



# Grower's Almanac

"Grow or Die!"

Our Introduction to the World of  
Indoor & Outdoor Gardening

## 6th Edition

### In Austin

#### North

9407 N. IH 35  
(Rundberg Exit)  
512-832-8544

#### South

1516 S. Lamar  
(Between Riverside and Oltorf)  
512-443-2292

#### East Riverside

2007 E. Riverside  
(Between the Backroom and Club Localo)  
512-441-5555

#### Research

11657 Research  
(Duval Exit)  
512-502-9323

#### Stassney

727 W. Stassney  
(West of S. 1st Across from Sonic)  
512-707-9069

#### Cesar Chavez

3111 E. Cesar Chavez  
(East of Pleasant Valley at Tillery)  
512-247-2222

### In San Antonio

#### East

2138 Austin Hwy  
(Down from Perrin Beitel)  
210-654-8536

#### Evers

5619 Evers  
(Evers Exit off 410 West)  
210-521-5213

#### Central

1015 E. Mulberry  
(Off Broadway)  
210-822-7767

#### Military

2803 Goliad  
(I37 & S.E. Military)  
210-333-3043

#### West

11202 West Ave  
(West of Blanco)  
210-525-0708

#### San Marcos

910 N. IH 35  
(Exit 204 B South /205 North)  
512-392-4596

# DISCLAIMER

This almanac is intended to acquaint you with Planet K's selection of gardening equipment and supplies. Planet K believes that growing your own vegetables and flowers is both the economic and spiritually "better path". In no way should this almanac be misinterpreted as an attempt to encourage any kind of illegal activity.

All prices are subject to change without notice, and all items are subject to availability.

# SPECIAL ORDERS

We are happy to place special orders to fill your gardening needs. Delivery time is subject to availability. Backorders will be notified and can be exchanged or returned instead. All prices and rates are subject to change without notice.

See back page for order form.

# GROW BOOKS



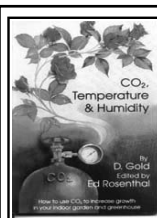
## HYDROPONIC GARDENING

by Raymond Bridwell

Written in a by the numbers and easy to understand format, this book makes a great starting point for anyone interested in Hydroponics.

#8328

\$12.95



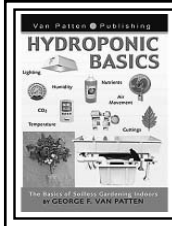
## CO2 TEMPERATURE & HUMIDITY

By Gold & Roesenthal

CO2 is easy to supply, inexpensive, non-combustible, safe to use, and produces astonishing results.

#9670

\$12.95



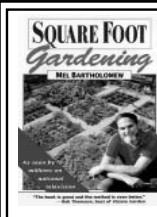
## HYDROPONIC BASICS MINI BOOK

by George Van Patten

Packed with 80 full color pages of how-to info for indoor hydroponics gardening. Covers plant growing media and hydroponics systems.

#52241

\$4.95



## SQUARE FOOT GARDENING

by Mel Bartholomew

Whether you have a tiny grow space or acres, this is your guide for maximizing your yield by the square foot.

#8606

\$19.95

\*Please visit our Book Department and see our selection of books about gardening organically, in soil, hydroponically, indoors and outdoors.

# RECOMMENDED VEGETABLES VARIETIES

Asparagus	Jersey Knight, Jersey Giant
Bean - Horticultural	French Horticultural, Butterpea, Dixie Speckled
Bean - Lima	Butterpea, Dixie White, Henderson Bush, Jackson Wonder, Thorogreen
Bean - Lima, Pole	Florida Speckled, Sieva Carolina (early)
Bean - Snap, Flat Pod	Greencrop Bush, Roma II
Bean - Snap, Green	Oval Pod Bush Blue Lake 274, Oval Pod Contender, Oval Pod Derby, Oval Pod Tendergreen, Oval Pod Topcrop
Bean - Snap - Pole	Blue Lake Pole, Jade, Kentucky Wonder, Yellow Goldcrop, Yellow Improved Golden Wax
Beet	Detroit Dark Red, Ruby Queen
Broccoli	Lucky, Green Magic, Packman, Premium Crop (AAS), Patron, Emerald Pride
Cabbage	Bravo, Blue Vantage, Rio Verde, Savoy King, Chinese Jade Pagoda, Chinese Michili
Cantaloupe (Muskmelon)	Ambrosia, Israeli, Cruiser, Caravelle, TAM Dew, TAM Uvalde, Imperator 58
Carrot - Fresh	Nantes, Purple/Maroon Dragon
Cauliflower	Snow Crown (AAS), Snowball YlImproved
Collards	Georgia Southern
Corn - Sweet	Kandy Korn, Silver Queen, How Sweet It Is, Merit , G-90
Cucumber - Pickling	Calypso
Cucumber - Slicer	Burpless, Dasher II, Poinsett 76, Sweet Slice, Sweet Success(AAS)
Eggplant	Black Beauty
Eggplant - Oriental	Ichiban
Kale	Dwarf Curled Vates
Kohlrabi	Early White Vienna, Grand Duke Hybrid(AAS)
Lettuce - Butterhead	Buttercrunch(AAS)
Lettuce - Leaf	Red Sails, Red Salad Bowl , Salad Bowl
Lettuce - Romaine	Paris Island
Mustard	Tendergreen
Okra	Clemson Spineless, Emerald, Lee ,Cajun Delight
Onion...Bulbing, Red Skin	Red Burgundy
Onion...Bulbing,	WhiteSkin ,White Granex(PRR*)
Onion...Bulbing, Yellow Skin	Granex
Onion...Bulbing, Yellow Skin	Granex 33 (PRR*)
Onion--Bulbing, Yellow Skin	Texas Grano 1015Y (PRR*)
Onion...Bulbing, Yellow Skin	Texas Grano 502(PRR*)
Onion...Bunching (Scallions)	Evergreen Bunching
Pea - Edible Podded	Dwarf Gray Sugar, Sugar Ann ,Sugar Bon, Sugar Snap (AAS)
Pea - English	Little Marvel , Wando
Pepper - Extremely Hot	Small Serrano, Small Cayenne
Pepper - Hot Chile	Anaheim Chili, Big Jim
Pepper - Hot Long,	Smooth Cayenne, Large Red Thick
Pepper - Very Hot	Habanero
Pepper - Hot Long, Smooth	Hungarian Wax
Pepper - Hot Short, Medium	Hot Jalapa
Pepper - Hot short, Medium	Hot Jalapeno
Pepper - Hot Short, Mild	TAMU Mild Jalapeno
Pepper - Mild Chile	TAMU Mild Chile-2
Pepper - Pimento	Pimiento
Pepper - Sweet Bell	Bell Tower, Big Bertha, Jupiter
Pepper - Sweet Long	Sweet Banana
Pepper - Sweet, Tapered,	Yellow Gypsy (AAS)
Pumpkin	Big Max or Big Mac , Connecticut Field, Jack O'Lantern, Jack-B-Little, Small Sugar, Spirit Hybrid
Radish	Champion , White Icicle
Rutabaga	American Purple Top
Southern Pea	California #5, Cream , Zipper Cream, Texas Pinkeye
Spinach	Samish, Malabar
Squash - Summer & Winter	Sweet Mama, Black Magic
Squash - Summer, White	Patty Pan or St. Pat
Squash - Summer, Yellow	Sunburst, Dixie, Multipik, Cougar , Zucchini Gold Rush
Squash - Winter Early	Butternut
Squash - Winter Table	Ace, King
Squash - Winter	Vegetable Spaghetti, Waltham Butternut
Sweet Potatoes	Beauregard
Swiss Chard	Lucullus, Bright Lights, Rhubarb Chard or Ruby
Tomato Early	Bingo , Carnival, Celebrity, Sunpride, Sunchief, SunLeaper, Amelia & Solar Fire, Florida 47 & 91, Top Gun
Tomato Small to Medium	Porter, Roma, Cherry & Grape, Red Cherry, Yellow Pear, Tomatillo
Tomato - Large	BHN444
Turnip Purple Top	White Globe
Turnip	Tokyo Cross
Watermelon	Allsweet, Black Diamond, Charleston Gray, Crimson Sweet, Jubilee, Tender sweet, Yellow Flesh
Watermelon - Hybrid	Jamboree, Sentinel, Ole
Watermelon - Small-fruited	Mickeylee
Watermelon - Seedless	Triple Crown, Tri-X 313, Millennium, Sweet Slice, Seedless SweetHeart

