



134 West Drive, Lodi, Ohio 44254
(330)302-4203

March 1 2010

Call with questions, availability & shipping rates:

If you don't see what you need, we can probably order it for you;
give us a call at 800-321-5656

Table of Contents

Lighting Systems	Page 2
Hydroponic Systems	Page 4
Growing Media	Page 6
Liquid Nutrients	Page 9
Nutrient Additives	Page 11
Dry Nutrients	Page 13
pH Adjustments	Page 16
Meters- pH, EC, TDS	Page 16
Hydroponic System cleaning and plant flushing Products	Page 17
Pest and Fungus Control	Page 17
Trays	Page 18
Reservoirs	Page 18
Timers	Page 18
Pumps	Page 18
Parts for building your own growing system	Page 19
Pots	Page 20
Fans, Air Duct Tubing	Page 21
CO₂ Enrichment	Page 21
Odor Control	Page 23
Miscellaneous	Page 23

Prices and specifications subject to change without notice.

H.I.D. Lighting Systems

Note: M.H.= Metal Halide (best for vegetative growth), H.P.S.= High Pressure Sodium (best for fruiting and flowering). We recommend high intensity fluorescent lighting (see page 4) for starting seedlings and rooting cuttings.

H.I.D. Lighting Ballasts

Hydrofarm's **Xtrasun** series ballasts feature on/off switches, detachable cord sets and are backed by Hydrofarm's new extended 5 year warranty, the longest in its class.

400 Watt M.H. Ballast	LIG5804	\$129.95
1000 Watt M.H. Ballast	LIG5805	\$179.95
400 Watt H.P.S. Ballast	LIG5803	\$159.95
600 Watt H.P.S. Ballast	LIG5806	\$199.00
1000 Watt H.P.S. Ballast	LIG5802	\$199.00

Lumatek E-Ballast

400 Watt	LIG5809	\$189.95
600 Watt	LIG5808	\$249.95
1000 Watt	LIG5807	\$399.95

Hydrofarm's Convertible ballast fits Hydro farm reflectors. 5 year warranty.

XtraSun 400 watt switchable ballast	LIG5801	\$179.95
XtraSun 1000 watt switchable ballast	LIG5800	\$209.95

SunBurst 400 Watt Convertible	LIG3005	\$200.00
-------------------------------	----------------	----------

H.I.D. Reflectors:

Value Brite 6" Air Cool Reflector	LIG5851	\$104.95
Value Brite Air Coolable Reflector	LIG5860	\$ 64.95
Value Brite Wing Reflector	LIG5850	\$ 24.95
Value Brite Lens System	LIG5852	\$ 18.50
ALL System Cord set	LIG8001	\$ 29.95

Lighting Accessories, Meters & Light Movers

Easy Glider Hanging System, 2pk	EAS1000	\$ 19.95	
Light Hanger (adjustable)	LIG0021	\$ 29.95	
Quantum Light Meter	LIG1000	\$249.95	
Digital Light Meter	LIG1100	\$ 54.95	
HydroFarm Light Meter	LIG1200	\$ 22.95	
Robo Stick Lamp Stabilizer to stabilize lights hanging from Light Rail	LIG0010	\$ 36.50	
Light Track 6' (chain drive light mover, motor included)	HYD4001	\$114.95	Special Order
Light Track 4' (chain drive light mover, motor included)	HYD4003	\$109.95	Special Order
9RPM Motor with 2- 3 ft Light Rails	LIG0008	\$234.95	

We carry **2mm** thick **MYLAR** to reflect maximum light back onto your indoor garden. 4 ½' wide roll
54" x25'

	MYL1001	\$ 29.95	
54" x50'	MYL1002	\$ 54.95	
54" x100	MYL1003	\$ 94.95	

High Intensity Grow-Light Bulbs

400 Watt M.H.	LIG2003	\$ 29.95	
1000 Watt M.H.	LIG2004	\$ 74.95	
400 Watt M.H. Agrosun Gold	LIG5001	\$ 74.95	
1000 Watt M.H. BT-37 Agrosun Gold	LIG5010	\$119.95	
400 Watt H.P.S.	LIG2006	\$ 25.95	
400 Watt H.P.S. Hortilux	LIG2014	\$ 92.95	
430 Watt H.P.S. Hortilux	LIG2014A	\$ 95.95	
600 Watt H.P.S.	LIG2017	\$ 88.24	
600 Watt H.P.S. Hortilux	LIG2015	\$117.95	
1000 Watt H.P.S.	LIG2007	\$ 66.95	
1000 Watt H.P.S. Hortilux	LIG2016	\$119.95	

High Intensity Fluorescent Lighting Systems

Fluorescent Light Fixture

LIG0003A \$ 79.95

125 Watt "Cool/Daylight" bulb for vegetative growth

LIG0004 \$ 59.95

125 Watt "Warm" bulb (encourages fruiting/flowering)

LIG0004A \$ 59.95

T5 4 Bulb Fluorescent Fixture

LIG0016 \$169.95 **Special Order**

T5 6 Bulb Fluorescent Fixture

LIG0017 \$229.95 **Special Order**

T5 8 Bulb Fluorescent Fixture

LIG0018 \$269.95 **Special Order**

T5 Single fixture with Bulb

LIG0037 \$32.95

T5 High Performance 4Ft System with wings

LIG0038 \$48.95

Fluorescent Replacement Bulbs:

GroLux 48" wide spectrum tube 40 watt

LIG4800 \$ 8.05

GroLux 48" standard tube 40 watt

LIG4804 \$ 12.60

Agrosun 48" tube 40 watt

LIG4900 \$ 16.95

Hydroponic Systems

Modern hydroponic technology allows growers to produce crops year-round and virtually anywhere, with bigger, faster yields and less work and water use than traditional soil farming. These systems come complete with everything you need to get growing right out of the box.

The **Eurogrower** from General Hydroponics features 8 drip-fed 2 gallon pots set on a custom 40-Gallon Panda reservoir. Dimensions: 2'2"x4'5", 1'2" high:

Eurogrower complete system

EUR1000 \$616.65

AeroFlo systems from General Hydroponics combine NFT and Aeroponic technology to deliver astounding growth rates.

