

NUTRIENTS	167–230
General Hydroponics	169–173
General Organics	174
Aurora Innovations / Roots Organics 	175–177
Aurora Innovations / Soul Synthetics	177–178
Atami / B'Cuzz	179–181
American Hydroponics	182
Biobizz 	182–183
Botanicare	184–186
Organicare	187
Cutting Edge Solutions	188–189
Dutch Master	189–190
Dyna-Gro	190–191
Emerald Triangle 	191
Espoma 	192
FoxFarm	193–196
Green Gro 	196
Grotek 	197–198
Growing Solutions Incorporated	198
The Guano Company	198
Hormex	198
Humboldt Nutrients	199–202
Hydrodynamics International 	203–204
Hydro-Organics	205–211
Hygrozyme	211
Maxicrop Organic Products	212
Microbe Life Hydroponics	212–213
Nature's Solution	214
Organic Laboratories	214
Plant Success	215–215
Premier Tech Horticulture	215
Rock Premium Products	216
Spray-N-Grow	217
SOS Beneficial Bacteria	217
Soil Secrets 	217
Superthrive	217
Technaflora Plant Products	218–219
Vermicrop Organics	220
Xtreme Gardening	221

CONTROL YOUR ENVIRONMENT

with

ActiveAQUATM

THE BEST TRAYS, PUMPS & CHILLERS ON THE MARKET

COMPONENTS FOR ALL YOUR HYDRO NEEDS · PROVEN STRENGTH & RELIABILITY



www.hydrofarm.com

HYDR**FARM**



Feed charts on pp. 365–392
or at Hydrofarm.com

FLORA SERIES LIQUID CONCENTRATED NUTRIENT

Consistently provides the most reliable results of all growing methods and applications. The original 3-part building-block nutrient system contains all primary, secondary, and micronutrients necessary for balanced plant nutrition, enhanced yields, and superior crop quality. These nutrients form a complete and balanced fertilizer that provide plants with everything required to successfully build strong plant structures and big blooms. Flora Series is pH buffered and enhances the flavor, aroma, potency, and essential oils of your fruits and vegetables in hydroponics, soil, and coco.

FLORAMICRO 5-0-1

The foundation of the “building-block” system. Provides nitrogen, potassium, calcium, and trace elements.



ITEM CODE	DESCRIPTION	SRP
GH1411	FloraMicro, 16 oz	\$11.22
GH1412	FloraMicro, 1 qt	15.94
GH1413	FloraMicro, 1 gal	36.58
GH1414	FloraMicro, 2.5 gal	84.30
GH1417	FloraMicro, 6 gal	170.00
GH1416	FloraMicro, 15 gal	425.00
GH1418	FloraMicro, 55 gal	1,558.15

FLORAGRO 2-1-6

Stimulates structural and vegetative growth, builds strong roots, provides nitrogen, phosphorous, potassium, and secondary minerals.



ITEM CODE	DESCRIPTION	SRP
GH1421	FloraGro, 16 oz	\$9.78
GH1422	FloraGro, 1 qt	12.50
GH1423	FloraGro, 1 gal	31.88
GH1424	FloraGro, 2.5 gal	69.40
GH1427	FloraGro, 6 gal	140.00
GH1426	FloraGro, 15 gal	350.00
GH1428	FloraGro, 55 gal	1,283.15

FLORABLOOM 0-5-4

Stimulates flower and fruit development and enhances flavor, aroma, and essential oils. High in phosphorous, potassium, magnesium, and sulfur.



ITEM CODE	DESCRIPTION	SRP
GH1431	FloraBloom, 16 oz	\$9.78
GH1432	FloraBloom, 1 qt	12.50
GH1433	FloraBloom, 1 gal	31.88
GH1434	FloraBloom, 2.5 gal	69.40
GH1437	FloraBloom, 6 gal	140.00
GH1436	FloraBloom, 15 gal	350.00
GH1438	FloraBloom, 55 gal	1,283.15

FLORAMICRO HARDWATER 5-0-1

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



ITEM CODE	DESCRIPTION	SRP
GH1611	Hardwater FloraMicro, 16 oz	\$11.22
GH1612	Hardwater FloraMicro, 1 qt	15.94
GH1613	Hardwater FloraMicro, 1 gal	36.58
GH1614	Hardwater FloraMicro, 2.5 gal	84.30
GH1617	Hardwater FloraMicro, 6 gal	170.00
GH1616	Hardwater FloraMicro, 15 gal	425.00
GH1618	Hardwater FloraMicro, 55 gal	1,558.34



SPIGOT FOR 6-GALLON CONTAINER

High quality plastic spigot fits standard 6-gallon containers.



ITEM CODE	DESCRIPTION	SRP
GH91354	Spigot for 6 Gallon Container	\$3.50

FLORA SERIES PERFORMANCE PACK

Designed to excel in coco, hydroponics, and soil! The FloraSeries Performance Pack includes 16 oz. each of FloraMicro, FloraGro, and FloraBloom; 8 oz. each of FloraBlend and Liquid KoolBloom; 4 oz. FloraKleen; and 1 oz. each of RapidStart, Floralicious Plus, and pH Test Indicator.



ITEM CODE	DESCRIPTION	SRP
GH1447	Flora Series Performance Pack	\$49.99

FLORANOVA LIQUID SUPER CONCENTRATED NUTRIENT

A breakthrough in fertilizer technology, Floranova offers the strength of a dry concentrate and the ease of a liquid. This unique formulation of highly purified minerals and natural additives combines the benefits of both organic and soilless gardening methods. Optimum nutrient absorption is aided by natural humic extracts for increased quality and superb yields. It is a one part formula that is pH stabilized and outstanding for all plant types.

FLORANOVA BLOOM 4-8-7

Promotes explosive flowering and fruiting. Phenomenal aroma, taste, potency, and colors. Delivers extraordinary yields.

FLORANOVA GROW 7-4-10

A specialized nutrient for rapidly growing plants during the structural and foliar growth phase.



ITEM CODE	DESCRIPTION	SRP
GH1631	FloraNova Bloom, 16 oz	\$15.00
GH1632	FloraNova Bloom, 1 qt	27.50
GH1633	FloraNova Bloom, 1 gal	87.50
GH1636	FloraNova Bloom, 2.5 gal	192.50
GH1621	FloraNova Grow, 16 oz	\$15.00
GH1622	FloraNova Grow, 1 qt	27.50
GH1623	FloraNova Grow, 1 gal	87.50
GH1626	FloraNova Grow, 2.5 gal	192.50
GH4200	Heavy Duty Nova Mixer	\$12.50

FLORADUO A & B

A revolutionary new two-part fertilizer product. Using only two components, it is possible to mix a large range of different nutrient blends for different kinds of plants and for different phases of growth from seedling through harvest. The ratios of primary, secondary, and micronutrients all change with different blends; each is tailored to meet specialized plant needs. It can be used for all plants and all gardening methods including hydroponics, potted plants in prepared soil mixes, coco blends, and garden soils.



ITEM CODE	DESCRIPTION	SRP
GH1671	FloraDuo A, pt	\$10.50
GH1672	FloraDuo A, qt	15.00
GH1673	FloraDuo A, 1 gal	34.00
GH1674	FloraDuo A, 2.5 gal	75.00
GH1675	FloraDuo A, 6 gal	150.00
GH1676	FloraDuo A, 15 gal	375.00
GH1678	FloraDuo A, 55 gal	1,375.00
GH1681	FloraDuo B, pt	\$10.50
GH1682	FloraDuo B, qt	15.00
GH1683	FloraDuo B, 1 gal	34.00
GH1684	FloraDuo B, 2.5 gal	75.00
GH1685	FloraDuo B, 6 gal	150.00
GH1686	FloraDuo B, 15 gal	375.00
GH1688	FloraDuo B, 55 gal	1,375.00

**Feed charts on pp. 365–392
or at Hydrofarm.com**



MAXI SERIES DRY CONCENTRATED NUTRIENT

MaxiGro and MaxiBloom are stand-alone, water-soluble, dry concentrated nutrients. Complete in primary, secondary, and micronutrients, pH buffered MaxiGro and MaxiBloom provide superior results when used with a wide variety of crops in all hydroponic, soil or soil-based growing environments. Use MaxiGro to encourage growth of seedlings and cuttings and to stimulate rapid growth through the vegetative growth stage. Use MaxiBloom for the reproductive stage in fast growing annuals. Encourages prolific flowering and fruiting, and increases yields and crop quality.



ITEM CODE	DESCRIPTION	SRP
GH1211	MaxiGro 10-5-14 Pouch, 2 lbs	\$15.34
GH1213	MaxiGro 10-5-14, 16 lbs	118.00
GH1214	MaxiGro 10-5-14, 50 lbs	330.40
GH1221	MaxiBloom 5-15-14 Pouch, 2 lbs	\$15.34
GH1223	MaxiBloom 5-15-14, 16 lbs	118.00
GH1224	MaxiBloom 5-15-14, 50 lbs	330.40

LIQUID KOOLBLOOM 0-10-10

A flowering nutrient supplement enriched with stress reducing vitamins and nutrient transporting acids. Provides the essential nutrients plants need to initiate explosive flowering and build bigger blooms. Promotes heavy production of essential oils, fruit and flowers without damaging young and delicate root systems. Use during the transitional period between vegetative growth and fruit or flowering stage.



ITEM CODE	DESCRIPTION	SRP
GH1452	Liquid KoolBloom, 1 qt	\$21.76
GH1453	Liquid KoolBloom, 1 gal	63.50
GH1454	Liquid KoolBloom, 2.5 gal	136.30
GH1455	Liquid KoolBloom, 6 gal	305.50
GH1457	Liquid Koolbloom, 15 gal	763.76
GH1458	Liquid Koolbloom, 55 gal	2,800.42

KOOLBLOOM DRY 2-45-28

A highly concentrated nutrient supplement that promotes abundant flowering and facilitates ripening in annual flowers and herbs. Rich with phosphorus and potassium, with precise amounts of ripening elements, KoolBloom is to be used only at the very end of a plant's life cycle to help build larger, heavier fruits and flowers.



ITEM CODE	DESCRIPTION	SRP
GH1315	KoolBloom, 4 oz	\$15.28
GH1316	KoolBloom Pouch, 2.2 lbs	29.40
GH1318	KoolBloom, 16 lbs	212.00

ARMOR SI PREMIUM SILICA (10%)

Armor Si improves plant structure and foliar development absorption, which leads to greater plant stature. Suitable for all types of plants during all stages of growth, with hydroponics, coco coir, and all types of media.



ITEM CODE	DESCRIPTION	SRP
GH1781	Armor Si, 1 pt	\$8.90
GH1782	Armor Si, 1 qt	15.80
GH1783	Armor Si, 1 gal	40.00
GH1784	Armor Si, 2.5 gal	94.00
GH1785	Armor Si, 5 gal	216.00

DIAMOND NECTAR

Accelerates nutrient absorption where mineral foods enter the plant. Applies the chelating action of fulvic acids to nutrient rich hydroponic environments by grabbing immobile and molecularly heavy compounds. They are transported through and into plant tissues for faster growth and greater yields. Supercharges your nutrients to optimize plant health and crop quality.



ITEM CODE	DESCRIPTION	SRP
GH1352	Diamond Nectar, 1 qt	\$17.25
GH1353	Diamond Nectar, 1 gal	46.00
GH1354	Diamond Nectar, 2.5 gal	92.00
GH1355	Diamond Nectar, 6 gal	184.00
GH1356	Diamond Nectar, 15 gal	460.00
GH1358	Diamond Nectar, 55 gal	1,686.66

DIAMOND BLACK

Diamond Black is a dry premium organic humic acid perfect for soil and other soilless growing media. The only granular leonardite that has been proven soluble during a single season. Once it is blended with rooting media, it will slowly break down and add humates to your plants' root environment.



ITEM CODE	DESCRIPTION	SRP
GH5362	Diamond Black, 1 qt	\$16.98
GH5363	Diamond Black, 1 gal	52.30
GH5364	Diamond Black, 2.5 gal	108.48
GH5365	Diamond Black, 6 gal	220.96
GH5366	Diamond Black, 15 gal	537.76
GH5368	Diamond Black, 55 gal	1,938.00

FLORABLEND VEGAN PLANT BOOSTER

This proprietary blend of plant materials, plus seaweed, rock powders, and micronized leonardite energizes plants' metabolic processes to increase and promote healthy root structures. Builds plants' immune systems while providing carbon building blocks for plant processes responsible for color and flavor of fruits and vegetables.



ITEM CODE	DESCRIPTION	SRP
GH1592	FloraBlend, 1 qt	\$12.00
GH1593	FloraBlend, 1 gal	30.00
GH1594	FloraBlend, 2.5 gal	70.00
GH1597	FloraBlend, 6 gal	144.00
GH1596	FloraBlend, 15 gal	360.00
GH1598	FloraBlend, 55 gal	1,320.00



FLORALICIOUS BLOOM 1-1-1

A bio plant stimulator and nutrient supplement blended for fruiting or flowering stages of growth. It enhances flavors, colors, and yields in flowering plants.



ITEM CODE	DESCRIPTION	SRP
GH1382	Floralicious Bloom, 1 qt	\$26.84
GH1383	Floralicious Bloom, 1 gal	80.50
GH1384	Floralicious Bloom, 2.5 gal	184.00

FLORALICIOUS GROW 1-7-6

A bio plant stimulator and nutrient supplement specifically blended for vegetative growth. It enhances plant metabolic activities responsible for nutrient assimilation and helps build the foundation of root and leaf mass that is needed for superior harvests.



ITEM CODE	DESCRIPTION	SRP
GH1372	Floralicious Grow, 1 qt	\$26.84
GH1373	Floralicious Grow, 1 gal	80.50
GH1374	Floralicious Grow, 2.5 gal	184.00

FLORALICIOUS PLUS 2.8-8-02

A concentrated vegan bio plant stimulator and nutrient additive formulated for both the vegetative and flowering stages of growth. Contains a dormant beneficial microbe that activates when it is introduced to a plant's root structure. Packed with powerful vitamins, complex plant sugars, protein building amino acids, seaweed extracts, carbon building blocks, and aromatic oils all in a fulvic acid base. Adds quality to flavor and colors to all plants. Use in hydroponic and soil or soil-based growing environments.



ITEM CODE	DESCRIPTION	SRP
GH1386	Floralicious Plus, 8 oz	\$21.84
GH1388	Floralicious Plus, 16 oz	34.48
GH1389	Floralicious Plus, 32 oz	60.90
GH1391	Floralicious Plus, 1 gal	212.76

CALIMAGIC

A concentrated blend of readily available calcium and magnesium. It is formulated to assist fast growing plants by preventing secondary nutrient deficiencies. Helps optimize plant nutrition and enhances plant growth and development while preventing blossom end rot and tip burn in many crops such as tomatoes and lettuce as well as other calcium-intensive plants.



ITEM CODE	DESCRIPTION	SRP
GH1772	CaliMagic, 1 qt	\$16.20
GH1773	CaliMagic, 1 gal	40.50
GH1774	CaliMagic, 2.5 gal	90.00
GH1775	CaliMagic, 6 gal	205.20
GH1777	CaliMagic, 15 gal	513.00
GH1778	CaliMagic, 55 gal	1,881.00

**Feed charts on pp. 365–392
or at Hydrofarm.com**

SUB CULTURE B 0.1-0.04-0.02

A probiotic inoculum of beneficial microorganisms that will help increase the vitality and yield in all plants. Whether in soil or hydroponics, GH's proprietary blend of bacteria fungi colonize the root zone and media to form a symbiotic relationship with your plants. Root systems will increase, as well as nutrient absorption; thus creating bigger, healthier plants. Start with SubCulture-M, then add SubCulture-B to establish root systems.