# SUGGESTED PLANTING DATES

## Suggested Vegetable Planting Dates

The trick to successful seeding is planning, starting the right seeds at the right time in the right conditions. Generally, the right time to start seeds depends on when the seedlings can be moved outside safely in your specific area. No matter which zone you garden in, there are plants that can be started indoors during the month of February, and moved outside before the end of May.

Average last spring freeze date - 3/15; Average first fall freeze date - 11/15

<b>Crop</b>	<b>Spring Planting Date</b>	<b>Fall Planting Date</b>
Asparagus	2/1 - 3/15	N.R.
Beans, Bush	3/15 - 4/15	8/1 - 9/1
Beans, Pole	3/15 - 4/15	8/1 - 9/1
Beans, Lima	3/15 - 4/1	7/15 - 8/15
Beets	2/1 - 4/1	9/1 - 10/15
Broccoli	3/1 - 3/15	8/1 - 9/15
Brussels Sprouts	N.R.	8/1 - 10/1
Cabbage (plants)	2/1 - 3/1	8/15 - 9/15
Cabbage Chinese	2/1 - 2/15	8/15 - 9/15
Carrots	2/1 - 2/15	8/15 - 10/15
Cauliflower	2/15 - 3/1	8/15 - 9/15
Chard, Swiss	2/15 - 4/1	8/1 - 10/15
Collard/Kale	2/1 - 2/15	8/15 - 10/1
Corn, Sweet	3/1 - 4/1	8/1 - 8/15
Cucumber	3/15 - 4/15	8/1 - 9/1
Eggplant	4/1 - 4/15	7/15 - 8/1
Garlic	1/15 - 2/15	9/1 - 10/15
Kohlrabi	2/1 - 3/1	8/15 - 9/15
Lettuce	2/1 - 3/1	9/15 - 10/15
Muskmelon (Cantaloupe)	3/15 - 5/1	7/15 - 8/1
Mustard	2/1 - 3/1	9/15 - 10/15
Okra	4/15 - 7/1	
Onion	2/1 - 3/1	N.R.
Parsley	N.R.	8/15 - 10/1
Peas, English	1/15 - 2/15	9/1 - 9/15
Peas, Southern	4/15 - 6/1	7/1 - 8/1
Pepper	4/1 - 4/15	7/1 - 8/1
Potatoes (Irish)	2/1 - 2/15	8/15 - 9/15
Potatoes (Sweet)	4/1 - 5/15	N.R.
Pumpkin	4/1 - 5/15	7/1 - 8/1
Radish	2/1 - 4/1	9/15 - 10/15
Spinach	2/1 - 3/1	9/1 - 10/15
Squash, Summer	3/15 - 4/15	7/15 - 8/15
Squash, Winter	4/1 - 4/15	7/1 - 7/15
Tomato	3/15 - 4/1	7/15 - 8/1
Turnips	2/1 - 3/1	10/1 - 11/1
Watermelon	3/15 - 5/1	7/1 - 8/1
Watermelon (Seedless)	3/25 - 5/1	7/1 - 8/1

# HYDROPONICS

## Why does Hydroponics work so well?

The advantage of a hydroponically-based system is that it is versatile and can be adapted to any environment. You can easily nurture an indoor garden so that it flourishes with a simple, inexpensive system and expand as your new hobby grows.

That's simply, if you give a plant exactly what it needs, when it needs it, in the amount that it needs it in, the plant will be as healthy as is genetically possible. With hydroponics, this is an easy task, in the soil it can be almost impossible.

With hydroponics the plants are grown in an inert growing medium, the plants do not get anything from the growing medium. The plants receive only what you give them, nothing more, you have complete control over pH, nutrients and the nutrient strength. In the soil you really have no idea what the plants are getting, so gardening becomes a big guessing game. How much nutrient does the soil contain? What about the essential micro-nutrients? Should I fertilize? How much do I apply? How much of what I applied was washed away by the last watering or rain storm? The questions go on and on. Unless you have a very expensive soil analysis run, you just don't know, you have to guess.



### WaterFarm

The WaterFarm Module includes a high-impact, four-gallon plastic reservoir, two-gallon growing chamber, and pumping column drip ring. Does not include the Flora Kit nutrients, pump, water level indicator or growing medium normally sold with the WaterFarm system.

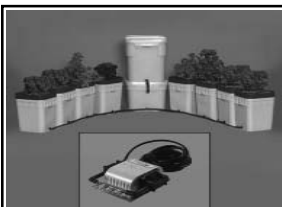
RP #	ITEM	PRICE
#32686	WATER FARM SYSTEM 1 HYDROSYSTEM	\$65.95



### Oasis Self-Watering System:

Oasis Self-Watering System Capable of watering up to 20 plants for up to forty days, the Oasis Self-Watering System takes over when you aren't available. The Oasis automatic watering system has a 26-quart holding tank that lets it operate without being connected to a water source. One 9-volt battery (not included) powers it for up to a year.

RP #	ITEM	PRICE
#4584	OASIS SELF WATERING SYSTEM	\$119.00



### WaterFarm Controller Kit

The WaterFarm Controller Kit comes with a Standard Controller, three-part Flora nutrient kit, a dual-diaphragm air pump, and all the necessary tubing. This versatile kit can be arranged to fit most spaces, packed close together for small spaces or spread out to accommodate larger plants. It's an excellent option for any grower.

RP #	ITEM	PRICE
#48313	WATER FARM CONTROLLER COMPLETE	39.97

# LIGHTING SYSTEMS

## Lighting Tips

HID Light Output	Primary Growing Area	Supplemental Growing Area	Hanging Height
250 watts	3' x 3'	5' x 5'	2' to 3' from top of plant
400 watts	5' x 5'	8' x 8'	4' from top of plant
1000 watts	8' x 8'	12' x 12'	4' to 6' from top of plant

How long should lights run? This depends on the type of plant. Most plants and vegetables need about 10 to 12 hours of light to promote growth. Plants that produce fruits or flowers will show improvement with up to 16 hours a day of supplemental light.

