMP. CAMERA

Works with the Dimlux Xtreme Series LED Grow Lights.

❶ Cold/Hot Spot Detection – With the Plant Temperature Camera plugged directly into the LED fixture, it can detect changes in the temperature of the canopy. When it detects a too-hot condition, red auxiliary LEDs turn on. If a too-cold condition is found, blue indicator LEDs will turn on.

❷ "Irrigation Monitor" – Plants cool themselves through transpiration. This effect is akin to how swamp coolers cool people's homes and businesses. When an irrigation line becomes blocked, the plants run out of water to transpire thus heating the plant's leaf surfaces and triggering the red indicator lights.



GG-610006	Dimlux Plant Temperature Camera for HID - Short (5m)	\$298.95
GG-610007	Dimlux Plant Temperature Camera for HID - Long (10m)	\$319.95
GG-610017	Dimlux Digital Plant Temperature Camera for LED - Short (5m)	\$298.95
GG-610018	Dimlux Digital Plant Temperature Camera for LED - Long (10m)	\$319.95

DIMLUX TEMPERATURE SENSOR

This sensor measures the ambient temperature of a grow environment. When used with the Maxi Controller, it provides automated control over grow lights based on temperature. Lights can be dimmed, switched to a checkerboard pattern, or turned off depending on the temperature. When used in conjunction with the relative humidity sensor and the leaf surface (IR) temperature camera, it allows the Maxi Controller to calculate vapor pressure deficit (VPD).

With this temperature sensor, the Maxi Controller can dim the lighting based on the temperature. If the set value is exceeded, dimming will first take place to keep the temperature under control. If the temperature rises despite dimming, half of the dimmed lights will be switched off, if the temperature still continues to rise all lights will be switched off for at least 20 minutes.

GG-610004	Dimlux Temperature Sensor - Short (5m)	\$49.95
GG-610005	Dimlux Temperature Sensor - Long (10m)	\$54.95
GG-610020	Dimlux Digital Temperature Sensor - Short (5m)	\$49.95
GG-610021	Dimlux Digital Temperature Sensor - Long (10m)	\$54.95



DIMLUX RELATIVE HUMIDITY SENSOR

This sensor detects ambient humidity and displays it on the Maxi Controller. When connected with the Maxi Controller and a humidifier or dehumidifier, it can help provide optimum level of relative humidity. When used in conjunction with the temperature sensor and the leaf surface (IR) temperature camera, it allows the Maxi Controller to calculate vapor pressure deficit (VPD).

The RH sensor displays the humidity on the Maxi Controller. If the RH sensor is connected, a humidifier can also be switched on with the Maxi Controller. If the VPD is to be displayed, the plant temperature camera will also be required.

GG-610002	Dimlux Relative Humidity Sensor - Short (5m)	\$49.95
GG-610003	Dimlux Relative Humidity Sensor - Long (10m)	\$54.95



DO YOU KNOW YOUR VAPOR PRESSURE DEFICIT?



Use our VPD calculator to find out.

DIMLUX CO2 SENSORS

The Dimlux CO2 sensor uses Dual Beam NDIR technology to accurately measure CO2 levels. By using a measuring sensor as well as a second sensor, this control device provides CO2 measurements that are accurate within 5ppm. When used in conjunction with a CO2 generator or CO2 regulator, it allows users to precisely control CO2 levels.

GG-610008	Dimlux CO2 Sensor for Maxi Controller w/ 5m Cable	\$598.95
GG-610009	Dimlux CO2 Sensor for Maxi Controller w/ 10m Cable	\$616.95



DIMLUX AUX BOX

The Dimlux Aux Box has two three-pronged outlets, 10A max. By connecting the Aux Box to the Maxi Controller, users can add a heater and dehumidifier or humidifier to the control system. This allows for automatic control over the grow room temperature and humidity.

GG-610010 Dimlux Auxiliary Box - 2 Outlet (2 x 110V, 10A) \$149.95



DIMLUX FAN/AUX BOX

The Dimlux Fan/Aux Box contains three outlets, 15A max, so users can connect a heat source, humidifier or dehumidifier, and fan to the Dimlux Maxi Controller. The fan controller has an individually adjustable temperature control, relative humidity day control, and relative humidity night control. SmartLogic technology insures the current temperature is equal to the set temperature.

GG-610011 Dimlux Auxiliary Box w/ Fan Speed Controller - 3 Outlet (3 x 110V, 15A) \$274.95

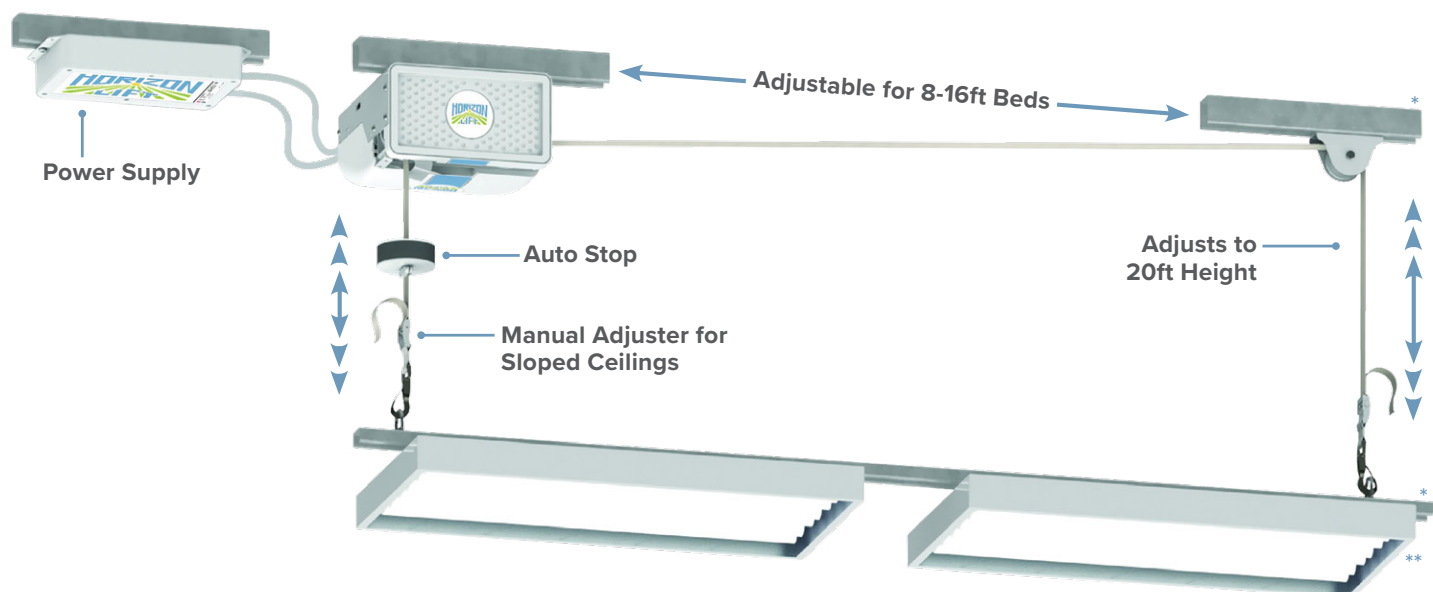


INTERLINK CABLES AND CONNECTORS

This CAT 5 Ethernet cable contains RJ45 connections. It connects Dimlux fixtures to the Dimlux Maxi Controller or to other Dimlux Fixtures. To fit a variety of grow setups, this cord is available in lengths of 2.5m and 5m.

GG-610012	Dimlux RJ45 Interlink Cable - 2.5m	\$8.95
GG-610013	Dimlux RJ45 Interlink Cable - 5m	\$12.95
GG-610014	Dimlux RJ45 Interlink Cable - 10m	\$17.95
GG-610015	Dimlux Communication Cable Splitter	\$7.50
GG-610016	Dimlux Interlink Connector Coupler	\$6.50





*Unistruts and **Light Fixtures not included.

HORIZON LIFT AUTOMATED LED AND HID LIGHT LIFT

MAXIMIZE YOUR TIME AND YIELD WITH HORIZON LIFT. With this automated light lift, you will be able to adjust your lights to any height to **MAINTAIN THE PERFECT LEAF SURFACE TEMPERATURE.** You will also **REDUCE YOUR ENERGY COSTS** by eliminating the need for high bay lighting.

IMPROVE EMPLOYEE SAFETY by keeping your workers on the ground and off the ladder. **SHRINK YOUR LABOR COSTS** by reducing the time needed for manual light adjustments. Need to change a lamp? No problem! Lower your light to within arms reach with just the touch of a button on your mobile device! You can also **QUICKLY MOVE YOUR LIGHTS** up and out of the way for harvesting and room cleaning.

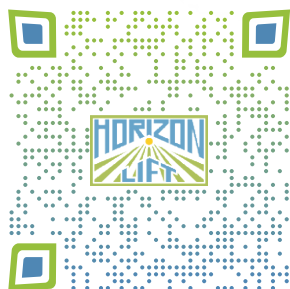
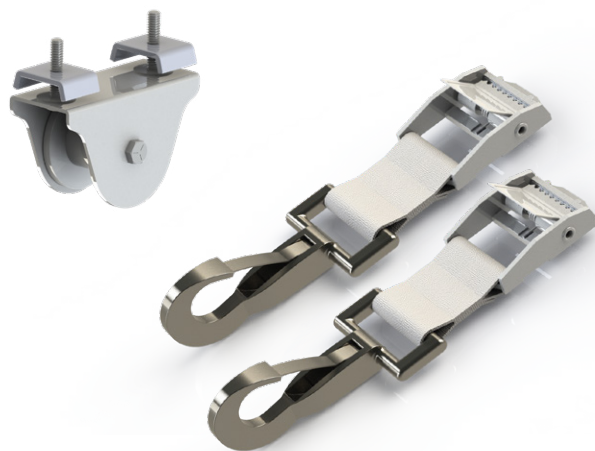
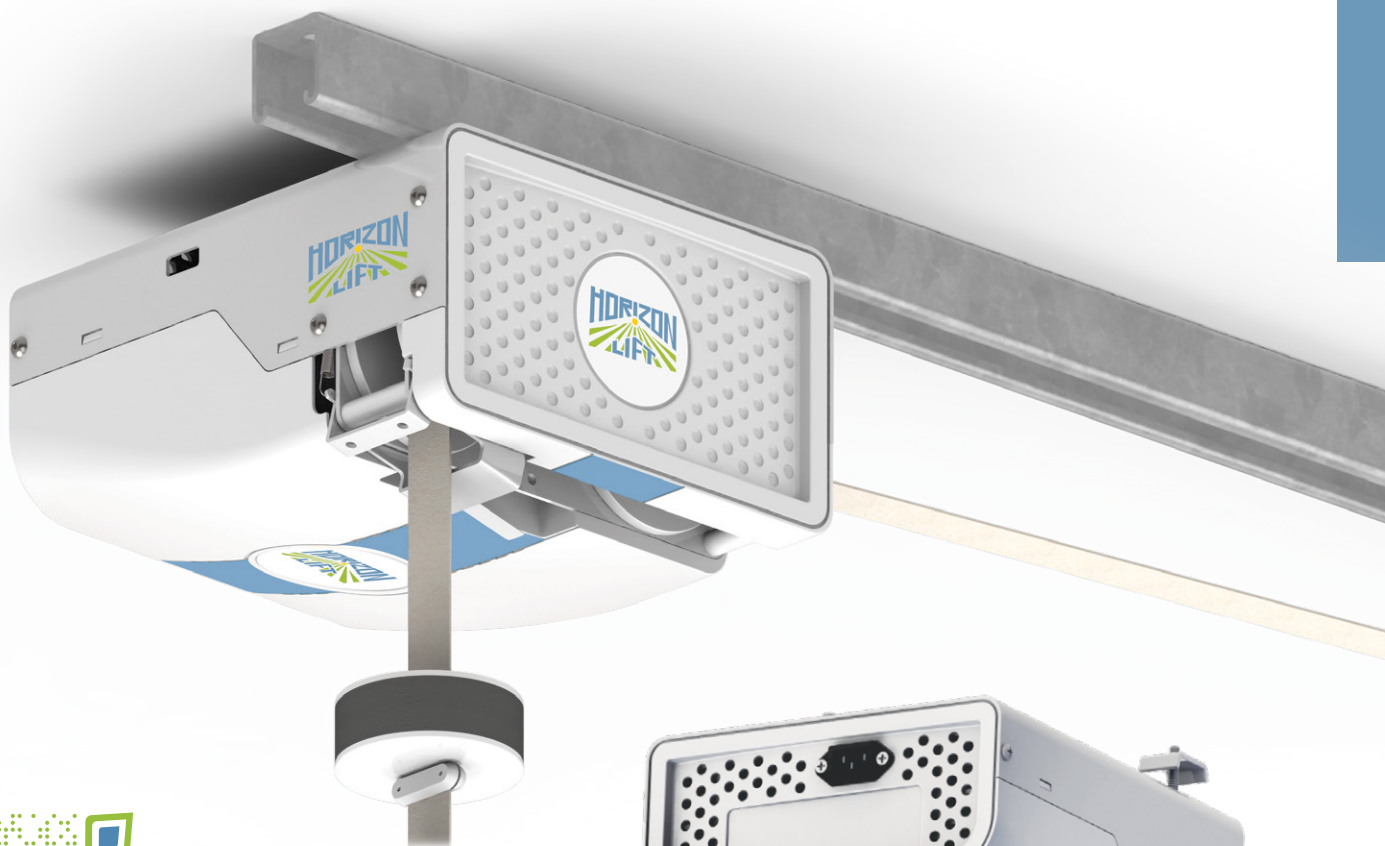
The Horizon Lift is **EASILY OPERATED WITH A MOBILE APP** (available for iOS and Android). **YOU CAN LOWER, LIFT, AND LEVEL YOUR LIGHTS IN JUST SECONDS.** With the app, you can operate up to 2000 Horizon Lift motors independently.

The Horizon Lift can be used with any steel channel strut to attach the unit to the ceiling and to hang your lights from the lift straps. Unistruts and light fixtures not included.

MAX LOAD WEIGHT: 150lbs



GG-680000	Horizon Lift Model 120 Automated Light Lift - 110V	\$795.00
GG-680001	Horizon Lift Model 120 Automated Light Lift - 240V	\$795.00
GG-680002	Horizon Lift Model 120 Automated Light Lift - 277V	\$795.00



SCAN TO SEE
THE HORIZON LIFT
IN ACTION!

- ✓ **MAINTAIN OPTIMUM PPFD FROM GROW TO HARVEST**
- ✓ **HELPS MAINTAIN PROPER LEAF SURFACE TEMPERATURE**
- ✓ **150LB LIFT RATING - UP TO 4 LIGHTS ON 20FT HANG BAR**
- ✓ **EASY OPERATION W/ PHONE OR TABLET (IOS & ANDROID)**
- ✓ **CONTROL UP TO 2000 LIFTS WITH 1 APP**
- ✓ **LIGHT HEIGHT ADJUSTMENT FROM 10 TO 20FT**
- ✓ **INCREASES EMPLOYEE SAFETY 50%**
- ✓ **REDUCES LABOR TIME 75%**



EMERALD HARVEST 2-PART BASE NUTRIENTS CALI PRO GROW A & B / CALI PRO BLOOM A & B

Reach the full genetic potential of your crops with Emerald Harvest Cali Pro Grow A & B and Cali Pro Bloom A & B, Emerald Harvest's complete 2-part base nutrient series.

Cali Pro is a nitrogen-rich fertilizer that nourishes your high-yield, indoor-grown crops with the essential elements they need to develop strong stalks and stems and support a robust harvest. Cali Pro is rich in phosphorus, potassium and other essential plant nutrients needed for vigorous fruiting and flowering. It also contains trace elements such as chelated iron, cobalt, manganese and zinc.

With Cali Pro, you spend less time measuring and tweaking your feeding program and more time tending to your high-value crops. Emerald Harvest's 2-part base nutrients are popular with growers who prefer to keep things simple. With Cali Pro, feeding your crops couldn't be easier: just mix equal portions of parts A and B according to the application rates on the bottle or the feeding chart best suited to your strain.

Recommended Dosage for Cali Pro Grow A/B:
2-5 ml per gallon during veg.