ITEM CODE	DESCRIPTION	SRP
GH1582	SubCulture-B, 75g jar	\$21.30
GH1583	SubCulture-B, 150g jar	36.10
GH1584	SubCulture-B, 300g jar	62.58
GH1585	SubCulture-B, 600g jar	117.73

SUB CULTURE M

A mycorrhizal root inoculant containing a wide diversity of endo and ecto mycorrhizal fungi that colonize plant roots. These beneficial fungi form a fine network of fibrous strands that serve as an extension of the plant's root system, increasing root area and helping plants absorb water and nutrients. Use from germination or propagation all the way through harvest. Use less fertilizer and still achieve superior growth and huge yields.



ITEM CODE	DESCRIPTION	SRP
GH1586	SubCulture-M, 75g jar	\$12.55
GH1587	SubCulture-M, 150g jar	20.65
GH1588	SubCulture-M Pouch, 300g jar	30.80
GH1589	SubCulture-M, 600g jar	53.49

FLORAKLEEN SALT CLEARING SOLUTION

Removes fertilizer residue that can accumulate over time in hydroponic systems, growing media, and potting soils. Use monthly to purge your hydroponic system or potted plants of excess salts that can accumulate as a result of regular fertilizer application. An excellent final flush, and can be used at any time to dissolve mineral and salt buildup.



ITEM CODE	DESCRIPTION	SRP
GH1722	FloraKleen, 1 qt	\$9.78
GH1723	FloraKleen, 1 gal	23.00
GH1724	FloraKleen, 2.5 gal	54.66
GH1727	FloraKleen, 6 gal	124.20
GH1726	FloraKleen, 15 gal	310.50
GH1728	FloraKleen, 55 gal	1,138.50



FLORANECTAR 0-0-1

Contains all natural raw cane sugar, molasses, malt syrup, select plant based esters, L-amino acids, organic acids, vitamins, and essential minerals. Helps maintain optimal metabolism and achieve a balance between respiration and photosynthesis in high intensity growing environments where the rate of respiration can exceed photosynthesis. Ensures optimal metabolic rates during flowering and fruiting when nitrogen levels have been reduced.



ITEM CODE	DESCRIPTION	SRP
GH1601	FloraNectar Fruit-n-Fusion, 1 qt	\$21.00
GH1603	FloraNectar Fruit-n-Fusion, 1 gal	58.80
GH1604	FloraNectar Fruit-n-Fusion, 2.5 gal	132.30
GH1607	FloraNectar Fruit-n-Fusion, 6 gal	262.50

FLORANECTAR PINEAPPLE RUSH 0-0-1

Pineapple Rush is the newest flavor by General Hydroponics. Infused with pineapple essence, your plants will get a sugar rush everytime you use it! Formulated to optimize the greatest transference of sweetness and aroma into your fruits and flowers.



ITEM CODE	DESCRIPTION	SRP
GH1661	FloraNectar Pineapple Rush, 1 qt	\$21.00
GH1663	FloraNectar Pineapple Rush, 1 gal	58.80
GH1664	FloraNectar Pineapple Rush, 2.5 gal	132.30
GH1665	FloraNectar Pineapple Rush, 6 gal	262.50

FLORANECTAR COCONUT 0-0-1

A unique blend of ingredients regulates enzymes that aid in maintaining optimal metabolism. FloraNectar ensures optimal metabolic rates during the flowering and fruiting phase when nitrogen levels have been reduced, and promotes a sturdier plant structure during the vegetative phase when high levels of nitrogen are present.



ITEM CODE	DESCRIPTION	SRP
GH1762	FloraNectar Coconut, 1 qt	\$21.00
GH1763	FloraNectar Coconut, 1 gal	58.80
GH1764	FloraNectar Coconut, 2.5 gal	132.30
GH1765	FloraNectar Coconut, 6 gal	262.50

RAPID START 1-5-1

Delivers a powerful blend of premium plant extracts, amino acids, and nutrients generating explosive root growth. Stimulates prolific root branching and development of fine root hairs that increase nutrient uptake and grow healthier, whiter roots. Use during the entire growing cycle in all types of growing media, including coco.



ITEM CODE	DESCRIPTION	SRP
GH1700	Rapid Start Rooting Enhancer, 125 ml	\$26.49
GH1701	Rapid Start Rooting Enhancer, 275 ml	39.99
GH1702	Rapid Start Rooting Enhancer, 500 ml	74.36
GH1703	Rapid Start Rooting Enhancer, 1 L	143.30

FLORANECTAR SUGAR CANE 0-0-1

Formulated to optimize the greatest transference of sweetness and aroma into your fruits and flowers. Contains all-natural raw cane sugar, molasses, malt syrup, select plant based esters, L-amino acids, organic acids, vitamins, and essential minerals.



ITEM CODE	DESCRIPTION	SRP
GH1742	FloraNectar Sugar Cane, 1 qt	\$21.00
GH1743	FloraNectar Sugar Cane, 1 gal	58.80
GH1744	FloraNectar Sugar Cane, 2.5 gal	132.30
GH1745	FloraNectar Sugar Cane, 6 gal	262.50

Like the flavor of grapes?



Get our exclusive flavor from northern California wine country!

FLORANECTAR GRAPE EXPECTATIONS 0-0-1

FloraNectar contains all-natural raw cane sugar, molasses, malt syrup, select plant based esters, L-amino acids, organic acids, vitamins, and essential minerals. These ingredients help 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.



HYDROFARM FLAVOR!

ITEM CODE	DESCRIPTION	SRP
GH1792	FloraNectar Grape Expectations, 1 qt	\$21.00
GH1793	FloraNectar Grape Expectations, 1 gal	58.80
GH1794	FloraNectar Grape Expectations, 2.5 gal	132.30
GH1795	FloraNectar Grape Expectations, 6 gal	262.50

BUSH LOAD

Bush Load is a super concentrated (0.4% Paclobutrazol) plant growth regulator. Bush Load can be readily absorbed by plant roots and translocated to the active growing points. Application of Bush Load produces long-lasting, uniform growth regulation.

For use on ornamental plants only – do not use on consumable plants.



ITEM CODE	DESCRIPTION	SRP
GH1000	Bush Load, 8 oz	\$45.99
GH1001	Bush Load, 1 pt	84.99
GH1002	Bush Load, 1 qt	149.99



GO BOX STARTER KIT

Includes one of each of the following (8 nutrients total):

- 16 oz. BioThrive Grow
- 16 oz. BioThrive Bloom
- 8 oz. CaMg+
- 8 oz. BioRoot
- 8 oz. BioWeed
- 8 oz. BioBud
- 8 oz. BioMarine
- 8 oz. Diamond Black



ITEM CODE	DESCRIPTION	SRP
GH5100	GO Box Starter Kit	\$51.36

BIOTHRIVE BLOOM & GROW

Maximizes vegetative growth by supplying plants with a custom diet that stimulates vigorous root and foliage development. Creates a strong frame for later flower, fruit, and seed production. Gives all types of plants a strong start. Specially designed to maximize flower, fruit, and seed production, this unique formulation will give you bigger, more nutritious and delicious yields. Benefits all kinds of plants during the flowering and fruiting phases of growth.



ITEM CODE	DESCRIPTION	SRP
GH5122	BioThrive Grow, 1 qt	\$18.00
GH5123	BioThrive Grow, 1 gal	62.66
GH5124	BioThrive Grow, 2.5 gal	133.20
GH5125	BioThrive Grow, 6 gal	271.68
GH5126	BioThrive Grow, 15 gal	679.20
GH5128	BioThrive Grow, 55 gal	2,425.04
GH5132	BioThrive Bloom, 1 qt	\$17.84
GH5133	BioThrive Bloom, 1 gal	55.08
GH5134	BioThrive Bloom, 2.5 gal	120.00
GH5135	BioThrive Bloom, 6 gal	260.00
GH5136	BioThrive Bloom, 15 gal	650.00
GH5138	BioThrive Bloom, 55 gal	2,346.56

BIOROOT

A natural root growth supplement that helps plants establish healthy and vibrant root systems. It contains vitamins, enzymes, organic, and humic acids that stimulate root growth. Outstanding for seedlings and cuttings, helping young plants develop strong and massive root systems. Maintains health for mature plants by improved nutrient uptake. Use with any garden soil, potting mix, or other growing media. Highly recommended for cuttings and transplants.



ITEM CODE	DESCRIPTION	SRP
GH5322	BioRoot, 1 qt	\$16.95
GH5323	BioRoot, 1 gal	52.70
GH5324	BioRoot, 2.5 gal	110.16
GH5325	BioRoot, 6 gal	226.16

BIOBUD

A powerful bloom stimulator that generates explosive flowering and massive fruit production. Increases metabolic activity and mineral uptake by utilizing bio-stimulants and organic transport enhancers for spectacular flowering and more flavorful fruits. Use during the flowering phase of plant growth with any base fertilizer in any garden soil, potting mix, or other growing media.



ITEM CODE	DESCRIPTION	SRP
GH5332	BioBud, 1 qt	\$41.36
GH5333	BioBud, 1 gal	157.10
GH5334	BioBud, 2.5 gal	373.04
GH5335	BioBud, 6 gal	850.96

CaMg+

Helps optimize plant nutrition resulting in enhanced growth and healthier flowers and fruits. A blend of fermented calcium and magnesium complexed with organic acids and sugar chelates. These low molecular weight acids may facilitate calcium and magnesium transport into the plant.



ITEM CODE	DESCRIPTION	SRP
GH5312	CaMg+, 1 qt	\$18.12
GH5313	CaMg+, 1 gal	58.32
GH5314	CaMg+, 2.5 gal	130.40
GH5315	CaMg+, 6 gal	272.00
GH5316	CaMg+, 15 gal	662.88
GH5318	CaMg+, 55 gal	2399.84

BIOWEED

Derived from a blend of cold processed seaweeds that act as a plant and soil vitality enhancer. Seaweeds have long been recognized as stress reducing agents and powerful plant boosters. Encourages prolific root and foliage growth as well as larger flowers and fruits. Works synergistically with all fertilizers to promote vigorous, healthy growth. Use with any garden soil, potting mix, or other growing media.



ITEM CODE	DESCRIPTION	SRP
GH5342	BioWeed, 1 qt	\$20.22
GH5343	BioWeed, 1 gal	62.16
GH5344	BioWeed, 2.5 gal	141.24
GH5345	BioWeed, 6 gal	330.00
GH5346	BioWeed, 15 gal	825.92
GH5348	BioWeed, 55 gal	3,024.96

BIOMARINE

BioMarine is an enzymatically digested fish protein that naturally enhances soil and boosts plant growth. This fish-based fertilizer encourages beneficial microbes for better roots, stems, foliage, flowers, and fruits. A superior natural source of plant nutrition, suits all types of plants during all phases of growth, from seedling through harvest.



ITEM CODE	DESCRIPTION	SRP
GH5352	BioMarine, 1 qt	\$16.95
GH5353	BioMarine, 1 gal	51.48
GH5354	BioMarine, 2.5 gal	112.96
GH5355	BioMarine, 6 gal	229.92



ROOTS ORGANICS BUDDHA BLOOM



Promotes vigor & increases yields. Finest organic blend for soil & soilless gardens. Enhances quality of the plant during flowering & vegetative stage.



ITEM CODE	DESCRIPTION	SRP
ROBBQ	Roots Organics Buddha Bloom, 1 qt	\$17.99
ROBBG	Roots Organics Buddha Bloom, 1 gal	49.99
ROBB2.5G	Roots Organics Buddha Bloom, 2.5 gal	109.99
ROBB5G	Roots Organics Buddha Bloom, 5 gal	209.99

ROOTS ORGANICS BUDDHA GROW



Promotes vigor & increases yields. Finest organic blend for soil & soilless gardens. Enhances quality of the plant during the flowering & vegetative stage.



ITEM CODE	DESCRIPTION	SRP
ROBGQ	Roots Organics Buddha Grow, 1 qt	\$17.99
ROBGG	Roots Organics Buddha Grow, 1 gal	49.99
ROBG2.5G	Roots Organics Buddha Grow, 2.5 gal	109.99
ROBG5G	Roots Organics Buddha Grow, 5 gal	209.99

ROOTS ORGANICS TRINITY CARBO CATALYST



This complex liquid blend of organic compounds is a plant, root, and rhizosphere catalyst for growth and bloom. Contains organic saponins, soy extract, yeast extract, kelp extract, humic acid, fulvic acid, and L-aminos. Encourages plant vigor, reduces stress, accelerates growth, and increases yield. Use with any nutrient program to increase micro-nutrient uptake.



ITEM CODE	DESCRIPTION	SRP
RODQ	Roots Organics Trinity Catalyst, 1 qt	\$26.99
RODQ	Roots Organics Trinity Catalyst, 1 gal	69.99
ROD2.5G	Roots Organics Trinity Catalyst, 2.5 gal	159.99
ROD5G	Roots Organics Trinity Catalyst, 5 gal	299.99

ROOTS ORGANICS EXTREME SERENE 0-2-2



This organic liquid kelp extract is designed to encourage vigorous growth, increase flower sites and increase yields. Includes a built-in organic wetting agent. Can be used in conjunction with any nutrient program or as a foliar feed for exceptional results.



ITEM CODE	DESCRIPTION	SRP
ROESC	Roots Organics Extreme Serene, 1 cup	\$25.99
ROESQ	Roots Organics Extreme Serene, 1 qt	35.99
ROESG	Roots Organics Extreme Serene, 1 gal	99.99
ROES2.5G	Roots Organics Extreme Serene, 2.5 gal	235.99
ROES5G	Roots Organics Extreme Serene, 5 gal	449.99

ROOTS ORGANICS ANCIENT AMBER



Using a unique organic extraction method, this product has been targeted for low molecular weight, which increases bio-availability and effectiveness. Fulvic acids are extremely effective chelating agents, facilitating the uptake of micro and macro nutrients, increasing resistance to stress, and boosting overall vigor for larger, better quality harvests. Compatible with any fertilizer program. Most effective as a foliar spray or used in hydroponic systems.



ITEM CODE	DESCRIPTION	SRP
ROAAQ	Roots Organics Ancient Amber, 1 qt	\$19.99
ROAAG	Roots Organics Ancient Amber, 1 gal	49.99
ROAA2.5G	Roots Organics Ancient Amber, 2.5 gal	99.99
ROAA5G	Roots Organics Ancient Amber, 5 gal	163.99

ROOTS ORGANICS HP² 0-4-0

Organic Liquid Bat Guano is an extracted source of natural phosphorus collected from exclusive global sources and minimally processed to preserve all of the benefits and amazing synergistic qualities found in bat guano. In liquid form, bat guano is easy to use, more concentrated, eliminates dust-born pathogens, immediately available, and incredibly effective. Add to any fertilizer in soil or hydroponics (particularly coco mediums) for noticeable increases in quality and fragrance.