AeroFlo 20 site, dimensions 1'6" by 7'

AER1000 \$421.67

AeroFlo2 30 site, dimensions 2'6" by 7'

AER1001 \$696.67

AeroFlo2 36 site, dimensions 4'2" by 4'7" (recommended for 600 or 1000 watt light)

AER1002 \$788.33

AeroFlo 60 site: dimensions 6' by 6'

AER1004 \$1,173.33

Econogrow systems offer a simple, versatile, affordable ebb and flow package based around a sturdy 3' square tray on metal legs above the reservoir. Use any size pots and grow media you wish. Purchase pots, media, & nutrients separately.

- Econogrow 1 table system (3'x3')
ECO1000 \$399.95
- Econogrow 2 table system (3'x6')
ECO1001 \$589.95

Home & Hobby Nutrient Film Technique (NFT) Systems by **CropKing Inc.** are re-circulating systems designed for growing fresh greens and flowers like the pros at home year- round. **The Greens Kit 2001** includes 6 NFT channels with 36 growing spaces for lettuce, herbs and small flowers. End caps and removable top caps for easy cleaning. Nutrient feed line plumbing and drain lines included with submersible pump.

- Green 2001 NFT Kit
GRE1000 \$299.95

The Green 1001 Leaf and Vine Crop Kit includes 4 NFT channels with 24 leaf crop growing spaces and 1 NFT Channel with 4 larger growing spaces for vine crops. Includes 4 – 6” net pots, 4 litres of leca stones and 4’ x 4’ trellis netting. End caps and removable top caps for easy cleaning. Nutrient feed line plumbing and drain lines included with submersible pump.

- Green 1001 Leaf & Vine Crop Kit
GRE1001 \$329.99

The **Waterfarm** from General Hydroponics is a hydroponic drip system built into an attractive 2 gallon square planter driven by an included air pump. It can be run as a self contained unit, or many units can be hooked together with a controller unit and arranged in any conformation desired. Each unit can grow one large plant or up to 5 small plants. The air pump super oxygenates the roots for fast growth and healthy plants. Each unit measures 10"x 10" by 15" high.

- Waterfarm stand alone unit, with nutrient and grow rocks
WAT2000 \$ 65.63
- Waterfarm Control kit
WAT2100 \$79.75
- Waterfarm expansion unit (must be hooked to a controller)
WAT2200 \$ 29.98
- Waterfarm 8 pack (Includes dual diaphragm air pump, reservoir, GH nutrients, and controller- a complete system.)
WAT2300 \$514.60
- Water Farm Control Kit
WAT2400 \$ 79.75
- Farm Kit
WAT2401 \$ 14.30

The **Powergrower** is very similar to the Waterfarm, except it is housed in a larger, more decorative housing made to resemble an Italian clay pot. This unit also can stand alone or many can be run by a Waterfarm controller. Includes nutrient and grow rocks.

- Powergrower (15.5" diameter, 16" high)
POW1000 \$ 80.12

Emily's Garden by HydroFarm is a great starter kit for the beginner. 6 square pots sit in a pump aerated nutrient solution. Complete with leca stone growing media, rockwool seed starter cubes, pH test kit, nutrient, and more. This is a passive system and it is not recommended for plants with high water and nutrient needs like tomatoes.

Emily's Garden (16"x 24", 6" high)
HYD3000 \$ 89.95

Homegarden by HydroFarm is a passive complete system much like Emily's Garden (above), except plants sit directly in a tray filled with growing media and it had a narrow profile perfect for a windowsill.

Homegarden (28" by 9", 10" high)
HYD1060 \$ 64.95

Megagarden by HydroFarm is a true ebb & flow system in a compact package. Complete with pump and timer, seed starter cubes, pH test kit, leca stone growing medium, 15 planters, and instructions.

Megagarden (22" x 22", 10" high)
HYD3010 \$179.95

The **EZ-Clone** is the top of the line cloning machine on the market. Custom made to ensure fast, effective rooting of clones. Many spray heads ensure maximum aeration and coverage of roots with nutrient solution.

EZ-Clone 30 (22.5"x 17", 15" high)

EZC1000 \$309.95

EZ-Clone 60 (32.5"x 19.5", 15" high)

EZC1001 \$354.95

EZ-Clone 120 (120 plant sites)

EZC1002 \$454.95

EZ-Clone Inserts (sold each)

EZCNI \$ 0.45

EZ-Clone Replacement spray head

EZCSPJ \$ 0.50

Growing Media

Light Warrior from Foxfarm is a light organic soilless medium formulated for high yields with beneficial Micorrhizae fungi, Humic acid from Leonardite, and earthworm castings mixed in to get your plants off to a healthy start.

Light Warrior, 1 cu. foot bag (26 quarts)

FOX1001 \$ 17.95

Ocean Forest organic potting soil from Foxfarm includes fish, crab meal, shrimp meal, earthworm castings, and Bat Guano to keep plants happy with no additional fertilizers for up to 30 days.

Ocean Forest, 1 cu. foot bag

FOX1000 \$ 17.95

Planting Mix is Fox Farm's standard, an organic blend that includes 20% earthworm castings and bat guano.

Planting Mix, 1 cu. foot bag

FOX1002 \$ 16.95

Earthworm Castings from Wiggle Worm is a great organic soil builder guaranteed to improve your garden or your money back. Includes naturally occurring cytokines and gibberilic acids- great to mix at about 20% to 40% with soil for planting in ground or in pots.

Earthworm Castings, 30 lb. (20 qt.) bag
WOR1000 \$ 17.95

Earthworm Castings, 15 lb bag
WOR1001 \$ 13.95

Sunshine Mix is our own OMRI listed organic soil blend that we use in our commercial greenhouses.

Sunshine Mix Potting Soil, 2.8 cu. foot (79 liter) bag
SUN5001 \$ 15.00

Sunshine Mix potting Soil, 3.8 cu. foot, Bale
SUN5002 \$ 26.00

Roots Organics Natural & Organic Potting Soil is specifically engineered to promote healthier plants and greater yields. Contains extra long coco-fiber (coir), which has been composted for over two years and repeatedly washed for an incredibly low EC. Extra long fiber content improves drainage, while reducing problems with fertilizer salt toxicity common in many soils.