Recommended Dosage for Cali Pro Bloom A/B:
1-6 ml per gallon during flower

GG-630820	12/Cs	EH Cali Pro Grow A - Quart	\$17.00
GG-630822	4/Cs	EH Cali Pro Grow A - 1 Gal.	\$41.00
GG-630824	2/Cs	EH Cali Pro Grow A - 2.5 Gal.	\$96.00
GG-630826	1/Cs	EH Cali Pro Grow A - 6 Gal.	\$184.00
GG-630828	1/Cs	EH Cali Pro Grow A - 15 Gal.	\$321.43
GG-630830	1/Cs	EH Cali Pro Grow A - 55 Gal.	\$1,100.00
GG-630832	1/Cs	EH Cali Pro Grow A - 270 Gal.	\$5,142.86
GG-630834	12/Cs	EH Cali Pro Grow B - Quart	\$17.00
GG-630836	4/Cs	EH Cali Pro Grow B - 1 Gal.	\$41.00
GG-630838	2/Cs	EH Cali Pro Grow B - 2.5 Gal.	\$96.00
GG-630840	1/Cs	EH Cali Pro Grow B - 6 Gal.	\$184.00
GG-630842	1/Cs	EH Cali Pro Grow B - 15 Gal.	\$321.43
GG-630844	1/Cs	EH Cali Pro Grow B - 55 Gal.	\$1,100.00
GG-630846	1/Cs	EH Cali Pro Grow B - 270 Gal.	\$5,142.86
GG-630848	12/Cs	EH Cali Pro Bloom A - Quart	\$17.00
GG-630850	4/Cs	EH Cali Pro Bloom A - 1 Gal.	\$41.00
GG-630852	2/Cs	EH Cali Pro Bloom A - 2.5 Gal.	\$96.00
GG-630854	1/Cs	EH Cali Pro Bloom A - 6 Gal.	\$184.00
GG-630856	1/Cs	EH Cali Pro Bloom A - 15 Gal.	\$321.43
GG-630858	1/Cs	EH Cali Pro Bloom A - 55 Gal.	\$1,100.00
GG-630860	1/Cs	EH Cali Pro Bloom A - 270 Gal.	\$5,142.86
GG-630862	12/Cs	EH Cali Pro Bloom B - Quart	\$17.00
GG-630864	4/Cs	EH Cali Pro Bloom B - 1 Gal.	\$41.00
GG-630866	2/Cs	EH Cali Pro Bloom B - 2.5 Gal.	\$96.00
GG-630868	1/Cs	EH Cali Pro Bloom B - 6 Gal.	\$184.00
GG-630870	1/Cs	EH Cali Pro Bloom B - 15 Gal.	\$321.43
GG-630872	1/Cs	EH Cali Pro Bloom B - 55 Gal.	\$1,100.00
GG-630874	1/Cs	EH Cali Pro Bloom B - 270 Gal.	\$5,142.86



EMERALD HARVEST 3-PART BASE NUTRIENTS GROW / MICRO / BLOOM

Give your crops what they need when they need it most with Emerald Harvest Grow, Micro, Bloom 3-part base nutrient series. With Grow, Micro, Bloom, you enjoy maximum freedom to fine-tune your feeding program. Emerald Harvest's 3-part base nutrients are popular with growers who know their crops well and want to tailor application rates from feeding to feeding. If you're a pro, you know your crop's nutritional needs change depending on the specific strain, season and other growing conditions. Grow, Micro, Bloom helps you control crop nutrition.

Grow, Micro, Bloom supplies plants with precise nutrient formulations that deliver the right amounts of nitrogen, phosphorus and potassium throughout the crop life cycle. In addition to regulating the amounts of N, P and K so that your high-yield plants flourish, Grow, Micro, Bloom provides a rich mix of trace elements such as magnesium, cobalt and molybdenum as well as many chelated micronutrients such as copper, manganese, zinc and iron.

Recommended Dosage for Grow: 2-8 ml per gallon

Recommended Dosage for Micro: 2-6 ml per gallon

Recommended Dosage for Bloom: 1-11 ml per gallon

GG-630876	12/Cs	EH Grow - Quart	\$14.00
GG-630878	4/Cs	EH Grow - 1 Gal.	\$35.00
GG-630880	2/Cs	EH Grow - 2.5 Gal.	\$80.00
GG-630882	1/Cs	EH Grow - 6 Gal.	\$154.00
GG-630884	1/Cs	EH Grow - 15 Gal.	\$262.86
GG-630886	1/Cs	EH Grow - 55 Gal.	\$897.14
GG-630888	1/Cs	EH Grow - 270 Gal.	\$4,071.43
GG-630890	12/Cs	EH Micro - Quart	\$18.00
GG-630892	4/Cs	EH Micro - 1 Gal.	\$42.00
GG-630894	2/Cs	EH Micro - 2.5 Gal.	\$100.00
GG-630896	1/Cs	EH Micro - 6 Gal.	\$188.00
GG-630898	1/Cs	EH Micro - 15 Gal.	\$332.86
GG-630900	1/Cs	EH Micro - 55 Gal.	\$1,135.71
GG-630902	1/Cs	EH Micro - 270 Gal.	\$5,335.71
GG-630904	12/Cs	EH Bloom - Quart	\$14.00
GG-630906	4/Cs	EH Bloom - 1 Gal.	\$35.00
GG-630908	2/Cs	EH Bloom - 2.5 Gal.	\$80.00
GG-630910	1/Cs	EH Bloom - 6 Gal.	\$154.00
GG-630912	1/Cs	EH Bloom - 15 Gal.	\$262.86
GG-630914	1/Cs	EH Bloom - 55 Gal.	\$897.14
GG-630916	1/Cs	EH Bloom - 270 Gal.	\$4,071.43

EMERALD HARVEST KICK STARTER KITS

It can be tough to switch from one nutrient brand to another. With the Emerald Harvest Kick Starter Kits, you can try the line of premium nutrients with minimal risk to your garden or budget.

2-PART BASE - CALI PRO GROW A/B & BLOOM A/B

Cali Pro is designed for growers who want a premium base nutrient that's easy to use but guarantees professional results. Cali Pro has everything crops need to grow, flower, and thrive. This feed program is simple, hassle-free, and easy to use. Suitable for novice & expert growers alike.

3-PART BASE - GROW, MICRO, BLOOM

Emerald Harvest's 3-part program is designed for growers who want a premium base nutrient schedule that's easy to use but guarantees professional results. Grow, Micro, Bloom has everything crops need to grow, flower, and thrive. This feed program is simple, hassle-free, and easy to use. Suitable for novice & expert growers alike.



2-PART BASE KICK STARTER KIT

Included In This Pack:

- Cali Pro Grow A - 1 qt.
- Cali Pro Bloom A - 1 qt.
- Cali Pro Grow B - 1 qt.
- Cali Pro Bloom B - 1 qt.

Also includes samples of Emerald Harvest's top selling supplements: King Kola, Emerald Goddess, Honey Chome, and Root Wizard.

GG-630800	EH Kick-Start Kit - 2-Part Base, Grow A/B & Bloom A/B - Quart	\$220.00
GG-630802	EH Kick-Start Kit - 2-Part Base, Grow A/B & Bloom A/B - Quart (FL)	\$220.00
GG-630804	EH Kick-Start Kit - 2-Part Base, Grow A/B & Bloom A/B - Quart (OR)	\$220.00
GG-630806	EH Kick-Start Kit - 2-Part Base, Grow A/B & Bloom A/B - Quart (NM/PA)	\$220.00
GG-630808	EH Kick-Start Kit - 2-Part Base, Grow A/B & Bloom A/B - Quart (MN/NC/OK)	\$220.00



3-PART BASE KICK STARTER KIT

Included In This Pack:

- Grow - 1 qt.
- Micro - 1 qt.
- Bloom - 1 qt.

Also includes samples of Emerald Harvest's top selling supplements: King Kola, Emerald Goddess, Honey Chome, and Root Wizard.

GG-630810	EH Kick-Start Kit - 3-Part Base, Grow A/B & Bloom A/B - Quart	\$220.00
GG-630812	EH Kick-Start Kit - 3-Part Base, Grow A/B & Bloom A/B - Quart (FL)	\$220.00
GG-630814	EH Kick-Start Kit - 3-Part Base, Grow A/B & Bloom A/B - Quart (OR)	\$220.00
GG-630816	EH Kick-Start Kit - 3-Part Base, Grow A/B & Bloom A/B - Quart (NM/PA)	\$220.00
GG-630818	EH Kick-Start Kit - 3-Part Base, Grow A/B & Bloom A/B - Quart (MN/NC/OK)	\$220.00



EMERALD HARVEST EMERALD GODDESS

Emerald Goddess is a versatile plant tonic that supports vibrant, productive crops. Designed to be the most potent biocatalyst on the market today, Emerald Goddess is a rich natural tea containing compounds found in nature, including alfalfa and kelp extract, humic acid, vitamin B1 and other beneficial compounds. This potpourri of invigorating ingredients helps your valuable plants grow strong and bear big fruits. Emerald Goddess summons the best harvest by putting the best nutrition in your garden with an NPK of 2-1-4, without any chemicals or additives that harm the Earth.

Recommended Dosage:
5-10 ml per gallon

GG-630918	12/Cs	EH Emerald Goddess - Quart	\$44.00
GG-630920	4/Cs	EH Emerald Goddess - 1 Gal.	\$160.00
GG-630922	2/Cs	EH Emerald Goddess - 2.5 Gal.	\$380.00
GG-630924	1/Cs	EH Emerald Goddess - 6 Gal.	\$800.00
GG-630926	1/Cs	EH Emerald Goddess - 15 Gal.	\$1,314.29
GG-630928	1/Cs	EH Emerald Goddess - 55 Gal.	\$4,285.71
GG-630930	1/Cs	EH Emerald Goddess - 270 Gal.	\$18,428.57



EMERALD HARVEST CAL-MAG

Keep your plants productive and green in any growing medium with Cal-Mag, a calcium and magnesium supplement from Emerald Harvest. Emerald Harvest Cal-Mag is more than just a calcium-magnesium supplement. In contrast to competing products, EH Cal-Mag contains kelp extract, a natural source of nitrogen and other helpful compounds, making it different from standard products of its kind. Containing top-quality ingredients, Cal-Mag is designed to nourish crops with extra calcium and magnesium and create the right conditions for abundant flowering and a heavy yield by utilizing its 2-0-0 NPK.

Recommended Dosage:
2-5 ml per gallon

GG-631016	12/Cs	EH Cal-Mag - Quart	\$23.00
GG-631018	4/Cs	EH Cal-Mag - 1 Gal.	\$70.00
GG-631020	2/Cs	EH Cal-Mag - 2.5 Gal.	\$130.00
GG-631022	1/Cs	EH Cal-Mag - 6 Gal.	\$250.00
GG-631024	1/Cs	EH Cal-Mag - 15 Gal.	\$442.86
GG-631026	1/Cs	EH Cal-Mag - 55 Gal.	\$1,607.14
GG-631028	1/Cs	EH Cal-Mag - 270 Gal.	\$7,642.86



EMERALD HARVEST HONEY CHOME

Honey Chome is Emerald Harvest's gold-standard aroma and resin enricher. It is designed to increase the market value of your crops by boosting terpene and flavonoid production for better fragrance, flavor, potency and color—the qualities most desired by growers. Three sources of carbohydrates boost your yields by fueling growth and flowering and by feeding the beneficial microbial life that build up roots.

Recommended Dosage:
4-8 ml per gallon

GG-630960	12/Cs	EH Honey Chome - Quart	\$44.00
GG-630962	4/Cs	EH Honey Chome - 1 Gal.	\$160.00
GG-630964	2/Cs	EH Honey Chome - 2.5 Gal.	\$380.00
GG-630966	1/Cs	EH Honey Chome - 6 Gal.	\$800.00
GG-630968	1/Cs	EH Honey Chome - 15 Gal.	\$1,314.29
GG-630970	1/Cs	EH Honey Chome - 55 Gal.	\$4,285.71
GG-630972	1/Cs	EH Honey Chome - 270 Gal.	\$18,428.57

EMERALD HARVEST KING KOLA

King Kola is the only bloom booster you need for early, mid and late flowering. A powerful bloom booster designed to create bigger, denser blossoms, King Kola provides the essential elements your crops need to burst forth in heavy buds and flowers. It's high in phosphorus and potassium, so using King Kola helps drive budding faster, easier and better than using base nutrients alone. In addition to a boost of phosphorus and potassium, King Kola also contains yield-boosting nitrogen derived from hemp seed flour, a nutrient-rich, all-natural source of numerous essential elements and complex metabolic compounds. While other bloom boosters contain bovine or other animal-based proteins, King Kola contains a vegetable source of protein, which can aid floral development and assist chelation for better nutrient uptake.



Recommended Dosage:
4-12 ml per gal.

GG-630932	12/Cs	EH King Kola - Quart	\$44.00
GG-630934	12/Cs	EH King Kola - Quart (FL/NM/PA)	\$44.00
GG-630936	4/Cs	EH King Kola - 1 Gal.	\$160.00
GG-630938	4/Cs	EH King Kola - 1 Gal. (FL/NM/PA)	\$160.00
GG-630940	2/Cs	EH King Kola - 2.5 Gal.	\$380.00
GG-630942	2/Cs	EH King Kola - 2.5 Gal. (FL/NM/PA)	\$380.00
GG-630944	1/Cs	EH King Kola - 6 Gal.	\$800.00
GG-630946	1/Cs	EH King Kola - 6 Gal. (FL/NM/PA)	\$800.00
GG-630948	1/Cs	EH King Kola - 15 Gal.	\$1,314.29
GG-630950	1/Cs	EH King Kola - 15 Gal. (FL/NM/PA)	\$1,314.29
GG-630952	1/Cs	EH King Kola - 55 Gal.	\$4,285.71
GG-630954	1/Cs	EH King Kola - 55 Gal. (FL/NM/PA)	\$4,285.71
GG-630956	1/Cs	EH King Kola - 270 Gal.	\$18,428.57
GG-630958	1/Cs	EH King Kola - 270 Gal. (FL/NM/PA)	\$18,428.57

EMERALD HARVEST ROOT WIZARD

Get more nutes into the roots with Emerald Harvest Root Wizard, a massive root builder containing multiple strains of plant growth-promoting rhizobacteria (PGPRs) that invigorate the root zone of plants growing in hydroponic gardens. These myriad beneficial bacteria help increase root mass and enable your plants to absorb more nutrients more efficiently. Root Wizard inoculates the rhizosphere, rooting out problems where it matters most. Designed to increase the bioactivity that bulks up root mass, the plant-symbiotic microorganisms in Root Wizard help break down organic matter into bioavailable nutrients, so your plants absorb and assimilate more of what they need from plant food for growth, maintenance, and flowering.



Recommended Dosage:
15 ml per gal.

GG-630974	12/Cs	EH Root Wizard - Quart	\$96.00
GG-630976	12/Cs	EH Root Wizard - Quart (FL/MN/NC/OK)	\$96.00
GG-630978	12/Cs	EH Root Wizard - Quart (OR)	\$96.00
GG-630980	4/Cs	EH Root Wizard - 1 Gal.	\$271.00
GG-630982	4/Cs	EH Root Wizard - 1 Gal. (FL/MN/NC/OK)	\$271.00
GG-630984	4/Cs	EH Root Wizard - 1 Gal. (OR)	\$271.00
GG-630986	2/Cs	EH Root Wizard - 2.5 Gal.	\$530.00
GG-630988	2/Cs	EH Root Wizard - 2.5 Gal. (FL/MN/NC/OK)	\$530.00
GG-630990	2/Cs	EH Root Wizard - 2.5 Gal. (OR)	\$530.00
GG-630992	1/Cs	EH Root Wizard - 6 Gal.	\$950.00
GG-630994	1/Cs	EH Root Wizard - 6 Gal. (FL/MN/NC/OK)	\$950.00
GG-630996	1/Cs	EH Root Wizard - 6 Gal. (OR)	\$950.00
GG-630998	1/Cs	EH Root Wizard - 15 Gal.	\$1,642.86
GG-631000	1/Cs	EH Root Wizard - 15 Gal. (FL/MN/NC/OK)	\$1,642.86
GG-631002	1/Cs	EH Root Wizard - 15 Gal. (OR)	\$1,642.86
GG-631004	1/Cs	EH Root Wizard - 55 Gal.	\$5,971.43
GG-631006	1/Cs	EH Root Wizard - 55 Gal. (FL/MN/NC/OK)	\$5,971.43
GG-631008	1/Cs	EH Root Wizard - 55 Gal. (OR)	\$5,971.43
GG-631010	1/Cs	EH Root Wizard - 270 Gal.	\$29,085.71
GG-631012	1/Cs	EH Root Wizard - 270 Gal. (FL/MN/NC/OK)	\$29,085.71
GG-631014	1/Cs	EH Root Wizard - 270 Gal. (OR)	\$29,085.71



EMERALD HARVEST STURDY STALK

Sturdy Stalk, Emerald Harvest's premium potassium silicate supplement, is a valuable addition to your feeding program at crucial stages in the crop life cycle when fruits and flowers are putting on girth and weight. The silica deposited in plant tissues helps increase the rigidity and thickness of plant cell walls, making your crops sturdier. Sturdy crops can better withstand environmental stressors and support heavy yields. Sturdy Stalk also helps increase the potency of harvests and gives an added boost to blooms with its 0-0-1 NPK.

Recommended Dosage:
2-5 ml per gal.

GG-631030	12/Cs	EH Sturdy Stalk - Quart	\$38.50
GG-631032	4/Cs	EH Sturdy Stalk - 1 Gal.	\$122.00
GG-631034	2/Cs	EH Sturdy Stalk - 2.5 Gal.	\$240.00
GG-631036	1/Cs	EH Sturdy Stalk - 6 Gal.	\$430.00
GG-631038	1/Cs	EH Sturdy Stalk - 15 Gal.	\$757.14
GG-631040	1/Cs	EH Sturdy Stalk - 55 Gal.	\$2,750.00
GG-631042	1/Cs	EH Sturdy Stalk - 270 Gal.	\$13,214.29



Recommended Usage: Apply pH Up to raise the pH or pH Down to lower it. Ideal pH range after mixing nutrients is 5.8–6.3.

Can burn skin. Do NOT touch. Wash off immediately with vinegar if it contacts skin.

EMERALD HARVEST pH UP AND DOWN

Emerald Harvest's premium pH adjusters, pH Up and pH Down, let you fine-tune the pH of the growing medium. This enables you to regulate the pH for optimal nutrient uptake and stable conditions for beneficial microbes living in the root zone. When the pH of the nutrient solution stays in the "sweet spot" (pH 5.8–6.3), sufficient essential nutrients remain available to the plant roots for heavy yields and bountiful harvests.