ITEM CODE	DESCRIPTION	SRP
ROHPQ	Roots Organics HP ² , 1 qt	\$17.99
ROHPG	Roots Organics HP ² , 1 gal	49.99
ROHP2.5	Roots Organics HP ² , 2.5 gal	115.99
ROHP5G	Roots Organics HP ² , 5 gal	219.99

ROOTS ORGANICS HPK 0-5-4

Roots Organics HPK liquid bloom booster is a specially extracted natural source of phosphorus and potassium. Bat guano, which is renowned as an unparalleled source of available natural phosphorus, is combined with langbeinite which is a natural source of potassium, carefully mined from ancient sea beds in the desert of the American Southwest. Aurora Innovations has taken generations of gardening experience and distilled it into a distinctive, easy-to-use formula for the home and professional gardener. Carefully collected from specific global sources, Roots Organics HPK is minimally processed to preserve all of the benefits and amazing synergistic qualities found in Roots Organics exceptional ingredients.



ITEM CODE	DESCRIPTION	SRP
ROHPKQ	Roots Organics HPK, 1 qt	\$19.99
ROHPKG	Roots Organics HPK, 1 gal	53.99
ROHPK2.5	Roots Organics HPK, 2.5 gal	125.99
ROHPK5G	Roots Organics HPK, 5 gal	235.99



More sizes available at Hydrofarm.com

ROOTS ORGANICS SURGE

Roots Organics Surge nutritional and microbial stimulant is designed from the finest sustainably-harvested and enzymatically processed marine protein materials. The addition of molasses, kelp, and humic acid to a powerful fish base creates a potent fusion of natural compounds to enhance the distinctive qualities and flavor of your harvest. Faster growth, heavier yields, and lush plants rich with essential oils - all these benefits from one powerful product.



ITEM CODE	DESCRIPTION	SRP
ROSRQ	Roots Organics Surge, 1 qt	\$17.99
ROSRG	Roots Organics Surge, 1 gal	49.99
ROSR2.5G	Roots Organics Surge, 2.5 gal	109.99
ROSR5G	Roots Organics Surge, 5 gal	207.99

ROOTS ORGANICS SUPER NITRO BAT GUANO 15.5-1-1

Potent and powerful high nitrogen guano consciously extracted to not disturb the bat colonies but provide an unparalleled completely natural source of nitrogen. Fast acting and so powerful, it should be used carefully and sparingly.



ITEM CODE	DESCRIPTION	SRP
ROSN3	Roots Organics Super Nitro Bat Guano, 3 lbs	\$29.99
ROSN9	Roots Organics Super Nitro Bat Guano, 9 lbs	79.99

ROOTS ORGANICS NITRO BAT GUANO 9-3-1

Carefully processed and sifted to make it easy to work with, Roots Organics Nitro Bat Guano encourages vigorous growth and is fast acting for quick results. All of the Roots Organics guanos have been carefully sourced for quality and harvested with bat friendly methods so you and your garden get performance with principles.



ITEM CODE	DESCRIPTION	SRP
RONB3	Roots Organics Nitrogen Bat Guano, 3 lbs	\$14.99
RONB9	Roots Organics Nitrogen Bat Guano, 9 lbs	35.99

ROOTS ORGANICS UPRISING



UPRISING BLOOM 3-6-4 Derived from fish bone meal, oyster shell flour, kelp meal, greensand, soybean meal, glacial rock dust, alfalfa meal, feather meal, bat guano, langbeinite, rock phosphate, leonardite, and hop flowers.

UPRISING FOUNDATION 3-1-1 From fish bone meal, oyster shell flour, kelp meal, greens and, soybean meal, glacial rock dust, alfalfa meal, feather meal, bat guano, langbeinite, rock phosphate, and leonardite. Supplements for calcium, magnesium, and iron.

UPRISING GROW 6-5-1.5 Encourages vigorous growth, from bat guano, worm castings, fish bone meal, kelp meal, greensand, soybean meal, glacial rock dust, alfalfa meal, feather meal, langbeinite, fish meal, dolomite, montmorillonite, composted chicken manure, crab meal, blood meal, and nettle leaf.



ITEM CODE	DESCRIPTION	SRP
ROUB3	Roots Organics Uprising Bloom, 3 lbs	\$11.99
ROUB9	Roots Organics Uprising Bloom, 9 lbs	32.99
ROUB20	Roots Organics Uprising Bloom, 20 lbs	55.99
ROUB40	Roots Organics Uprising Bloom, 40 lbs	96.99
ROUF3	Roots Organics Uprising Foundation, 3 lbs	\$17.99
ROUF9	Roots Organics Uprising Foundation, 9 lbs	37.99
ROUF20	Roots Organics Uprising Foundation, 20 lbs	66.99
ROUF40	Roots Organics Uprising Foundation, 40 lbs	117.99
ROUG3	Roots Organics Uprising Grow, 3 lbs	\$19.99
ROUG9	Roots Organics Uprising Grow, 9 lbs	45.99
ROUG20	Roots Organics Uprising Grow, 20 lbs	80.99
ROUG40	Roots Organics Uprising Grow, 40 lbs	144.99

Feed charts on pp. 365–392 or at Hydrofarm.com

ROOTS ORGANICS SEA BIRD GUANO



An excellent source of phosphate and calcium. Carefully sifted and processed to make it easy to work with, it encourages vigorous growth and is fast acting for quick results.



ITEM CODE	DESCRIPTION	SRP
ROPSBG3	Roots Organics Sea Bird Guano Granular, 3 lbs	\$11.99
ROPSBG9	Roots Organics Sea Bird Guano Granular, 9 lbs	29.99
ROPSBG20	Roots Organics Sea Bird Guano Granular, 20 lbs	53.99
ROPSBG40	Roots Organics Sea Bird Guano Granular, 40 lbs	67.99
ROPSBP3	Roots Organics Sea Bird Guano Powder, 3 lbs	\$10.99
ROPSBP9	Roots Organics Sea Bird Guano Powder, 9 lbs	27.99
ROPSBP20	Roots Organics Sea Bird Guano Powder, 20 lbs	49.99
ROPSBP40	Roots Organics Sea Bird Guano Powder, 40 lbs	61.99



More sizes available at Hydrofarm.com



ROOTS ORGANICS ELEMENTAL .25-.01-1 + CA 20%

This macronutrient and micronutrient supplement was specifically created to augment calcium and magnesium levels and prevent deficiencies that can occur with fast-growing plants. Contains calcium, an essential nutrient for plant health due to its role in cell walls, membranes and other biochemical processes; and magnesium, a central component of the chlorophyll molecule. Supplementing calcium and magnesium is one of the secrets of expert growers and results in more vigorous plants and larger yields.



ITEM CODE	DESCRIPTION	SRP
ROEL3	Roots Organics Elemental, 3 lbs	\$23.99
ROEL9	Roots Organics Elemental, 9 lbs	59.99
ROEL20	Roots Organics Elemental, 20 lbs	109.99
ROEL40	Roots Organics Elemental, 40 lbs	209.99

ROOTS ORGANICS PHOS BAT GUANO 0-7-0

An excellent source of phosphorus and calcium. Carefully processed and sifted to make it easy to work with, Roots Organics Phos Bat Guano encourages vigorous flowering and fruiting.



ITEM CODE	DESCRIPTION	SRP
ROPB3	Roots Organics Phos Bat Guano, 3 lbs	\$11.99
ROPB9	Roots Organics Phos Bat Guano, 9 lbs	29.99

ROOTS ORGANICS OREGONISM

Super-soluble formulation of endo/ecto-mycorrhizae, beneficial bacteria, and trichoderma – the species of microorganisms specifically selected for fruiting and flowering plants with a tolerance to heavy fertilizing. Mycorrhizae colonize the root zone, forming a symbiosis with the plant's roots, massively increasing size and effective surface area for greater nutrient uptake, resistance to disease, and increased tolerance to drought. Produces plant and root growth and protects against pathogens.



ITEM CODE	DESCRIPTION	SRP
ROIXP	Roots Organics Oregonism XL, 1.8 oz	\$11.99
ROIX4	Roots Organics Oregonism XL, 4 oz	19.99
ROIX8	Roots Organics Oregonism XL, 8oz	29.99
ROIX1	Roots Organics Oregonism XL 1 lb	55.99



SOUL SYNTHETICS BLOOM 1.5-4-5.3

Highly soluble synthetic fertility components enhanced with powerful organic extracts for both maximum yields and spectacular flavor. Balanced for more of what a plant needs during its bloom stage, and purposely created to be user friendly and pH stable.



ITEM CODE	DESCRIPTION	SRP
ROSSBQ	Soul Synthetics Bloom, 1 qt	\$18.99
ROSSBG	Soul Synthetics Bloom, 1 gal	53.99
ROSSB2.5G	Soul Synthetics Bloom, 2.5 gal	115.99
ROSSB5G	Soul Synthetics Bloom, 5 gal	213.99

SOUL SYNTHETICS GROW 3-1.25-1.25

A synergistic blend of highly soluble synthetic fertility components enhanced with powerful organic extracts for both maximum yields and spectacular flavor. Grow is balanced for more of what a plant needs during its vegetative growth stage, created to be pH stable.



ITEM CODE	DESCRIPTION	SRP
ROSSGQ	Soul Synthetics Grow, 1 qt	\$18.99
ROSSGG	Soul Synthetics Grow, 1 gal	53.99
ROSSG2.5G	Soul Synthetics Grow, 2.5 gal	115.99
ROSSG5G	Soul Synthetics Grow, 5 gal	213.99

SOUL SYNTHETICS AMINO-AIDE 5-0-5

A complex amino acid blend specifically formulated to increase plant vigor and yields. Chemists at Aurora Innovations created this blend of amino acids after extensive, hands-on research into compounds that can be beneficial for plant growth and yields. Great for both soil and hydroponic gardening.



ITEM CODE	DESCRIPTION	SRP
ROSSAAC	Soul Synthetics Amino Aide, 1 cup	\$25.99
ROSSAP	Soul Synthetics Amino Aide, 1 pt	35.99
ROSSAAQ	Soul Synthetics Amino Aide, 1 qt	49.99
ROSSAAG	Soul Synthetics Amino Aide, 1 gal	149.99
ROSSAA2.5G	Soul Synthetics Amino Aide, 2.5 gal	349.99
ROSSAA5G	Soul Synthetics Amino Aide, 5 gal	659.99



SOUL SYNTHETICS BIG SWELL 2-5-3

Designed specifically to increase flower size, vigor, density, and quality. A distinctive formula of botanical extracts, amino acids, and versatile carbohydrates combined with a specific ratio of readily available phosphorus and potassium.



ITEM CODE	DESCRIPTION	SRP
ROSSBSC	Soul Synthetics Big Swell, 1 cup	\$25.99
ROSSBSP	Soul Synthetics Big Swell, 1 pt	35.99
ROSSBSQ	Soul Synthetics Big Swell, 1 qt	49.99
ROSSBSG	Soul Synthetics Big Swell, 1 gal	149.99
ROSSBS2.5G	Soul Synthetics Big Swell, 2.5 gal	349.99
ROSSBS5G	Soul Synthetics Big Swell, 5 gal	659.99

SOUL SYNTHETICS GROW-N 8-0-0

Grow-N nitrogen supplement was crafted for faster growth demands from high performance fertilizers. A blend of organic and synthetic nitrogen and calcium sources designed for maximum effect and high solubility.



ITEM CODE	DESCRIPTION	SRP
ROSSGNC	Soul Synthetics Grow-N, 1 cup	\$15.99
ROSSGNQ	Soul Synthetics Grow-N, 1 qt	21.99
ROSSGNG	Soul Synthetics Grow-N, 1 gal	59.99
ROSSGN2.5G	Soul Synthetics Grow-N, 2.5 gal	139.99
ROSSGN5G	Soul Synthetics Grow-N, 5 gal	259.99

SOUL SYNTHETICS INFINITY 0.5-2.5-1.5

A complex blend of powerful organic compounds combined with choice plant nutrition. Specially formulated to increase vigor and prevent micronutrient deficiencies common in fast growing and heavy feeding plants.



ITEM CODE	DESCRIPTION	SRP
ROSSIQ	Soul Synthetics Infinity, 1 qt	\$28.99
ROSSIG	Soul Synthetics Infinity, 1 gal	71.99
ROSSI2.5G	Soul Synthetics Infinity, 2.5 gal	159.99
ROSSI5G	Soul Synthetics Infinity, 5 gal	299.99

More sizes
available at
Hydrofarm.com

SOUL SYNTHETICS PEAK 0-12-7

Bloom finisher contains unique, proprietary botanical extracts as well as ample phosphorus and potassium to encourage the highest density in flowering. Supports the development of intense features and show quality blooms in your favorite flowers.



ITEM CODE	DESCRIPTION	SRP
ROSSPKQ	Soul Synthetics Peak, 1 qt	\$25.99
ROSSPKG	Soul Synthetics Peak, 1 gal	79.99
ROSSPK2.5G	Soul Synthetics Peak, 2.5 gal	179.99
ROSSPK5G	Soul Synthetics Peak, 5 gal	319.99



PLAYER PACKS AND MASTER PACK

These sample packs offer a powerful complete program at an economical price.

SOUL SYNTHETICS PLAYER PACK is for use with coco fiber and hydroponics, and works great in soil as well. Includes 16 oz. each of Grow, Bloom, and Infinity, and 8 oz. each of Grow-N, Amino Aide, Big Swell, and Peak.

ROOTS ORGANICS PLAYER PACK is for use with potting soil. Includes 16 oz. each of Buddha Grow, Buddha Bloom, and Trinity; 8 oz. each of Extreme Serene, Ancient Amber, HP2 and HPK; and 1.8 oz. Oregonism XL.

ROOTS ORGANICS MASTER PACK is for use with potting soil. Includes everything in the Roots Organic Player Pack, PLUS 8 oz., each of Amino Aide and Big Swell.

ITEM CODE	DESCRIPTION	SRP
ROSSPLAY	Soul Synthetics Player Pack	\$44.99
ROPLAY	Roots Organics Player Pack	44.99
ROMP	Roots Organics Master Pack	49.99



BLOOMBASTIC

Bloombastic is a revolutionary nutritional supplement based on optimal levels of bio mineral nutrients combined with next generation ATA biological stimulants to create a one-of-a-kind nutrient additive specifically designed for the flowering and ripening of your plants.



ITEM CODE	DESCRIPTION	SRP
TNBB941024	Bloombastic, 80 ml	\$31.78
TNBB941007	Bloombastic, 325 ml	95.43
TNBB941006	Bloombastic, 1250 ml	222.74
TNBB941016	Bloombastic, 5.5 L	933.59

Feed charts on pp. 365–392
or at Hydrofarm.com

ROOTBASTIC

Looking for a versatile nutrient booster that will create explosive root production with unprecedented speed? One that makes them stronger and healthier and is ideal for after planting stem cuttings when the first roots are visible? Then Rootbastic is for you!

- Super concentrated
- Creates explosive root production
- Increases resistance to environmental stress
- Combination of high NPK bio stimulants and bio minerals



ITEM CODE	DESCRIPTION	SRP
TNRB80ML	Rootbastic, 80 ml	\$43.42
TNRB250ML	Rootbastic, 250 ml	82.84
TNRB500ML	Rootbastic, 500 ml	159.95
TNRB80MLCA	Rootbastic, 80 ml – CA, OR, TX, WA only	\$43.42
TNRB250MLCA	Rootbastic, 250 ml – CA, OR, TX, WA only	82.84
TNRB500MLCA	Rootbastic, 500 ml – CA, OR, TX, WA only	159.95

Check with your retailer for local availability.

B'CUZZ BLOOM STIMULATOR 0-0-0.7

Stimulates flower cell growth, increases production and transport of sugars for full, dense flowers and a higher yield.