Roots Organics Natural & Organic Potting Soil, 1.5 cu. foot
ROO1101 \$ 16.95

Rockwool is the most popular media for hydroponic gardening. It has an ideal air to water holding ratio for plant needs. We carry **Grodan** brand, the leader in the industry.

Starter cubes (for seed starting or rooting cuttings):

1.5 inch starter cubes, 98/ pad (fits in seed tray TRA1101)
ROC1008 \$ 9.54

1 inch starter cubes, 200/ pad (fits in seed tray TRA1101)
ROC1004 \$ 9.60

1.5 inch (actually a little bigger) wrapped mini blocks, 15/strip
ROC4041 \$ 3.05

2 inch wrapped mini blocks, 12/ strip
ROC1011 \$ 4.78

Gro-Blocks have holes that fit 1-1.5 inch starter cubes for super easy transplanting:

6" x 6" x 6" "HUGO" cubes (the biggest!)
ROC2051 \$ 3.11

4" x 4" x 4"
ROC1030 \$1.76

4" x 4" x 2.6"
ROC1019 \$ 0.70

3" x 3" x 2.6"
ROC1002 \$ 0.53

3" x 3" x 2.6", No Hole
ROC1022 \$ 0.74

Macro Plugs are rockwool plant starting plugs that feature a slit for easy insertion of rooted cuttings. Ideal for growers using aeroponic EZ clone machines. They fit perfectly into the holes of any standard rockwool blocks, inserted into pebbles, or any other type of growing mediums.

Macro Plugs, Bag of 32 plugs
ROC2500 \$15.00

Grow Cubes, Medium Bag

ROC1014 \$19.95

Grow Cubes, Large Bag

ROC1003 \$36.95

Gro-Slabs provide expanded growing space for roots beyond cubes, which can be set into holes cut in the UV resistant polyethylene covering.

3" x 6" x 36"

ROC0998 \$ 5.64

3" x 8" x 36" (recommended for water hungry plants like cucumbers)

ROC0996 \$ 7.52

3' x 6" x 40"

ROC0999 \$ 6.26

3' x 8" x 40"

ROC0997 \$ 8.36

Leca Stone (Lightweight Expanded Clay Aggregate) Leca stone is completely inert, pH neutral and reusable, plus it has great oxygen holding capability and drainage.

Leca Stone, 1 liter

LEC1000 \$ 5.95

Leca Stone, 5 liters

LEC1001 \$ 7.95

Leca Stone, 10 liters

LEC1002 \$ 9.95

Leca Stone, 28 liters

LEC1003 \$ 12.95

Leca Stone, 50 liters

LEC1004 \$ 22.75

Perlite is a great inert medium to add to soil to increase oxygenation of the root zone and to prevent soil compaction, or to use alone for seed starting or in hydroponic applications. We carry coarse horticultural grade, which is the best for all gardening needs.

Perlite, 4 cu. foot (113 Liter) bag

PER4000 \$ 10.50

Filled Perlite Grow Bag (fits in 4 foot tray)

PER3000 \$ 6.68

Coconut fiber is an organic alternative media that can be used alone or mixed with other media such as perlite or leca stone to increase water holding capacity. We carry it in a variety of forms: **Coco Coir Bricks** expand to 5x their size when soaked in water, best source of loose fiber for mixing or planting.

COC0004 \$ 2.00

CocoTek Mat is placed in the bottom of a hydroponic tray to protect roots light damage.

Cocotek Mat, 4'x8'

COC5000 \$ 28.80

Rapid Rooter Plugs are organic seed or clone starting plugs derived from composted tree bark containing beneficial microbes. Excellent air to water holding ratio, top performer in our in-store test of seed germinating media (speed and % germination).

Rapid Rooter Flexplugs (50)

RAP1002 \$0.53

Jump Start Pellets are fast expanding, earth friendly, biodegradable peat pellets.

JUMPSTART1001	1-10	\$ 0.10
	101-1500	\$ 0.80
	Case 1500	\$ 99.00

Liquid Nutrients

Big Bloom is a 100% organic liquid fertilizer (.01-.3-.7) formulated to encourage strong, extra large flowers and sweeter fruit. Use alone at 4 Tbsp. to 1/2 cup per gallon during flowering and anytime your plants look sick, it has great healing properties. Also use 2 Tbsp./gallon for foliar feeding. Works great in combination with Tiger Bloom (we recommend using 10 mL (2 tsp.) Tiger Bloom and 15 mL Big Bloom per gallon with every watering during flowering in a light soilless mix like Light Warrior).

Big Bloom Quart

FOX2000 \$ 12.95

Big Bloom Gallon

FOX2001 \$ 39.96

Big Bloom 2.5 Gallon

FOX2002 \$ 86.95

Special Order

Big Bloom 5 Gallon

FOX2003 \$169.95

Special Order

Grow Big is a potent, fast acting, water soluble fertilizer (6-4-4) that encourages lush vegetative growth. Use 2 tsp./ gallon with every watering or for foliar feeding during vegetative growth, 1-2 Tbsp. per gallon for heavy feeding, switch to Tiger Bloom and /or Big Bloom at first signs of flowering. Organic based (not 100% organic).

Grow Big Quart

FOX3000 \$ 16.95

Grow Big Gallon

FOX3001 \$ 52.95

Grow Big 2.5 Gallon

FOX3002 \$122.95

Special Order

Grow Big 5 Gallon

FOX3003 \$213.95

Special Order

Tiger Bloom is an organic based nutrient (2-8-4) formulated to encourage flowering/fruitletting, use with Big Bloom for best yield and flavor/ aroma. Tiger Bloom is great for soil or hydroponic applications- very soluble.