GG-631044	12/Cs	EH pH Up - Quart	\$24.50
GG-631046	4/Cs	EH pH Up - 1 Gal.	\$77.00
GG-631048	2/Cs	EH pH Up - 2.5 Gal.	\$172.00
GG-631050	1/Cs	EH pH Up - 6 Gal.	\$352.00
GG-631052	1/Cs	EH pH Up - 15 Gal.	\$585.71
GG-631054	1/Cs	EH pH Up - 55 Gal.	\$2,085.71
GG-631056	1/Cs	EH pH Up - 270 Gal.	\$10,000.00

GG-631058	12/Cs	EH pH Down - Quart	\$24.50
GG-631060	4/Cs	EH pH Down - 1 Gal.	\$77.00
GG-631062	2/Cs	EH pH Down - 2.5 Gal.	\$172.00
GG-631064	1/Cs	EH pH Down - 6 Gal.	\$352.00
GG-631066	1/Cs	EH pH Down - 15 Gal.	\$585.71
GG-631068	1/Cs	EH pH Down - 55 Gal.	\$2,085.71
GG-631070	1/Cs	EH pH Down - 270 Gal.	\$10,000.00



EMERALD HARVEST HYDRA CLEAR

Remove buildup in feeding lines with Hydra Clear – Emerald Harvest's top-quality, all-natural enzymatic line cleaner. Hydra Clear removes clogs to ensure that the full investment you make in nutrients gets through the feeding system to the plant. Hydra Clear maintains better hygiene for better harvests without harming your garden, equipment or the planet.

Recommended Usage:
Apply as an 8-hour treatment between crop life cycles.

GG-631072	12/Cs	EH Hydra Clear - Quart	\$77.50
GG-631074	4/Cs	EH Hydra Clear - 1 Gal.	\$290.00
GG-631076	2/Cs	EH Hydra Clear - 2.5 Gal.	\$690.00
GG-631078	1/Cs	EH Hydra Clear - 6 Gal.	\$1,580.00
GG-631080	1/Cs	EH Hydra Clear - 15 Gal.	\$2,785.71
GG-631082	1/Cs	EH Hydra Clear - 55 Gal.	\$10,082.86
GG-631084	1/Cs	EH Hydra Clear - 270 Gal.	\$46,285.71



Indoor

Outdoor

Veg

Bloom

Irrigation

Hydro / Aero



NUTRI FORTE BASE NUTRIENTS

Bionova Nutri Forte A+B is developed specifically for the most effective absorption of the necessary elements. It is the simplest solution for cultivation in hydroponics on any artificial substrate such as stonewool. This product contains nearly zero ballast salts and will not create blockages in drip irrigation systems. Contains all food grade minerals and trace elements for rapid growth and abundant flowering. Trace elements are chelated so they can be absorbed within a larger pH-range.

Nutri Forte A must be used in combination with Nutri Forte B.

Recommended Dosage: 3-7 ml per gallon

GG-630325	12/Cs	Bionova Nutri Forte A Base Nutrient - 1L	\$14.50
GG-630326	12/Cs	Bionova Nutri Forte B Base Nutrient - 1L	\$14.50
GG-630327	2/Cs	Bionova Nutri Forte A Base Nutrient - 5L	\$49.95
GG-630328	2/Cs	Bionova Nutri Forte B Base Nutrient - 5L	\$49.95
GG-630329	1/Cs	Bionova Nutri Forte A Base Nutrient - 20L	\$159.95
GG-630330	1/Cs	Bionova Nutri Forte B Base Nutrient - 20L	\$159.95
GG-630331	1/Cs	Bionova Nutri Forte A Base Nutrient - 200L	\$1,498.00
GG-630332	1/Cs	Bionova Nutri Forte B Base Nutrient - 200L	\$1,498.00
GG-630333	1/Cs	Bionova Nutri Forte A Base Nutrient - 1000L	\$6,498.00
GG-630334	1/Cs	Bionova Nutri Forte B Base Nutrient - 1000L	\$6,498.00



Indoor

Outdoor

Veg

Bloom

Irrigation



COCO FORTE BASE NUTRIENTS

Bionova Coco Forte A+B is the simplest solution for optimal growth and flowering on any coco-fiber substrate. Due to the short buffering in coco substrates, this concentrated A+B combination is specifically formulated for the most effective absorption of necessary elements. Coco Forte A + B contains all food grade minerals and trace elements for rapid growth and abundant flowering.

Coco Forte A must be used in combination with Coco Forte B.

Recommended Dosage: 3-7 ml per gallon

GG-630310	12/Cs	Bionova Coco Forte A Base Nutrient - 1L	\$14.50
GG-630311	12/Cs	Bionova Coco Forte B Base Nutrient - 1L	\$14.50
GG-630312	2/Cs	Bionova Coco Forte A Base Nutrient - 5L	\$49.95
GG-630313	2/Cs	Bionova Coco Forte B Base Nutrient - 5L	\$49.95
GG-630314	1/Cs	Bionova Coco Forte A Base Nutrient - 20L	\$159.95
GG-630315	1/Cs	Bionova Coco Forte B Base Nutrient - 20L	\$159.95
GG-630316	1/Cs	Bionova Coco Forte A Base Nutrient - 200L	\$1,498.00
GG-630317	1/Cs	Bionova Coco Forte B Base Nutrient - 200L	\$1,498.00
GG-630318	1/Cs	Bionova Coco Forte A Base Nutrient - 1000L	\$6,498.00
GG-630319	1/Cs	Bionova Coco Forte B Base Nutrient - 1000L	\$6,498.00



Indoor

Outdoor

Veg

Bloom

Irrigation

SOIL SUPERMIX BASE NUTRIENT

Bionova's Soil Supermix is an all-in-one main fertilizer for soil substrates, specially formulated for the entire veg and bloom cycle. This perfectly balanced product contains chelated trace elements and food grade minerals. This unique mixture of ingredients ensures rapid growth and abundant flowering.

When using Soil Supermix it's recommended to also use Bionova PK 13-14 as a bloom booster during the entire flowering stage.

Recommended Dosage: 5-10 ml per gallon

GG-630340	12/Cs	Bionova	Soil Supermix Fertilizer	1L	\$24.95
GG-630341	2/Cs	Bionova	Soil Supermix Fertilizer	5L	\$79.95
GG-630342	1/Cs	Bionova	Soil Supermix Fertilizer	20L	\$279.95
GG-630343	1/Cs	Bionova	Soil Supermix Fertilizer	200L	\$2,450.00
GG-630344	1/Cs	Bionova	Soil Supermix Fertilizer	1000L	\$10,960.00



Indoor

Outdoor

Veg

Bloom

Irrigation

Foliar Spray

Hydro / Aero

PK 13-14 BLOOM BOOSTER

Bionova is the **inventor of the original composition: PK 13-14**. Bionova's PK 13-14 has a higher concentration compared to most competing products! Made from the highest quality food-grade minerals, Bionova's PK 13-14 is plant available within hours giving you optimal control of your plants. Phosphorus activates blooming inside any treated plant and potassium prompts and creates exuberant flowering. PK 13-14 should be used in conjunction with Bionova Soil Supermix.

Recommended Dosage: 0.75-2 ml per gallon

As a Foliar Spray: 1-2 ml per gallon.

GG-630050	20/Cs	Bionova	PK 13-14 Bloom Stimulator - 250ml	\$9.95
GG-630051	12/Cs	Bionova	PK 13-14 Bloom Stimulator - 1L	\$18.95
GG-630052	2/Cs	Bionova	PK 13-14 Bloom Stimulator - 5L	\$83.95
GG-630053	1/Cs	Bionova	PK 13-14 Bloom Stimulator - 20L	\$295.00
GG-630054	1/Cs	Bionova	PK 13-14 Bloom Stimulator - 200L	\$2,500.00
GG-630055	1/Cs	Bionova	PK 13-14 Bloom Stimulator - 1000L	\$10,900.00



Indoor
Outdoor
Veg
Bloom
Irrigation
Hydro / Aero

BN-ZYM SUBSTRATE ENERGIZER

Bionova BN-Zym increases bacteria activity, helping convert nutrients and minerals in your substrate into material that can be directly absorbed by the roots. BN-Zym catalyzes waste matter breakdown and delivers it back to the crop in the form of absorbable nutrients. Moreover, the medium stays clean and free of excess components. This is important for every cultivation; especially for those that re-use soil and coco substrates.

BN-Zym Stimulates water-retention in all media and decreases the soil-tension of water. It brings more oxygen into your substrate and is highly concentrated making it incredibly efficient.

Recommended Dosage: 2-4 ml per gallon

GG-630030	20/Cs	Bionova BN-Zym Enzymes and Stimulator - 250ml	\$19.95
GG-630031	12/Cs	Bionova BN-Zym Enzymes and Stimulator - 1L	\$59.95
GG-630032	2/Cs	Bionova BN-Zym Enzymes and Stimulator - 5L	\$199.95
GG-630033	1/Cs	Bionova BN-Zym Enzymes and Stimulator - 20L	\$699.95
GG-630034	1/Cs	Bionova BN-Zym Enzymes and Stimulator - 200L	\$5,995.00
GG-630035	1/Cs	Bionova BN-Zym Enzymes and Stimulator - 1000L	\$24,950.00



Indoor
Outdoor
Veg
Bloom
Irrigation
Foliar Spray
Hydro / Aero

SiLUTION MONO-SILICIC ACID

The best plant available silica in the world! Silution is a patented formula that comes from the purest source of mono-silicic acid, mixed with purified, high-grade biological ingredients. This unique formula not only further stabilizes the present silicic acid, it also stimulates the plant's natural defense mechanism. The addition of other trace elements such as boric acid and zinc, even further increases the stability and effectiveness.

Silution will strengthen the plant and stimulate growth and flowering. It helps accelerate root growth, enabling plants to take up more nutrients, which in turn allows the plant to grow better, faster and stronger, and helps the plant to resist external influences and diseases.

Recommended Dosage: 0.75 ml per gallon. As a Foliar Spray: 8 ml per gallon.

GG-630000	20/Cs	Bionova Silution Mono-Silicic Acid - 250ml	\$59.95
GG-630001	12/Cs	Bionova Silution Mono-Silicic Acid - 1L	\$199.95
GG-630002	2/Cs	Bionova Silution Mono-Silicic Acid - 5L	\$779.95
GG-630003	1/Cs	Bionova Silution Mono-Silicic Acid - 20L	\$2,795.00
GG-630014	1/Cs	Bionova Silution Mono-Silicic Acid - 200L	\$22,900.00
GG-630015	1/Cs	Bionova Silution Mono-Silicic Acid - 1000L	\$99,500.00



Indoor

Outdoor

Veg

Bloom

Irrigation

Foliar Spray

Hydro / Aero

THE MISSING LINK IMMUNITY BOOSTER

The Missing Link is an essential additive, developed to work in conjunction with Bionova X-cel. The Missing Link may aid in micronutrient uptake. The Missing Link is a highly concentrated product with a low application rate. This product can be used with all Bionova main fertilizers. Contains: 2.5% humic acid from ancient humic shale, and trace colloidal precious metals to boost immunity.

Recommended Dosage: 2-4 ml per gallon.

As a Foliar Spray: 19 ml per gallon

(use max 3 times - during veg and week 1 of bloom.)

GG-630008	20/Cs	Bionova The Missing Link Stimulator - 250ml	\$29.95
GG-630009	12/Cs	Bionova The Missing Link Stimulator - 1L	\$89.95
GG-630010	2/Cs	Bionova The Missing Link Stimulator - 5L	\$374.95
GG-630011	1/Cs	Bionova The Missing Link Stimulator - 20L	\$1,296.00
GG-630012	1/Cs	Bionova The Missing Link Stimulator - 200L	\$10,396.00



Indoor

Outdoor

Veg

Bloom

Irrigation

Foliar Spray

Hydro / Aero

X-cel VEG AND BLOOM BOOSTER

Bionova X-cel actively takes part in the growing and flowering process from the first day of planting leading to a demonstrable increase in yield (10-25%). USDA Certified – 100% ORGANIC and VEGAN blend of plant stimulants. Organic extracts stimulate plant metabolism. Promotes quick root strike helping to eliminate leaf drop. Plants grow more rapidly while simultaneously developing extensive root systems. Stimulates photosynthesis and carb development. Can be used for entirety of veg and bloom cycles.

Recommended Dosage: 2-4 ml per gallon

GG-630004	20/Cs	Bionova X-cel Bloom Stimulator - 250ml	\$18.95
GG-630005	12/Cs	Bionova X-cel Bloom Stimulator - 1L	\$49.95
GG-630006	2/Cs	Bionova X-cel Bloom Stimulator - 5L	\$199.95
GG-630007	1/Cs	Bionova X-cel Bloom Stimulator - 20L	\$749.95
GG-630016	1/Cs	Bionova X-cel Bloom Stimulator - 200L	\$5,990.00

GREEN HOUSE FEEDING MINERAL LINE



GROW

Formulated with a high level of quality nitrogen, this powdered nutrient formula provides optimum development throughout the vegetative growth-stage to obtain greener, stronger plants. The Grow formula is ideal for the production of mother plants and cuttings. Its NPK value of 24-6-12 allows for rapid development of plant tissue. Along with the major macronutrients, it also contains high-quality magnesium, sulfur, boron, iron, manganese, and molybdenum to help prevent deficiencies.

Recommended Dosage: 2.3-2.8 g per gallon

GG-630100	10/Cs	GHF Mineral Line Grow - 500g (1.1lb)	\$31.95
GG-630101	5/Cs	GHF Mineral Line Grow - 1Kg (2.2lbs)	\$49.95
GG-630102	5/Cs	GHF Mineral Line Grow - 2.5Kg (5.5lbs)	\$99.95
GG-630103	1/Cs	GHF Mineral Line Grow - 25Kg (55lbs)	\$599.95



HYBRIDS

This powdered formula contains a high level of magnesium and sulfur, while having a lower level of nitrogen for the reproductive flowering stage with NPK(Mg) values of 15-7-22-(3.6). This formula is excellent for the production of hybrid varieties with a flowering time of 8-10 weeks as well as for plants in hydroponics systems. The high levels of magnesium and sulfur encourage the production of essential oils, terpenes, and flavonoids.

Recommended Dosage: 1.5-3.2 g per gallon

GG-630104	10/Cs	GHF Mineral Line Hybrids - 500g (1.1lb)	\$31.95
GG-630105	5/Cs	GHF Mineral Line Hybrids - 1Kg (2.2lbs)	\$49.95
GG-630106	5/Cs	GHF Mineral Line Hybrids - 2.5Kg (5.5lbs)	\$99.95
GG-630107	1/Cs	GHF Mineral Line Hybrids - 25Kg (55lbs)	\$599.95



SHORT FLOWERING

This powdered nutrient blend contains high amounts of potassium to encourage the production of flowers and fruit in plants with a flowering period of eight weeks or less. With NPK values of 16-6-26, plants get enough nitrogen to produce vigorous leaves and stalks and enough potassium to form many healthy flowers and fruit.

Recommended Dosage: 1.5-3.2 g per gallon

GG-630108	10/Cs	GHF Mineral Line Short Flower - 500g (1.1lb)	\$31.95
GG-630109	5/Cs	GHF Mineral Line Short Flower - 1Kg (2.2lbs)	\$49.95
GG-630110	5/Cs	GHF Mineral Line Short Flower - 2.5Kg (5.5lbs)	\$99.95
GG-630111	1/Cs	GHF Mineral Line Short Flower - 25Kg (55lbs)	\$599.95



LONG FLOWERING

Designed for plants with a flowering time of more than ten weeks, this product contains a specially formulated ratio of nutrients. Its NPK values of 18-12-18 provide nitrogen for tissue growth, phosphorus for energy transformation and protein synthesis, and potassium for the regulation of plant functions. The ratio is specially designed to provide enough nitrogen and phosphorus throughout the plant's entire flowering stage.

Recommended Dosage: 1.5-3 g per gallon

GG-630112	10/Cs	GHF Mineral Line Long Flower - 500g (1.1lb)	\$31.95
GG-630113	5/Cs	GHF Mineral Line Long Flower - 1Kg (2.2lbs)	\$49.95
GG-630114	5/Cs	GHF Mineral Line Long Flower - 2.5Kg (5.5lbs)	\$99.95
GG-630115	1/Cs	GHF Mineral Line Long Flower - 25Kg (55lbs)	\$599.95



BOOSTER

This additive is especially formulated to provide adequate amounts of phosphorus, potassium, sulfur, magnesium, and micronutrients to increase the resin production and the formation and density of flowers. **GHF Booster PK+ contains 9% sulfur. The addition of sulfur aids in EXTREME TERPENE AND OIL PRODUCTION as well as flower density.** There is extra magnesium and trace elements in Booster to enhance the uptake of phosphorus and potassium even if the ratios are not balanced. Booster ensures that the nutrients are balanced and there is no lack of any element that might limit the uptake of other nutrients.

Recommended Dosage: 1-2 g per gallon

GG-630116	10/Cs	GHF Mineral Line Booster PK+ - 500g (1.1lb)	\$55.95
GG-630117	5/Cs	GHF Mineral Line Booster PK+ - 1Kg (2.2lbs)	\$89.95
GG-630118	5/Cs	GHF Mineral Line Booster PK+ - 2.5Kg (5.5lbs)	\$179.95
GG-630119	1/Cs	GHF Mineral Line Booster PK+ - 25Kg (55lbs)	\$1,196.00



CALCIUM

This EDTA chelated Calcium is ideal in situations where water is low in calcium. Unlike other forms of calcium (most commonly used is calcium nitrate*), this chelated form is stable, meaning it does not interact with other elements and is therefore highly available for plant uptake. Providing plants with enough calcium ensures strong cell walls and plant structure.