ITEM CODE	DESCRIPTION	SRP
BZB12	B'CuZZ Bloom, 12 oz	\$23.34
BZBQT	B'CuZZ Bloom, 32 oz	46.68
BZBGAL	B'CuZZ Bloom, 1 gal	159.14

B'CUZZ GROWTH STIMULATOR 1.0-0-0.7

100% organic, concentrated plant stimulators for hydroponic reservoirs or soil. Fortifies, protects from heat, dry air, pests, diseases & nutritional inadequacies. Enhances micro-biological life in root zone & accelerates metabolic processes.



ITEM CODE	DESCRIPTION	SRP
BZG12	B'CuZZ Grow, 12 oz	\$23.34
BZGQT	B'CuZZ Grow, 32 oz	46.68
BZGGAL	B'CuZZ Grow, 1 gal	159.14

B'CUZZ ROOT STIMULATOR 0-0-0.7

Root stimulator and disease inhibitor that encourages explosive root production. For use with all types of growing media and made from pure biological sources to help protect against a wide range of plant diseases.



ITEM CODE	DESCRIPTION	SRP
BZR12	B'CuZZ Root, 12 oz	\$23.34
BZRQT	B'CuZZ Root, 32 oz	46.68
BZRGAL	B'CuZZ Root, 1 gal	159.14



B'CUZZ NUTRIENT KITS

These kits are perfect for “newbies” looking for an affordable, simple to follow, complete nutrient feeding system, and also for the more experienced grower looking for better results without costly experimenting.

B'CUZZ SOIL MICRO KIT WITH STIMULANTS

Designed specifically for use with peat-based substrates. Kit contains: one 355 ml Soil A and B Base Nutrients; one 355 ml of PK-13-14; three 100 ml of Root, Growth and Bloom Stimulants.



B'CUZZ COCO MICRO KIT

Designed specifically for use with coco substrate. Kit contains: one 355 ml Coco A and B Base Nutrients; one 355 ml PK-13-14; three 100 ml Root, Growth and Bloom Stimulants.



B'CUZZ BIO-NRG MICRO KIT

Designed specifically for organic gardens. Kit contains: one 355 ml Growth C; one 355 ml Bloom C; one 355 ml of Flavor; three 100 ml of Root, Growth and Bloom Stimulants.



B'CUZZ HYDRO MICRO KIT

Specifically for growing hydroponically. Kit contains: one 355 ml Hydro A and B Base Nutrients; one 355 ml PK-13-14; three 100 ml Root, Growth and Bloom Stimulants.



ITEM CODE	DESCRIPTION	SRP
BZMSOILKIT	B'Cuzz Soil Micro Kit w/Stimulants	\$39.95
BZMBIOKIT	B'Cuzz Bio-NRG Micro Kit w/Stimulants	49.95
BZMCOCOKIT	B'Cuzz Coco Micro Kit w/ Stimulants	49.95
BZMHYDROKIT	B'Cuzz Hydro Micro Kit w/Stimulants	39.95

**Feed charts on pp. 365–392
or at Hydrofarm.com**

B'CUZZ HYDRO & SOIL

Professional bio-mineral nutrition, providing a stable and biological equilibrium of the substrate with necessary nutrients for the whole growth stage. **B'CUZZ SOIL NUTRIENT** The base for fine growing results on soil and/or potting compost. Use inside or outside. **B'CUZZ HYDRO** was developed for cultivation in hydroponic systems where the nutrient solution drains away from the substrate after irrigation and is not re-used. Use with rockwool and mapito.



ITEM CODE	DESCRIPTION	SRP
SOIL NUTRITION		
BZSOILA1L	B'Cuzz Soil Nutrition A, 1 L	\$16.10
BZSOILA5L	B'Cuzz Soil Nutrition A, 5 L	51.50
BZSOILA10L	B'Cuzz Soil Nutrition A, 10 L	85.75
BZSOILA20L	B'Cuzz Soil Nutrition A, 20 L	155.00
BZSOILB1L	B'Cuzz Soil Nutrition B, 1 L	\$16.10
BZSOILB5L	B'Cuzz Soil Nutrition B, 5 L	51.50
BZSOILB10L	B'Cuzz Soil Nutrition B, 10 L	85.75
BZSOILB20L	B'Cuzz Soil Nutrition B, 20 L	155.00
HYDRO NUTRITION		
BZHYDROA1L	B'Cuzz Hydro Nutrition A, 1 L	\$16.10
BZHYDROA5L	B'Cuzz Hydro Nutrition A, 5 L	51.50
BZHYDROA10L	B'Cuzz Hydro Nutrition A, 10 L	85.75
BZHYDROA20L	B'Cuzz Hydro Nutrition A, 20 L	155.00
BZHYDROB1L	B'Cuzz Hydro Nutrition B, 1 L	\$16.10
BZHYDROB5L	B'Cuzz Hydro Nutrition B, 5 L	51.50
BZHYDROB10L	B'Cuzz Hydro Nutrition B, 10 L	85.75
BZHYDROB20L	B'Cuzz Hydro Nutrition B, 20 L	155.00

ATAMI COCO NUTRITION A & B

This two-part coco nutrient formula was developed for use with coco coir growing media in growing pots or bags (non recirculating systems). It has been adjusted to the properties of the coconut substrate and contains natural compounds, humus-acids, and fulvic-acids through which the plant can optimally absorb all nutrient. Use Atami Coco A&B to fulfill both the vegetative and flowering stages.



ITEM CODE	DESCRIPTION	SRP
BZCOCOA1L	Atami Coco Nutrition A, 1 L	\$16.10
BZCOCOA5L	Atami Coco Nutrition A, 5 L	65.50
BZCOCOA10L	Atami Coco Nutrition A, 10 L	114.00
BZCOCOA20L	Atami Coco Nutrition A, 20 L	207.00
BZCOCOB1L	Atami Coco Nutrition B, 1 L	\$16.10
BZCOCOB5L	Atami Coco Nutrition B, 5 L	65.50
BZCOCOB10L	Atami Coco Nutrition B, 10 L	114.00
BZCOCOB20L	Atami Coco Nutrition B, 20 L	207.00



B'CUZZ BOOSTER PACK

Available for the first time: a trial size of all of Atami's world renowned stimulants in one box. Atami stimulants are engineered to steer your crop for optimum results.

Contains three 100ml bottles – one each of Root, Growth, and Bloom Nutrient additives – along with simple to use instructions.



ITEM CODE	DESCRIPTION	SRP
BZBOOSTERKIT	B'cuzz Booster Pack	\$19.95

BIO-NRG BLOOM C & GROWTH C

BLOOM-C encourages beautiful and bountiful blooms. Contents are derived from molasses, rock phosphate, and all-natural seaweed. **GROWTH-C** is a hybrid vegetative liquid plant nutrient and is suited for all stages of development.



ITEM CODE	DESCRIPTION	SRP
BZBIOBC1L	Bio-NRG Bloom C, 1 L	\$17.20
BZBIOBC5L	Bio-NRG Bloom C, 5 L	69.01
BZBIOBC10L	Bio-NRG Bloom C, 10 L	118.45
BZBIOBC20L	Bio-NRG Bloom C, 20 L	226.60
BZBIOGC1L	Bio-NRG Growth C, 1 L	\$17.20
BZBIOGC5L	Bio-NRG Growth C, 5 L	69.01
BZBIOGC10L	Bio-NRG Growth C, 10 L	118.45
BZBIOGC20L	Bio-NRG Growth C, 20 L	226.60

BIO-NRG FLAVOR C

Flavor C is a taste improvement agent that enhances the flavor of fruits and vegetables. Contents are derived from molasses, rock phosphate and all-natural seaweed. Do not use in drip systems as clogging may occur.



ITEM CODE	DESCRIPTION	SRP
BZBIOF1L	Bio-NRG Flavor C, 1 L	\$17.20
BZBIOF5L	Bio-NRG Flavor C, 5 L	69.01
BZBIOF10L	Bio-NRG Flavor C, 10 L	118.45
BZBIOF20L	Bio-NRG Flavor C, 20 L	226.60

B'CUZZ PK13/14 0-13-14

High-quality preparation of phosphorous and potassium. Flowering booster; ensures firm, dense flowers.



ITEM CODE	DESCRIPTION	SRP
BZPK13141L	B'CuZZ PK13/14, 1 L	\$20.60
BZPK13145L	B'CuZZ PK13/14, 5 L	92.70

B'CUZZ BLOSSOM BUILDER

100% flower multipliers that ensure flower development in the flower phase. Ensures the strength of the plant is directed towards the flowers at the end of the growth. Can be used in earth, hydro, and coco applications. Available as liquid or convenient tabzz.



ITEM CODE	DESCRIPTION	SRP
BZBB100ML	B'CuZZ Blossom Builder, 100 ml	\$20.60
BZBB12	B'CuZZ Blossom Builder, 12 oz	48.09
BZBBQT	B'CuZZ Blossom Builder, 1 qt	144.15
BZTABBZ	B'CuZZ Blossom Builder Tabzz	\$123.60



DARK ENERGY 2-0-0

A blend of L-amino acids that enhance the bloom stage by stimulating the natural production of ethylene, a flowering and ripening hormone. Trials show an increase in ethylene concentration and reduced time to harvest and ripening.



ITEM CODE	DESCRIPTION	SRP
AH88011	Dark Energy, 16 oz	\$29.95
AH88012	Dark Energy, 32 oz	49.95
AH88013	Dark Energy, 1 gal	144.95
AH88090	Dark Energy, 2.5 gal	319.95
AH88091	Dark Energy, 5 gal	599.95

SUPERNOVA 1-1-1

A nutrient additive containing macro and micro-nutrients, carbohydrates, amino acids, and vitamins. Promotes bushier plants with an increase in flowering sites. Contains specialized amino acids and betaines, which make plants more tolerant to high nutrient levels and drought.



ITEM CODE	DESCRIPTION	SRP
AH88046	SuperNova, 16 oz	\$26.95
AH88047	SuperNova, 32 oz	39.95
AH88048	SuperNova, 1 gal	124.95
AH88092	SuperNova, 2.5 gal	289.95
AH88093	SuperNova, 5 gal	544.95

COMPANION MICROBIAL INOCULANT

An all natural microbial inoculant that can be used in soil or hydroponics. Each ounce contains a staggering 43 million beneficial Bacillus Subtilis GB03 bacteria. Also helps reduce transplant shock, stimulate root growth, and make nutrients more available for plant uptake.



ITEM CODE	DESCRIPTION	SRP
AH98103	Companion Microbial Inoculant, 1 qt	\$49.95

SUPER CHARGER

A vitamin supplement containing A & B-complex, C, E, antioxidants, peptides, and trace minerals, which aids in production of ATP, a form of plant energy. Guards against environmental damage, resulting in more vigorous growth. Super Charger is a must for plants growing in extreme conditions!



ITEM CODE	DESCRIPTION	SRP
AH88060	Super Charger - 12 caps/ bottle	\$17.95

BIOBIZZ®



BIOBIZZ TRYPACKS

These high quality complete packs are easy to handle, easy to use, easy to combine, and easy to pay. Each Trypack contains three products that will allow the grower to gain experience with the Biobizz organic products that are suitable to be applied in any hydroponic system. Get the best of both worlds with the organic quality and the hydroponic quantity.

TRYPACK HYDRO

Do you grow hydroponically but you are tired of feeding minerals to your plants? Do you want to enjoy the natural taste of an organic harvest but can't let your system go? The Hydro-Pack will stimulate an optimal root development and protection by using organics in your hydro system. Contains 250 ml each of Bio-Bloom, Bio-Heaven, and Top-Max.



TRYPACK INDOOR

If indoor cultivation is your choice and you don't know how to start, let Biobizz make it easy for you. The Indoor-Pack contains 250 ml each of Bio-Bloom, Bio-Grow, and Top-Max – a combination that will allow you to gain experience with the Biobizz organic fertilizers range as it provides basic feeding for 1–4 plants.



TRYPACK OUTDOOR

If the climate in your region allows it and outdoor cultivation is your choice, let Biobizz make it easy for you! This pack boosts natural minerals and (micro) organisms and stimulates the production of useful bacteria. The high levels of proteins will also help to create a rich organic outdoor substrate. Contains 250 ml each of Bio-Bloom, Fish-Mix, and Top-Max.



TRYPACK STIMULANT

Do your plants need a boost? The Biobizz Stimulant-Pack delivers sweeter taste, bigger plants, and better results than ever, for both the hydroponic and the organic grower! Contains 250 ml each of Root-Juice, Top-Max, and Alg-A-Mic.



ITEM CODE	DESCRIPTION	SRP
BBTPHYDRO	Trypack Hydro	\$53.95
BBTPINDOOR	Trypack Indoor	22.95
BBTPOUTDOOR	Trypack Outdoor	22.95
BBTPSTIMULANT	Trypack Stimulant	44.95

BIOBIZZ®

BIO-BLOOM

A complete liquid organic fertilizer with a small amount of nitrogen and enough phosphorus and potassium to ensure exuberant flowering. Also contains trace elements and hormones of vegetable origin, plus enzymes, and amino acids.

ITEM CODE	DESCRIPTION	SRP
BBB500ML	Bio-Bloom, 500 ml	\$11.95
BBB1L	Bio-Bloom, 1 L	21.95
BBB5L	Bio-Bloom, 5 L	75.95
BBB10L	Bio-Bloom, 10 L	147.95



BIO-GROW

A growth liquid fertilizer applicable to most types of dirt and substrate mixtures. Activates the substrates' bacterial flora due to its base of 100% of Dutch organic sugar beet extract. Contains 70 trace elements and vitamins B1, B2, C, and E. Low phosphate content.

ITEM CODE	DESCRIPTION	SRP
BBG500ML	Bio-Grow, 500 ml	\$11.95
BBG1L	Bio-Grow, 1 L	21.95
BBG5L	Bio-Grow, 5 L	77.95
BBG10L	Bio-Grow, 10 L	147.95



TOP-MAX

100% organic flowering strengthener with the threefold purpose of dramatically increasing the actual size and weight of floral clusters, leaving a sweet smooth taste in the finished product, and facilitating uptake of nutrients within the plant.

ITEM CODE	DESCRIPTION	SRP
BBTM500ML	Top-Max, 500 ml	\$27.95
BBTM1L	Top-Max, 1 L	52.95
BBTM5L	Top-Max, 5 L	176.95
BBTM10L	Top-Max, 10 L	301.95



ALG-A-MIC

Made from high-grade organic seaweed concentrate extracted through cold-press rather than chemical solvents. Contains high content of trace elements and hormones of vegetable origin, naturally occurring amino acids, and vitamins. Provides exuberant green and disease resistance.

ITEM CODE	DESCRIPTION	SRP
BBALG500ML	Alg-A-Mic, 500 ml	\$24.95
BBALG1L	Alg-A-Mic, 1 L	37.95
BBALG5L	Alg-A-Mic, 5 L	166.95
BBALG10L	Alg-A-Mic, 10 L	272.95



Feed charts on pp. 365–392
or at Hydrofarm.com

BIO-HEAVEN

Highly concentrated plant energy booster which contains carefully selected biological stimulants such as amino acids. Improves yield and quality of harvest by improving moisture retention and reducing moisture stress. Stimulates enzymatic systems to increase plant respiration and rapid and complete uptake of key nutrients.