Tiger Bloom Quart

FOX5000 \$ 16.95

Tiger Bloom Gallon

FOX5001 \$ 51.95

Tiger Bloom 2.5 Gallon

FOX5002 \$122.95

Special Order

Tiger Bloom 5 Gallon

FOX5003 \$212.95

Special Order

FloraSeries Nutrients are the industry standard for hydroponic growing- complete and simple to use, highly purified for maximum solubility (won't clog emitters). This is a 3 part nutrient- Gro, Bloom, and Micro or hardwater Micro are made to be used together.

FloraGro Quart	FLO2000	\$ 12.50
FloraGro Gallon	FLO2001	\$ 31.88
FloraGro 2.5 Gallon	FLO2002	\$ 69.40
FloraGro 6 Gallon	FLO2005	\$140.00
FloraBloom 1 Quart	FLO3000	\$ 12.50
FloraBloom 1 Gallon	FLO3001	\$ 31.88
FloraBloom 2.5 Gallon	FLO3002	\$ 69.40
FloraBloom 6 Gallon	FLO3005	\$140.00
FloraMicro 1 Quart	FLO1000	\$ 15.94
FloraMicro 1 Gallon	FLO1001	\$ 36.58
FloraMicro 2.5 Gallon	FLO1004	\$ 84.30
FloraMicro 6 Gallon	FLO1005	\$170.00
FloraMicro Hard Quart (for use with hard water over 200 ppm)	FLO0998	\$ 15.94

FloraNova is a complete one part fertilizer plus organic additives from the makers of the FloraSeries nutrients. It is extremely concentrated (1-3 tsp./ gal.), great for hydro or soil, includes all major and micronutrients, and it contains humic acids for better nutrient absorption and organic additives for improved taste and aroma.

Flora Nova Grow, Quart	FLO4012	\$ 27.50
Flora Nova Grow Gallon	FLO4013	\$ 87.50
Flora Nova Bloom Quart	FLO4015	\$ 27.50
Flora Nova Bloom Gallon	FLO4016	\$ 87.50

Bio Thrive Grow (4-3-3) provides plants with essential nutrients for roots, stems and foliage. Conceived from plant and mineral extracts, this pure and natural vegan formulation encourages beneficial microbial activity in the root zone. Ideal for all types of plants in all phases of growth and can be used with garden soils as well as potting mixes.

Bio Thrive Grow Quart	BIO1001	\$ 16.95
-----------------------	----------------	----------

The **B.C Hydroponic Nutrients** are a power-packed trio for nurturing generous vegetative crops and extraordinary floral growth. B.C Boost, B.C Bloom and B.C Grow are complete, professionally formulated, highly concentrated fertilizing agents. B.C Grow and B.C Bloom contain a full complement of micronutrients, which are bolstered by the added calcium and iron in B.C Boost. B.C Hydroponic Nutrients bring a balance of nutrients in proper form, assuring matchless growth and maximum yield. As well, minimal pH drift is assured, eliminating the need for constant adjustments. Growers can also greatly reduce cleaning time and expenditure, as Technaflora's B.C Hydroponic Nutrients allow only minimal salt build-up. This remarkable three-part fertilizer is easy to mix and control, with simple to follow mixing instructions printed on every label.

B.C. Grow Quart

BCG1000 \$ 16.81

B.C. Bloom Quart

BCG1001 \$ 16.81

B.C. Boost Quart

BCG1002 \$19.79

BioThrive Bloom is formulated to provide blooming plants with essential elements needed for superior blooms and harvests. The vegan formulation is pure and natural from organic sources. BioThrive Bloom promotes massive flowers and fruit and also encourages microbial activity in the growing media. It is ideal for both potting soil and soilless growing.

Bio Thrive Bloom Quart

BIO1002 \$ 16.95

Spray-N-Grow is not a fertilizer, hormone or hydroponic nutrient solution. Spray-N-Grow is a foliar micronutrient complex made up of naturally occurring elements that are essential for plant growth. Fertilizers and nutrient solutions provide your plants with major elements necessary for plant growth. Some contain a few additional elements. Spray-N-Grow provides your plants with essential minor elements (micronutrients) not provided by your hydroponic nutrient solution.

Spray-N-Grow 8 ounces

SPR9999 \$ 14.95

Nutrient Additives

Floralicious is an organic nutrient additive from the makers of the FloraSeries of nutrients designed to enhance yield, aroma, and flavor. Use Grow formula during vegetative stage for enhanced metabolic activity and vigorous growth. Use bloom formula during flowering for maximum flower size, flavor, color, and bouquet.

Floralicious Grow Quart

FLO4005 \$ 26.84

Floralicious Grow Gallon

FLO4006 \$ 80.50

Floralicious Bloom Quart

FLO4010 \$ 26.84

Floralicious Bloom Gallon

FLO4011 \$ 80.50

Greenfuse is a Dutch organic nutrient additive blend derived from plant oils and extracts. It is made in 3 formulas designed to provide supplementary plant proteins that are limiting factors for each stage of growth- rooting, vegetative growth, and blooming.

Greenfuse Root Quart
GRE4000 \$ 40.00
Greenfuse Grow Quart
GRE5000 \$ 40.00
Greenfuse Bloom Quart
GRE6000 \$ 40.00

Diamond Nectar contains liquid Fulvic acid in soluble form for Hydroponic or Soil applications. Used to treat roots and as a foliar feed, best used with soluble nutrients.

Diamond Nectar Quart
DIA1001 \$ 17.95
Diamond Nectar Gallon
DIA1000 \$ 46.00

Instagreen is a great foliar spray to “green up” yellowing plants- with N,Mg,Fe.

Instagreen Quart
INS0999 \$ 8.35

Liquid Karma is a great multi-faceted bio-catalyst plant growth stimulant designed to augment growth in soil or hydroponics when used in addition to standard nutrients. Use in every phase of growth, to prevent transplant shock, and to promote rooting of cuttings.

Liquid Karma Quart
LIQ1000 \$ 19.95
Liquid Karma Gallon
LIQ1001 \$ 59.95

Nitrozime is an organic marine algae extract containing the plant hormone cytokinin plus minerals and vitamins which all promote increased growth. Best used as a foliar spray.

Nitrozime 16 oz
NIT1001 \$ 32.00

Cal-Mag Plus is a calcium, magnesium, and iron nutrient supplement to correct deficiencies in soil or hydroponic nutrients lacking adequate amounts of these elements.