Recommended Dosage: 2-5 g per gallon

GG-630120	10/Cs	GHF Mineral Line Calcium - 500g (1.1lb)	\$27.95
GG-630121	5/Cs	GHF Mineral Line Calcium - 1Kg (2.2lbs)	\$44.95
GG-630122	5/Cs	GHF Mineral Line Calcium - 2.5Kg (5.5lbs)	\$89.95
GG-630123	1/Cs	GHF Mineral Line Calcium - 25Kg (55lbs)	\$599.95

**Calcium nitrate has limited compatibility with magnesium sulphate, potassium sulphate or phosphoric acid and might cause falling out of solution (results in clogging of lines and decreased nutrient availability).*

HOW MUCH GHF MINERAL LINE WILL YOU NEED?



Use the GHF Mineral Line calculator to find out.

GREEN HOUSE FEEDING BIO LINE



BIO GROW

BioGrow is an organic powder blend of nutrients sourced from all-natural materials. With NPK values of 7-2-4, as well as added calcium, magnesium, sulfur, and iron, this product is ideal for vegetative growth. BioGrow slowly releases nutrients over a period of 8 weeks. When in contact with the medium and water, the natural ingredients are broken down by the soil biology and deliver nutrients to the roots.

Recommended Dosage for Veg: 12-18 g per gallon of substrate.

Dosage for Mother Plants: 8-12 g per gallon of substrate every two months (as top dressing).

GG-630124	10/Cs	GHF Bio Line BioGrow - 500g (1.1lb)	\$55.95
GG-630125	5/Cs	GHF Bio Line BioGrow - 1Kg (2.2lbs)	\$89.95
GG-630126	5/Cs	GHF Bio Line BioGrow - 2.5Kg (5.5lbs)	\$179.95
GG-630127	1/Cs	GHF Bio Line BioGrow - 25Kg (55lbs)	\$998.00



BIO BLOOM

BioBloom is an organic blend of all natural materials designed to support plants in the flowering stage. It has NPK values of 4-9-9 and also contains calcium, magnesium, and sulfur. Its low amount of nitrogen helps plants focus their energy on flowering rather than vegetative growth. Applied in week 1 of the flower cycle, BioBloom slowly releases nutrients over a period of 8 weeks. BioBloom is amended to the soil by mixing or top/side dressing.

Recommended Dosage: 4-18 g per gallon of substrate, depending on usage.

GG-630128	10/Cs	GHF Bio Line BioBloom - 500g (1.1lb)	\$64.95
GG-630129	5/Cs	GHF Bio Line BioBloom - 1Kg (2.2lbs)	\$97.95
GG-630130	5/Cs	GHF Bio Line BioBloom - 2.5Kg (5.5lbs)	\$199.95
GG-630131	1/Cs	GHF Bio Line BioBloom - 25Kg (55lbs)	\$1,098.00



BIO ENHANCER

BioEnhancer is an organic product that provides a powerful punch of bio-stimulants including humic acids, cold water seaweed (kelp) extract, Trichoderma harzianum, and Bacillus amyloliquefaciens. These ingredients work to enhance plant growth by increasing nutrient uptake, improving resistance to pathogens, and enhancing water retention of the soil. BioEnhancer can be used as a soil drench or foliar spray as well as an aid to seed germination and rooting of cuttings.

Recommended Dosage: 2-4 g per gallon every two weeks.

Foliar Application: 3-5 g per gallon. Apply once every two weeks during veg.

GG-630132	9/Cs	GHF Bio Line BioEnhancer - 500g (1.1lb)	\$89.95
GG-630133	5/Cs	GHF Bio Line BioEnhancer - 1Kg (2.2lbs)	\$149.95
GG-630134	5/Cs	GHF Bio Line BioEnhancer - 2.5Kg (5.5lbs)	\$299.95
GG-630135	1/Cs	GHF Bio Line BioEnhancer - 25Kg (55lbs)	\$1,990.00



HOW MUCH GHF BIO LINE WILL YOU NEED?



Use the GHF Bio Line calculator to find out.

MAMMOTH P ACTIVE MICROBIALS

MAMMOTH® P, a team of beneficial plant microbes, increases phosphorus and micronutrient availability in all growth stages and pairs well with your fertilization program. MAMMOTH® P has a near-neutral pH formulation and runs clean in all systems.

GUARANTEED ANALYSIS

Soil Amending Ingredients CFU/mL

Pseudomonas putida 1 x 10⁴

Comamonas testosteroni 1 x 10⁴

Citrobacter freundii..... 1 x 10⁶

Enterobacter cloacae..... 1 x 10⁶

TOTAL 2.02 x 10⁶

ACTIVE INGREDIENTS

Bacteria culture 1%

INERT INGREDIENTS

Plant Extract 2%

Inactive / Water 97%

* Contains non-plant food ingredients

Recommended Dosage: 0.6 ml per gallon - twice per week

GG-630700	12/Cs	Mammoth P Active Microbials - 500ml	\$44.99
GG-630705	12/Cs	Mammoth P Active Microbials - 1L	\$68.39
GG-630710	4/Cs	Mammoth P Active Microbials - 1 Gal.	\$194.99
GG-630715	1/Cs	Mammoth P Active Microbials - 6 Gal.	\$779.94
GG-630720	1/Cs	Mammoth P Active Microbials - 55 Gal.	\$5,000.00
GG-630725	1/Cs	Mammoth P Active Microbials - 250 Gal.	\$15,000.00



AMPLIFY MICROBIAL INOCULANT

Our unique alliance of microbes can be added to soil, growing medium, or used as a foliar spray throughout a plant's life cycle. Amplify adds stable bacterial diversity to both your soil rhizosphere and to your plant surface. A balanced rhizosphere and healthy plant environment, in turn, is known to support N-P-K and micro nutrient utilization. The result? Bigger, better, more beautiful buds. We lock this microbial powerhouse formula into our specialty ferment for long-term shelf life providing consistent potency, quality, and performance.

THE POWER OF FULL SPECTRUM MICROBES:

- Yield: Increases yields, on average, 16%.
- Enhanced soil function.
- Support the mycorrhizal network.
- Full spectrum macro and micro nutrient cycling.
- Optimize plant expression and terpene production.
- Earth-cultured, these naturally occurring microbes are conditioned for peak rhizosphere performance.
- Stable and diverse, a specific consortia developed and tested over decades.
- Laboratory efficacy metrics ensure performance consistency.

Recommended Dosage: 1-3 ml per gallon

GG-630200	12/Cs	Organitek Amplify Microbial Blend - 2.5 oz.	\$19.00
GG-630201	8/Cs	Organitek Amplify Microbial Blend - 8 oz.	\$55.00
GG-630202	8/Cs	Organitek Amplify Microbial Blend - 32 oz.	\$155.00
GG-630203	2/Cs	Organitek Amplify Microbial Blend - 1 Gal.	\$499.00
GG-630204	1/Cs	Organitek Amplify Microbial Blend - 5 Gal.	\$1,999.00



MAMMOTH CONTROL FUNGICIDE/INSECTICIDE

Mammoth Control by Mammoth Ag is a contact and vapor-action insecticide, miticide, and fungicide formulated to safeguard plants at every stage of growth. Made from plant-derived ingredients, it leaves zero toxic residue and is exempt from EPA registration under FIFRA 25(b) as a minimum-risk pesticide.

Protect your garden from pests, mold, and mildew—all while keeping your crop completely natural. With Mammoth Control, you can protect your plants, preserve your yield, and keep your garden thriving with minimal environmental impact.

KEY BENEFITS

Three-in-One Protection – Functions as an insecticide, miticide, and fungicide to combat Powdery Mildew, Botrytis (Gray Mold), Mites, Aphids, Whiteflies, Thrips, Fungus Gnats and more.

Built-In Surfactant – Ensures excellent coverage and penetration for enhanced effectiveness.

All-Natural Ingredients – Made from thyme oil and corn oil, leaving no harmful residues on plants.

Cost-Effective Preventative – Proactively control infestations before they occur, reducing crop damage and saving on costly treatments.

WHY CHOOSE MAMMOTH CONTROL?

Extensively Tested – Validated in lab and greenhouse environments to effectively prevent and control mites and thrips.

Targeted Proprietary Formulation – Utilizes powerful compounds in thyme and corn oil for reliable pest and disease prevention.

Safe & Compatible – Use throughout the vegetative phase and as part of your ongoing IPM strategy. Safe on all plants & food crops.

Peace of Mind – Decrease the risk of losing valuable crops at a fraction of what full-blown infestations can cost.

DIRECTIONS FOR USE

Shake well before and after diluting. For best results, use a freshly mixed solution. Apply using an atomizer, misting system, or sprayer. Test on a few leaves first and observe for 48 hours. Discontinue use if burning occurs. Do not apply to newly planted cuttings or drought-stressed plants, and avoid spraying in temperatures over 90°F (32°C). No Re-entry Interval (REI)—plants can be handled immediately after spraying. Avoid application when bees are actively foraging.

Foliar Application - *Minor Outbreaks:* Mix 1 oz (30 mL) per 1 gallon of water. *Severe Outbreaks:* Mix up to 3 oz (90 mL) per 1 gallon of water. Use enough spray volume for thorough coverage. Agitate sprayer every 60 minutes to prevent separation. Saturate both tops and bottoms of leaves until runoff.

Root Drench Application - Mix 1 oz (30 mL) per 1 gallon of water and apply directly to the grow medium.

When To Apply - Treat plants once per week as needed; suitable during both vegetative and flowering stages. Spray late in the evening or on cloudy days when plants won't be exposed to direct light for at least 6 hours. Use weekly to eliminate fungal, insect, and mite pressure.



ACTIVE INGREDIENTS

Corn Oil.....55%
Thyme Oil15%

INERT INGREDIENTS

Oleic Acid.....30%

TOTAL100%

GG-670750	12/Cs	Mammoth Control Fungicide & Insecticide - 500ml	\$35.10
GG-670755	12/Cs	Mammoth Control Fungicide & Insecticide - 1L	\$66.60
GG-670760	4/Cs	Mammoth Control Fungicide & Insecticide - 1 Gal.	\$162.00
GG-670765	1/Cs	Mammoth Control Fungicide & Insecticide - 6 Gal.	\$719.66

ORGANISHIELD INSECTICIDE/MITICIDE



MOTHER NATURE'S SECRET WEAPON

OrganiShield is comprised of Sucrose Octanoate which is a sugar ester naturally produced by various plant species to protect against harmful insects. Sucrose Octanoate decomposes safely without residue, even giving off carbon dioxide which plants breathe. OrganiShield is the FIRST and ONLY organic insecticide that harnesses this secret weapon from Mother Nature!

HOW IT WORKS:

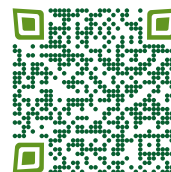
OrganiShield works by dissolving the insect cuticle and drying out the pest on contact. Due to the physical-kill mode of action, pests will never develop a tolerance.

ELIMINATES & CONTROLS:

- Two-Spotted Spider Mites
- Aphids
- Adelgids
- Cyclamen Mites
- Thrips
- Army Worms
- Broad Mites
- Whiteflies
- Gypsy Moth Caterpillars
- Tomato Russet Mites
- Mealy Bugs
- Glassy Winged Sharpshooters
- Hemp Russet Mites
- Psyllids
- Scale Bugs and more!



Scan to see
OrganiShield
in action!



Safe for Pollinators & Beneficial Insects – OrganiShield doesn't harm our valuable pollinators and beneficial bugs. In fact, there is a separate EPA Registered OrganiShield label to control the Varroa Mite that commonly plagues honey bees! (same product labeled for different use)

Contains No Oils – OrganiShield does not contain any oils. It will not stunt plant growth and pests cannot build a tolerance.

Leaves No Residue – Sucrose Octanoate rapidly biodegrades into carbohydrates, beneficial fatty acids, water, and CO₂. OrganiShield will not leave behind harmful residuals.

Safe to Spray with Lights On – OrganiShield can be applied at any time, including when your grow lights are on. You can also spray on the day of harvest with no adverse effects.

DIRECTIONS FOR USE

Standard Foliar Application - Mix 40ml OrganiShield per gallon of water and spray every 7-10 days. For heavier infestations, increase frequency to daily application until bugs are eliminated. Switch to standard application to maintain your pest-free crop.

Agitate mixture occasionally while applying. Apply thoroughly by spraying plant stalks first, followed by bottoms of leaves, and then tops of leaves until run off. Ensure product makes contact with bugs. Spray day or night; lights on or off. Apply at any point in the plant growth cycle – seed to harvest. Apply at any stage of the insect life cycle.

GG-670400	50/Cs	OrganiShield Insecticide & Miticide - 80ml	\$10.00
GG-670405	12/Cs	OrganiShield Insecticide & Miticide - Quart	\$45.00
GG-670410	8/Cs	OrganiShield Insecticide & Miticide - Pint	\$80.00
GG-670415	4/Cs	OrganiShield Insecticide & Miticide - 1 Gal.	\$280.00
GG-670420	1/Cs	OrganiShield Insecticide & Miticide - 5 Gal.	\$1,200.00
GG-670425	1/Cs	OrganiShield Insecticide & Miticide - 50 Gal.	\$10,000.00
GG-670430	1/Cs	OrganiShield Insecticide & Miticide - 225 Gal.	\$40,000.00



GREEN CLEANER 3-IN-1

Green Cleaner is a highly effective Spider mite spray to control and kill a wide range of damaging pests & diseases. Green Cleaner fits in well with all IPM programs and can be used on all crops from start to harvest. Green Cleaner is the best way to get rid of spider mites by eliminating reproductive activity. Because it delivers an immediate response to many harder-to-kill insects, Green Cleaner can be one of the most important tools in your arsenal of pest control solutions.



ELIMINATES & CONTROLS:

- Spider Mites
- Thrips
- Aphids
- Blight
- Powdery Mildew
- Earwigs
- Pill Bug
- Botrytis (Gray Mold)
- Mold
- White Flies
- Ants
- and more...
- Fungus
- Fungus Gnats
- Root-Knot Nematodes
- Broad Mites
- Russet Mites
- Leaf Rust

How It Works: Green Cleaner kills soft body insects, their larvae & eggs, powdery mildew, mold, and fungus on contact without using harmful chemicals. Green Cleaner was designed to dehydrate and suffocate when it comes into contact with a pest.

GG-670600	40/Cs	Green Cleaner 3-in-1 Concentrate - 2 oz.	\$13.95
GG-670605	15/Cs	Green Cleaner 3-in-1 Concentrate - 8 oz.	\$41.95
GG-670610	4/Cs	Green Cleaner 3-in-1 Concentrate - 32 oz.	\$125.95
GG-670615	4/Cs	Green Cleaner 3-in-1 Concentrate - 1 Gal.	\$377.95
GG-670620	2/Cs	Green Cleaner 3-in-1 Concentrate - 2.5 Gal.	\$629.95
GG-670625	1/Cs	Green Cleaner 3-in-1 Concentrate - 15 Gal.	\$3,259.95
GG-670630	1/Cs	Green Cleaner 3-in-1 Concentrate - 55 Gal.	\$8,000.00

Recommended Dosage: 1/2 - 2 oz per gallon depending on infestation type.
See Global Garden website for detailed instructions.



ROOT CLEANER SOIL DRENCH



Root Cleaner Soil Drench will stop and eliminate Thrips, Fungus Gnats, Root Aphids and minimize root rot and egg hatching by disrupting their feeding and reproduction.

Root Cleaner attacks fungus and algae and causes the pests to dehydrate and dry up. High moisture levels in soils, media and around pots enhances the development of fungus gnats and other pests. If untreated, fungus gnats will feed on the beneficial material in the soil. If a fungal food source is not available, fungus gnats may feed directly on plants and inhibit the plant from rooting. This may also damage the root zone as they feed on seedlings and potted plants.

On many healthy stemmed plants, larvae may tunnel into stems and cause plants to wilt and die. Larval feeding on roots may increase the development of root and stem rots such as Pythium. When this occurs, plants will be stunted with reduced growth. Also, pests droppings on plants may carry other diseases. Root Cleaner Soil Drench can be used on soil, coco and container gardens.

GG-670650	15/Cs	Root Cleaner Soil Drench - 8 oz.	\$27.95
GG-670655	4/Cs	Root Cleaner Soil Drench - 32 oz.	\$83.95
GG-670660	4/Cs	Root Cleaner Soil Drench - 1 Gal.	\$224.95
GG-670665	1/Cs	Root Cleaner Soil Drench - 15 Gal.	\$2,500.00
GG-670670	1/Cs	Root Cleaner Soil Drench - 55 Gal.	\$6,500.00

Recommended Dosage: 1 oz per gallon. See Global Garden website for detailed instructions.



LOST COAST PLANT THERAPY 3-IN-1

Healthy plant protection. Effectively eliminate harmful insects and powdery mildew, without polluting the environment. Control bugs on contact without using poison.

How It Works – Eliminates Pests and Diseases on Contact

- **Immediate Contact Action:** After saturation of entire plant, the spray will adhere to the target insect, egg case or larvae.
- **Suffocation and Dehydration:** Its active ingredients then cause disruption of respiration and digestion. It also penetrates to dehydrate their entire body.
- **Fungal and Mold Control:** The spray alters the pH of plant surfaces, making them inhospitable for fungi and spores to thrive, while washing away existing infestations on contact.

Recommended Dosage: 1 oz per gallon. See Global Garden website for detailed instructions.