ITEM CODE	DESCRIPTION	SRP
BBBH250ML	Bio-Heaven, 250 ml	\$26.95
BBBH500ML	Bio-Heaven, 500 ml	49.95
BBBH1L	Bio-Heaven, 1 L	95.95
BBBH5L	Bio-Heaven, 5 L	317.95



FISH-MIX

Contains substrates to stimulate bacterial flora and accelerate growth. It is an infusion of organic fish emulsion from the North Sea mixed with horticultural extract of Dutch sugar beet. Boosts growth of living organisms in the substrate, and improves and stimulates production of micro organisms and useful bacteria in every type of soil and coco.

ITEM CODE	DESCRIPTION	SRP
BBFM500ML	Fish-Mix, 500 ml	\$12.95
BBFM1L	Fish-Mix, 1 L	22.95
BBFM5L	Fish-Mix, 5 L	84.95
BBFM10L	Fish-Mix, 10 L	160.95



ROOT-JUICE

A harmonious balance of premium humic and fulvic acids with seaweed, formulated for organically promoting vigorous root development biological life of the radicular system producing explosive growth. Use with hydroponic dirt crop and in coconut substrate.

ITEM CODE	DESCRIPTION	SRP
BBRJ250ML	Root-Juice, 250 ml	\$18.95
BBRJ1L	Root-Juice, 1 L	52.95
BBRJ5L	Root-Juice, 5 L	251.95



BIOBIZZ STARTERS-PACK

The BioBizz Starters-Pack is a fantastic collection of products from an indoor gardening favorite. More than just a sampler, there's enough nutrient in this package for a great start to any indoor garden! Works great outdoors, too!

This Starters-Pack includes Bio-Bloom 1L, Bio-Grow 1L, TopMax 500ml, BioHeaven 250ml, RootJuice 250ml, 1 measuring cup, and 1 BioBizz pen.

ITEM CODE	DESCRIPTION	SRP
BBSTARTPK	BioBizz Starters-Pack	\$87.95





PURE BLEND PRO

Contains only natural sources of essential major, secondary, and trace minerals from the land and sea in a 100% soluble form. Promotes vigorous, lush green vegetation and encourage the development of vigorous buds, fruits, and flowers. Pure Blend Pro is formulated for all hydroponics and soil applications, and can be used with all substrates including coco fiber.



ITEM CODE	DESCRIPTION	SRP
BCPBQBQT	Pure Blend Pro Bloom 2-3-5, 1 qt	\$22.95
BCPBQBAL	Pure Blend Pro Bloom 2-3-5, 1 gal	55.95
BCPBQB2.5	Pure Blend Pro Bloom 2-3-5, 2.5 gal	124.50
BCPBQB5	Pure Blend Pro Bloom 2-3-5, 5 gal	226.95
BCPBQGQT	Pure Blend Pro Grow 3-2-4, 1 qt	\$22.95
BCPBQGAL	Pure Blend Pro Grow 3-2-4, 1 gal	55.95
BCPBQG2.5	Pure Blend Pro Grow 3-2-4, 2.5 gal	124.50
BCPBQG5	Pure Blend Pro Grow 3-2-4, 5 gal	226.95

PURE BLEND PRO SOIL FORMULA 1-4-5

Designed for plants cultivated in soil and coco. Contains only natural sources of essential major, secondary, and trace minerals from the land and sea in a 100% soluble form. Encourages development of vigorous buds, fruits, and flowers. Cultivating plants in soil requires higher phosphorous levels. Pure Blend Pro Soil 1-4-5 offers this needed phosphorus and provides nutritional value for blooming fruiting and flowering plants.



ITEM CODE	DESCRIPTION	SRP
BCPBPSQT	Pure Blend Pro Soil 1-4-5, 1 qt	\$22.95
BCPBPSGAL	Pure Blend Pro Soil 1-4-5, 1 gal	55.95
BCPBPS2.5	Pure Blend Pro Soil 1-4-5, 2.5 gal	124.50
BCPBPS5	Pure Blend Pro Soil 1-4-5, 5 gal	226.95

PURE BLEND TEA

(REPLACES PURE BLEND ORIGINAL BLOOM & GROW)

Pure Blend Tea combines the key elements of both Pure Blend Original Grow and Bloom, into one highly effective formula. Pure Blend Tea is enhanced and fortified with a premium blend of ultra-soluble humates, organic plant acids, trace minerals, vitamins, and select amino acids – redefining what a complete organic plant booster can be.



ITEM CODE	DESCRIPTION	SRP
BCNSPBTQT	Pure Blend Tea, 1 qt	\$13.95
BCNSPBTGAL	Pure Blend Tea, 1 gal	34.95
BCNSPBT2.5	Pure Blend Tea, 2.5 gal	77.95
BCNSPBT5	Pure Blend Tea, 5 gal	141.95

LIQUID KARMA 0.1-0.1-0.5

Formulated by a Ph.D. plant physiologist, this bio-catalyst plant stimulant has active organic compounds not found in regular plant foods or supplements. These compounds act as regulatory signals, activators or catalysts producing synchronized and accelerated growth under all conditions.



ITEM CODE	DESCRIPTION	SRP
BC32302	Liquid Karma, 1 qt	\$28.95
BC32303	Liquid Karma, 1 gal	69.95
BC32304	Liquid Karma, 2.5 gal	157.95
BC32305	Liquid Karma, 5 gal	287.50

CNS17 BLOOM 2-2-5 & CNS17 GROW 3-2-4

Professional grade fertilization program consisting of CNS17 Bloom (2-2-5) and Grow (3-2-4). Each component is highly-concentrated with chelates and the essential elements plants require to reach their full potential. CNS17 Bloom and Grow are suited for any plant, in any medium; however, they are designed to equalize increased levels of potassium found in some coir-based media.



ITEM CODE	DESCRIPTION	SRP
BCCNS17BQT	CNS17 Bloom, 1 qt	\$10.95
BCCNS17BGAL	CNS17 Bloom, 1 gal	27.50
BCCNS17B2.5	CNS17 Bloom, 2.5 gal	58.50
BCCNS17B5	CNS17 Bloom, 5 gal	108.95
BCCNS17GQT	CNS17 Grow, 1 qt	\$10.95
BCCNS17GGAL	CNS17 Grow, 1 gal	27.50
BCCNS17G2.5	CNS17 Grow, 2.5 gal	58.50
BCCNS17G5	CNS17 Grow, 5 gal	108.95

CNS17 COCO & SOIL

A highly concentrated, economical nutrient that produces premium results for both commercial and small scale growers. Formulated for use with coir fiber and soil, CNS17 Coco and Soil formula is element rich, with seventeen essential elements, making it ideal for producing a wide range of vegetables, while supporting the development of flowering and fruiting plants grown in coco and soil mediums.



ITEM CODE	DESCRIPTION	SRP
BCNCNSCBQT	CNS17 Coco Bloom, 1 qt	\$10.95
BCNCNSCBGAL	CNS17 Coco Bloom, 1 gal	27.50
BCNCNSCB2.5	CNS17 Coco Bloom, 2.5 gal	58.50
BCNCNSCB5	CNS17 Coco Bloom, 5 gal	108.95
BCNCNSCGQT	CNS17 Coco Grow, 1 qt	\$10.95
BCNCNSCGGAL	CNS17 Coco Grow, 1 gal	27.50
BCNCNSCG2.5	CNS17 Coco Grow, 2.5 gal	58.50
BCNCNSCG5	CNS17 Coco Grow, 5 gal	108.95



CNS17 RIPE

CNS17 Ripe (1-5-4) ripening formula for use during the end stages of the bloom cycle to increase fruiting and flowering. Use during the last 3-4 weeks of the bloom phase.



ITEM CODE	DESCRIPTION	SRP
BCNCNSR8	CNS17 Ripe, 8 oz	\$4.95
BCNCNSRQT	CNS17 Ripe, 1 qt	10.95
BCNCNSRGAL	CNS17 Ripe, 1 gal	27.50
BCNCNSR2.5	CNS17 Ripe, 2.5 gal	58.50
BCNCNSR5	CNS17 Ripe, 5 gal	108.95

CAL-MAG PLUS 2-0-0

A custom designed, highly beneficial calcium, magnesium, iron, and trace mineral plant nutrient supplement that helps with calcium, magnesium, and iron deficiencies in nutrient fertilizer programs.



ITEM CODE	DESCRIPTION	SRP
BCCMQT	Cal-Mag Plus, 1 qt	\$19.50
BCCMGAL	Cal-Mag Plus, 1 gal	48.50
BCCM2.5	Cal-Mag Plus, 2.5 gal	105.95
BCCM5	Cal-Mag Plus, 5 gal	198.95

Check out our blog!

The Blog is full of interesting stories, tips, and photos written by some of the leading experts in the industry.

Hydrofarm.com/resources/blog



CLEAREX SALT LEACHING SOLUTION

#1 salt-leaching solution in North America. High salt concentrations in the soil solution cause a shrinkage of plant cell protoplasm away from the cell wall as a result of osmosis. This condition, known as plasmolysis, can eventually lead to irreversible wilting.



ITEM CODE	DESCRIPTION	SRP
BCCSLSQT	Clearex, 1 qt	\$13.25
BCCSLSGAL	Clearex, 1 gal	32.95
BCCSLSD2.5	Clearex, 2.5 gal	71.25
BCCSL5	Clearex, 5 gal	133.50

HYDROGUARD

Hydroguard is back with a new, clean look and a more powerful, concentrated formula. Hydroguard's reformulation makes it even more effective than before. Its unique formula, available exclusively from Botanicare, contains an isolated form of Bacillus bacteria known as Bacillus Amyloliquefaciens. This scientifically isolated bacterium was selected for its superior ability to amplify root mass and vigor, especially in hydroponic gardening, when compared with the more common and well known Bacillus Subtilis species. These highly specialized rhizobacteria assist in the breakdown of organic materials, and may increase nutrient availability.



ITEM CODE	DESCRIPTION	SRP
BCNBHG8	Hydroguard, 8 oz	\$13.00
BCNBHGQT	Hydroguard, 1 qt	31.00
BCNBHGGAL	Hydroguard, 1 gal	75.90
BCNBHG5	Hydroguard, 5 gal	307.90
BCNBHG25	Hydroguard, 2.5 gal	169.00
BCNBHG15	Hydroguard, 15 gal	\$850.00

HYDROPLEX BLOOM

This premium plant nutrient supplement contains optimum levels of potassium and phosphorus to encourage rapid bud formation and amplified flower size. Contains a vast array of essential amino acids involved in the transfer of ribonucleic acids (t-RNAs) and DNA synthesis; high potency vitamins; and a wide range of trace minerals.



ITEM CODE	DESCRIPTION	SRP
BCNSHPB8	Hydroplex Bloom, 8 oz	\$16.50
BCNSHPBQT	Hydroplex Bloom, 1 qt	36.75
BCNSHPBGAL	Hydroplex Bloom, 1 gal	90.95
BCNSHPB2.5	Hydroplex Bloom, 2.5 gal	197.95
BCNSHPB5	Hydroplex Bloom, 5 gal	379.95



SILICA BLAST

Helps strengthen plant tissue, helping plants flourish in adverse environmental conditions such as heat, drought, and frost. For use in container gardens or soilless hydrogardening applications.



ITEM CODE	DESCRIPTION	SRP
BCSIBQT	Silica Blast, 1 qt	\$17.95
BCSIBGAL	Silica Blast, 1 gal	43.50
BCSIB2.5GAL	Silica Blast, 2.5 gal	96.95
BCSIB5GAL	Silica Blast, 5 gal	178.95

SWEET BERRY

Sweet, an organic all-natural mineral supplement, contains organic acids, vitamins, amino acids, esters, essential secondary, and trace elements which are utilized for the bio-synthesis of crucial compounds to maintain optimal metabolism.



ITEM CODE	DESCRIPTION	SRP
BCNSSWBQT	Sweet Berry, 1 qt	\$28.95
BCNSSWBGAL	Sweet Berry, 1 gal	69.95
BCNSSWB2.5	Sweet Berry, 2.5 gal	154.95
BCNSSWB5	Sweet Berry, 5 gal	282.95

SWEET CITRUS

Formulated for the bio-synthesis of crucial compounds to maintain optimal metabolism. Contains select carbohydrates for amplified energy, increased sugar/brix content and plant bio-mass; esters and bio-polyphenolic compounds for increased flavors, aromas, and fatty oil synthesis; and crucial secondary trace elements for enhancing photosynthesis and respiration.



ITEM CODE	DESCRIPTION	SRP
BCNSSWCQT	Sweet Citrus, 1 qt	\$28.95
BCNSSWCGAL	Sweet Citrus, 1 gal	69.95
BCNSSWC2.5	Sweet Citrus, 2.5 gal	154.95
BCNSSWC5	Sweet Citrus, 5 gal	282.95

SWEET GRAPE

Sweet Grape contains select carbohydrates, organic acids, vitamins, amino acids, esters, and essential secondary, and trace elements which are utilized for the biosynthesis of crucial compounds to maintain optimum metabolism and enhance plants' natural production.



ITEM CODE	DESCRIPTION	SRP
BCNSSWGQT	Sweet Grape, 1 qt	\$28.95
BCNSSWGGAL	Sweet Grape, 1 gal	69.95
BCNSSWG2.5	Sweet Grape, 2.5 gal	154.95
BCNSSWG5	Sweet Grape, 5 gal	282.95

SWEET RAW

Helps maintain optimum metabolic levels by supplying plants with the vital energy they need during the entire grow cycle. Offers the same premium ingredients as the original flavored versions, without the added flavors. This flavorless blend includes more than 20 amino acids, select carbohydrates, enriching vitamins, and an array of essential secondary and trace minerals.



ITEM CODE	DESCRIPTION	SRP
BCNSSWRQT	Sweet Raw, 1 qt	\$28.95
BCNSSWRGAL	Sweet Raw, 1 gal	69.95
BCNSSWR2.5	Sweet Raw, 2.5 gal	154.95
BCNSSWR5	Sweet Raw, 5 gal	282.95

VITAMINO

Preserves balanced plant growth and optimal plant health in accelerated growth environments. Vitamino uses high impact supplements including select vitamins and all 20 essential amino acids to act either directly, or as cofactors for enzymes that trigger biochemical pathways commonly used in plant tissue culture and lead to the synthesis of essential macromolecules.



ITEM CODE	DESCRIPTION	SRP
BCNSV8	Vitamino, 8 oz	\$13.50
BCNSVAQT	Vitamino, 1 qt	28.95
BCNSVAGAL	Vitamino, 1 gal	68.95
BCNSVA25	Vitamino, 2.5 gal	151.50
BCNSVA5	Vitamino, 5 gal	278.95

ZHO ROOT INOCULANT

Rev up your rhizosphere with this new biological inoculant. ZHO contains endomycorrhizal and trichoderma fungi that naturally build a microbial system in and around plant roots, significantly improving a plant's growth, vigor, and production.



ITEM CODE	DESCRIPTION	SRP
BCNBGZAOZ	ZHO Root Inoculant, 1 oz	\$9.95
BCNBGZB0.25	ZHO Root Inoculant, ¼ lb	29.95
BCNBGZC1	ZHO Root Inoculant, 1 lb	99.95

POWER CLONE 0.2-0.3-0.2

For rapid robust roots. Made for serious gardeners who prefer to use cuttings for propagating their favorite plants.