### Max Tube 2 Way Systems 1000 Watt



Great for confined spaces, the dual-lamp 60" Max Tube features a six-inch diameter and optional external reflector that can be left off should gardeners decide to position the Max Tube vertically. The Max Tube comes pre-wired with a 120 volt high-quality power cord and adjustable socket assemblies to permit customized lamp positioning within the tube. (A 240 volt cord maybe ordered)

RP #	ITEM	PRICE
#823	MAXTUBE 18" 1000 WATT H.P.S. 2 WAY SYSTEM	\$449.95

### Sunleaves Pulsar Two-Way Mini 400 Watt



The Sunleaves Pulsar Two-Way Mini is a self-contained lighting system that accommodates both high pressure sodium and metal halide lamps. Gardeners can have the power to provide the proper spectrum of light from seed to harvest in one unit just by flicking a switch. The Pulsar Two-Way Mini 400-watt features a faceted polished aluminum interior, built-in HID ballast, eight-foot power cord and hanging hardware. System dimensions are 20 1/4" x 13" x 7".

RP #	ITEM	PRICE
#820	PULSAR MINI 400 WATT M.H. 2 WAY SYSTEM	\$289.95

# CONVERSION BULBS

## Conversion Bulb Lighting Tips

Conversion bulbs are effective in promoting both vegetative growth and flowering. Conversion bulbs use your existing ballasts (either HPS or HPS) to convert Metal Halide to HPS or HPS to Metal Halide minimizing conversion costs.

### Hortilux Conversion Bulbs



Hortilux conversion bulbs are used to convert Metal Halide Systems to High Pressure Sodium Systems and High Pressure Sodium Systems to Metal Halide Systems. Although these bulbs are expensive, they can give a gardener lots of flexibility.

RP #	ITEM	PRICE
#4109	1000 WATT SODIUM CONVERSION BULB	\$210.00
#4108	400 WATT SODIUM CONVERSION BULB	\$95.00
#4427	250 WATT SODIUM CONVERSION BULB	\$90.00

# METAL HALIDE BULBS

## Metal Halide Lighting Tips

Metal Halide - MH

Metal halide bulbs produce an abundance of light in the blue spectrum. This color of light promotes plant growth and is excellent for green leafy growth and keeping plants compact. It is the best type of light to be used as a primary light source (if no or little natural sunlight is available). The average lifespan is about 10,000 cumulative hours.



### Metal Halide Bulbs

These metal halide lamp can be used only with a HID ballast, and can be mounted either horizontally or vertically.

RP #	ITEM	PRICE
#4106	1000 WATT METAL HALIDE BULB	\$70.00
#4105	400 WATT MH VERTICAL/HORIZONTAL BULB	\$44.95

# HIGH PRESSURE SODIUM BULBS

## High Pressure Sodium Lighting Tips

High pressure sodium bulbs emit an orange-red glow. This band of light triggers hormones in plants to increase flowering/budding in plants. They are the best grow lights available for secondary or supplemental lighting (used in conjunction with natural sunlight). This is ideal for greenhouse growing applications. Not only is this a great flowering light, it has features that make it a more economical choice. Their average lifespan is twice that of metal halides.



### Sunleaves OptiLUME HPS Lamp

The efficient 400-Watt Sunleaves OptiLUME High Pressure Sodium Lamp emulates natural sunlight and promotes bud set, flower formation, and fruit and vegetable production as it distributes light energy concentrated in the red-orange portion of the spectrum. Universal design allows horizontal and base up operation while assuring dependable performance. This high-output OptiLUME lamp emits 50,000 initial lumens and works with most 400-watt high pressure sodium and two-way HID systems.

RP #	ITEM	PRICE
#4910	400 WATT OPTILUME H.P.S. BULB	\$44.95



### SolarMax High Pressure Sodium Lamps

All SolarMax lamps are manufactured in Germany by an ISO certified factory with over 40 years experience in HPS and MH lamp technology, ensuring high quality and optimized performance. SOLARMAX grow lamps are designed with the grower in mind. Reduced lamp sizes fit most horticultural lighting fixtures. Custom tailored spectral distributions for highest output.

RP #	ITEM	PRICE
#51720	1000 WATT SOLAR MAX HPS BULB	\$110.95

# GROW MEDIUM

## Soil Tips

In general, most plants grow by absorbing nutrients from the soil. Their ability to do this depends on the nature of the soil. Depending on its location, a soil contains some combination of sand, silt, clay, and organic matter. The makeup of a soil (soil texture) and its acidity (pH) determine the extent to which nutrients are available to plants.

Soil texture affects how well nutrients and water are retained in the soil. Clays and organic soils hold nutrients and water much better than sandy soils. As water drains from sandy soils, it often carries nutrients along with it. This condition is called leaching. When nutrients leach into the soil, they are not available for plants to use.



## BACCTO® Premium Potting Soil

Featuring a fertilizer package consisting of both starter and slow-release fertilizers, BACCTO® Premium Potting Soil is ideal for use right out of the bag as a general-purpose potting soil.

RP #	ITEM	PRICE
#9881	BACCTO POTTING SOIL - 8 QUART	\$4.95



## Thunder Head Potting Soil

It's Alive! This superb potting soil is alive with beneficial microorganisms. It will grow: All House Plants, Cactus, Succulents, excellent for tomatoes and a wide variety of garden plants.

RP #	ITEM	PRICE
#18299	THUNDER HEAD POTTING SOIL	\$9.95



## 8-16 MM GroRox Hydroton

Hydroton is a clay aggregate manufactured exclusively at high-temperature kilns in Germany and is best suited for growing larger plants, like tomatoes, peppers, and banana trees. It holds water extremely well and transmits it effectively to the plant roots.

RP #	ITEM	PRICE
#33092	8-16MM GROROX HYDROTON - 50 LITER	\$39.95
#33091	8-16MM GROROX HYDROTON - 9 LITER	\$15.95



## Sunleaves Classic Coir Brick

Sunleaves Classic Coir Brick is a compressed coconut-fiber growing medium that expands to approximately 1/3 cubic foot when soaked in water. Listed by the Organic Materials Review Institute (OMRI), this renewable resource is pH-neutral and retains air and moisture extremely well.

RP #	ITEM	PRICE
#32688	COCOPEAT BRICK	\$29.95



## FytoCell Grow Medium

FytoCell is the new hydroponic soil-less growing media. Your Perfect Medium™ made in Australia. FytoCell gives enhanced performance and better crops that can increase your yield. Environmentally friendly, 100% biodegradable.

RP #	ITEM	PRICE
#2904	FYTOCELL GROW MEDIUM - 6 LITER BAG	\$9.95

# SOIL ADDITIVES



## Peruvian Seabird Guano

With absolutely no chemical additives, Sunleaves Peruvian Seabird Guano (10-10-2) offers the highest quality in organic fertilization and is even certified by the Organic Materials Review Institute (OMRI).