GG-670500	16/Cs	Lost Coast Plant Therapy 3-in-1 Concentrate - 9 oz.	\$25.00
GG-670505	16/Cs	Lost Coast Plant Therapy 3-in-1 Concentrate - 12 oz.	\$40.00
GG-670510	12/Cs	Lost Coast Plant Therapy 3-in-1 Concentrate - 32 oz.	\$90.00
GG-670515	4/Cs	Lost Coast Plant Therapy 3-in-1 Concentrate - 1 Gal.	\$250.00
GG-670520	2/Cs	Lost Coast Plant Therapy 3-in-1 Concentrate - 2.5 Gal.	\$575.00



THE AMAZING DOCTOR ZYMES ELIMINATOR

The Amazing Doctor Zymes Eliminator is a revolutionary green solution that kills and eliminates soft bodied insects, molds and mildews on your indoor or outdoor gardens. Eliminator is a proprietary formula, hand crafted to ensure quality control.

How It Works: Eliminator works by disrupting the insects' ability to breathe. The acid derived from our proprietary formula breaks down protein and organic matter such as eggs and insect droppings. It is a highly effective deterrent as well. Eliminator works on mildews and molds by the citric acid digesting the biomass and changing the pH to create a hostile environment so that mildews and molds cannot take hold.

- Kills Soft Bodied Insects
- Removes Molds and Mildews
- Food Grade Ingredients
- Use up to and on Day of Harvest
- No Oils, Won't Clog Stomata
- Gluten Free
- Non GMO
- Food Grade Ingredients
- Biodegradable
- No Residue
- Bacteria Free

Recommended Dosage: 4 oz per gallon

GG-670685	12/Cs	The Amazing Doctor Zymes Eliminator Super Concentrate - 32 oz.	\$39.00
GG-670690	4/Cs	The Amazing Doctor Zymes Eliminator Super Concentrate - 1 Gal.	\$142.00
GG-670695	2/Cs	The Amazing Doctor Zymes Eliminator Super Concentrate - 2.5 Gal.	\$343.00
GG-670700	1/Cs	The Amazing Doctor Zymes Eliminator Super Concentrate - 5 Gal.	\$652.00
GG-670705	1/Cs	The Amazing Doctor Zymes Eliminator Super Concentrate - 15 Gal.	\$1,812.00
GG-670710	1/Cs	The Amazing Doctor Zymes Eliminator Super Concentrate - 30 Gal.	\$3,630.00
GG-670715	1/Cs	The Amazing Doctor Zymes Eliminator Super Concentrate - 50 Gal.	\$5,106.00





GROWER'S ALLY® CROP DEFENDER 3



Grower's Ally® Crop Defender 3 is an OMRI Listed® miticide, insecticide and fungicide for weekly use to prevent common pests. Formulated with a synergistic blend of botanical oils and a surfactant, it is a highly effective crop protection formula that can be safely applied up until the day of harvest and leaves zero pollutants.

MODE OF ACTION - The triple-action formula kills powdery mildew, spider mites, russet mites, thrips, aphids and other soft-bodied insects as well as their eggs on contact. Trusted by large scale growers for use in the flowering stage and suitable for all grow environments and cultivation facilities.

Dosage for Preventative Use: 10 ml per gallon every 7 days

Dosage for Curative Use: 40 ml per gallon every 3-5 days

100% KNOCKDOWN

Spider Mites & Eggs*
(1 week, 1 application)

99% MORTALITY

Aphids*
(1 week, 1 application)

93% CONTROL

Powdery Mildew*
(1 month, 5 applications vs. untreated)

* independent testing conducted by Collins Agricultural Consultants, Inc.

GG-670215	6/Cs	Grower's Ally Crop Defender 3 RTU - 24 oz.	\$12.95
GG-670216	8/Cs	Grower's Ally Crop Defender 3 Concentrate - 8 oz.	\$39.95
GG-670217	6/Cs	Grower's Ally Crop Defender 3 Concentrate - 32 oz.	\$109.95
GG-670218	4/Cs	Grower's Ally Crop Defender 3 Concentrate - 1 Gal.	\$359.95
GG-670219	1/Cs	Grower's Ally Crop Defender 3 Concentrate - 2.5 Gal.	\$999.95
GG-670220	1/Cs	Grower's Ally Crop Defender 3 Concentrate - 30 Gal. Drum	\$11,900.00

GROWER'S ALLY® SPIDER MITE CONTROL

Grower's Ally® Spider Mite Control is an OMRI Listed® insecticide, miticide and repellent. Formulated with an effective blend of rosemary, clove and peppermint oils, Grower's Ally® foliar spray tests clean and is proven to kill and repel common soft-bodied insects, including adult and nymph spider mites and russet mites. Trusted by large scale growers for use in the flowering stage and suitable for all grow environments and cultivation facilities: indoor, outdoor, greenhouse, hydroponic.



MODE OF ACTION - The botanical oil formulation in Grower's Ally® Spider Mite Control overstimulates and disrupts the pest's nervous system, leading to paralysis. The oils block air from the pest spiracles, preventing them from breathing and causing suffocation on contact.

Rosemary oil has strong repellent properties. Any insect not contacted by direct spray will quickly leave the treated area. When used as a preventative treatment, the rosemary oil works synergistically with the plant to ward off insects.

Dosage for Preventative Use: 10 ml per gallon every 7 days

Dosage for Curative Use: 40 ml per gallon every 3-5 days

GG-670203	6/Cs	Grower's Ally Spider Mite Control RTU - 24 oz.	\$12.95
GG-670206	8/Cs	Grower's Ally Spider Mite Control Concentrate - 8 oz.	\$39.95
GG-670204	6/Cs	Grower's Ally Spider Mite Control Concentrate - 32 oz.	\$109.95
GG-670205	4/Cs	Grower's Ally Spider Mite Control Concentrate - 1 Gal.	\$359.95
GG-670207	1/Cs	Grower's Ally Spider Mite Control Concentrate - 2.5 Gal.	\$999.95
GG-670208	1/Cs	Grower's Ally Spider Mite Control Concentrate - 30 Gal. Drum	\$11,900.00

GROWER'S ALLY® FUNGICIDE

Grower's Ally® Fungicide is an OMRI Listed® fungicide and bactericide. Formulated with food-grade citric acid, Grower's Ally® foliar spray tests clean and is proven to kill and prevent common plant pathogens, including powdery mildew. Trusted by large scale growers for use in the flowering stage and suitable for all grow environments and cultivation facilities: indoor, outdoor, greenhouse, hydroponic.

MODE OF ACTION - The citric acid formulation in Grower's Ally® Fungicide forms a protective barrier on the leaf surface that inhibits pathogen development. When used as a preventative treatment, it has anti-fungal effects to reduce bacterial growth and prevent disease on plants.

Dosage for Preventative Use: 45 ml per gallon every 7 days

Dosage for Curative Use: 45 ml per gallon every 3-5 days



GG-670200	6/Cs	Grower's Ally Fungicide RTU - 24 oz.	\$12.95
GG-670198	8/Cs	Grower's Ally Fungicide Concentrate - 8 oz.	\$12.95
GG-670201	6/Cs	Grower's Ally Fungicide Concentrate - 32 oz.	\$29.95
GG-670202	4/Cs	Grower's Ally Fungicide Concentrate - 1 Gal.	\$99.95
GG-670199	1/Cs	Grower's Ally Fungicide Concentrate - 2.5 Gal.	\$239.00
GG-670197	1/Cs	Grower's Ally Fungicide Concentrate - 30 Gal. Drum	\$2,498.00

AZAPRO

AZAPRO INSECTICIDE/NEMATACIDE

AzaPro is a broad-spectrum insecticide/nematicide utilizing a highly bioactive form of azadirachtin. AzaPro has a dual mode of action, acting primarily as an Insect Growth Regulator (IGR), and its residual formula acts as a repellent. Controlling more than 300 different insect species, AzaPro can safely be used up to the day of harvest.

Better Leaf Penetration - Insects that feed on the undersides of leaves can be difficult to control with sprays directed only over the top of the plant. AzaPro penetrates the plant by translaminar movement to provide control of these hard-to-reach pests. Repeated applications of AzaPro builds a "barrier" within the plant to prevent establishment of large pest populations.



Integrated Pest Management (IPM) and Insect Resistance Management (IRM) - IPM combines various tools and methods for pest control. AzaPro is an excellent management tool for use in IPM programs. With its unique mode of action, AzaPro can be applied in combination or rotation with currently available products, such as synthetic pyrethroid and organophosphate (OPs) insecticides, to control target insects in an Insect Resistance Management (IRM) program. AzaPro has a 0-day pre-harvest interval (PHI) and a 4-hour re-entry interval (REI).

Target Pest Species Controlled by AzaPro: aphids, thrips, leafhoppers, leafminers, beetles, mealy bugs, weevil, lepidoptera, pear psylla and more. In addition, AzaPro provides nematode suppression.

GG-670000	40/Cs	AzaPro Insecticide/Nematicide - 4 oz.	\$39.95
GG-670001	20/Cs	AzaPro Insecticide/Nematicide - 16 oz.	\$95.00
GG-670002	12/Cs	AzaPro Insecticide/Nematicide - 32 oz.	\$165.00
GG-670003	2/Cs	AzaPro Insecticide/Nematicide - 1 Gal.	\$640.00
GG-670004	2/Cs	AzaPro Insecticide/Nematicide - 2.5 Gal.	\$1,250.00

Recommended Dosage:

Preventative Use: ¼ oz / 8 ml per gallon

Medium Infestation: 1 oz / 30 ml per gallon

Heavy Infestation: 2 oz / 60 ml per gallon

GARD'nCLEAN EXTENDED RELEASE ClO₂ SPACE CLEANER



The Gard'nClean Extended Release is a next-generation, humidity activated ultra-pure chlorine dioxide (ClO₂) generator. This simple to use product improves air quality in enclosed spaces for up to 30 days. Gard'nClean Extended Releases are ideal for improving air quality and limiting cross-contamination of pollutants and VOCs (Volatile Organic Compounds).

Ideal for use in all cultivation, drying and processing areas, hallways, storage locations, delivery bays, bathrooms, common areas, kitchens and more.

GG-670104	10/Cs	Gard'nClean Extended Release ClO ₂ Space Cleaner - 1K (1000 cu ft)	\$39.95
GG-670105	10/Cs	Gard'nClean Extended Release ClO ₂ Space Cleaner - 2.5K (2500 cu ft)	\$49.95
GG-670106	10/Cs	Gard'nClean Extended Release ClO ₂ Space Cleaner - 4K (4000 cu ft)	\$59.95
GG-670107	10/Cs	Gard'nClean Extended Release ClO ₂ Space Cleaner - 10K (10,000 cu ft)	\$99.95

GARD'nCLEAN FAST RELEASE DRY GAS DEEP SANITIZER

The Gard'nClean ClO₂ Fast Release is a true dry gas fumigation for deeply sanitizing any space or environment. This includes hard to reach areas such as microscopic openings on non-sealed materials, HVAC ducting, electrical components, and much more. Due to

the very small size of the chlorine dioxide molecule, it can easily penetrate into all of these spaces to eradicate the source of VOCs (Volatile Organic Compounds) and other compounds from deep within.

Ideal for use in all cultivation, drying and processing areas, hallways, storage locations, delivery bays, bathrooms, common areas, kitchens and more.



GG-670100	10/Cs	Gard'nClean Fast Release Dry Gas Deep Sanitizer - 1K (1000 cu ft)	\$39.95
GG-670101	10/Cs	Gard'nClean Fast Release Dry Gas Deep Sanitizer - 2.5K (2500 cu ft)	\$49.95
GG-670102	10/Cs	Gard'nClean Fast Release Dry Gas Deep Sanitizer - 4K (4000 cu ft)	\$59.95
GG-670103	10/Cs	Gard'nClean Fast Release Dry Gas Deep Sanitizer - 10K (10,000 cu ft)	\$99.95

GARD'nCLEAN LIQUID MIX



GC Liquid Mix produces an OMRI listed, 99.9% ultra-pure ClO₂ at point of use, requiring only water, a sealed generation vessel, and our state of the art microreactor. ClO₂ is the world's only selective oxidizer, meaning it has a high oxidation potential, but a low oxidation strength. This unique structure is why ClO₂ is such an efficient biocide without being a dermal sensitizer or damaging costly infrastructure or contact surfaces. GC Liquid retains registrations from world regulatory agencies for the use on fruits, vegetables, meat, raw agricultural commodities, livestock, drinking water purification and many more.

(EPA Reg. # 74986 5 EPA Establishment No. 071441 OH 004)

GG-670108	10/Cs	Gard'nClean Liquid Mix Disinfectant - (makes 2 Gallons at 100ppm)	\$49.95
GG-670109	10/Cs	Gard'nClean Liquid Mix Disinfectant - (makes 12.5 Gallons at 100ppm)	\$99.95
GG-670110	8/Cs	Gard'nClean Liquid Mix Disinfectant - (makes 30 Gallons at 100ppm)	\$149.95



HOW MUCH GARD'nCLEAN DOES YOUR FACILITY NEED?

Use the Gard'nClean calculator to find out.



454 BAGS BIOPLASTIC VACUUM BAGS

454 Bags' revolutionary, patented BioPlastic blend has been 3 years in the making – AND IT'S AVAILABLE NOW!

454 BAGS' BIOPLASTIC VACUUM BAGS:

- ▶ Stronger Than Plastic - More Secure Seal Than Plastic
- ▶ 100% Oxygen Barrier
- ▶ Antimicrobial and Antibacterial – (Mold and Mildew Can't Survive in the Bag)
- ▶ USDA Bio-Preferred Status
- ▶ Landfill Compostable – (These Bags Breakdown in a Landfill Environment and Leave NO TRACE.)
- ▶ Heavy Oversight to Ensure Highest Quality
- ▶ Organic Raw Materials - Clean Manufacturing Process
- ▶ FDA Food Grade



These bags are pre-cut and come in 2 sizes – 11" x 24" and 15" x 20". The 11" x 24" bags come with or without resealable zippers. They can be used with standard or commercial vacuum sealers (please ensure your vacuum sealer is wide enough to fit the shortest edge of the bag).

Black on one side for UV protection and clear on the other side for easy viewing. 100% Oxygen barrier means that no odor can get out and no oxygen/air can get in. You can feel safe with storage, shipping and transportation. Regular plastics can't do what these bags can. 454 Bags' BioPlastic is a stronger plastic that offers a better seal and prevents mold and mildew from surviving inside the bag.

With the USDA Bio-Preferred status you can rest assured that this is the highest quality BioPlastic on the market. Pesticide and heavy metal free. After you're done with the bags just toss them in trash and know they will quickly breakdown into organic material and leave NO TRACE.

GG-690164	454 Bags BioPlastic Vacuum Bags - Black/Clear - 11" x 24" (50 Pack)	\$54.99
GG-690166	454 Bags BioPlastic Vacuum Bags - Black/Clear - 11" x 24" (250 Pack)	\$259.99
GG-690168	454 Bags BioPlastic Vacuum Bags - Black/Clear - 15" x 20" (50 Pack)	\$59.99
GG-690170	454 Bags BioPlastic Vacuum Bags - Black/Clear - 15" x 20" (250 Pack)	\$289.99
GG-690160	454 Bags BioPlastic Vacuum Bags w/ Resealable Zipper - Black/Clear - 11" x 24" (50 Pack)	\$64.99
GG-690162	454 Bags BioPlastic Vacuum Bags w/ Resealable Zipper - Black/Clear - 11" x 24" (250 Pack)	\$304.99

454 BAGS VACUUM BAGS

454 Bags' plastic gives superior odor protection and preservation with less plastic thickness. This means you use less plastic for better control. These bags also provide a stronger seal than competing bags. 454 Bags' plastic bonds together when sealed. So whether you're storing your product or shipping it out, 454 Bags gives you a seal you can trust. These vacuum bags take less energy to manufacture and are produced with a much cleaner process than other vacuum bags. These bags can be recycled curbside just like you would a water bottle.



GG-690111	454 Bags Vacuum Bag - Black/Clear, 5 Mil - 11" x 24" (50 Pack)	\$39.99
GG-690114	454 Bags Vacuum Bag - Black/Clear, 5 Mil - 11" x 24" (250 Pack)	\$184.99
GG-690101	454 Bags Vacuum Bag - Black/Clear, 5 Mil - 15" x 20" (50 Pack)	\$49.99
GG-690113	454 Bags Vacuum Bag - Black/Clear, 5 Mil - 15" x 20" (250 Pack)	\$224.99

454 BAGS TOTE & DRUM LINERS

Not All "Tote Liners" are Created Equal. Other brands just take traditional tote liner plastic, which was never designed for cultivation, and push them to the cultivation industry. 454 Bags formulated their plastic specifically for cultivation.

454 Bags' Tote Liners use a plastic formulated for better terpene, color and nose preservation. They are also thicker for better odor control and puncture resistance.

454 Bags Tote Liners come in 2 sizes:

54" x 36" – Fits totes up to 40 gallons

80" x 36" – Fits totes up to 55 gallons



454 Bags made their tote liners bigger than the competition because they know the pain of a tight fitting liner. They give you plenty of extra space so you can fill the tote and still have plenty of slack. The bags come on rolls with easy tear perforations. The boxes they come in double as a dispenser. No more struggling trying to get a single bag out! Get yours today! Made in the USA.

GG-690143	454 Bags 55 Gallon Tote/Bin Liner - 80" x 36" (Roll of 75)	\$189.99
GG-690140	454 Bags Tote Liners - 54" x 36" (Roll of 125)	\$189.99
GG-690146	454 Bags 55 Gallon Drum Liner - 36" x 58" (Roll of 100)	\$189.99

454 BAGS BIOPLASTIC DRUM LINERS

Crafted with precision, 454 Bags' BioPlastic 55 Gallon Drum Liner this fully biodegradable liner is tailored to seamlessly fit standard 55-gallon drums, the 454 Bags drum liner acts as a robust barrier, offering unparalleled protection for your valuable harvest.