ITEM CODE	DESCRIPTION	SRP
BCPRPSSOL4	Power Clone Sol., 4 oz	\$22.95
BCPRPSSOL8	Power Clone Sol., 8 oz	34.95
BCPRPSSOLPT	Power Clone Sol., 1 pt	58.95
BCPRPSSOLQT	Power Clone Sol., 1 qt	107.95
BCPRPSGEL2	Power Clone Gel, 2 oz	\$15.50
BCPRPSGEL4	Power Clone Gel, 4 oz	23.50
BCPRPSGEL8	Power Clone Gel, 8 oz	40.25



HUMEGA

A Leonardite ore soil booster. Contains beneficial micro-organisms that protect plant root systems from pathogens, processing organic matter, and releasing nutrients to plant roots. Promotes soil and soilless substrate aeration and water penetration, enhances photosynthesis and balances soilless substrates. Mix with other fertilizers to increase absorption rate.

ITEM CODE	DESCRIPTION	SRP
BCOHXQT	Humega, 1 qt	\$12.95
BCOHXGA	Humega, 1 gal	32.95
BCOHX2.5	Humega, 2.5 gal	71.95

FULVEX

Fulvex is a patented, organic-based, premium mineral supplement that releases minerals in soil, aids in the relief of oxygen deficiencies to increase resistance to drought and other environmental stresses, stimulates antibiotic protection, reduces wilting, increases DNA metabolism, and promotes high crop yields.



ITEM CODE	DESCRIPTION	SRP
BCNSFX8	Fulvex, 8 oz	\$8.95
BCNSFXQT	Fulvex, 1 qt	18.75
BCNSFXGAL	Fulvex, 1 gal	44.95
BCNSFX25	Fulvex, 2.5 gal	99.95
BCNSFX5	Fulvex, 5 gal	186.00

SEAPLEX

For foliar feeding, soil and soilless gardens, and hydroponic systems. Cold processed to protect organic integrity. Packed with maximum levels of amino acids, enzymes, micronutrients, and plant hormones for healthy plant growth. Contains growth hormones that are essential for cell division, root development, and bud initiation. Homogenized to prevent separation, 200 mesh screen filtration, water soluble for easy mixing.



ITEM CODE	DESCRIPTION	SRP
BCOSXQT	Seaplex, 1 qt	\$21.95
BCOSXGAL	Seaplex, 1 gal	53.95
BCOSX2.5	Seaplex, 2.5 gal	118.95

**Feed charts on pp. 365–392
or at Hydrofarm.com**

PURE GRANULAR BLOOM



The base of the Organicare Plant Nutrient System contains a combination of highly active organic acids, including humic acid. Combines major growth promoters like fishmeal and seaweed with composted poultry litter, alfalfa meal, sulfate potash, macro and micro minerals, amino acids, proteins, and natural plant extracts.



ITEM CODE	DESCRIPTION	SRP
BCNSOPB0.25	Organicare Pure Granular Bloom, 8 oz	\$2.00
BCNSOPB2	Organicare Pure Granular Bloom, 1 lb	6.50
BCNSOPB5	Organicare Pure Granular Bloom, 5 lbs	15.95
BCNSOPB12	Organicare Pure Granular Bloom, 12 lbs	34.95
BCNSOPB50	Organicare Pure Granular Bloom, 50 lbs	65.00

PURE

The base for the Organicare Plant Nutrient System containing only natural, organic ingredients, with slow release, carbon-based, biologically-enhanced granules that feed beneficial soil microorganisms, which in turn, feed your plants for rapid and vigorous growth.



ITEM CODE	DESCRIPTION	SRP
BCOP2	Pure, 2 lb bag	\$6.50
BCOP12	Pure, 12 lb bag	34.95

**Accurate measuring and pouring tools –
see the Garden Accessories section!**





CES MICRO

The foundation of the CES mineral-based line. Use with the GROW and/or BLOOM to achieve a solid fertilizer base which can be used on its own or with CES additives to achieve maximum growth. Contains nitrogen and calcium base, fortified with micronutrients. Use throughout the entire growth cycle regardless of vegetative or flowering cycles. Dilute and mix first, before adding any other components of the CES system. Failure to do so can cause lock-out with other ingredients.



ITEM CODE	DESCRIPTION	SRP
CES2401	Cutting Edge Solution Micro, 1 qt	\$14.00
CES2403	Cutting Edge Solution Micro, 1 gal	33.00
CES2404	Cutting Edge Solution Micro, 2.5 gal	70.00
CES2405	Cutting Edge Solution Micro, 6 gal	161.00
CES2406	Cutting Edge Solution Micro, 20 gal	450.00
CES2407	Cutting Edge Solution Micro, 55 gal	1203.00

**Feed charts on pp. 365–392
or at Hydrofarm.com**

CES BLOOM

The second component of the 3-part base blooming formula. BLOOM is a phosphorus-heavy formula for enhancing flower production and encouraging a hormonal shift in plant signals from vegetative to flowering. Contains potassium, magnesium, and sulfur to enhance photosynthetic rates and energy transfer. Add to CES vegetative usage guides with the MICRO and GROW.



ITEM CODE	DESCRIPTION	SRP
CES2302	Cutting Edge Solution Bloom, 1 qt	\$12.00
CES2303	Cutting Edge Solution Bloom, 1 gal	28.00
CES2304	Cutting Edge Solution Bloom, 2.5 gal	59.00
CES2305	Cutting Edge Solution Bloom, 6 gal	131.00
CES2306	Cutting Edge Solution Bloom, 20 gal	380.00
CES2307	Cutting Edge Solution Bloom, 55 gal	1,016.00

CES GROW

A component of the 3-part CES base for use in the vegetative stage. GROW adds more nitrogen for growth and potassium to enhance the plant's photosynthetic rate and energy transfer throughout the plant. GROW is used only in the vegetative stage and is completely omitted during the blooming stage.



ITEM CODE	DESCRIPTION	SRP
CES2202	Cutting Edge Solution Grow, 1 qt	\$12.00
CES2203	Cutting Edge Solution Grow, 1 gal	26.00
CES2204	Cutting Edge Solution Grow, 2.5 gal	59.00
CES2205	Cutting Edge Solution Grow, 6 gal	131.00
CES2206	Cutting Edge Solution Grow, 20 gal	380.00
CES2207	Cutting Edge Solution Grow, 55 gal	1,016.00

G-REX

G-Rex is formulated to be used throughout the entire growth cycle. It will continue to work from the rooted cutting stage all the way until harvest. When making cuttings, add G-Rex as soon as callus forms at the base of the cutting. After transplant, continue to use G-Rex in your system at the recommended rate through harvest. G-Rex is developed for use with Cutting Edge Solutions Fertilizers, and is also compatible with any fertilizer product.



ITEM CODE	DESCRIPTION	SRP
CES3307	G-Rex, 2 oz	\$13.00
CES3308	G-Rex, 1 pt	65.00
CES3309	G-Rex, 1 qt	126.00
CES3310	G-Rex, 1 gal	395.00

T-REX

T-Rex is to be used in the first 1-3 weeks of the vegetative cycle. It is recommended to foliar spray once during the last week of vegetation cycle or during the first week of the flowering cycle in order to remain on the flowering sites through maturity. T-Rex is developed for use with Cutting Edge Solutions Fertilizers, and is also compatible with any fertilizer product.



ITEM CODE	DESCRIPTION	SRP
CES3311	T-Rex, 2 oz	\$14.00
CES3312	T-Rex, 1 pt	80.00
CES3313	T-Rex, 1 qt	145.00
CES3314	T-Rex, 1 gal	430.00

UNCLE JOHN'S BLEND

Helps alleviate deficiencies from stress as a result of increased metabolic function during flowering. It supplies a low molecular weight form of potassium, which enhances photosynthesis and the formation of complex aromatic esters and flavonoids for more intense perfume in aromatic flowers and richer flavors in fruits.



ITEM CODE	DESCRIPTION	SRP
CES2602	Uncle John's Blend, 1 qt	\$29.00
CES2603	Uncle John's Blend, 1 gal	87.00
CES2604	Uncle John's Blend, 2.5 gal	175.00
CES2605	Uncle John's Blend, 6 gal	350.00
CES2606	Uncle John's Blend, 20 gal	1,035.00
CES2607	Uncle John's Blend, 55 gal	2,475.00

PLANT AMP

Provides plants with the necessary calcium to optimize growth, enhance bountiful blossoms in ornamental plants, and promote heavier fruits and veggies. Its pure form of low molecular weight calcium improves transport into the plant body for vigorous growth and increased cell wall strength and permeability.



ITEM CODE	DESCRIPTION	SRP
CES2502	Plant Amp, 1 qt	\$29.00
CES2503	Plant Amp, 1 gal	87.00
CES2504	Plant Amp, 2.5 gal	175.00
CES2505	Plant Amp, 6 gal	350.00
CES2506	Plant Amp, 20 gal	1035.00
CES2507	Plant Amp, 55 gal	2,475.00



MAG AMPED

This pure form of low molecular weight magnesium is easily assimilated by the plants. Magnesium is the primary element involved in production of chlorophyll – the source of a plant’s energy. Mag Amped enhances overall chlorophyll production and helps plants produce chlorophyll in lower light situations (both in intensity and duration). Great for use in foggy, filtered, or low intensity light, as well as short duration light cycles.



ITEM CODE	DESCRIPTION	SRP
CE52801	Mag Amped, 1 qt	\$29.00
CE52802	Mag Amped, 1 gal	87.00
CE52803	Mag Amped, 2.5 gal	175.00
CE52804	Mag Amped, 6 gal	350.00
CE52805	Mag Amped, 20 gal	1035.00
CE52806	Mag Amped, 55 gal	2,475.00

SOUR-DEE

Provides organic carbohydrates and electrolytes to stimulate amino acid production and provide a superior carbohydrate source. Contains polysaccharides folded into a matrix fortified with an emulsion of trace minerals acting as a compensator as lowering sunlight levels at the end of the season precipitate drops in photo synthetic rate and ATP (plant sugar) production.



ITEM CODE	DESCRIPTION	SRP
CE53301	Sour-Dee, 1 qt	\$20.00
CE53302	Sour-Dee, 1 gal	60.00
CE53303	Sour-Dee, 2.5 gal	122.50
CE53304	Sour-Dee, 6 gal	288.00

SUGAREE

Provides an organic carbohydrate and electrolyte source to stimulate amino acid production and fuel the respiration that drives fruit set. It contains polysaccharides and trace minerals to support plants as lowering sunlight levels at the end of season precipitate drops in photosynthetic rate and ATP (plant sugar) production. Targets increases in fruit set, retention, and sugar production.



ITEM CODE	DESCRIPTION	SRP
CE52901	Sugaree, 1 qt	\$20.00
CE52902	Sugaree, 1 gal	60.00
CE52903	Sugaree, 2.5 gal	122.50
CE52904	Sugaree, 6 gal	288.00
CE52905	Sugaree, 20 gal	888.00

More sizes available at
Hydrofarm.com



GOLD RANGE NUTRIENT FLOWER A+B AND GROW A+B

A premium, all inclusive, powerful 2 part nutrient system. Jam-packed full of the finest, high quality US & British pharmaceutical-grade minerals and B vitamins. No need to use P/K based bloom boosters or nitrogen based kelp/seaweed boosters or cal/mag boosters. Suits all systems and media.



ITEM CODE	DESCRIPTION	SRP
DM2100	Gold Range Flower A, 1 L	\$11.95
DM2101	Gold Range Flower B, 1 L	11.95
DM2104	Gold Range Flower A, 5 L	39.95
DM2105	Gold Range Flower B, 5 L	39.95
DM2108	Gold Range Flower A, 20 L	137.98
DM2109	Gold Range Flower B, 20 L	137.98
DM2102	Gold Range Grow A, 1 L	\$11.95
DM2103	Gold Range Grow B, 1 L	11.95
DM2106	Gold Range Grow A, 5 L	39.95
DM2107	Gold Range Grow B, 5 L	39.95
DM2110	Gold Range Grow A, 20 L	137.98
DM2111	Gold Range Grow B, 20 L	137.98

GOLD ONE FLOWER & GOLD ONE GROW

Gives all the benefits of a leading high performance nutrient without the mixing hassles. Has the high performance of a multiple part nutrient with the ease of a one part solution! No vigorous shaking! Provides lush green growth and abundant flowers and fruit.



ITEM CODE	DESCRIPTION	SRP
DM3807	One Flower, 1 L	\$11.95
DM3808	One Flower, 5 L	34.95
DM3809	One Flower, 20 L	9.95
DM3804	One Grow, 1 L	\$11.95
DM3805	One Grow, 5 L	35.95

GOLD RANGE ADD.27 GROW & FLOWER

Clinically proven and field tested to add considerably to your results. New anti-stress 'Protein Based Chelation Technology' adds minerals, vitamins and aminos and makes them work for you. Deliver as close to 100% of your nutrients to your plants as possible for no wastage and better results. Works in all systems with all media.



ITEM CODE	DESCRIPTION	SRP
DM3829	Gold Range ADD.27 Grow, 250ml	\$9.95
DM2701	Gold Range ADD.27 Grow, 1 L	24.95
DM2703	Gold Range ADD.27 Grow, 5 L	99.95
DM3830	Gold Range ADD.27 Flower, 250ml	\$9.95
DM2702	Gold Range ADD.27 Flower, 1 L	24.85
DM2704	Gold Range ADD.27 Flower, 5 L	99.95



More sizes available at Hydrofarm.com

GOLD RANGE SILICA

Provides much needed silicon that cannot be supplied in stand-alone nutrient formulations. Silicon plays a vital role in cellular structure, building stronger, healthier more vital plants. Use in all systems and with all media. Can be combined with any nutrient brand.



ITEM CODE	DESCRIPTION	SRP
DM3831	Gold Range Silica, 250ml	\$10.95
DM3815	Gold Range Silica, 1 L	25.95

GOLD RANGE LIQUID LIGHT

The foremost advancement in foliar/leaf feeding your plants. Foliar feeding is many times more efficient and productive than root feeding. The only proven effective way to deliver carbs & aminos right to where they are needed most – the leaves. Instant visual results within days. Indoor & outdoor. Spray with the lights on.



ITEM CODE	DESCRIPTION	SRP
DM3826	Gold Range Liquid Light, 250ml	\$24.95
DM3819	Gold Range Liquid Light, 1 L	59.95
DM3820	Gold Range Liquid Light, 5 L	199.95

GOLD RANGE SATURATOR

FORMERLY PENETRATOR GOLD

Creates a unique 'Dual Action Delivery' which takes the nutrients or supplements you spray on your plants and delivers them deep inside the active leaf tissue where it is explosively released with high energy uncoupling, saturating the leaf cells with your foliar payload. Suitable for use with all brand foliar products. Correct nutrient deficiencies immediately by spraying 1/3 strength nutrients. Doubles the power of LIQUID LIGHT.



ITEM CODE	DESCRIPTION	SRP
DM3827	Gold Range Saturator, 250ml	\$12.45
DM1862	Gold Range Saturator, 1 L	29.95
DM1863	Gold Range Saturator, 5 L	119.95

GOLD RANGE POTASH+

New Gold Range POTASH+ is the latest of technologies in phosphorous and potassium boosters. Gold Range POTASH+ is designed specifically for use with all growing media and its high performance action performs equally well in any grow system – totally universal!



ITEM CODE	DESCRIPTION	SRP
DM3832	Gold Potash, 250ml	\$8.95

GOLD RANGE ZONE

Provides optimal 'Root Zone' conditions by applying the most modern water cleansing technologies available today! Requires less system maintenance and keeps media clean and reusable. Use for maintenance right through grow and flower or as a troubleshooter when your root zone needs to be perfect.