RP #	ITEM	PRICE
#43180	PERUVIAN SEABIRD GUANO - 2.2 LB.	\$8.95



## Mexican Bat Guano

High nitrogen Sunleaves Mexican Bat Guano (10-2-1) brings important nutrients to plants and adds active micro-organisms to soil. These tiny organisms unlock nutrients bound up in the soil and break down the compounds in the guano.

RP #	ITEM	PRICE
#48312	MEXICAN BAT GUANO - 1 LB. BAG	\$5.95

# CONTAINERS



## Flex Net Pot

Flex Net Pots are just the right size for starting seedlings and propagating cuttings. They can accommodate most types of media including 1" rock wool cubes, Oasis cubes, Super Starter plugs, Hydroton, peat pellets and more. These pots are a great way to start plants and bring smaller plants or herbs to maturity.

RP #	ITEM	PRICE
#42121	3" LONG LIFE NET CUP	\$1.25
#42122	5.5" LONG LIFE NET CUP	\$1.75



## Sunleaves 3" RootPot

Plant roots easily penetrate the durable, fibrous construction of Sunleaves Square RootPots. Made from natural byproducts of the coconut industry, these four-inch square RootPots are perfect for use in hydroponic systems. RootPots also serve soil gardeners well as earth-friendly alternatives to plastic and peat pots. 12 per pack; 90 packs per case.

RP #	ITEM	PRICE
#3052	SUNLEAVES 3" ROOTPOT - 20 PACK	\$6.95



## Sunleaves Grow Bags

Sunleaves Black and White Poly Grow Bags are black on the inside and white on the outside to reflect light back to the plants while maintaining healthy root temperatures. These bags are fluted, stand upright when filled with growing medium and have pre-punched bottom holes for thorough drainage. Three-gallon bags measure 6.5" x 13" x 7.5".

RP #	ITEM	PRICE
#3056	SUNLEAVES 3 GAL. GROW BAGS - 10 PACK	\$3.95

# ACCESSORIES

## Sunleaves Mylar 2-Mil



Acting as a thin mirror, Sunleaves Mylar reflects nearly 98 percent of available light back to plants where it belongs. This metallic film can be taped or tacked directly to a flat surface or wall. This two-mil Mylar is suited for most indoor garden applications. Each roll is four feet wide. This is a 50' roll.

RP #	ITEM	PRICE
#2168	MYLAR 4' X 50' ROLL 2-MIL	\$39.95

## Reflective wall covering tips:

Other material you can use include:  
flat white paint(reflects 85-90% of the light)  
aluminum foil (reflects 70-75% of the light)

## Carbon Dioxide Regulator



Connect the Carbon Dioxide Regulator to a bottled CO2 system to maintain optimum CO2 levels in their indoor garden. The Carbon Dioxide Regulator features an easy to adjust CO2 flow meter, pre-set regulator and solenoid valve. Use the Carbon Dioxide Regulator with a digital CO2 controller or a timer for best results. Adjustable flow rate from .5 to 15 cubic feet per hour.

RP #	ITEM	PRICE
#42813	CO2 REGULATOR AND SELENOIDE VALVE	\$225.00

## Sunleaves Measuring Cups



These versatile measuring glasses come three to a pack and measure teaspoons, tablespoons, milliliters and ounces. Includes one each, red, white and blue glasses in a reusable package.

RP #	ITEM	PRICE
#3055	SUNLEAVES MEASURING CUPS - 3 PACK	\$10.95

## Trigger Spray Bottles



The perfect little sprayer for around the house.

RP #	ITEM	PRICE
#32280	TRIGGER SPRAY BOTTLES - MISC. SIZES	\$2.50

# INSECTICIDES



## CB Clean Air Purge III contains: Purge III

0.975% Pyrethrins 1.950% PBO, technical 3.050% N-Octyl bicycloheptene dicar-bimoxide. Guaranteed effective 24 hours a day for a full 30 days. Kills and repels Flies, Mosquitoes, Gnats and small Flying Moths

RP #	ITEM	PRICE
#17015	PURGE III INSECT KILLER	\$15.95



## Pyrethrum Bombs Pyrethrum TR

Pyrethrum Bombs Pyrethrum TR is a ready-to-use, ultra low volume insecticide fogger. It effectively controls aphids, fungus gnats, mites and whiteflies, along with numerous other secondary insect pests.

RP #	ITEM	PRICE
#4562	PYRETHRUM BUG BOMBS	\$16.95



## Safer Soap Spray

An insecticide soap used inside or outside, kills aphids, mealybugs, whiteflies, and mites on foliage plants, flowers, shrubs, trees, vegetables, fruits and nuts in and around homes and home greenhouses.

RP #	ITEM	PRICE
#39259	SAFER SOAP SPRAY BOTTLE - 32 OUNCES	\$7.95A



## Zero Tolerance Pesticide-Fungicide

It repels pests from your plants before they move in, and kills existing infestations. Zero Tolerance is effective on mites, aphids, scale, whiteflies, caterpillars, root aphids, powdery mildew, gray and white fungus. It is safe for use on vegetables and can even be used for pests in your kitchen.

RP #	ITEM	PRICE
#2905	ZERO TOLERANCE HERBAL PESTICIDE	\$19.95



## Odor Killer Gel

Made of all-natural essential oils that are approved for use by the EPA and USDA. Odor Killer safely eliminates smoke, food, and biological odors. Odor Killer creates a neutral atmosphere where objectionable odors have been removed. Simply open the gel containers and gel goes to work.

RP #	ITEM	PRICE
#40652	ODOR KILLER GEL - 1 PINT	\$21.95



## Odor Killer Spray

Made of all-natural essential oils that are approved for use by the EPA and USDA. Odor Killer safely eliminates smoke, food, and biological odors. Odor Killer creates a neutral atmosphere where objectionable odors have been removed.

RP #	ITEM	PRICE
#40653	ODOR KILLER SPRAY - 1 PINT	\$14.50
#41058	ODOR KILLER REFILL - 1 QUART	\$16.95

# CLONING

## Fiskar Soft Touch Floral Snips



Patented ergonomic handles designed for maximum comfort. Stainless steel blades resist rust. Micro-tip blade design for precise trimming and shaping.

RP #	ITEM	PRICE
#9885	FLORAL SNIPS FISKARS	\$14.95

## Sunleaves Super Starter Plug



Your clients will love these amazing plugs! Super Starter Grow Plugs may be the next revolution in soilless culture. They maintain a perfect air-to-water ratio and retain water incredibly well. These bioactive plugs are made using a proprietary composting process and are just the thing seedlings love.

RP #	ITEM	PRICE
#50042	SUNLEAVES STARTER PLUGS - 55 COUNT	\$24.95
#3054	SUNLEAVES STARTER PLUGS - 6 COUNT	\$4.95

## Sunleaves Float & Grow



Great for starting seeds and clones, the Sunleaves Float & Grow includes a standard flat and a reusable Styrofoam insert with 55 earth-friendly Sunleaves Super Starter Plugs. All-natural Super Starter Plugs retain a perfect air-to-water ratio which maximizes water retention and nutrient exposure to give plants the best start possible. The Float & Grow measures 21" x 10 3/4" x 2 1/2".