Cal-Mag Plus Quart
CAL3000 \$ 17.95
Cal-Mag Plus Gallon
CAL3001 \$ 44.95

Super Oxy is a 35% aqueous hydrogen peroxide solution that adds extra oxygen for thicker stems, larger leaves, tighter internodal spacing, and stronger roots. Great for increased disease resistance at 1-3 mL per gallon.

Super Oxy H2O2 32 oz
SUP4000 \$ 11.85

Superthrive is the world's most popular and widely used nutrient supplement- proven by over 60 years of use, contains 50 plant hormones and vitamins- eliminates transplant shock, provides extra vigor and growth, very concentrated.

Superthrive, 4 oz.

SUP5000 \$ 10.95

Superthrive Pint

SUP5001 \$ 34.95

Hydro-Gro Fertilizer is the ideal hydroponic fertilizer for any of the hydroponic kits or system. A one pound pack of our Hydro-Gro contains 8 ounces of the "A" mix, containing the major elements and micro-nutrients (trace elements), and 8 ounces of the B mix, which contains the Calcium Nitrate. The two components are mixed together in water to complete the nutrient formula.

A+B, 5 lbs (A- 2.5lbs, B- 2.5 lbs)

FER3018 \$ 19.50

Hydro-Gro A, 5 lbs

FER3022 \$ 24.99

Hydro-Gro A, 50 lbs

FER1000 \$142.00

Hydro-Gro B, 5 lbs

FER3025 \$ 7.00

Hydro-Gro B, 50 lbs

FER3014 \$29.95

Dry Nutrients

Indonesian Bat Guano is perfect for encouraging multiple blooms and hardy root growth and is phosphorus-rich (0.5-12-0.2). It is all natural, organic fertilizer and is suitable for use indoors and out. Indonesian Bat Guano restores a natural balance in the garden without increasing soil salt content or acidity and is safe for use around people and pets.

IND1001 \$ 7.95

Jamaican Bat Guano is phosphorus-rich (1-10-0.2) and gives blooming flowers and ripening fruits a boost by heightening root and bud development. Listed by the Organic Materials Review Institute (OMRI), Jamaican Bat Guano is safe for use indoors and out and is non-toxic to people and pets. Amend your soil with it, use it as a top dressing or create a "guano tea" and apply it directly to plant roots in a fortified water dilution.

JAM1000 \$ 8.95

Mexican Bat Guano is an excellent source of nitrogen and trace elements, (10-2-1) stimulates vegetation by substantially enhancing leaf growth and overall plant vigor. Listed by the Organic Materials Review Institute (OMRI), Mexican Bat Guano is safe for use indoors and out and is non-toxic to people and pets. Mexican Bat Guano can be tilled into soil, used as a top dressing or applied directly in a water dilution. Pair it with our high-phosphorus Jamaican or Indonesian Bat Guano for spectacular growing results.

MEX1000 \$ 6.95

Diamond Black is an organic form of Leonardite containing humic acids to increase micronutrient uptake. 35% humic acid. Organic, good for soil or hydroponic cultivation.

DIA2000 \$ 13.46

MaxiGro and **MaxiBloom** are extremely potent, stand-alone, water-soluble, dry concentrate nutrients. Complete in Primary, Secondary, and Micro Nutrients, pH buffered MaxiGro and MaxiBloom will provide superior results when used with a wide variety of crops in both hydroponic and soil-based environments. MaxiGro is used to encourage growth of seedlings and cuttings, and to stimulate rapid growth through the "vegetative" growth stage. MaxiBloom is used for the reproductive stage in fast growing annuals. MaxiBloom encourages prolific flowering and fruiting, and increases yields and crop quality.

MaxiGro 2.2 lbs.

MAX1001 \$15.31

MaxiBloom 2.2 lbs.

MAX1002 \$15.34

KoolBloom (formerly KaBloom) (2-45-28) is a ripening nutrient additive that gives plants an extra burst of production and fragrance when used during late flowering.

Kool Bloom 2.5 lbs,

KABLOOM \$ 29.40

Kool Bloom Quart Solution 0-10-10

KABLOOMQT \$ 21.77

Kool Bloom 1 Gallon Solution 0-10-10

KABLOOMG \$ 63.50

Cha Ching (1 lb.) won't leave a salty residue or buildup in your hydroponic system or containerized soil plantings. It contains all the essential elements like calcium, magnesium, boron, manganese, sulfur, molybdenum, iron, copper and zinc to support solid fruit on compact, stocky plants.

FOX9011 \$ 27.95

Beastie Bloomz is geared towards building enormous blossoms on your plants, with exceptionally brilliant color and long life. Just wait until you begin to see buds forming, and give 'em a shot of Beastie for a week or two. That's all it takes.

FOX9012 \$ 27.95

Open Sesame is a early-flowering formula designed to bring plants into bloom at your command. You decide when they bloom. Open Sesame delivers a specific micronutrient pack at just the right moment.

FOX9013 \$ 27.95

American Pride (9-6-6) is an all around plant food that is great for roses, tomatoes, and lawns. Contains fast and slow acting ingredients. Not completely organic.

American Pride 4lbs

FOX6000 \$ 11.95

Marine Cuisine (10-7-7), formulated from ocean by-products and low salt plant foods, contains fast and slow release nutrients and encourages beneficial soil microbe development which facilitate nutrient uptake. Not completely organic..

Marine Cuisine 4 lbs

FOX7000 \$ 11.95

High Phosphorus Bat Guano (0-4-0) with Mycorrhizae and Humic Acid is all organic, odorless, and encourages "spectacular flower set, sweeter fruit, and multiple bud set."

Peace of Mind High Phosphorus Bat Guano, 4 lbs

FOX9000 \$ 12.95

Steamed Bone Meal (3-15-0) for bulbs and flowers encourages abundant blossoms.

Peace of Mind Steamed Bone Meal, 4 lbs

FOX9010 \$ 8.95

Peace of Mind All-Purpose organic fertilizer (5-5-5) contains balanced fast and slow release nutrients and contains natural beneficial microorganisms. 100% organic.