ITEM CODE	DESCRIPTION	SRP
DM3825	Gold Range Zone, 250ml	\$11.95
DM3817	Gold Range Zone, 1 L	26.95
DM3818	Gold Range Zone, 5 L	93.95

APS CLONE FOOD

Make growing cuttings an easy, successful, and enjoyable experience. Ready to use cube and slab soak, perfectly preparing rockwool to successfully accept newly taken cuttings. A unique 2 in 1 product: a rockwool soak and a foliar spray.



ITEM CODE	DESCRIPTION	SRP
DM3821	APS Clone Food, 5 L	\$22.95



LIQUID BLOOM 3-12-6

Low nitrogen, high phosphorus formula encourages large, vibrant blooms. Ideal for roses, orchids, African violets, and other flowering plants. Apply before flower buds appear to help initiate flowering.



ITEM CODE	DESCRIPTION	SRP
DYBLM008	Dyna-Gro Bloom, 8 oz	\$7.75
DYBLM016	Dyna-Gro Bloom, 1 pt	11.50
DYBLM032	Dyna-Gro Bloom, 1 qt	20.00
DYBLM100	Dyna-Gro Bloom, 1 gal	59.00
DYBLM500	Dyna-Gro Bloom, 5 gal	275.00

LIQUID GROW 7-9-5

All-purpose complete nutrition formula contains all essential macro- and micronutrients. Used to promote foliage and blooms. Ideal for poor, rocky soils, container-grown plants, and hydroponics, or as a rapid cure for nutrient deficiencies. For use on all plants at all stages.



ITEM CODE	DESCRIPTION	SRP
DYGR0008	Dyna-Gro Grow, 8 oz	\$7.75
DYGR0016	Dyna-Gro Grow, 1 pt	11.50
DYGR0032	Dyna-Gro Grow, 1 qt	20.00
DYGR0100	Dyna-Gro Grow, 1 gal	59.00
DYGR0500	Dyna-Gro Grow, 5 gal	275.00



PRO-TEKT 0-0-3

"The Silicon Solution" liquid supplement supplies higher levels of potassium and silicon to help plants build stronger cell walls. Use as a supplement with any fertilizer to provide non-toxic preventative protection against environmental stresses.



ITEM CODE	DESCRIPTION	SRP
DYTEK008	Dyna-Gro PRO-TEKT, 8 oz	\$7.50
DYTEK032	Dyna-Gro PRO-TEKT, 1 qt	17.00
DYTEK100	Dyna-Gro PRO-TEKT, 1 gal	42.00
DYTEK500	Dyna-Gro PRO-TEKT, 5 gal	215.00

MAG PRO 2-15-4

A unique supplement that can be used with any complete nutrition formula as a blossom booster. The high phosphorus, magnesium and sulfur content of this formula brings out color, fragrance, and size in flowers, fruit and vegetable crops.



ITEM CODE	DESCRIPTION	SRP
DYMAG032	Mag Pro, 1 qt	\$20.00
DYMAG100	Mag Pro, 1 gal	59.00

K-L-N CONCENTRATE

Contains rooting hormones IBA and NAA. Promotes root growth in trees, foliage, and flowering plants. For propagating cuttings, air layering, and transplanting drench for bare-root stock, and newly potted plants. Use as a drench, dip, or mist.



ITEM CODE	DESCRIPTION	SRP
DYKLN008	Dyna-Gro KLN, 8 oz	\$10.50
DYKLN032	Dyna-Gro KLN, 32 oz	31.00
DYKLN100	Dyna-Gro KLN, 1 gal	103.00

ORCHID PRO 7-8-6

A uniquely complete nutrient formula, which provides every essential element for optimum orchid growth and blooming.



ITEM CODE	DESCRIPTION	SRP
DYORC008	Orchid Pro, 8 oz	\$7.75

ROOT-GEL

A unique patented hormone gel formulated for the propagation of cuttings, containing IBA and NAA in a water soluble form, plus just the right amount of essential minerals.



ITEM CODE	DESCRIPTION	SRP
DYRTG002	Dyna-Gro Root Gel, 2 oz	\$12.50
DYRTG004	Dyna-Gro Root Gel, 4 oz	23.00
DYRTG008	Dyna-Gro Root Gel, 8 oz	43.00

Check with your retailer regarding local sales restrictions.

EMERALD Triangle

MAGNUM

Magnum is a concentrated magnesium supplement with vitamin B1 for supplying extra magnesium and Sulfur during the Bloom phase.



SONIC BLOOM (0-51-34)

Emerald Triangle's ultra-potent PK booster takes it to the next level. 20 times the B1 of other PK boosters plus serious amounts of B2, B3, B6 that are missing from others. Outperforms any flowering boost on the market.



PURPLE MAXX (0-0-3)

Forces complete color and resin development in the final bloom stage. Unique in the industry.



SNOW STORM (0-0-3)

Gives your plants that frosty "snow storm" effect while increasing resin and fragrance.



KILLER TEA

Made from pure worm castings and potent seabird and bat guanos. No disgusting odor. This tea is different. Nothing like it on the market.



CRYSTAL BURST (0-15-15)

Crystal Burst with heavy B1 is one of the most concentrated bloom enhancers available. 50% stronger than the most popular product for the same price. Works well with all popular nutrient lines.



ITEM CODE	DESCRIPTION	SRP
ETMAG32OZ	Magnum, 32 oz	\$13.95
ETMAGGAL	Magnum, 1 gal	39.95
ETMAG2.5GAL	Magnum, 2.5 gal	79.90
ETSB1	Sonic Boom, 1 lb	\$41.95
ETSB5	Sonic Boom, 5 lbs	136.95
ETPM8OZ	Purple Maxx, 8 oz	\$29.95
ETPM32OZ	Purple Maxx, 32 oz	84.95
ETPM1GAL	Purple Maxx, 1 gal	249.95
ETSS8OZ	Snow Storm Ultra, 8 oz	\$15.95
ETSS32OZ	Snow Storm Ultra, 32 oz	43.89
ETSSGAL	Snow Storm Ultra, 1 gal	131.83
ETKTGAL	Killer Tea, 1 gal *	\$35.95
ETKT2.5GAL	Killer Tea, 2.5 gal *	71.90
ETBURSTQ	Crystal Burst, 32 oz	\$23.10
ETBURSTG	Crystal Burst, 1 gal	69.30
ETBURST25	Crystal Burst, 2.5 gal	137.50

* Check with your retailer for local availability.



new

BIO-TONE STARTER PLUS

Microbe enhanced all natural plant food. Includes both endo and ecto mycorrhizae. Grows larger root mass to help plants establish fast. Promotes bigger blooms. Reduces transplant loss.



BONE MEAL

The finest bone meal available. Bone meal helps develop sturdy root systems and stimulates plant growth. An ideal supplement to fertilizers for bulbs, flowers and roses. All natural and approved for organic gardening. Derived from bone meal.



COMPOST STARTER

Unique, 100% bio-organic mix contains microbes cultured for fast, healthy composting. Includes heat active varieties, used to speed the decomposition of difficult materials.



COTTONSEED MEAL

Cottonseed meal is a by-product from food grade cottonseed oil production. It is an all-natural 100 percent organic plant food generally used for feeding trees and shrubs. It provides plants with all three essential nutrients. Long-lasting for acid-loving plants and all evergreens, trees and shrubs.



DRIED BLOOD / BLOOD MEAL

Safe source of organic nitrogen. Naturally produces more vigorous plants with richer, greener leaves. A time proven remedy for sickly plants. For organic gardening.



GARDEN GYPSUM

Pelletized for easy application. Loosens heavy clay soils. Helps cure turf burns from ice melters and pets. For organic gardening.



GARDEN LIME

This soil amendment is the finest grade of pelletized, dolomitic limestone available. Adjusts soil pH so plants can get the most from nutrients present. Fine pellets spread easily, react quickly and do not pose the hazards associated with hydrated lime. Covers 100 square feet area.



GARDEN TONE

Formulated specifically for vegetable gardens. It is safe and long lasting. Provides the nutrients necessary for vigorous and productive plants. Contains Bio-tone® to biologically enhance Espoma's natural plant food, for superior plant growth.



GREENSAND

Greensand is a mined mineral rich in soil conditioning glauconite. Contains potash and other minerals from natural marine deposits. Excellent soil conditioner. Carrying a formulation of 0-0-0.1.



GRO-TONE

All purpose plant food concentrate derived solely from farm raised catfish that have been fed a strict diet of grains, minerals and vitamins. Fish proteins are uniquely processed to preserve nutrients and produce an all natural organic plant food that won't clog drip systems and sprayers. For organic gardening.



IRON TONE

All natural iron supplement provides 5 percent iron and 13 percent sulfur. Restores deep green color to yellow chlorotic plants. Will not stain patios or walkways.



KELP MEAL

More than 60 minerals and elements, amino acids, carbohydrates and essential plant hormones. Revitalizes tired garden soil. Dried sea kelp. Covers approx 120 square feet.



ROCK PHOSPHATE

All natural. Pelletized for easy application. Contains 3% available and 24% total phosphate.



SOIL ACIDIFIER

Turns hydrangeas blue. Lowers the pH of soils and allows acid-loving plants to achieve optimum growth. Long-lasting, highly-effective. Safe, and non-toxic.



TOMATO TONE

Tomato-tone 3-4-6 produces plump, abundant tomatoes, not unwanted foliage. Long lasting and safe to use; no hazardous or toxic materials.



ESPOMA NUTRIENTS

ITEM CODE	DESCRIPTION	SRP
EP3050	Bio-Tone Starter Plus, 4 lb bag	\$9.95
EP5020	Bone Meal, 4.5 lb bag	10.95
EP5220	Compost Starter, 4 lb bag	14.95
EP5040	Cottonseed Meal, 3.5 lb bag	9.95
EP5080	Dried Blood / Blood Meal, 3.5 lb bag	13.95
EP5180	Garden Gypsum, 6 lb bag	8.95
EP5170	Garden Lime, 6.75 lb bag	4.95
EP3010	Garden Tone, 8 lb bag	13.95
EP5120	Greensand, 7.5 lb bag	9.95
EP3090	Gro-Tone, 16 oz bottle	9.95
EP3070	Iron Tone, 5 lb bag	8.95
EP5060	Kelp Meal, 4 lb bag	21.95
EP5140	Rock Phosphate, 7.25 lb bag	12.95
EP5160	Soil Acidifier, 6 lb bag	9.95
EP3030	Tomato Tone, 8 lb bag	13.95



BIG BLOOM® ORGANIC FERTILIZER

Biologically alive formula is an instant plant food. Dramatically enhances flavor and fragrance! Promotes strong, extra large multiple blooms and will not burn plants. Can be used in combination with Tiger Bloom Fertilizer.

ITEM CODE	DESCRIPTION	SRP
FX14091	Big Bloom Liq. Conc., 1 pt	\$7.95
FX14002	Big Bloom Liq. Conc., 1 qt	13.95
FX14003	Big Bloom Liq. Conc., 1 gal	46.95-48.95
FX14004	Big Bloom Liq. Conc., 2.5 gal	102.95-108.95
FX14005	Big Bloom Liq. Conc., 5 gal	190.95-199.95

TIGER BLOOM® LIQUID PLANT FOOD

An ultra potent, fast acting, high phosphorus fertilizer that also contains a good supply of nitrogen for growth and vigor. Formulated with a low pH to maintain stability in storage and keep micronutrients available. Suitable for both hydroponic and soil applications. Encourages abundant fruit, flower, and multiple bud development.



ITEM CODE	DESCRIPTION	SRP
FX14093	Tiger Bloom, 1 pt	\$9.95
FX14019	Tiger Bloom, 1 qt	18.95-20.95
FX14020	Tiger Bloom, 1 gal	58.95-60.95
FX14021	Tiger Bloom, 2.5 gal	137.95-143.95
FX14022	Tiger Bloom, 5 gal	242.95-256.95

Use with Big Bloom for amazing results.

GROW BIG® LIQUID PLANT FOOD

This fast-acting, liquid concentrate fertilizer encourages lush, vegetative, compact growth. Fortified with earthworm castings, Norwegian kelp, and a super-concentrated micronutrient package for a strong compact branching structure, abundant buds and blooms.



ITEM CODE	DESCRIPTION	SRP
FX14092	Grow Big Liq. Conc., 1 pt	\$9.95
FX14006	Grow Big Liq. Conc., 1 qt	18.95-20.95
FX14007	Grow Big Liq. Conc., 1 gal	58.95-60.95
FX14008	Grow Big Liq. Conc., 2.5 gal	137.95-143.95
FX14009	Grow Big Liq. Conc., 5 gal	242.95-256.95

Use with Big Bloom for amazing results.

GROW BIG® HYDROPONIC

A potent, fast acting, liquid concentrate fertilizer specifically formulated for hydroponic use. When used as directed, it encourages vigorous vegetative growth. Plant size and structure are enhanced, allowing for more abundant fruit, flower, and bud development.



ITEM CODE	DESCRIPTION	SRP
FX14094	Grow Big Hydro. Liq. Con., 1 pt	\$9.95
FX14010	Grow Big Hydro. Liq. Con., 1 qt	19.95-21.95
FX14011	Grow Big Hydro. Liq. Con., 1 gal	61.95-64.95
FX14012	Grow Big Hydro. Liq. Con., 2.5 gal	144.95-146.95
FX14013	Grow Big Hydro. Liq. Con., 5 gal	254.95-256.95

NUTRIENT TRIO

Trio pack includes Big Bloom®, Grow Big®, and Tiger Bloom® together – a complete nutrition program. Optimizes vegetative growth, extreme flower canopy, and multiple bud development. For hydroponic recirculating systems, use the FoxFarm Hydroponic Nutrient Trio.



ITEM CODE	DESCRIPTION	SRP
FX14049	Nutrient Trio, Soil Formula	\$49.95-55.95
FX14050	Nutrient Trio, Hydro Formula	56.95-58.95

BUSH DOCTOR® MICROBE BREW™



This complex blend of ingredients is specially formulated to help plants achieve optimum microbial habitats at the rhizosphere or root zone environment. This concentrated brew supplies nutrition for your plants, as well as feeding the microbial colonies in the soil.



ITEM CODE	DESCRIPTION	SRP
FX14096	Bush Doctor Microbe Brew, 1 pt	\$11.95
FX14068	Bush Doctor Microbe Brew, 1 qt	22.95-24.95
FX14069	Bush Doctor Microbe Brew, 1 gal	77.95-80.95

BUSH DOCTOR® SLEDGEHAMMER™

A unique rinse formula designed to remove excess fertilizer buildup. High fertilizer use can compromise plant growth over time due to concentrated mineral salt deposits. Sledgehammer encourages water movement through soil and soilless mediums, rinsing out unwanted mineral salt residues and relieving nutrient lock up. For use in established gardens, container plantings, and hydroponic systems.



ITEM CODE	DESCRIPTION	SRP
FX14095	Bush Doctor Sledgehammer, 1 pt	\$10.95
FX14066	Bush Doctor Sledgehammer, 1 qt	18.95-20.95
FX14067	Bush Doctor Sledgehammer, 1 gal	61.95-64.95



BUSH DOCTOR® KANGAROOTSTM

Bush Doctor Kangaroots is a liquid root drench formulation for use on in-ground plantings, container gardens and hydroponic systems. Use Bush Doctor Kangaroots on seedlings and mature plants throughout the growing season to enhance the proliferation of root mass development. Kangaroots is beneficial to fruits, flowers, vegetables, trees, and shrubs.