This drum liner is BPA and Nylon Free, providing you with a cleaner and safer solution that won't leech harmful plastic residues onto your precious flowers. USDA Bio-Preferred certified, the 454 Bags drum liner meets the highest standards of quality and compliance. With a softer plastic construction, the BioPlastic drum liner ensures a gentle touch that won't strip your trichomes, preserving the potency and quality of your cannabis buds. It has been meticulously formulated exclusively for flower, making it the only bag specifically designed to meet the unique needs of your harvest.



GG-690175	454 Bags BioPlastic 55 Gallon Drum Liner - 36" x 58" (30 Pack)	\$94.99
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454 BAGS SPACE SAVER BAGS

454 Bags' Space Saver bags are a simple and easy way to vacuum seal large quantities of products with a regular vacuum cleaner for preservation or consolidation. You can place the flower directly into the bag or you can use it to store filled turkey bags, adding a vacuum protection. The bags expand into a cube that is 31.5" x 39" x 15" and can fit up to 25 pounds of flower. The bags have a re-sealable zipper along the top so they can be re-used over and over. 454 Bags also formulated an extra durable plastic for ultimate odor control and longevity. The bags vacuum down with a vacuum cleaner through an easy to use valve on the front.



GG-690150	454 Bags Space Saver Bags - 31.5" x 39" x 15" (2 Pack)	\$14.99
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454 BAGS MULTI-LAYER "NOT FOR TURKEY" BAGS

A MULTI-LAYER BREAKTHROUGH

The "Not for Turkey" Bag features an advanced, proprietary multi-layer construction that has been perfected through rigorous testing to ensure optimal protection.

- **Innovative Inner Layer:** Designed with a soft, slick surface to preserve the delicate trichomes and terpenes, ensuring your flower retains its full potency and quality. Unlike other storage solutions, our bag's interior prevents unwanted stripping or loss of valuable flower properties.
- **Engineered Exterior Layers:** These outer layers deliver unmatched strength and durability while providing superior odor protection and oxygen-blocking properties. No more compromises on freshness or security during storage and transport.



GG-690126 454 Bags "Not for Turkey Bags" w/ Film Layer Tech - 18" x 24" (50 Pack) \$34.50

454 BAGS OVERSIZED "NOT FOR TURKEY" BAGS

454 Bags' "Not For Turkey" Bags are made from a special plastic blend specifically formulated for flower to help maintain better terpene, color and nose preservation. They also made their bags bigger than the competition because they know the pain of trying to tie bags without enough slack. 454 Bags' Oversized "Not For Turkey" Bags come on rolls with easy tear perforations and a box that doubles as a built in dispenser. No more mess trying to get a single bag out! Made in the USA.



454 offers 2 sizes of their OVERSIZED "Not For Turkey" Bags – 33" x 40" and 22" x 26". (compared to the competition's 18" x 20" bags) Each of these bags gives you plenty of extra space so even the fluffiest pounds are easy to tie. They are thicker for better odor control and puncture resistance. The 33" x 40" bag will easily fit up to 5 lbs of flower. The 22" x 26" bag fits 1-3 lbs of flower. The 22" x 26" bag also lines a 5 gallon bucket.

GG-690118 454 Bags Oversized "Not for Turkey Bags" - Fits 5lb - 33" x 40" (Roll of 50) \$84.95
GG-690120 454 Bags Oversized "Not for Turkey Bags" - Fits 1-3lb - 22" x 26" (Roll of 300) \$149.99

BLACK NITRILE GLOVES - 6 MIL

These BLACK Nitrile Exam Gloves feature excellent softness and wearability while a generous 6 mil thickness at the fingertips protect in heavy-duty tasks. Non-sterile. Powder-free. Ambidextrous. Textured fingers for consistent grip. These gloves are made from nitrile and are safe for people with latex allergies. They are compliant with food handling requirements. Medical Exam Grade classification in accordance with ASTM testing criteria ensures the gloves perform consistently and to the highest accepted standards. Chemotherapy drug rating and fentanyl resistance are value-added features for medical, police, EMT, and tattoo markets. Meets or exceeds the following quality standards: ASTM D412, D573, D3767, D5150, D6978-05.



GG-690200 Nitrile Powder-Free Exam Gloves - 6 Mil, Black, Size: S (100/box) \$13.95
GG-690205 Nitrile Powder-Free Exam Gloves - 6 Mil, Black, Size: M (100/box) \$13.95
GG-690210 Nitrile Powder-Free Exam Gloves - 6 Mil, Black, Size: L (100/box) \$13.95
GG-690215 Nitrile Powder-Free Exam Gloves - 6 Mil, Black, Size: XL (100/box) \$13.95
GG-690220 Nitrile Powder-Free Exam Gloves - 6 Mil, Black, Size: XXL (90/box) \$13.95



GROWMAX WATER™ FILTRATION SYSTEMS

GrowMax Water™ Filtration Systems increase the effectiveness of your nutrients and fertilizers helping you grow healthier, higher-yielding plants, flowers, gardens, fruits, and vegetables.

Adding a GMW Filtration System to your garden will help strengthen plant roots and protect your soil's beneficial bacteria. Simple set up and maintenance - easy to place and connect to your garden hose spigot, and straightforward replacement of our CleanGreen™ Carbon Block and MaxPur™ sediment filters.



- 1 Filter Bracket: Weather resistant powder coated steel bracket integrates with GMW mounting stake.
- 2 GMW Filter Housings: Double O-ring seals provide water-tight filter housings. UV-safe opaque housings prevent algae and bacteria growth.
- 3 FloCheck™ Regulator: Regulates water-to-filter contact time for optimum filtration.
- 4 Water Tubing Connections: Simply connect your hoses, and you are ready to grow!
- 5 MaxPur™ Sediment Filter: Removes sediment and other solids, extending the performance and life of the CleanGreen™ filter.
- 6 GMW CleanGreen™ Carbon Block Filter: GMW green carbon block filter significantly improves the water quality that your plants use to grow.

GG-660300	GrowMax Water Filtration System Eco Grow 240 (treats 10k gal.)	\$135.00
GG-660301	GrowMax Water Filtration System Super Grow 800 (treats 15k gal.)	\$320.00
GG-660302	GrowMax Water Filtration System Pro Grow 2000 (treats 25k gal.)	\$420.00



GROWMAX WATER™ RO SYSTEMS

GrowMax Water™ Reverse Osmosis Systems increase the effectiveness of your nutrients and fertilizers helping you grow healthier, higher-yielding plants, flowers, gardens, fruits, and vegetables.

Adding a GMW Filtration System to your garden will help strengthen plant roots and protect your soil's beneficial bacteria. Easy replacement of our CleanGreen™ Carbon Block and MaxPur™ sediment filters.



- 1 Filter Bracket: Weather resistant powder coated steel bracket integrates with GMW mounting stake.
- 2 GMW Filter Housings: Double O-ring seals provide water-tight filter housings. UV-safe opaque housings prevent algae and bacteria growth.
- 3 FloCheck™ Regulator: Regulates water-to-filter contact time for optimum filtration.
- 4 Quick Connect Fittings: Includes indoor and outdoor inlet feed water connections.
- 5 MaxPur™ Sediment Filter: Removes sediment and other solids, extending the performance and life of the CleanGreen™ filter.
- 6 GMW CleanGreen™ Carbon Block Filter: GMW green carbon block filter significantly improves the water quality that your plants use to grow.
- 7 GrowMax Water Membrane: High flow 150 GPD membrane eliminates up to 95% of salts and heavy metals.
- 8 Pressure Gauge: Assures minimum (40 PSI) and optimum working pressure (60+ PSI).
- 9 GMW DI Filter: Last stage deionization works to eliminate remaining EC / TDS. (EC Eliminator Only.)

GG-660306	GrowMax Water RO System Power Grow 500 (150 GPD)	\$279.00
GG-660307	GrowMax Water RO + DI System EC Eliminator (150 GPD)	\$329.00
GG-660308	GrowMax Water RO System Mega Grow 1000 (300 GPD)	\$399.00

GROWMAX WATER™ REPLACEMENT FILTERS



GG-660311



GG-660312



GG-660313



GG-660314



GG-660316



GG-660315*

GrowMax Water™ Carbon Block and Sediment Replacement Filters remove up to 99% of chlorine and VOCs (volatile organic compounds), and sediment down to 5 microns.

Item #'s GG-660311, GG-660313, GG-660316 include:

- 1 (one) CleanGreen Carbon Block filter
- 1 (one) MaxPur Sediment Filter; 5 microns

Item # GG-660312 includes:

- 2 (two) CleanGreen Carbon Block filters
- 1 (one) MaxPur Sediment Filter; 5 microns

GrowMax Water™ Replacement Deionization Filters are for use as a POST FILTER after the RO, to achieve 000 ppm / 0.0 EC Water. Each DI cartridge is good for removal up to 15,000 ppm.

Item # GG-660314 includes:

- 2 (two) Ultrapure Deionization cartridges

The GrowMax Water™ High Flow Membrane removes or reduces up to 95% of all mineral salts and heavy metals from tap water and produces up to 20 L/h (up to 500 L/d) of pure water.

Item # GG-660315 includes:

- 1 (one) 150 GPD High Flow Membrane

**also compatible with Hydrologic Stealth RO150 and Stealth RO300*



GG-660330

DON'T FORGET!

Filter Housing Wrench allows for easy removal of filter housings when replacing filter cartridges.

GG-660311	GrowMax Water Replacement Filter Pack - 10" (for Mega Grow 1000 / Eco Grow 240 / Power Grow 500 / EC Eliminator)	\$22.90
GG-660312	GrowMax Water Replacement Filter Pack (for Mega Grow 1000)	\$32.90
GG-660313	GrowMax Water Replacement Filter Pack (for Super Grow 800)	\$72.25
GG-660314	GrowMax Water Replacement DI Filter Pack (for EC Eliminator)	\$88.90
GG-660315	GrowMax Water High Flow Membrane (150 GDP)	\$89.90
GG-660316	GrowMax Water Replacement Filter Pack (for Pro Grow 2000)	\$142.25
GG-660330	GrowMax Water Filter Housing Wrench (for Eco Grow 240 and all RO's)	\$4.95

GROWMAX WATER™ RO BOOSTER PUMP KITS

The GrowMax Water™ RO Booster Pump Kits boost outlet pressure to 60+psi improving production and RO water quality. Recommended for use when inlet pressure is below 40psi. Each kit includes booster pump, transformer, shut off switch, and tubing.

Item #GG-660321 recommended for use with Power Grow 500 and EC Eliminator.

Item #GG-660322 recommended for use with Mega Grow 1000.



GG-660321	GrowMax Water RO Booster Pump Kit	\$109.00
GG-660322	GrowMax Water RO Booster Pump Kit - High Flow	\$139.00

GROWMAX WATER™ DEIONIZATION KIT

The GrowMax Water™ Deionization Kit is designed as a post filter to install after any RO unit, when you want to obtain ultrapure 000ppm / 0.0 EC Water. Kit comes complete with filter housing, DI cartridge, mounting bracket, quick connect fittings, ball valve shut off and tubing



GG-660317	GrowMax Water Deionization Kit - 10"	\$79.90
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GROWMAX WATER™ VALVES, ADAPTERS, CONNECTORS, & TUBING



GG-660323



GG-660324



GG-660325



GG-660326



GG-660327, GG-660328, GG-660329

Float Valve Kit - Prevent overflow of any tank or reservoir. Shuts off RO unit production when full. Connect to 1/4" product water tubing on all RO units. (#GG-660323)

Inline Ball Valve/Shut Off - 1/4" to 1/4" straight inline ball valve with quick connect fittings. Use for water shut off on Eco Grow 240 and all RO units. (#GG-660324)

Indoor Feed Water Adapter - Connect to 1/2" inlet water pipes or 3/8" (with reducer). Good for use with GrowMax Water™ Garden RO systems, using 3/8" inlet tubing. (#GG-660325)

Garden Spigot Quick Connect - Easy connection to any garden hose spigot. Good for use with GrowMax Water™ Garden RO systems, using 3/8" inlet tubing. (#GG-660326)

PE Tubing - 1/4" Blue tubing used for product water line. 1/4" Black tubing used for drain water line. 3/8" White tubing used for inlet/feed water line. Recommended for use with Power Grow 500, Mega Grow 1000, and EC Eliminator. (#GG-660327, 28, 29)

GG-660323	GrowMax Water Float Valve Kit - 1/4" Tube	\$18.90
GG-660324	GrowMax Water Inline Ball Valve/Shut Off - 1/4" (for Eco Grow 240 and all RO's)	\$6.95
GG-660325	GrowMax Water Indoor Feed Water Adapter - 1/2" NPT, 3/8" Tube (for all RO's)	\$9.95
GG-660326	GrowMax Water Garden Spigot Quick Connect - 3/4" GHT, 3/8" Tube (for all RO's)	\$6.95
GG-660327	GrowMax Water PE Tubing - Blue, 1/4", 30 ft. (for product water)	\$9.75
GG-660328	GrowMax Water PE Tubing - Black, 1/4", 30 ft. (for drain water)	\$9.75
GG-660329	GrowMax Water PE Tubing - White, 3/8", 30 ft. (for inlet/feed water)	\$11.75

GROWMAX WATER™ by GLOBAL GARDEN

REPLACEMENT FILTERS COMPATIBLE with HydroLogic SYSTEMS

Sourced from the same manufacturers as HydroLogic filters, our filters meet the exact same high-quality standards, capabilities, and efficacy metrics as OEM replacement filters. GrowMax Water by Global Garden Replacement Filters offer a reliable and cost-effective alternative to more expensive, brand name replacement filters.

SINGLE REPLACEMENT FILTERS



THIN FILM RO MEMBRANES

Removes up to 95%+ of total dissolved solids (TDS).

Permeate Flow Rates:

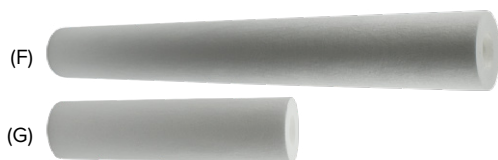
(A) - up to 300+ GPD
Based on feed water
@ 65 psi / 77° / 500 ppm.

(B) - up to 150+ GPD
Based on feed water
@ 60 psi / 77° / 500 ppm.



GREEN COCONUT CARBON BLOCK FILTERS

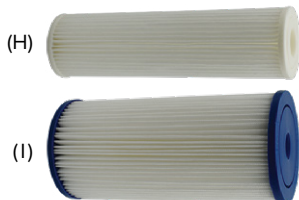
In water filtration, coconut carbon is preferred over other forms of carbon due to its greater surface area and higher porosity – meaning it has superior absorption capabilities. Our Green Coconut Carbon Block filter removes 99% of impurities and VOCs (volatile organic compounds) including chlorine, rust, sediment, and silt. Filtration down to 10 microns. Offers high dirt load capacity while maintaining flow efficiency (with proper use). Does not release carbon fines. **Flow Rate: 1-2 GPM.**



POLY SPUN SEDIMENT FILTERS

Reduces impurities including silt, rust, sand, sediment, and oils. Suitable for use with city and well water. Filtration down to 5 microns. Filter Media: Polypropylene.

Flow Rate: (F) up to 14-20 GPM / (G) up to 7-10 GPM.



PLEATED SEDIMENT FILTERS

Reduces impurities including silt, rust, dirt, sand, and sediment. Filter Material Make-Up: Core - Polyester-Plus, Outer Media - Polyester/Polyester-Plus Cellulose, End Caps - Poly Urethane/Plastisol (pliable PVC).



KDF85/CATALYTIC CARBON FILTERS

Say goodbye to chloramines, iron, hydrogen sulfide, and heavy metals with the KDF85 filter. KDF85 media sets the standard for advanced water purification and serves as an excellent pre-treatment for reverse osmosis filtration. By eliminating harmful substances, our KDF85/Catalytic Carbon Filters help create an optimal environment for beneficial microorganisms, allowing them to thrive. Healthier plants, bigger harvests, and superior quality! Provides up to 99% reduction of chlorine, sulfur, rust, silt, iron, and other heavy metals. Excellent for use with well water.