Peace of Mind All-Purpose, 4 lbs

FOX9008 \$ 8.95

All natural organic **Premium Lawn Fertilizer** (9-3-7) gives quick green-up and slow release feeding, also inhibits common turf diseases.

Peace of Mind Premium Lawn Fertilizer, 4 lbs

FOX9009 \$ 6.30

Organic fertilizer for **Acid Loving Plants** (6-4-4) is formulated for azaleas, rhododendrons, strawberries, blueberries, raspberries- any acid loving plant.

Peace of Mind Fertilizer for Acid Loving Plants, 4 lbs

FOX9007 \$ 6.30

Peace of Mind **Rose Food** (4-4-5) is custom formulated to produce strong, vibrantly colored roses, organic, contains linoleic acid and micronutrients. 100% organic.

Peace of Mind Rose Food, 4 lbs

FOX9006 \$ 6.30

Organic **Bulb Food** (3-8-8) encourages long term blooming and disease resistance.

Peace of Mind Bulb Food, 4 lbs

FOX9005 \$ 6.30

Peace of Mind **Fruit & Flower** (5-8-4) is a good organic all around food for early growth, root development, and to encourage multiple bloom & bud set.

Peace of Mind Fruit & Flower, 4 lbs

FOX9004 \$ 6.30

Peace of Mind **Starter** fertilizer (3-4-3) is a gentle formula to encourage root development, great for transplanting as well as starting all plants. 100% organic.

Peace of Mind Starter Food, 4 lbs

FOX9003 \$ 6.30

Organic **Tomato & Vegetable** formula (7-4-5) produces abundant high quality fruit set and contains Calcium for buffering and increased disease resistance.

Peace of Mind Tomato & Vegetable Fertilizer, 4 lbs

FOX9001 \$ 8.95

pH Adjustment

It is critical to monitor the pH of your nutrient solution and keep it around 6-6.5. Otherwise plants will not absorb some nutrients and can get deficiencies even when all essential nutrients are present in the correct concentrations.

Blue Lab Combo Meter portable accurately measures pH and Temperature, checks EC,CF and ppm

Blue Lab Combo Meter

PHM3000 \$224.95

BlueLab Guardian Monitor

PHM3002 \$274.95

pH Control Kit comes with a basic liquid pH test kit and pint bottles of pH up and down

PHT4000 \$ 17.20

Basic pH Test Kit The cheapest way to monitor pH, not good with organic nutrients.

PHT3000 \$ 7.54

pH Test Strip kit, 100 strips, pH range 4-7, 1 color

PHK1020 \$ 30.00

pH lower by General Hydroponics, Quart:

HYD5000 \$ 10.76

pH lower by General Hydroponics, Gallon:

HYD5002 \$ 26.90

pH raise by General Hydroponics, Quart

HYD5001 \$ 10.76

pH raise by General Hydroponics, Gallon

HYD5003 \$ 26.90

METERS- pH, EC, TDS

Hanna Combo pH/EC/TDS meter, pen style

PHEC1000 \$148.00

Hanna Dist6 EC Meter, pen style

ECM1100 \$ 95.00

Hanna pHEP 4 Meter

PHT1000 \$ 82.00

Calibration solutions for pH meters. Calibrate your pH meter about once a month or as recommended by the manufacturer. Use 7.01 for basic calibration or do a 2-point calibration with 7.01 And 4.01 solutions.

Calibration solution pH 7.01, 8 oz.

CAL4007 \$ 7.54

Calibration Solution pH 4.01, 8 oz

CAL4005 \$ 7.54

PH Probe Clean Kit

PHM3100 \$ 24.95

EC Probe Clean kit

PHM3200 \$ 19.95

EC/TDS calibration solutions

Buffer 4 pint

PHB1000 \$ 18.00

Buffer 7 pint

PHB1004 \$ 18.00

Hydroponic System Cleaning and Plant Flushing Products

A clean system is a happy system. Flushing nutrients from plants before harvest improves flavor, especially when using chemically derived nutrients.

FloraShield from General Hydroponics is a plant and system rinse that is safe to use during all stages of growth.

Florashield, 32 oz

FLO4000 \$ 28.75

Clearex from Botanicare is a product for removing nutrient salt build-up in soil or hydroponic systems.

Clearex Quart

CLE1000 \$ 14.50

Clearex, Gallon

CLE1001 \$ 32.50

Florakleen, Gallon

FLO4100 \$ 23.00

Pest and Fungus Control

-NEW- **SM-90** is an all natural plant derived nontoxic product that prevents root and tissue disease caused by harmful fungi and bacterial pathogens, AND it works to prevent or eliminate most common insect pests, plus it smells very pleasant and citrus-y. We use it and highly recommend it for soil or hydro., both for foliar and root drench application.

SM-90 Litre

SM90 \$19.95

SM-90 4 Litre

SMG90 \$ 64.95

Don't Bug Me is an environmentally friendly insect spray from Foxfarm that kills harmful garden insect pests on contact with natural Pyrethrins from Chrysanthemums.

Don't Bug Me Spray 24 oz

FOX7000 \$ 11.95

Pyrethrum TR is a total release (fogger) insecticide derived from Chrysanthemums.