RP #	ITEM	PRICE
#3051	SUNLEAVES FLOAT & GROW TRAY	\$39.95

## Professional Jiffy Greenhouse



All-natural Jiffy-Pots® and Pellets® are made of 100% biodegradable Sphagnum peat moss and wood pulp. The pellets also contain a minor fertilizer charge plus lime to correct the acid pH of peat moss. Reduce transplant shock with Jiffy-Pots®. The Jiffy Professional Greenhouse 72 contains 72 Jiffy-7 Pellets® compactly packaged in a reusable domed tray.

RP #	ITEM	PRICE
#3050	JIFFY PRO 72 SITE GREENHOUSE	\$19.95





## Olivia's Clonig Gel

A professional strength, easy / ready to use propagation gel. Just cut, clip & grow! Stimulates root development for all types of plants. Can be used for all stem, leaf, soft wood, semi-hard and some hardwood cuttings. Seals cutting & reduces transplant shock.

RP #	ITEM	PRICE
#41059	OLIVIA'S CLONING GEL - 4 OUNCES	\$21.95



## Olivia's Cloning Solution

Olivia's products stimulate rapid root development, feed new cuttings as they root, and eliminate transplant shock for plants both indoors or outdoors. Olivia's Cloning Solution is used to fertilize cuttings for the first couple of weeks, until they have established a healthy set of roots.

RP #	ITEM	PRICE
#4451	OLIVIA'S CLONING SOLUTION - 1 QUART	\$11.50

# NUTRIENTS

## Nutrients & Plant Needs

### Nitrogen (N)

- \* Nitrogen is a part of all living cells and is a necessary part of all proteins, enzymes and metabolic processes involved in the synthesis and transfer of energy.
- \* Nitrogen is a part of chlorophyll, the green pigment of the plant that is responsible for photosynthesis.
- \* Helps plants with rapid growth, increasing seed and fruit production and improving the quality of leaf and forage crops.
- \* Nitrogen often comes from fertilizer application and from the air (legumes get their N from the atmosphere, water or rainfall contributes very little nitrogen)

### Phosphorus (P)

- \* Like nitrogen, phosphorus (P) is an essential part of the process of photosynthesis.
- \* Involved in the formation of all oils, sugars, starches, etc.
- \* Helps with the transformation of solar energy into chemical energy; proper plant maturation; withstanding stress.
- \* Effects rapid growth.
- \* Encourages blooming and root growth.
- \* Phosphorus often comes from fertilizer, bone meal, and super phosphate.

### Potassium (K)

- \* Potassium is absorbed by plants in larger amounts than any other mineral element except nitrogen and, in some cases, calcium.
- \* Helps in the building of protein, photosynthesis, fruit quality and reduction of diseases.
- \* Potassium is supplied to plants by soil minerals, organic materials, and fertilizer.

### Calcium (Ca)

- \* Calcium, an essential part of plant cell wall structure, provides for normal transport and retention of other elements as well as strength in the plant. It is also thought to counteract the effect of alkali salts and organic acids within a plant.
- \* Sources of calcium are dolomitic lime, gypsum, and super phosphate.

# NUTRIENTS

## Magnesium (Mg)

\* Magnesium is part of the chlorophyll in all green plants and essential for photosynthesis. It also helps activate many plant enzymes needed for growth.

\* Soil minerals, organic material, fertilizers, and dolomitic limestone are sources of magnesium for plants.

## Sulfur (S)

\* Essential plant food for production of protein and chlorophyll formation..

\* Promotes activity and development of enzymes and vitamins and improves root growth and seed production.

\* Helps with vigorous plant growth and resistance to cold.

\* Sulfur may be supplied to the soil from rainwater. It is also added in some fertilizers as an impurity, especially the lower grade fertilizers. The use of gypsum also increases soil sulfur levels.



### Alaska Mor-Bloom

Formulated to give you the most dazzling flowers and the tastiest veggies in the neighborhood, Alaska Mor-Bloom (0-10-10) provides your plants with the necessary phosphorus and potassium to stimulate budding and blooming. Use one tablespoon per gallon of water to encourage budding in flowers, vegetables and houseplants.

RP #	ITEM	PRICE
#8076	ALASKA MOR-BLOOM - QUART	\$6.95



### B'CuZZ Bio-NRG Bloom-C

B'CuZZ Bio-NRG Bloom-C brings the full potential of your plant's flowering phase to fruition. Use Bloom-C for an optimal result in combination with other B'CuZZ nutrients. B'CuZZ Bio-NRG can be used on all types of substrate. EC for most hydroponic applications lies between 1.0 and 2.0 mS/cm<sup>2</sup>, CF between 10 and 20, PPM between 700 and 1400. Target PH for almost all hydroponic applications is between 5.5 and 6.3.

RP #	ITEM	PRICE
#4929	B'CUZZ BIO NRG BLOOM NUTRIENTS - 1 LITER	\$16.95



### B'CuZZ Bio-NRG Flavor

B'CuZZ Bio-NRG Flavor is a taste improvement agent. B'CuZZ Bio-NRG will enhance the flavor of the final fruits or vegetables. Add from the 4th week of flowering. Use Flavor for an optimal result in combination with other B'CuZZ nutrients. EC for most hydroponic applications lies between 1.0 and 2.0 mS/cm<sup>2</sup>, CF between 10 and 20, PPM between 700 and 1400.

RP #	ITEM	PRICE
#4931	B'CUZZ BIO NRG FLAVOR NUTRIENTS - 1 LITER	\$17.95



### B'CuZZ Bio-NRG Growth-C

B'CuZZ Bio-NRG Growth-C (2-2-5) is a hybrid vegetative liquid plant nutrient. B'CuZZ Bio-NRG enhances green growth in all plants. Use Growth-C in conjunction with other B'CuZZ nutrients. B'CuZZ Bio-NRG Growth-C can be used in all types of substrate. EC for most hydroponic applications lies between 1.0 and 2.0 mS/cm<sup>2</sup>, CF between 10 and 20, PPM between 700 and 1400. Target PH for almost all hydroponic applications is between 5.5 and 6.3.

RP #	ITEM	PRICE
#4930	B'CUZZ BIO NRG GROW NUTRIENTS - 1 LITER	\$16.95

## Clearex Salt Leaching Solution



Clearex is a scientifically formulated isotonic drench solution, which effectively binds with the excess nutrient salt and safely leaches it from the soil. Leaching with tap or deionized water can lead to hyponic conditions which cause cell lysis with outflow of essential electrolytes and nutrients. This causes tissue damage leading to serious pathogen disorders such as bacterial and fungal infections. Clearex is isotonic, therefore, it creates a safe osmotic environment which allows plant cells to maintain an optimal turgor pressure during treatment.

RP #	ITEM	PRICE
#43926	CLEAREX - 1 GALLON	\$32.95
#43886	CLEAREX - 1 QUART	\$14.95

## Advanced Nutrients Grow



Advanced Nutrients Grow, Micro and Bloom can be combined to provide specialized nutrients for plants in structural, foliar and blooming stages. Formulas can be custom mixed for specific applications by combining the 3 components to suit the needs of your plants particular growth phase.