REPLACEMENT FILTER KITS



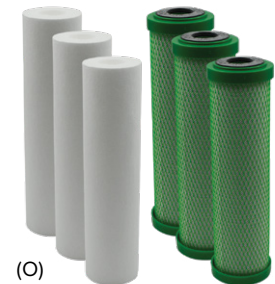
Compatible with
HydroLogic
Stealth-RO150



Compatible with
HydroLogic
Stealth-RO300



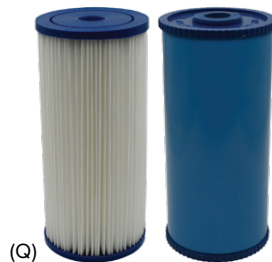
Compatible with
HydroLogic
smallBoy



Compatible with
HydroLogic
smallBoy



Compatible with
HydroLogic
TALLBoy



Compatible with
HydroLogic
Pre-Evolution



Compatible with
HydroLogic
Evolution-RO

SINGLE REPLACEMENT FILTERS

(A) - GG-660470	17" RO Membrane - Compatible with HydroLogic Evolution-RO	\$232.33
(B) - GG-660315	12" High Flow Membrane (150 GDP) - Compatible with HydroLogic Stealth RO	\$89.90
(C) - GG-660445	20" Green Coconut Carbon Block Filter - Compatible with HydroLogic TALLBoy	\$27.70
(D) - GG-660475	17" Green Coconut Carbon Block Filter - Compatible with HydroLogic Evolution-RO	\$30.84
(E) - GG-660405	10" Green Coconut Carbon Block Filter - Compatible with HydroLogic Stealth-RO and smallBoy	\$14.73
(F) - GG-660440	20" Poly Spun Sediment Filter - Compatible with HydroLogic TALLBoy	\$11.78
(G) - GG-660425	10" Poly Spun Sediment Filter - Compatible with HydroLogic smallBoy	\$9.43
(H) - GG-660400	10" Pleated Sediment Filter - Compatible with HydroLogic Stealth-RO	\$12.40
(I) - GG-660455	10" x 4.5" Pleated Sediment Filter - Compatible with HydroLogic Pre-Evolution	\$29.88
(J) - GG-660420	10" KDF85/Catalytic Carbon Filter - Compatible with HydroLogic Stealth-RO and smallBoy	\$33.83
(K) - GG-660460	10" x 4.5" KDF85/Catalytic Carbon Filter - Compatible with HydroLogic Pre-Evolution	\$96.76

REPLACEMENT FILTER KITS

(L) - GG-660410	Replacement Filter Kit - Compatible with HydroLogic Stealth-RO150	\$105.33
(M) - GG-660415	Replacement Filter Kit - Compatible with HydroLogic Stealth-RO300	\$186.24
(N) - GG-660430	Replacement Filter Kit w/ Green Coconut Carbon - Compatible with HydroLogic smallBoy	\$65.23
(O) - GG-660435	Replacement Filter Kit w/ KDF85/Catalytic Carbon - Compatible with HydroLogic smallBoy	\$116.78
(P) - GG-660450	Replacement Filter Kit - Compatible with HydroLogic TALLBoy	\$71.06
(Q) - GG-660465	Replacement Filter Kit - Compatible with HydroLogic Pre-Evolution	\$102.37
(R) - GG-660480	Replacement Filter Kit - Compatible with HydroLogic Evolution-RO	\$421.80

GARD'nCLEAN TEST STRIPS

The Gard'nClean Chlorine Dioxide Testing Strips are a convenient way to test for chlorine dioxide levels in sanitized water. Use the Low Range to test for concentrations between 0 and 10 ppm. Use the Wide Range to test for the following concentrations 0, 10, 25, 50, 100, 250, 500 ppm. In under a minute, you can get an accurate reading.

GG-660100	Gard'nClean Chlorine Dioxide Test Strips - Wide Range	\$24.95
GG-660101	Gard'nClean Chlorine Dioxide Test Strips - Low Range	\$24.95



LINIS GROW IN-LINE CATALYTIC GARDEN HOSE FILTER



This garden hose filter has been specially designed to fit any standard garden hose thread. It removes chlorine, chloramines, and harmful VOCs commonly found in water supplies. The garden hose filter can be used for any of your outdoor water needs where cleaner water is desired. Removes 98% of chlorine.

GG-660200	Linis Grow Catalytic In-line Garden Hose Filter	\$59.95
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GROW MEDIA

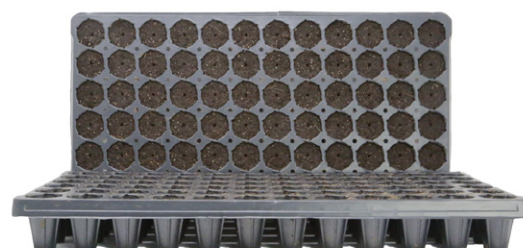
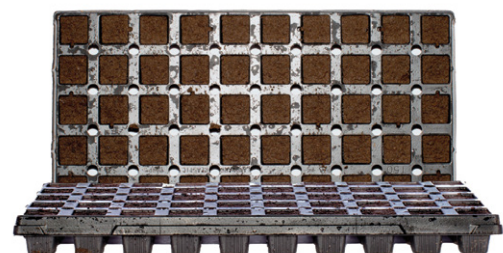


REDIROOTED® AERATING PLUGS BY JIFFY®

RediRooted® Aerating Plugs by Jiffy® feature a uniform substrate with hundreds of micro air pockets evenly distributed throughout the plug. These air pockets stimulate superior fibrous root growth throughout the volume of the plug, making transplanting quicker and greatly reducing the risk of root damage and disease.

RediRooted® Aerating Plugs consistently retain an air content of 30% or more, which means no compaction, even under heavy misting conditions. This makes it an ideal propagation medium, providing an optimal environment for fast and uniform rooting.

The plant plug binder's structure ensures no transplant shock. This means you can ship or transplant the plugs earlier, freeing up valuable bench space in order to rotate the crops faster.



GG-650071	6/Cs	RediRooted Aerating Plugs by Jiffy - 72 Cell Tray	\$19.95
GG-650072	8/Cs	RediRooted Aerating Plugs by Jiffy - 50 Cell Tray	\$19.95

CULTIWOOL STARTER PLUGS

Cultiwool starter plugs are known for their uniformity and firmness, and are ideal for growing crops in a hydroponic system. This high quality stone wool is a clean and inert product. Therefore, it provides a sterile environment and does not contain any harmful bacteria or pollutants which can affect root and shoot development. It does not lock up or release any substances, ensuring all water and nutrients are available to the plant.

Use the starter plugs for your start prior to transplanting into larger Cultiwool growing blocks.



GG-640005	25, 84-Plug Sheets/Cs	Cultiwool AO-Rooting Plugs - 1.4" x 1.4" x 1.6"	\$441.95
GG-640006	Single 84-Plug Sheet	Cultiwool AO-Rooting Plugs - 1.4" x 1.4" x 1.6"	\$19.95
GG-640010	2250 Blocks/Cs	Cultiwool Mini-Blocks - 1.6" x 1.6" x 1.6"	\$379.95

CULTIWOOL GROWING BLOCKS

The Cultiwool substrate blocks are provided with drain grooves at the bottom to improve the water-flow under the block. This is especially useful when the substrate blocks are placed on cultivation tables and concrete floors. Another benefit of the drain grooves under the block is that it will limit the contact surface with the ground. This will avoid bringing diseases into the plant via weak roots often in combination with too high temperatures.

The 6x6x4 and 6x6x6 Cultiwool Blocks come with a donut ring - a water chamber around the plug hole to place irrigation drippers. With the donut ring you will achieve an even more homogeneous distribution of the water.



GG-640015	216 Blocks/Cs	Cultiwool Blocks - 4" x 4" x 2.5"	\$179.95
GG-640020	144 Blocks/Cs	Cultiwool Blocks - 4" x 4" x 4"	\$189.95
GG-640025	64 Blocks/Cs	Cultiwool Blocks - 6" x 6" x 4" with Donut Ring	\$194.95
GG-640030	48 Blocks/Cs	Cultiwool Blocks - 6" x 6" x 6" with Donut Ring	\$189.95
GG-640032	18 Blocks/Cs	Cultiwool Blocks - 8" x 8" x 8"	\$134.95

CULTIWOOL MINI-SLABS

Cultiwool's stone wool growing slabs provide the final stage for growing crops. Cultiwool slabs come standard with a vertical fibre orientation. Cultiwool stone wool is used worldwide by professional cultivators. It allows them to grow top quality crops with fewer inputs. The basis of a successful grow for a longer period is a substrate with a superb and consistent homogeneity.



GG-640035	36 Slabs/Cs	Cultiwool Mini-Slabs - 10" x 8" x 3"	\$191.95
GG-640040	16 Slabs/Cs	Cultiwool Slabs - 36" x 6" x 3"	\$162.95

EVOCOIR PLATINUM COCO GROW MEDIA IN OPEN TOP GROW BAGS

Evocoir P-O-T's (Professional Open Top) are open top grow bags designed for professional growers or anyone wanting professional results. Evocoir Platinum Line (Buffered in Calcium Nitrate) is the highest quality, best performing substrate(s) available on the market.



Biodegradable Bags

COCO TREATED WITH CALCIUM NITRATE

All Evocoir Platinum line products are buffered with calcium nitrate using Evocoir's exclusive treatment and manufacturing process that was developed and perfected through years of collaboration between the world's brightest chemical engineers and real world growers. The result is THE Premium Coco Coir Open Top Grow Bag.

30/70 COCO BLEND

Evocoir's standard Platinum P-O-T utilizes a coir blend that is 30% chunk and 70% 16mm pith. This blend was designed specifically for use with MJ crops. The 30/70 blend combines excellent water retention and superior drainage over the competition's standard 8 and 16mm coir products.

- ▶ 30/70 Chunk/Pith Blend allows for flexibility in watering and fertilization
- ▶ 30% Chip ensures proper aeration for superior root development
- ▶ 70% 16mm Pith for added water holding capacity
- ▶ 100% organic coco coir base ensures fully sustainable and renewable substrate



Plastic Bags with Bottom Filter

SHIPS COMPRESSED

Evocoir P-O-T's ship to you compressed to maximize shipping and ease of setup. Just plug in your drippers to the pre-drilled top holes, or hydrate with your preferred method (top water, flood, etc.) and the P-O-T will fully expand and be ready for use in just a few short minutes. (Expansion time may vary depending on flow rate or amount of water being provided. Full expansion generally requires approx. 0.6 gallons of water per 1 gallon bag, 1.2 gallons of water for the 2 gallon bag, and 1.8 gallons of water for the 3 gallon bag.) Each pot includes added drain holes to provide additional air pruning and uniform drainage. Available in biodegradeable bags or plastic bags with bottom filter.

DIMENSIONS:

- ▶ 1 Gallon Pot: Compressed: 6.5" x 5.5" x 2" Expanded: 7" x 6" x 8"
- ▶ 2 Gallon Pot: Compressed: 7" x 7" x 3" Expanded: 7.5" x 7.5" x 9.5"
- ▶ 3 Gallon Pot: Compressed: 9.3" x 7.3" x 2.5" Expanded: 9.8" x 7.8" x 8.8"

GG-640100	20/Cs	Evocoir Platinum 70/30 Treated Coco Blend - Open Top Biodegradable Bag - 1 Gallon	\$2.98
GG-640110	20/Cs	Evocoir Platinum 70/30 Treated Coco Blend - Open Top Biodegradable Bag - 2 Gallon	\$3.98
GG-640120	10/Cs	Evocoir Platinum 70/30 Treated Coco Blend - Open Top Biodegradable Bag - 3 Gallon	\$4.98
GG-640105	20/Cs	Evocoir Platinum 70/30 Treated Coco Blend - Open Top Bag w/ Bottom Filter - 1 Gallon	\$2.98
GG-640115	20/Cs	Evocoir Platinum 70/30 Treated Coco Blend - Open Top Bag w/ Bottom Filter - 2 Gallon	\$3.98
GG-640125	10/Cs	Evocoir Platinum 70/30 Treated Coco Blend - Open Top Bag w/ Bottom Filter - 3 Gallon	\$4.98



REDIROOT® FABRIC AERATION POTS

RediRoot® fabric pots are a tree and plant growing container designed to utilize a process called air root pruning. This process effectively prunes fibrous roots when they hit the air and sends a signal to the plant or tree to produce new fibrous root growth, which is key for the growth and transplant potential of the whole plant. Felt made with PET fiber; PET Fabric Weight: 170g.

Available in sizes up to 1000 gallon. Contact us for more information.

BLACK FABRIC

		Diameter	Height	Volume	SRP
GG-650000	RediRoot Fabric Aeration Pot - Black - 1 Gal. (Pack of 5)	7.00	6.30	1.05	\$6.45
GG-650001	RediRoot Fabric Aeration Pot - Black - 2 Gal. (Pack of 5)	8.00	7.00	1.52	\$7.95
GG-650002	RediRoot Fabric Aeration Pot - Black - 3 Gal. (Pack of 5)	11.80	8.30	3.93	\$10.45
GG-650003	RediRoot Fabric Aeration Pot - Black - 5 Gal. (Pack of 5)	12.60	10.30	5.56	\$12.95
GG-650005	RediRoot Fabric Aeration Pot - Black - 10 Gal. (Pack of 5)	17.90	12.20	13.29	\$19.95
GG-650007	RediRoot Fabric Aeration Pot - Black - 20 Gal. (Pack of 5)	21.00	15.00	22.49	\$29.95
GG-650008	RediRoot Fabric Aeration Pot - Black - 30 Gal. (Pack of 5)	26.00	16.00	36.77	\$41.45

BLACK FABRIC WITH HANDLES

		Diameter	Height	Volume	SRP
GG-650022	RediRoot Fabric Aeration Pot - Black w/ Handles - 3 Gal. (Pack of 5)	11.80	8.30	3.93	\$11.25
GG-650023	RediRoot Fabric Aeration Pot - Black w/ Handles - 5 Gal. (Pack of 5)	12.60	10.20	5.56	\$14.58
GG-650024	RediRoot Fabric Aeration Pot - Black w/ Handles - 7 Gal. (Pack of 5)	14.00	12.00	8.00	\$18.75
GG-650025	RediRoot Fabric Aeration Pot - Black w/ Handles - 10 Gal. (Pack of 5)	17.90	12.20	13.29	\$22.10
GG-650026	RediRoot Fabric Aeration Pot - Black w/ Handles - 15 Gal. (Pack of 5)	20.10	14.00	19.23	\$27.08
GG-650027	RediRoot Fabric Aeration Pot - Black w/ Handles - 20 Gal. (Pack of 5)	21.00	15.00	22.49	\$33.08
GG-650028	RediRoot Fabric Aeration Pot - Black w/ Handles - 30 Gal. (Pack of 5)	26.00	16.00	36.77	\$46.10

TAN FABRIC

		Diameter	Height	Volume	SRP
GG-650029	RediRoot Fabric Aeration Pot - Tan - 1 Gal. (Pack of 5)	7.00	6.30	1.05	\$4.45
GG-650030	RediRoot Fabric Aeration Pot - Tan - 2 Gal. (Pack of 5)	8.00	7.00	1.52	\$6.25
GG-650031	RediRoot Fabric Aeration Pot - Tan - 3 Gal. (Pack of 5)	11.80	8.30	3.93	\$6.94
GG-650032	RediRoot Fabric Aeration Pot - Tan - 5 Gal. (Pack of 5)	12.60	10.30	5.56	\$8.45
GG-650033	RediRoot Fabric Aeration Pot - Tan - 7 Gal. (Pack of 5)	14.00	12.00	8.00	\$9.90
GG-650034	RediRoot Fabric Aeration Pot - Tan - 10 Gal. (Pack of 5)	17.90	12.20	13.29	\$16.25
GG-650035	RediRoot Fabric Aeration Pot - Tan - 15 Gal. (Pack of 5)	20.10	14.00	19.23	\$22.41
GG-650036	RediRoot Fabric Aeration Pot - Tan - 20 Gal. (Pack of 5)	21.00	15.00	22.49	\$29.95
GG-650037	RediRoot Fabric Aeration Pot - Tan - 30 Gal. (Pack of 5)	26.00	16.00	36.77	\$41.45
GG-650038	RediRoot Fabric Aeration Pot - Tan - 45 Gal. (Pack of 5)	27.00	18.00	44.62	\$45.95
GG-650039	RediRoot Fabric Aeration Pot - Tan - 65 Gal. (Pack of 5)	32.00	18.00	62.67	\$49.95
GG-650040	RediRoot Fabric Aeration Pot - Tan - 100 Gal. (Pack of 5)	38.00	20.00	98.20	\$79.95

TAN FABRIC WITH HANDLES

		Diameter	Height	Volume	SRP
GG-650051	RediRoot Fabric Aeration Pot - Tan w/ Handles - 3 Gal. (Pack of 5)	11.80	8.30	3.93	\$6.94
GG-650052	RediRoot Fabric Aeration Pot - Tan w/ Handles - 5 Gal. (Pack of 5)	12.60	10.20	5.56	\$8.80
GG-650053	RediRoot Fabric Aeration Pot - Tan w/ Handles - 7 Gal. (Pack of 5)	14.00	12.00	8.00	\$11.16
GG-650054	RediRoot Fabric Aeration Pot - Tan w/ Handles - 10 Gal. (Pack of 5)	17.90	12.20	13.29	\$20.83
GG-650055	RediRoot Fabric Aeration Pot - Tan w/ Handles - 15 Gal. (Pack of 5)	20.10	14.00	19.23	\$22.08
GG-650057	RediRoot Fabric Aeration Pot - Tan w/ Handles - 30 Gal. (Pack of 5)	26.00	16.00	36.77	\$33.80

HIGH DRO GRO GROW TENTS

HighDroGro has carved out their place in the top tier grow tent arena. HDG Grow Tents are not the everyday run-of-the-mill, silver lined, looks-like-everyone-else's grow tents.

HDG listened to hobby and pro-growers and took their time with design to create this versatile, clean cut, highly functional line of grow tents. And they've taken the industry by storm!

WHAT MAKES HIGH DRO GRO GROW TENTS DIFFERENT FROM OTHER GROW TENTS?

1 TEXTURED WHITE WALLS

HighDroGro is the first manufacturer to fit their grow tents with a muted white interior. And there is science behind that decision. Most grow tents on the market have silver lined interior walls to aid in light reflectivity. The problem with the silver reflective material is that it creates hot spots of reflectivity, decreasing uniformity and potentially burning plants.

HDG's textured white interiors help to solve this problem.

Independent studies have shown that the interior of HDG tents is 7% more reflective than competing tent interiors, and provides 16% more light distribution uniformity helping to minimize hot spots.

2 UNIQUE DESIGN

HighDroGro has revamped grow tent design by creating the first 3 door + 3 window configuration (patent pending). The HDG44 and HDG55 models have full zip doors on three sides as well as windows on three sides increasing both ease of access and visibility. Imagine not having to delicately maneuver around your plants to get to the ones in the back corner. Just unzip that side of the tent and BOOM! Easy access.