INS1011 \$ 20.00

3" x 5" **Yellow Sticky Cards** to control and monitor insects

STI2000 \$ 5.95

Hydroguard from Botanicare is a bio-fungicide water treatment for use in soil, hydro-, & aeroponic growing

Hydroguard Quart

HYD1000 \$ 13.95

Neem Oil, 100% Organic, 8 oz

NEE1000 \$ 9.95

TRAYS- for do it yourself Ebb and Flow systems

3'x3' white tray	TRA3002	\$114.95
2'x4' black tray	TRA3004	\$ 57.95
4'x4' black tray	TRA3005	\$ 95.95
4'x8' black tray	TRA3007	\$199.95
Dutch Leach Tray Kit with 2 elbows	LEA1000	\$ 12.95
Tray for Quantum Systems	QUA1000	\$ 17.00
Bato bucket with Elbows	BAT0001	\$ 6.50

RESERVOIRS

Lid 20 gallon	RES2000	\$ 37.25
Reservoir 20 gallon	RES2001	\$ 54.50
Lid 40 gallon	RES2002	\$ 50.95
Reservoir 40 gallon	RES2003	\$ 79.95
Reservoir and Lid, 20 Gallon	RES1998	\$ 91.50
Reservoir and Lid, 40 Gallon	RES1999	\$129.95

TIMERS

7 day digital 14 on/off cycles	TIM2008	\$ 36.45
Heavy Duty 3 prong Timer	TIM2005A	\$ 13.95

PUMPS

NK-1 Pump	PUM1000	\$102.00
NK-2 Pump	PUM2000	\$123.00
Maxi-jet 1000 ½" discharge 288 GPH	PUM1500	\$29.95
Maxi-jet 250 ½" discharge 78 GPH	PUM1501	\$18.95

5MSP Little Giant 1200 GPH 1 ¼" FPT
PUM3500 \$137.34
 Aqua 400, ½" discharge 400 GPH
PUM8000 \$ 26.95
 Pump Filter Bag
PUM9000 \$ 11.50

Parts for building your own growing system

Overflow Fitting for Ebb and Flow tray
EBB0001 \$ 6.50
 Fill and drain fitting for Ebb and Flow tray
EBB0002 \$ 4.60
 Feed Tube (5/3 spaghetti tube)
FEE0054 \$ 0.20
 Blue Tubing, ½", per foot
FEE0100 \$ 0.50
 Poly Pipe, .57" interior diameter, per foot
FEE2000 \$ 0.50
 ½" Insert Coupling
FEE2003 \$ 0.50
 ½" Insert Tee
FEE2005 \$ 0.90
 ½" Insert Elbow
FEE2006 \$ 0.90
 Aeroponic Sprayer, 360 degree
AER1005 \$ 0.75
 Line end 16 mm
FEE2002 \$ 0.50

Emitters for drip systems:

Pressure Compensated emitter, 2 gallons per hour (GPH)
EMI1000 \$ 0.50
 Pressure Compensated emitter, 6 GPH
EMI1002 \$ 0.50
 Pressure Compensated emitter, .5 GPH
EMI1002 \$ 0.50
 Pressure Compensated emitter, 1 GPH
EMI1004 \$ 0.50
 Emitter Nipple, 5mm
EMI1005 \$ 0.10
 Non-pressure Compensated emitter, .5 GPH
EMI1006 \$ 0.50
 Non-pressure Compensated emitter, 1 GPH
EMI1007 \$ 0.50
 Non-pressure Compensated emitter, 2 GPH
EMI1008 \$ 0.50

Barbed Stake Guide	STA1004	\$ 0.17
Stabilizer Pegs	STA1000	\$ 0.09
Plastic Poly line punch (for punching holes in ½ feed line for emitters elbows/tees/etc.)	PUN2000	\$ 12.50
Miracle Punch	PUN5000	\$ 19.95
Yellow Key Punch	PUN6000	\$ 1.00
Goof Plugs , 10(to plug holes made in the wrong spot)	GOO1000	\$ 1.00

Grommets:

¼” 6mm. grommet	GRO7000	\$ 0.54
½” 13mm. grommet	GRO7001	\$ 0.63
5/8” 16mm. grommet	GRO7002	\$ 0.63
¾” 19mm. grommet	GRO7003	\$ 0.90
Truss hook, J type, per 500	TRU7000	\$ 20.00

Arkal Mesh Strainer type filters:

¾” Arkal filter	STR1009	\$ 19.70
1” Arkal Filter	STR1010	\$ 66.00

POTS

Square Pot, 4.5”	SQU1001	\$ 0.37
Square Pot, 6”	SQU1002	\$ 1.20
5.5’ Square plastic pots, space saving, great for sea of green style	SQU1000	\$ 0.86
1 gallon Nursery Pot	NUR1000	\$ 0.70
2 gallon Nursery Pot	NUR1001	\$ 1.06
3 gallon Nursery Pot	NUR1002	\$ 1.25
4 gallon Nursery Pot	NUR1003	\$ 1.53
7 gallon Nursery Pot	NUR1004	\$ 2.55
Giant Square Pot. 18 Litre	GIA 1000	\$ 4.50

Rose Container Square, 6.5 Litre	ROS1000	\$ 2.95
2" Net Pots	NET1000	\$ 0.25
3.75" Net Pots	NET1007	\$ 1.39
6" Net Pots	NET1005	\$ 1.00
3" Net Pot G8R	NET2000	\$ 0.25
3" Net Cup GH	NET3000	\$ 0.35

White/Black Polyfilm is great to create or section off a grow area- white on the inside to reflect, black on the outside. Thick and tough!

White on black plastic film, 10'x100'
FIL0003 \$ 81.95

Fans, Air Duct Tubing

We recommend an oscillating fan to encourage plants to develop strong stalks and to prevent mold diseases.

16" Oscillating Wall Mount Fan
FAN0006 \$ 34.95

Special Order

Fans to exhaust unwanted heat and humidity from grow areas and to promote fresh air flow for healthy plants

Active Air 4" Inline Fan 165 CFM
FAN0007 \$109.95

Active Air 6" Inline Fan 400 CFM
FAN0008 \$144.95

Active Air 8" Inline Fan 720 CFM
FAN0009 \$184.95

CO2 Enrichment

Increasing the CO2 in the growing area will let the plant use the excess water and energy that is stored in the leaves. The result is a substantial increase (30-50%) in the growth rate of any plant. Enrichment should commence at sunrise or when photoperiod begins and refrain during darkness hours.

CO2 Test Kit for taking a simple manual air sample for CO2, 2 test tubes 1 syringe, instructions
COTEST \$ 14.95

Replacement tube for testing
COTUBE \$ 3.50

The **CO2 enhancement system** features a regulator for standard CO2 tanks, a timer and tubing.

CO2 enhancement system
CO22000 \$154.95

CO2 enhancement system, large
CO22001 \$ 159.95

Cloning gels are used to dip cuttings for asexual propagation, or "cloning". They contain varying concentrations of the active ingredient, the hormone Indole Butyric Acid (IBA). Use a **cloning solution** or a weak bloom nutrient solution to encourage root growth.