RP #	ITEM	PRICE
#123	AN GROW NUTRIENTS - 1 LITER	\$13.95

## Advanced Nutrients Bloom



Advanced Nutrients Grow, Micro and Bloom can be combined to provide specialized nutrients for plants in structural, foliar and blooming stages. Formulas can be custom mixed for specific applications by combining the 3 components to suit the needs of your plants particular growth phase.

RP #	ITEM	PRICE
#124	AN BLOOM NUTRIENTS - 1 LITER	\$13.95

## Advanced Nutrients Micro



Advanced Nutrients Grow, Micro and Bloom can be combined to provide specialized nutrients for plants in structural, foliar and blooming stages. Formulas can be custom mixed for specific applications by combining the 3 components to suit the needs of your plants particular growth phase.

RP #	ITEM	PRICE
#52680	AN MICRO NUTRIENTS - 1 LITER	\$16.95

## Advanced Nutrients Liquid Carbo Load



Derived from both simple and complex carbohydrates that exactly matches a plant's carbohydrates profile. Specifically designed to boost the yield during the critical flowering period when plants use up their carbohydrate reserve to produce fruit.

RP #	ITEM	PRICE
#4713	CARBO LOAD HYDROPONIC NUTRIENTS	\$21.95



## Advanced Nutrients Final Phase

Advanced Nutrients Final Phase is scientifically designed to assist in the flushing of accumulated nutrients in flowers and leaves. In various herb crops where taste and texture is important, Final Phase removes the chemical residue giving a better taste.

RP #	ITEM	PRICE
#158	FINAL PHASE PLANT FLUSH - 1 LITER	\$19.95



## Advanced Nutrients Mother Earth Tea Grow

Mother Earth blended organic Super Tea Grow provides your plants with many of the natural supplements, nutrients, and vitamins that are not available to plants when using today's man made chemical fertilizers. Mother Earth Super Tea bridges that gap to provide all the missing elements as well as beneficial bacteria your plants need for strong sustained Grow production. Mother Earth Super Tea Grow enhances fragrance, taste and oil production of flowers and fruits.

RP #	ITEM	PRICE
#4487	MOTHER EARTH TEA GROW NUTRIENTS	\$21.95



## Advanced Nutrients Mother Earth Tea Bloom

Advanced Nutrients Mother Earth blended organic Super Tea Bloom provides your plants with many of the natural supplements, nutrients, and vitamins that are not available to plants when using today's man made chemical fertilizers. Mother Earth Super Tea bridges that gap to provide all the missing elements as well as beneficial bacteria your plants need for strong sustained bloom production. Mother Earth Super Tea Bloom enhances fragrance, taste and oil production of flowers and fruits.

RP #	ITEM	PRICE
#4710	MOTHER EARTH TEA BLOOM NUTRIENTS	\$21.95



## Advanced Nutrients Iguana Juice Bloom

Dr. Hornby does it again with his brand new 100% organic one part liquid bloom nutrient that is fully soluble. Dr. Hornby's Iguana Juice has been thoroughly field tested and proven to give exceptional yields. The yields were so impressive they came very close to our legendary 2+ formula. When put up against other competitors organic nutrients Iguana Juice clearly beat all of them hands down.

RP #	ITEM	PRICE
#126	IGUANA JUICE BLOOM - 1 LITER	\$37.95



## Advanced Nutrients Iguana Juice Grow (3-1-3)

Dr. Hornby does it again with his brand new 100% organic one part liquid grow nutrient that is fully soluble. Dr. Hornby's Iguana Juice has been thoroughly field tested and proven to give exceptional growth during the plants important vegetative cycle. The growth during the vegetative cycles was so impressive it came close to our legendary 2+ formula. When put up against other competitors organic nutrients Iguana Juice clearly beat all of them hands down.

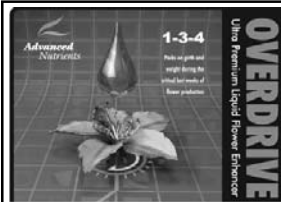
RP #	ITEM	PRICE
#125	IGUANA JUICE GROW - 1 LITER	\$37.95



## Advanced Nutrients JumpStart Cutting Accelerator

JumpStart Cutting Accelerator enables your cuttings to have a much higher survival rate. With explosively faster rooting time and stronger overall development, JumpStart gives your cuttings the charge they need. JumpStart contains essential nutrients, natural hormones, and special vitamin supplements that cuttings need during the very critical hours and days immediately after being taken. JumpStart can be used effectively as a foliar spray prior to initial rooting development.

RP #	ITEM	PRICE
#4715	JUMPSTART ACCELERATOR NUTRIENTS - 1 LITER	\$18.95



## Advanced Nutrients Overdrive

Overdrive is an ultra premium flower booster with an extremely extensive and very complex array of phosphorus and potassium sources. Hormones and catalytic agents are added in order to pack on extra girth and weight that produce unparalleled flower and oil production during the critical last weeks

RP #	ITEM	PRICE
#136	OVERDRIVE BOOST NUTRIENTS - 1 LITER	\$34.95



## Advanced Nutrients Revive Plant Nutrients

May be used in foliar, soil, or hydroponic solutions as a corrective measure or in a regular feeding program for you plants. Repairs damaged, stressed plants and will also correct common nutrient deficiencies.

RP #	ITEM	PRICE
#4711	REVIVE PLANT NUTRIENT - 1 LITER	\$32.95



## Advanced Nutrients Sweet Leaf Taste Enhancer

Sweet Leaf is the sweetest thing to happen to plants since photosynthesis. Sweet Leaf is an all organic super concentrated flavor and aroma enhancer. Sweet Leaf increases the rate of essential oil production while simultaneously enriching those oils with higher concentrations of phenolic and terpenoid compounds (the elements that make up the flavor and aromatic properties of your plants).

RP #	ITEM	PRICE
#161	SWEET LEAF FLAVOR ENHANCER - 1 LITER	\$34.95



## Age Old Grow

Age Old Grow 12-6-6 is a natural fertilizer with a 2 to 1 nitrogen ratio to encourage continued growth and vigor. Age Old Grow is manufactured by combining fish, seaweed, and naturally occurring nutrients to form a stable odorless liquid plant food.

RP #	ITEM	PRICE
#41878	AGE OLD GROW - QUART	\$12.95

## Age Old Bloom



Age Old Bloom 5-10-5 a natural fast-acting high phosphorous combination of the two oldest forms of fertilizer known, with micronutrients. The odorless concentrated liquid encourages early growth, greater flowering, and better fruit set. Great for increasing germination rates and will overcome stress caused by natural or chemical environmental stresses.

RP #	ITEM	PRICE
#41879	AGE OLD BLOOM - QUART	\$12.95

## General Hydroponics FloraMicro Hard Water



If your tap water is over 200 ppm (or contains Calcium above 70 ppm), use Flora Micro Hardwater. If your water contains 30 to 50 ppm Calcium, you can mix our original Flora Micro with Flora Micro Hardwater to create a perfect Micro blend for your plants.