EACH TENT HAS:

- ▶ Tent Fabric Made up of 3 Bonded Layers:
 - (1) Outer Canvas w/ 600D Light Density
 - (2) Black PEVA Vinyl Center
 - (3) Low Gloss White PEVA Vinyl Interior
- ▶ Removable Inner Spill Tray
- ▶ Industrial Heavy Duty Zippers (designed for light elimination)
- ▶ White Powder Coated, Rust Resistant Steel Frame



SPECIFICATIONS

SBOX

Dimensions (w x d x h)	3'2" x 2' x 5'5" (96 x 62 x 168 cm)
Pole Diameter	16mm
# of Vents	3 Velcro Sealed (6" x 12")
# of Ducting Ports	1 at ceiling (4" diameter)
# of Electrical Ports	2 (3" diameter)
# of Doors	1 (front)
# of Windows	3 (front and both sides)

DBOX

Dimensions (w x d x h)	4'6" x 2'4" x 5'5" (136 x 72 x 165 cm)
Pole Diameter	16mm
# of Vents	3 Velcro Sealed (6" x 12")
# of Ducting Ports	1 at ceiling (6" diameter)
# of Electrical Ports	2 (3" diameter)
# of Doors	1 (front)
# of Windows	3 (front and both sides)

HDG35

Dimensions (w x d x h)	5' x 3' x 6' (152 x 92 x 183 cm)
Pole Diameter	16mm
# of Vents	3 Velcro Sealed (6" x 12")
# of Ducting Ports	1 at ceiling (6" diameter)
# of Electrical Ports	2 (3" diameter)
# of Doors	1 (front)
# of Windows	3 (front and both sides)

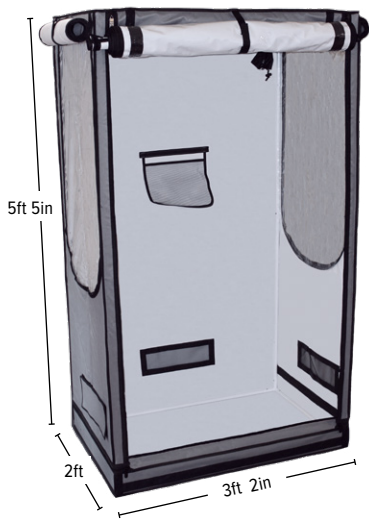
HDG44

Dimensions (w x d x h)	4' x 4' x 6'5" (120 x 120 x 200 cm)
Pole Diameter	19mm
# of Vents	3 Velcro Sealed (3" x 14")
# of Ducting Ports	5 (6" diameter)
# of Electrical Ports	4 (3" diameter)
# of Doors	3 (front and both sides)
# of Windows	3 (front and both sides)

HDG55

Dimensions (w x d x h)	5' x 5' x 6'8" (150 x 150 x 210 cm)
Pole Diameter	19mm
# of Vents	3 Velcro Sealed (3" x 14")
# of Ducting Ports	5 (6" diameter)
# of Electrical Ports	4 (3" diameter)
# of Doors	3 (front and both sides)
# of Windows	3 (front and both sides)

GG-700100	HDG Sbox Grow Tent - (3' x 2' x 5.5')	\$249.00
GG-700105	HDG Dbox Grow Tent - (2' x 4' x 5.5')	\$269.00
GG-700110	HDG35 Grow Tent - (3' x 5' x 6')	\$299.00
GG-700115	HDG44 Grow Tent - (4' x 4' x 6'5")	\$369.00
GG-700120	HDG55 Grow Tent - (5' x 5' x 6'9")	\$399.00



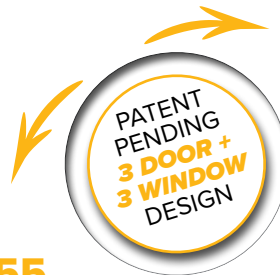
SBOX

The SBox will easily take 2-3 plants from start to finish. This compact tent is ideal for genetics projects, vegging, clones, plant quarantine, kitchen herb gardens, and so much more!



HDG35

HighDroGro's most popular model! A workhorse in any environment, the HDG35 gives the experienced grower a chance to spread their wings while still keeping their footprint light. At 6 ft tall, this tent gives your plants plenty of room to flourish!

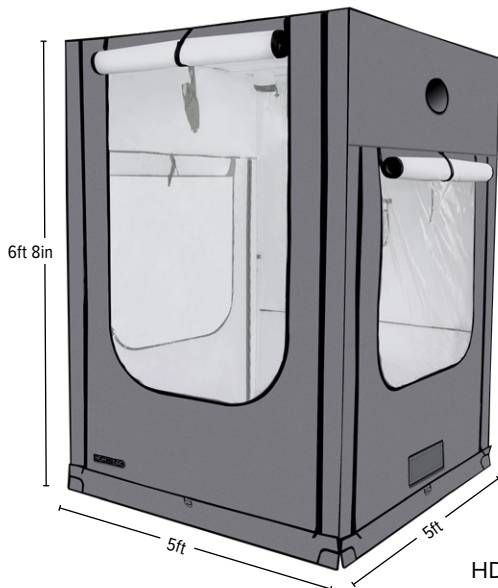


HDG55

The 5x5 is HDG's largest tent offering to date. Like the 4x4, the HDG55 has 3 fully opening doors, giving you easy access to 3 sides of your tent. Up until now, a tent this size could only be accessed through a single front door, forcing you to climb through your plants to reach the ones in the back, potentially introducing pests and other

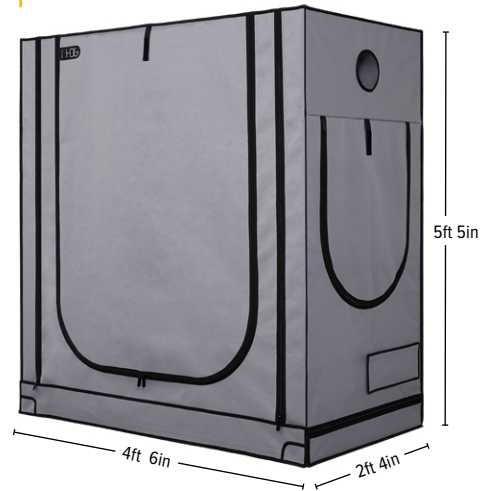
unwanted contaminants to your grow.

HDG has tackled this problem head-on with their patent pending 3-door + 3-window design. The potential here is limitless!



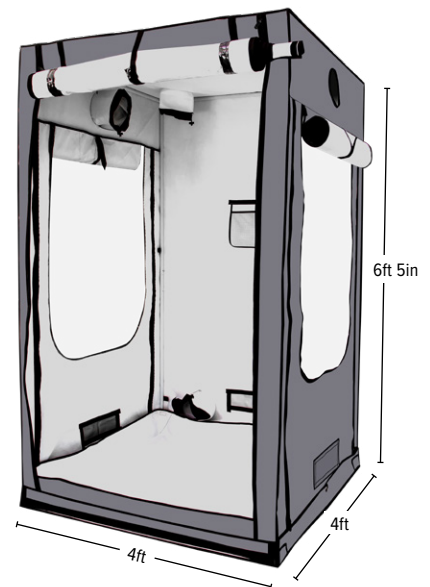
DBOX

Ideal for hobby growers and super enthusiasts alike, this small footprint tent is the perfect fit for a bedroom, game room, or any living area. Easily take 4-6 plants from start to finish without overwhelming your space with a giant tent.



HDG44

Ready to step up your game? The HDG44 is the perfect segue tent for hobbyists who are wanting to dive deeper into cultivation science. Perfect for pheno-hunting, breeding projects, or just growing a lot of big plants!



TDS, EC, & pH METERS



TDS-3
(GG-660002)



COM-80
(GG-660003)



PH-80
(GG-660000)



COM-100
(GG-660004)



PH-200
(GG-660001)



COM-300
(GG-660005)

TDS-3 - HANDHELD TDS METER WITH CARRYING CASE - (GG-660002)

With its rugged design and build, the TDS-3 is an ideal meter to check your ppm in your nutrient tank. It comes with a black vinyl carrying case.

COM-80 - EC/TDS HYDROTESTER SERIES - (GG-660003)

The COM-80 is easily the most advanced economically priced, reliable EC/ TDS meter on the market. With its versatility and durability, you can read or check your nutrient tank or runoff to optimize the health of your plants.

PH-80 - pH HYDROTESTER SERIES - (GG-660000)

The PH-80 has proven to be the MOST reliable pH meter in its price range. This economically priced meter is known for its reliability and accuracy. 1 button digital calibration. Remember to keep the probe hydrated in KCl Storage Solution.

COM-100 - WATERPROOF PRO SERIES EC/TDS METER - (GG-660004)

The COM-100 is a professional grade waterproof EC/TDS/Temp meter ideal for testing your hydroponic nutrient solution.

PH-200 - WATERPROOF PRO SERIES pH/TEMP METER - (GG-660001)

The PH-200 is a professional grade pH/Temp meter ideal for all pH testing water. With its advanced microprocessor it provides highly accurate dependable readings on a large LCD screen. This unit has a replaceable probe and a lanyard.

COM-300 - WATERPROOF PRO SERIES pH/EC/TDS/TEMP METER - (GG-660005)

The COM-300 is a professional grade waterproof pH/EC/TDS/Temp meter. This handy all-in-one meter gives you all the knowledge you need to know with water in the grow room.

GG-660002	HM Digital TDS-3 Pen Style TDS/EC/Temp Meter	\$19.95
GG-660003	HM Digital COM-80 Pen Style TDS/EC/Temp Meter	\$42.95
GG-660000	HM Digital PH-80 Pen Style pH/Temp Meter	\$46.50
GG-660004	HM Digital Pro Series COM-100 Pen Style TDS/EC/Temp Meter	\$74.95
GG-660001	HM Digital Pro Series PH-200 Pen Style pH/Temp Meter	\$99.95
GG-660005	HM Digital Pro Series COM-300 Pen Style pH/TDS/Temp Meter	\$159.95

COMBO MONITORS



HM-200
(GG-660008)



HM-100
(GG-660007)



HM-500
(GG-660009)

HM-200 - PORTABLE pH/EC/TDS/TEMP MONITOR - (GG-660008)

The HM-200 is a versatile portable pH/EC/TDS/Temp monitor ideal for spot checking various reservoirs or other areas in your grow room. It comes with a pH probe and EC/TDS/Temp probe.

HM-100 - CONTINUOUS pH/EC/TDS/TEMP MONITOR - (GG-660007)

The HM-100 is a pH/EC/TDS/Temp wall mount monitor. Keeping tabs on these parameters in your reservoir is a must in any professional grow environment.

HM-500 HYDROMASTER - CONTINUOUS pH/EC/TDS/TEMP MONITOR - (GG-660009)

The HM-500 is the most versatile wall mount monitor indicating EC/TDS, pH, and Temp providing accurate, stable readings the grower can rely on. With its rechargeable battery this versatile unit is portable or can be wall mounted. Also comes with touch screen, high and low alarm set points, and recorded readings.

GG-660008	HM Digital Hydromaster HM-200 Portable pH/TDS/EC/Temp Meter	\$274.95
GG-660007	HM Digital HM-100 Continuous pH/EC/TDS/Temp Monitor	\$299.99
GG-660009	HM Digital Hydromaster HM-500 Continuous pH/TDS/EC/Temp	\$359.95

CALIBRATION, BUFFER, & STORAGE SOLUTIONS

Use these solutions for TDS & EC Calibration, pH Buffering, and electrode storage.



GG-660010	HM Digital TDS 1000 ppm Calibration Solution Bottle	\$7.50
GG-660011	HM Digital TDS 1000 ppm Calibration Solution - 20 packets of 20ml	\$24.95
GG-660012	HM Digital pH Electrode Storage Solution - 60cc	\$6.95
GG-660013	HM Digital pH Electrode Storage Solution - 20 packets of 20ml	\$24.95
GG-660022	HM Digital pH 4.0 Buffer Solution - 20 packets of 20ml	\$24.95
GG-660014	HM Digital pH 7.0 Buffer Solution - 20 packets of 20ml	\$24.95
GG-660015	HM Digital 20 pack mix: 1000ppm TDS, pH 4, pH 7, pH Storage Solutions	\$24.95

REPLACEMENT SENSORS FOR HM DIGITAL METERS

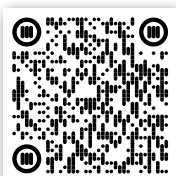


GG-660016	HM Digital Replacement pH Sensor for HM-500	\$54.95
GG-660021	HM Digital Replacement EC/TDS Sensor for HM-500	\$49.95
GG-660020	HM Digital Replacement EC/TDS Sensor for HM-100 and HM-200	\$49.95
GG-660017	HM Digital Replacement TDS/EC Sensor for COM-100	\$34.95
GG-660018	HM Digital Replacement Sensor for COM-300	\$62.95
GG-660019	HM Digital Replacement pH/Temp Sensor for PH-200	\$44.95

FEED CHARTS



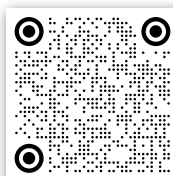
Basic Chart



Basic Chart

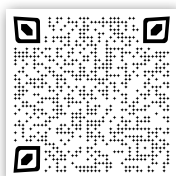
Hybrids
CocoShort Flowering
CocoLong Flowering
CocoHybrids
SoilShort Flowering
SoilLong Flowering
SoilCommercial
Rockwool

DIY Guide



Bio Line

CALCULATORS

Vapor Pressure Deficit
CalculatorGHF Mineral Line
Nutrient CalculatorGHF Bio Line
Nutrient CalculatorGard'nClean
Calculator

RECOMMENDED DOSAGES



MAMMOTH	PREVENTATIVE	CURATIVE
Mammoth Control	30 ml per gallon every 7 days	90 ml per gallon every 7 days



ORGANISHIELD	PREVENTATIVE	CURATIVE
Insecticide/Miticide	40 ml per gallon every 7-10 days	40 ml per gallon every 1-3 days



GREEN CLEANER	PREVENTATIVE	CURATIVE
3-in-1	15 ml per gallon 1-2 times per week	Start with 60 ml per gallon to knock down. Follow up with 30 ml per gallon every 1-2 days until controlled.



ROOT CLEANER	PREVENTATIVE	CURATIVE
Soil Drench	30 ml per gallon as needed	30 ml per gallon at least 2 times within 7-10 day period



LOST COAST PLANT THERAPY	PREVENTATIVE	CURATIVE
3-in-1	30-90 ml per gallon as needed	30-90 ml per gallon every other day for 7-10 days



THE AMAZING DOCTOR ZYMES	PREVENTATIVE	CURATIVE
Eliminator	40 ml per gallon every 7-10 days	40 ml per gallon every 1-3 days



GROWER'S ALLY	PREVENTATIVE	CURATIVE
Crop Defender 3	10 ml per gallon every 7 days	40 ml per gallon every 3-5 days
Spider Mite Control	10 ml per gallon every 7 days	40 ml per gallon every 3-5 days
Fungicide	45 ml per gallon every 7 days	45 ml per gallon every 3-5 days



AZAPRO	PREVENTATIVE	CURATIVE
Insecticide/Nematacide	1/4 oz / 8 ml per gallon	Medium Infestation: 1 oz / 30 ml per gallon Heavy Infestation: 2 oz / 60 ml per gallon



EMERALD HARVEST	IRRIGATION FEEDING
Cali Pro Grow A & B	2-5 ml per gallon
Cali Pro Bloom A & B	1-6 ml per gallon
Grow	2-8 ml per gallon
Micro	2-6 ml per gallon
Bloom	1-11 ml per gallon
Emerald Goddess	5-10 ml per gallon
Cal-Mag	2-5 ml per gallon
Honey Chome	4-8 ml per gallon
King Kola	4-12 ml per gallon
Root Wizard	15 ml per gallon
Sturdy Stalk	2-5 ml per gallon



MAMMOTH	IRRIGATION FEEDING
Mammoth P	0.6 ml per gallon - twice per week



BIONOVA	IRRIGATION FEEDING	FOLIAR SPRAY
Nutri Forte A	3-7 ml per gallon	
Nutri Forte B	3-7 ml per gallon	
Coco Forte A	3-7 ml per gallon	
Coco Forte B	3-7 ml per gallon	
Soil Supermix	5-10 ml per gallon	
PK 13-14	0.75-2 ml per gallon	1-2 ml per gallon
SiLution	0.75 ml per gallon	8 ml per gallon
X-ceL	2-4 ml per gallon	Use with SiLution and The Missing Link 5.75 ml SiLution (mix first), + 9.5 ml X-ceL and 9.5 ml The Missing Link.
The Missing Link	2-4 ml per gallon	19 ml per gallon (use max 3 times - during veg and week 1 of bloom)
BN-Zym	2-4 ml per gallon	



	GREEN HOUSE FEEDING	IRRIGATION FEEDING	DRY FEEDING / MIX-IN / TOP DRESS	FOLIAR SPRAY
MINERAL LINE	Grow	2.5-3 g per gallon		
	Hybrids	1.5-3 g per gallon		
	Long Flowering	1.5-3 g per gallon		
	Short Flowering	1.5-3 g per gallon		
	Booster	1-2 g per gallon		
	Calcium	2-5 g per gallon		
BIO LINE	BioGrow		Veg: 12-18 g per gallon of substrate. Mother Plants: 8-12 g per gallon of substrate every two months (as top dressing).	
	BioBloom		4-18 g per gallon of substrate.	



ORGANITEK	IRRIGATION FEEDING
Amplify	1-3 ml per gallon



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