Clonex rooting gel is tried and true. .3% I.B.A.

Clonex cloning gel 100 mL
ROO1000 \$ 22.00
Clonex cloning gel 250 mL
ROO1003 \$ 45.00

Clonex Clone Solution is a nutrient and root promoter specially designed for fast and healthy cloning starts.

Clonex clone solution 1 quart
ROO1001 \$ 22.88

Olivia's Cloning Gel claims 90-100% success rates and is widely used. .5% I.B.A.

Olivia's Cloning Gel 4 oz
CLO2002 \$ 21.95

Olivia's Cloning Solution contains nutrients and .3% IBA to get clones rooted fast.

Olivia's Cloning Solution, Quart
CLO2001 \$ 12.95

Dip 'n Grow allows the rooting hormones to be absorbed into the cutting stem more evenly and easily, increasing rooting success over the leading powders. Proven formula that contains both rooting auxins recognized as root inducing (IBA and NAA). Alcohol is used as the solvent for the active ingredients so Dip 'n Grow is self-sanitizing. Cross-contamination problems are eliminated.

Dip 'n Grow, 2 oz
DIP1000 \$8.95

Dyna-Gro KLN vitamin-hormone solution promotes vigorous root growth, for propagating, air layering, transplant drenching for bare root stock and newly potted plants. Drench, dip or mist your plants with K-L-N to stimulate new root growth.

KLN1000 \$ 9.95

Hygrozyme is an organic enzyme formula that greatly speeds root development in cuttings. Use with root gel and clone solution for faster, bigger root & plant growth.

500 ML
HYG3002 \$ 21.95
1 Litre
HYG3000 \$ 36.95
4 Litre
HYG3001 \$135.25

Seed Trays fit the pads of rockwool starter cubes or use with inserts & any grow media.

Seed Tray without holes
TRA1101 \$ 1.70
Seed Tray with holes in bottom:
TRA1100 \$ 1.70
72 Hole Insert (fits inside TRA1101):
TRA0072 \$ 0.87
162 hole insert (fits inside TRA1101):
TRA1102 \$ 0.95

Web bottom seedling tray (fits inside TRA1101):

TRA1104 \$ 1.45

Humidity Domes fit on standard and rapid rooter starter trays and keep seedlings or clones moist until they develop root systems. We recommend using these and propagation mats for a fast healthy start with seeds or clones.

2.5" Humidity Domes

DOM3000 \$ 2.95

7" Humidity Domes

DOM6000 \$ 9.24

ODOR CONTROL

All the products below work by eliminating, not masking odor causing molecules.

Ozone Generator- 1000 Junior

OZN1000 \$209.70

Ozone Generator 3000 Standard

OZN1001 \$218.30

Ozone Generator 5000 Plus

OZN1002 \$231.10

CanFilter activated charcoal filter, 200 CFM max

CANFIL33 \$124.44

CanFilter activated charcoal filter, 412 CFM max

CANFIL66 \$193.32

CanFilter activated charcoal filter, 840 CFM max

CANFIL100 \$282.21

Can Flange 6" for 33/66/100 can filters

CANFLANGE \$ 15.55

MISCELLANEOUS

Bamboo Stakes, 25

BAM1000 \$ 2.95

Bonsai Precision Pruners

MIC3000 \$ 10.95

Tarp Zip-up, 7' (stick on tarp, cut, and you've got door!)

TAR1000 \$ 11.95

Trellis 4' wide plastic roll, per Ft

TRE1000 \$ 1.12

Vine Clips 100

VIN8000 \$ 10.00

Polytwine 1000 Ft

VIN4001 \$ 7.45

Mini Measuring 1oz. shot glass

MEA1101 \$ 3.59

Sweet Carbo Berry is all natural mineral supplements contains carbohydrates and essential secondary elements which are utilized for the bio-synthesis of crucial compounds to maintain optimal metabolism. Sweet Carbo Berry is scientifically formulated with carbohydrates for flavor and aroma enhancement. The unique chemical composition of Sweet Berry makes it beneficial during all phases of plant growth.

Sweet Carbo Berry 1qt
SWE1000 \$25.00

SugarDaddy is a revolutionary plant nutrition product that supplies essential carbohydrates and all twenty amino acids in a rapidly available from which greatly enhances the fragrance and essential oil production of flowers and fruits during all stages, and ensures continued rapid growth rates throughout the flowering stage as nitrogen levels in your fertilizer formulas are lowered. SugarDaddy is suitable for use in soil, soilless, and hydroponic based gardening mediums.

Sugar Daddy, Quart
SUG1000 \$ 23.55

Flora Nector contains all natural raw-cane sugar, molasses, malt syrup, select plant based esters, L-amino acids, polyflavonoids, vitamins and essential minerals. This unique blend of ingredients helps your plants regulate enzymes that trigger specific reactions involved in maintaining optimal metabolism. This allows your plants to achieve a balance between respiration and photosynthesis in high intensity growing environments where the rate of respiration can sometimes exceed the rate of photosynthesis.

Flora Nector 1 qt
FLO4101 \$ 21.00

Agri 2 Wetting agent helps plants absorb more sprayed on nutrients, and helps to moisten dry media for better water holding capability.

Agri 2 Wetting agent 8oz
AGR1000 \$ 14.12

Silver Edition easily surpasses its rivals through noticeable, intelligent, differences – better flaps around the door and the windows using Velcro to insure it is light-tight, steel poles and corners for real strength, higher quality outer material that won't rip, more sewing and material in crucial areas to help protect stress points, and more air vents to do as you wish. Completely control your plants atmosphere and light indoors.

Silver Edition Huts, 3' x 3'	\$249.99	Special Order
Silver Edition Huts, 2' x 4'	\$239.99	Special Order
Silver Edition Huts, 4' x 4'	\$349.99	Special Order
Silver Edition Huts, 4' x 8'	\$649.99	Special Order

ALL PRICES ARE SUBJECT TO CHANGE WITHOUT NOTICE!!