RP #	ITEM	PRICE
#48919	G.H. FLORAMICRO HARD WATER - 1 GALLON	\$34.95
#44877	G.H. FLORAMICRO HARD WATER - 1 QUART	\$16.95

## General Hydroponics Flora Bloom



Stimulates flower and fruit development. Enhances flavor, aroma, and essential oils. Provides high Phosphorous, Potassium, Magnesium, and Sulfur. Flora Series contains complete Primary, Secondary and Micro Nutrients for enhanced yields and better crop quality. Users can adjust mixtures to suit specific plant needs.

RP #	ITEM	PRICE
#5992	GENERAL HYDRO FLORA BLOOM - 1 GALLON	\$29.95
#5991	GENERAL HYDRO FLORA BLOOM - 1 QUART	\$12.95

## General Hydroponics Flora Grow



The original Building-Block Nutrient System, often imitated but never duplicated. Flora Series contains complete Primary, Secondary and Micro Nutrients for enhanced yields and better crop quality. Users can adjust mixtures to suit specific plant needs. Flora Series enhances flavor, nutrition, aroma, potency, and essential oils in both hydroponic and soil cultivated plants. Flora Series contains highly purified concentrates for maximum solubility and pH balanced for ease of use.

RP #	ITEM	PRICE
#5990	GENERAL HYDRO FLORA GROW - 1 GALLON	\$29.95
#5989	GENERAL HYDRO FLORA GROW - 1 QUART	\$12.95

## General Hydroponics Flora Micro



Contains complete Primary, Secondary and Micro Nutrient for enhanced yields and better crop quality. Enhances flavor, nutrition, aroma and essential oils in both hydroponic and soil cultivated plants. pH balanced for ease of use. NASA and Antarctic research scientists choose Flora Series -- because of its superior formulation and reliability. The General Hydroponics Flora Series is known throughout the world as the industry standard.

RP #	ITEM	PRICE
#5988	GENERAL HYDRO FLORA MICRO - 1 GALLON	\$34.95
#5987	GENERAL HYDRO FLORA MICRO - 1 QUART	\$16.95



## General Hydroponics Maxi-Gro

Use to encourage growth of seedlings and cuttings, and to stimulate rapid growth through the "vegetative" growth stage. MaxiGro tm and MaxiBloom tm 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.

RP #	ITEM	PRICE
#4447	GENERAL HYDRO MAXI-GRO - 2.2 POUNDS	\$15.95



## General Hydroponics Maxi-Bloom

Use for the reproductive stage in fast growing annuals. MaxiBloom encourages prolific flowering and fruiting, and increases yields and crop quality. MaxiGro tm and MaxiBloom tm 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.

RP #	ITEM	PRICE
#4448	GENERAL HYDRO MAXI-BLOOM - 2.2 POUNDS	\$15.95



## General Hydroponics Floralicious Bloom

Floralicious is a potent organic nutrient additive made from the best nature has to offer. A highly concentrated blend of plant, marine plants, and mineral extracts, Floralicious allows users to experience flavors, aroma, and yield like never before! And Floralicious is much more economical to use than the leading supplement. Guided by the latest scientific findings, our unique fermentation process creates a potent blend of phytostimulants and biometabolic precursors that enables Floralicious to bring out your plants full genetic potential.

RP #	ITEM	PRICE
#3583	FLORALICIOUS BLOOM SUPPLEMENTS - 1 QUART	\$26.95



## General Hydroponics Floralicious Grow

Floralicious is a potent organic nutrient additive made from the best nature has to offer. A highly concentrated blend of plant, marine plants, and mineral extracts, Floralicious allows users to experience flavors, aroma, and yield like never before! And Floralicious is much more economical to use than the leading supplement. Guided by the latest scientific findings, our unique fermentation process creates a potent blend of phytostimulants and biometabolic precursors that enables Floralicious to bring out your plants full genetic potential.

RP #	ITEM	PRICE
#3582	FLORALICIOUS GROW SUPPLEMENTS - 1 QUART	\$26.95



## General Hydroponics FloraNova Grow 7-4-10

FloraNova is the breakthrough gardeners have been waiting for: an exceptionally potent, complete one-part fertilizer plus organic additives. Extremely concentrated, FloraNova is an excellent bargain, one to two teaspoons in a gallon of water.

RP #	ITEM	PRICE
#4117	G.H. FLORA NOVA GROW - 1 PINT	\$14.95



### General Hydroponics FloraNova Bloom® 4-8-7

FloraNova is the breakthrough gardeners have been waiting for: an exceptionally potent, complete one-part fertilizer plus organic additives. Extremely concentrated, FloraNova is an excellent bargain, one to two teaspoons in a gallon of water. One bottle is all you need, making FloraNova the easiest nutrient you'll ever use.

RP #	ITEM	PRICE
#4118	G.H. FLORA NOVA BLOOM - 1 PINT	\$14.95



### General Hydroponics Florablend Vegan Solution

Flora Blend is a compost tea solution fermented from a select blend of plant materials plus seaweed and rock powders. Use Florablend during germination, with cuttings as well as the full vegetative and flowering stages of plant growth.

RP #	ITEM	PRICE
#4119	G.H. FLORABLEND VEGAN TEA - 1 QUART	\$12.95



### General Hydroponics KaBloom Dry Rippening

KaBloom You only have one chance with your annuals, so make sure you use KaBloom. This nutrient additive promotes abundant flowering and helps facilitate ripening in annual flowers and herbs. Designed to be used during the second half of reproductive development, KaBloom enhances the production of essential oils and fragrance in flowers, culinary and medicinal herbs.

RP #	ITEM	PRICE
#45456	KABLOOM DRY RIPPENING - 2.2 LB	\$29.95



### General Hydroponics Liquid KoolBloom

Just like its dry counterpart Liquid KoolBloom is a highly concentrated additive that promotes abundant flowering and helps facilitate ripening in annual and perennial flowers and herbs. Liquid KoolBloom is designed to be used during the reproductive cycle and will result in larger, heavier fruits and flowers. Liquid KoolBloom also enhances the production of essential oils and fragrances in flowers, culinary, and medicinal herbs.

RP #	ITEM	PRICE
#3581	LIQUID KOOLBLOOM BULKING - 1 QUART	\$21.95



### General Hydroponics Liquid Karma

Liquid Karma contains a full complement of metabolically active organic compounds not found in regular plant foods or supplements. These unique compounds are absorbed immediately and act as regulatory signals, activators or catalysts to produce synchronized and accelerated growth under all conditions.

RP #	ITEM	PRICE
#48311	LIQUID KARMA - 1 QUART	\$25.95



### General Hydroponics Pureblend Pro Grow 3-1.5-4

Pureblend Pro Grow 3-1.5-4 -- One Part, Stand Alone Hydro-Organic Nutrient  
When compared to conventional chemical fertilizers, Pure Blend Pro Grow will provide increased nutritional values and is a healthy, earth-friendly alternative. Mix ½ - 1 fl oz / gallon of water. Pure Blend Pro® is a hydro-organic vegetative and fruit and flower formula.

RP #	ITEM	PRICE
#43181	PBLEND PRO GROW HYDRO-ORGANIC	\$19.95



### General Hydroponics Pure Blend Bloom

Pure Blend Bloom is a hydro organic blend that can be used to supplement hydroponic feeding schedules during the flowering stage. It can also be used as a fruiting and flowering fertilizer for soil. This formula is made from blood meal, seabird and bat guano, earth worm castings, fish meal, sea kelp and citric acid. Pure Blend Bloom increases the number, size, and quality of blooms and fruits.

RP #	ITEM	PRICE
#43182	PBLEND PRO BLOOM HYDRO-ORGANIC	\$19.95



### Diamond Nectar Organic

Containing the highest quality, most effective fulvic acid available, DIAMOND NECTAR(tm) can be used in hydroponic solutions or combined with soil or foliar applied fertilizers. Natural buffering, chelating and extremely high ion-exchange properties convert many mineral elements into forms easier for plants to absorb, resulting in increased vitality, resistance to environmental stress and improved crop quality and yields.

RP #	ITEM	PRICE
#40186	DIAMOND FULVIC ACID - 1 QUART	\$17.95



### Fox Farm Big Bloom (0.01-0.3-0.7)

Big Bloom is a microbially active, water soluble plant food specifically formulated to promote and emphasize the blooming of all flowering and fruiting plants.

RP #	ITEM	PRICE
#24981	FOX FARM ORGANIC BIG BLOOM - 1 QUART	\$12.50



### Fox Farm Grow Big (6-4-4) 1 quart

Water soluble fertilizer works fast to encourage vigorous, vegetative growth by providing an extra boost of nitrogen (12-7-7) and important trace minerals.

RP #	ITEM	PRICE
#40644	FOX FARM ORGANIC GROW BIG - 1 QUART	\$15.95



### Fox Farm Big Bloom (0.01-0.3-0.7)

Big Bloom is a microbially active, water soluble plant food specifically formulated to promote and emphasize the blooming of all flowering and fruiting plants. Made from premium select Earthworm castings and bat guano, Big Bloom is 100% natural and organic.

RP #	ITEM	PRICE
#40806	FOX FARM BIG BLOOM ORGANIC - 1 GALLON	\$39.95



### Grow Big Hydroponic Liquid Plant Food (3-2-6)

Grow Big Liquid Plant Food is available in a special formula just for hydroponic systems.

RP #	ITEM	PRICE
#40804	FOX FARM ORGANIC HYDROPONIC - 1 QUART	\$14.95



### Maxicrop

Maxicrop is made from the finest seaweed harvested off of the 12,500 mile Norwegian coastline. This is where rich mineral mountain waters, the Gulf stream, and Arctic waters come together to produce the perfect conditions to grow Ascophyllum Nodosum seaweed. Maxicrop provides more than 70 minerals, growth hormones, cytokinin, auxins, vitamins, and enzymes. Available as powder or liquid.

RP #	ITEM	PRICE
#4561	MAXICROP SEAWEED LIQUID - 1 QUART	\$9.95



### Wegner's Organic Nutrients

Wegner's Liquid provides a balanced NPK (8-6-6) with calcium, magnesium, plus a formulation of trace minerals and elements including plant based extracts that help plants to absorb and use organic nutrients. Whether you are a commercial grower or a home gardener, you will enjoy the gentle release of nutrients, with no stress to your plants.

RP #	ITEM	PRICE
#4933	WEGNER'S ORGANIC NUTRIENTS 1 LITER	\$19.95



Thanks for growing with us!  
Grow or Die!

# pH Solutions

## Watering Tips

Need to grow anything in central texas water, with an average pH of 8 - too alkaline for most plants! Bring pH down between 5.5 and 6.5.

### pH Preference of Fruits and Vegetables

Fruits and Vegetables	
Beans	6.0-7.5
Lettuce	6.0-7.0
Blueberry	4.0-6.0
Onion	6.0-7.0
Cabbage	6.0-7.5
Potato	4.5-6.0
Cantaloupe	6.5-7.5
Rhubarb	5.5-7.0
Carrot	5.5-7.0
Strawberry	5.0-7.5
Grape	6.0-7.0
Tomato	5.5-7.5

### pH Preference of Flowers, Trees, Shrubs and Annuals

Flowers, Trees, Shrubs, Annuals	
Azalea	4.5-6.0
Junipers	5.0-6..5
Carnation	6.0-7.5
Petunias	6.0-7.5
Chrysanthemum	6.0-7.0
Pansies	5.5-7.0
Daffodil	6.0-6.5
Roses - Hybrid Tea	5.5-7.0
Geraniums	6.0-8.0
Roses - Climbing	6.0-7.0
Hydrangea - blue	4.0-5.0
Spruce	4.5-5.5
Hydrangea - pink	6.0-7.0
Rhododendron	4.5-6.0



## General Hydroponics pH Test Kit

The pH Test Kit is a liquid tester that covers a pH range of 4.0 to 8.5. Includes sampling tube, reagent, and color comparison card. Makes testing easy and reliable.

RP #	ITEM	PRICE
#4428	PH TEST KIT 1 OZ. W/ CHART	\$6.95



## General Hydroponics pH Control Kit

The pH Control Kit includes one liquid pH test kit and 8 ounces of each Up(base) and Down (acid). The pH Test Kit is a liquid tester that covers a pH range of 4.0 to 8.5. Includes sampling tube, reagent, and color comparison card. Both pH Down and pH Up provide consistent and reliable performance.

RP #	ITEM	PRICE
#40185	PH CONTROL KIT	\$18.95



## Advanced Nutrients PH Down

Advanced Nutrients PH Down is used to maintain the optimum pH levels for hydroponically grown, sphagnum moss and soil plants. Advanced Nutrients pH products are pure concentrates and have not been diluted.

RP #	ITEM	PRICE
#740	PURE CONCENTRATE PH DOWN - 1 LITER	\$16.95



## Advanced Nutrients PH Up

Advanced Nutrients PH Up is used to maintain the optimum pH levels for hydroponically grown, sphagnum moss and soil plants. Advanced Nutrients pH products are pure concentrates and have not been diluted.

RP #	ITEM	PRICE
#739	PURE CONCENTRATE PH UP - 1 LITER	\$16.95

# GROW CATALOG ORDER FORM

Customer Name: \_\_\_\_\_ Date: \_\_\_\_\_

Phone Number: \_\_\_\_\_ From Store: \_\_\_\_\_

Special Pick Up Instructions: \_\_\_\_\_

Planet K recommends customers visit any of our locations and consult with or sales staff on grow purchases. Customers may also complete the form below and fax orders to **(512) 837-5337** or e-mail form to **planetkgifts@gmail.com**.

Catalog Stock #	Item Description	Quantity	Price Each	Line Total



Subtotal	
Tax	
Total	

**Note:** Customer need to be prepared to supply credit card information over the phone. Delivery time subject to availability. Backorders will be notified and can be exchanged or returned instead. All prices and rates subject to change without notice.

**Fax orders to (512) 837-5337**  
**or**  
**E-mail orders to planetkgifts@gmail.com**