ITEM CODE	DESCRIPTION	SRP
FX14097	Bush Doctor Kangaroots, 1 pt	\$10.95
FX14070	Bush Doctor Kangaroots, 1 qt	19.95
FX14071	Bush Doctor Kangaroots, 1 gal	62.95–67.95

BUSH DOCTOR® BOOMERANGTM

Boomerang is a comeback formula, formulated to revive plants that are stressed from drought, salt build-up, or general neglect. Boomerang is a microbial based formula that heals root tissue and provides organic nutrition that will ease plant stress and encourage new growth. It can also be used as a supplement during your plant's vegetative growth cycle.



ITEM CODE	DESCRIPTION	SRP
FX14085	Bush Doctor Boomerang, 1 pt	\$9.95–11.95
FX14086	Bush Doctor Boomerang, 1 qt	18.95–20.95
FX14087	Bush Doctor Boomerang, 1 gal	64.95–66.95

BUSH DOCTOR® FLOWERS KISSTM

Bush Doctor Flowers Kiss spray-on foliar plant food is designed to be absorbed through the leaves, like a soft rain, providing nutrition from the top down.



ITEM CODE	DESCRIPTION	SRP
FX14088	Bush Doctor Flowers Kiss, 1 pt	\$9.95–11.95
FX14089	Bush Doctor Flowers Kiss, 1 qt	18.95–20.95
FX14090	Bush Doctor Flowers Kiss, 1 gal	64.95–66.95

MARINE CUISINE® DRY FERTILIZER

Marine Cuisine® is a comprehensive blend of powerful plant foods combined with Pacific Northwest seagoing fish, crab meal, shrimp meal, bat guano, and plenty of our own earthworm castings – nature's finest fertilizer. Ideal for flowers and vegetable gardens, ornamental trees and shrubs, fruit trees, roses, container plants, and lawns.



ITEM CODE	DESCRIPTION	SRP
FX14016	Marine Cuisine, 4 lbs	\$13.95–15.95
FX14017	Marine Cuisine, 20 lbs	58.95–63.95

BEASTIE BLOOMZ®

Produce heavy weight fruit and maximize blossom development during the last weeks of flowering. Increases internal bud density, so plants create plenty of fat, tightly packed blossoms. For use in soilless mixes, organic soils, hydroponics, and aeroponic systems.



ITEM CODE	DESCRIPTION	SRP
FX14103	Beastie Bloomz, 6 oz	\$14.95–16.95
FX14028	Beastie Bloomz, 1 lb	32.95
FX14029	Beastie Bloomz, 2 lb	56.95

CHA CHING®

Increase essential oils and pump out heavy resins in fruit, buds, and flowers. Use during late-flowering cycles. Contains all essential elements needed to support juicy fruit on compact, stocky plants, with concentrated flavor and perfect texture. For use in soilless mixes, organic soils, hydroponics, and aeroponic systems.



ITEM CODE	DESCRIPTION	SRP
FX14102	Cha Ching Soluble, 6 oz	\$14.95–16.95
FX14024	Cha Ching Soluble, 1 lb	32.95
FX14025	Cha Ching Soluble, 2 lb	56.95

OPEN SESAME®

Early flowering formula is designed to bring plants into bloom at your command. You decide when they bloom. Delivers a specific micronutrient pack at the right moment.



ITEM CODE	DESCRIPTION	SRP
FX14104	Open Sesame, 6 oz	\$14.95–16.95
FX14026	Open Sesame 1 lb	32.95
FX14027	Open Sesame 2 lb	56.95

SOLUBLE TRIO PACK

A trio of high-octane fertilizers. Open Sesame, Beastie Bloomz, and Cha Ching Soluble work together as part of a sequential feeding schedule for hydroponic and conventional gardeners.



ITEM CODE	DESCRIPTION	SRP
FX14045	Soluble 1 lb Trio Pack	\$97.95–99.95



AMERICAN PRIDE® TIME-RELEASE

Specially formulated for use on roses, this blend of potent, high-test plant foods encourages vigorous growth. Contains a unique blend of exotic ingredients. Some allow for instantly available nutrition, while others deliver slowly available nitrogen over time. Ideal for all types of plants.



ITEM CODE	DESCRIPTION	SRP
FX14014	American Pride Dry Fert., 4 lbs	\$13.95–15.95
FX14015	American Pride Dry Fert., 20 lbs	58.95–63.95

HAPPY FROG® TOMATO AND VEGETABLE



For use on all veggies, tomato varieties, soft fruits, and berries. The ratios between nitrogen, phosphorus, and potassium will allow the plant to feed vigorously while producing abundant high quality fruit development. Happy Frog Tomato and Vegetable Fertilizer also contains calcium which helps prevent blossom end rot and builds stronger cell walls, making plants more disease resistant.



ITEM CODE	DESCRIPTION	SRP
FX14059	Happy Frog Tomato and Vegetable Fertilizer, 4 lbs	\$9.95–11.95

HAPPY FROG® FRUIT & FLOWER

Supplies essential nutrients for luscious fruit and flower development. This blended formula will encourage vigorous root systems, robust bud size, and multiple branching. Expect brighter colors, spellbinding scents, and delicious flavors, all thanks to the extra boost that comes from the micronutrients and living organisms in Happy Frog Fruit & Flower.



ITEM CODE	DESCRIPTION	SRP
FX14060	Happy Frog Fruit & Flower Fertilizer, 4 lbs	\$9.95–11.95

HAPPY FROG® ALL PURPOSE

Happy Frog All-Purpose Fertilizer is a ready-to-use, pH balanced blend of natural fertilizers. Some ingredients allow for instantly available nutrition, while others deliver slow-release nitrogen over time. Highly recommended for vegetable gardens, annual and perennial flower gardens, ornamental plantings, and all types of container gardening.



ITEM CODE	DESCRIPTION	SRP
FX14058	Happy Frog All Purpose Fertilizer, 4 lbs	\$9.95–11.95

HAPPY FROG® ACID-LOVING PLANTS

Specifically formulated for use on acid-loving plants like azaleas, rhododendrons, camelias, hydrangeas, evergreens, berries, potatoes, and more. A blend of natural fertilizers and micro-organisms that work in harmony with the soil to deliver optimum plant nutrition. Contains an additional boost of nitrogen for heavy feeding shrubs and cottonseed meal, an excellent slow release fertilizer for plants that need a low pH.



ITEM CODE	DESCRIPTION	SRP
FX14065	Happy Frog Acid Loving Fertilizer, 4 lbs	\$9.95–11.95

HAPPY FROG® BULB FOOD

Planting bulbs in the fall is an investment in the future. Formulated to encourage long term blooming, this fertilizer contains extra phosphorus for sustained flowering and potassium to help plants become more disease resistant. Happy Frog Bulb Food works great on tulips, daffodils, gladiolas, dahlias, and all flowering plants and trees.



ITEM CODE	DESCRIPTION	SRP
FX14063	Happy Frog Bulb Food Fertilizer, 4 lbs	\$9.95–11.95

HAPPY FROG PREMIUM LAWN

A luxurious, thick green lawn cannot exist without healthy soil. Happy Frog Premium Lawn Fertilizer contains a blend of all natural nutrients designed to be applied year round. When used as directed, it will gently feed your lawn and enrich your soil with beneficial microbe populations. Happy Frog Premium Lawn Fertilizer will balance turf grass density, giving you a thicker, more luxurious lawn.



ITEM CODE	DESCRIPTION	SRP
FX14061	Premium Lawn Fertilizer, 4 lbs	\$9.95–11.95

HAPPY FROG® JUMP START

Ideal for transplanting seedlings and repotting established container plantings. This gentle formula is high in phosphorus, which encourages vigorous root development. It also contains calcium, which builds stronger cell walls and boosts the plant's ability to fight off disease.



ITEM CODE	DESCRIPTION	SRP
FX14032	Happy Frog Jump Start, 4 lbs	\$9.95–11.95



HAPPY FROG® JAPANESE MAPLE

Specifically formulated for use on Japanese maples, lilies, evergreens, hydrangeas, junipers, dogwoods, flowering ornamentals, and other low pH feeders. A unique blend of natural fertilizers and micro-organisms that work in harmony with the soil to deliver optimum plant nutrition. Encourages brilliant reds, purples, and oranges that make Japanese maples the crowning glory of the garden.



ITEM CODE	DESCRIPTION	SRP
FX14055	Happy Frog Japanese Maple Fertilizer	\$9.95–11.95

HAPPY FROG® ROSE FOOD

Happy Frog® Rose Food is custom blended to deliver optimum nutrition for roses. The benefits of kelp meal and alfalfa meal enable roses to become horticultural beauties. This extraordinary fertilizer will create strong plants, increase the color intensity, and produce prize-winning blooms.



ITEM CODE	DESCRIPTION	SRP
FX14064	Happy Frog Rose Food Fertilizer	\$9.95–11.95

HAPPY FROG® BAT GUANO

Bat guano has been used since ancient times as a highly beneficial organic soil amendment that has a powerful effect on all kinds of plants. Happy Frog High Phosphorus Bat Guano fertilizer is long aged and has no odor. It also contains natural bacteria and has certain properties that cannot be duplicated in a laboratory. It will deliver spectacular flowers and multiple bud development.



ITEM CODE	DESCRIPTION	SRP
FX14056	Happy Frog Bat Guano Fertilizer	\$13.95

HAPPY FROG® STEAMED BONE MEAL

Bone meal is a wonderful food for bulbs and helps create abundant blossoms. Super fine screened, allowing for quicker breakdown and easier absorption by plants. It will provide a high level of phosphorus for all stages of plant growth and flowering. Also contains calcium, which creates strong cellular development in plants.



ITEM CODE	DESCRIPTION	SRP
FX14057	Happy Frog Steamed Bone Meal Fertilizer	\$9.95–11.95



GREEN GRO MYCORRHIZAE

Increases plants' growth potential, fruiting and flowering potential and nutrient storage and uptake. Also reduces drought stress and water/nutrient needs. Ultrafine Mycorrhizae can be used indoors or outdoors, hydroponically, aeroponically, or simply in soil! We carefully selected our beneficial bacteria to ensure compatibility with our mycorrhizae. Also contains beneficial bacteria, kelp and humic acid.



ITEM CODE	DESCRIPTION	SRP
GG1004	Greengro Ultrafine All-in-One Blend	\$19.95
GG1008	Ultrafine Mycorrhizae All-in-One, 8 oz	\$35.95
GG1010	Ultrafine Mycorrhizae All-in-One, 16 oz	59.95
GG1030	Ultrafine Mycorrhizae All-in-One, 3 lbs	115.00
GG1150	Ultrafine Mycorrhizae All-in-One, 15 lbs	350.00
GG2010	Granular Plus Mycorrhizae All-in-One, 1 lb	\$20.00
GG2020	Granular Plus Mycorrhizae All-in-One, 2 lbs	35.99
GG2150	Granular Plus Mycorrhizae All-in-One, 15 lbs	189.99

WATER CONDITIONER/PURIFIER

Removes chlorine (up to 5mg/l), destroys chloramines, detoxifies heavy metals, and provides essential electrolytes. Ideal for aquaculture scenarios with live fish, with a proprietary ingredient that helps fish develop their slime coat faster in new water.



ITEM CODE	DESCRIPTION	SRP
GG4010	Green Gro Water Conditioner/Purifier, 1 qt	\$40.00

EARTH SHINE SOIL BOOSTER WITH BIOCHAR

This all-in-one natural soil booster is a sustainable way to enhance your garden's natural biological processes and recondition the soil. Earth Shine increases soil carbon levels, supports microbial development, and adds trace and essential minerals. Fortified with humic acid and worm castings, 1 lb of Earth Shine will treat 3 cf of soil.



ITEM CODE	DESCRIPTION	SRP
GG3010	Earth Shine Soil Booster w/Biochar, 1 lb	\$18.95
GG3020	Earth Shine Soil Booster w/Biochar, 2 lbs	25.95
GG3050	Earth Shine Soil Booster w/Biochar, 5 lbs	39.95
GG3150	Earth Shine Soil Booster w/Biochar, 15 lbs	109.00
GG3300	Earth Shine Soil Booster w/Biochar, 30 lbs	155.00

AQUA CULTURE KIT

Includes everything you will need to keep your garden lush and bountiful. Kit includes a simple to use water conditioner, root enhancer, liquid organic fertilizer, and a guide to growing vegetables indoors.



ITEM CODE	DESCRIPTION	SRP
GG6000	Green Gro Aqua Culture Kit	\$95.00



MONSTER BLOOM 0-50-30

Increases plants' ability to flower. Increases essential oil content in herbs and speeds up development of flower bud sets and total flowering phase. Adds size and mass to flowers in the budding and flowering cycles. Stop use during the last two weeks of the flowering cycle.



ITEM CODE	DESCRIPTION	SRP
GTMB130	Monster Bloom, 130 g	\$12.77
GTMB500	Monster Bloom, 500 g	41.24
GTMB2.5	Monster Bloom, 2.5 kg	193.79
GTMB5	Monster Bloom, 5 kg	364.29
GTMB10	Monster Bloom, 10 kg	684.93

MONSTER GROW 12-7-15

A blend of fertilizers made to deliver better performance during the vegetative growth phase. Contains all the primary nutrients needed for strong growth with added calcium and magnesium to prevent deficiencies. Use throughout entire growth phase and with every change of nutrient.



ITEM CODE	DESCRIPTION	SRP
GTMG130	Monster Grow, 130 g	\$12.77
GTMG500	Monster Grow, 500 g	41.24

BLOSSOM BLASTER 0-39-25

This powerful blend of phosphorous and potassium fertilizers adds size to your blossoms – add it to your nutrient solution right before flowers are starting to form. Use with all mediums. Use only 2x during flowering cycle. Use only with change of nutrient.



ITEM CODE	DESCRIPTION	SRP
GTBB20	Blossom Blaster, 20 g	\$10.98
GTBB130G	Blossom Blaster, 130 g	68.60
GTBB300	Blossom Blaster, 300 g	138.71
GTBB500G	Blossom Blaster, 500 g	234.95

BLACK PEARL

Replenishes nutrients to build soil. Contains nitrogen, phosphorous, and potassium to support vegetative growth, larger root systems, vigorous blooming and increased drought tolerance, plus a technical grade soluble kelp extract. High in organic matter, most of which comes from charcoal based carbon, a long lasting soil builder.



ITEM CODE	DESCRIPTION	SRP
GTBP250G	Black Pearl, 250 g	\$13.78
GTBP1.5KG	Black Pearl, 1.5 kg	60.19

BLOOM FUEL 0-0-2

All natural flowering supplement to be used alongside your regular fertilizer program. Begin adding 7-10 days prior to the flowering stage and continue to use throughout flowering. Must be used in conjunction with your regular feeding program (preferably a flower feeding nutrient).



ITEM CODE	DESCRIPTION	SRP
GTBF1L	Bloom Fuel, 1 L	\$22.27
GTBF4L	Bloom Fuel, 4 L	61.67

Feed charts on pp. 365–392
or at Hydrofarm.com

CARBO-MAX

A ready-to-use fuel source for plants. Used to supplement a plant with carbohydrates, which are naturally manufactured by the plant during photosynthesis to be used in many essential plant processes, during the important final flowering stage (a period of high energy demand).



ITEM CODE	DESCRIPTION	SRP
GTCM60130	Carbo-Max, 100 g	\$10.20
GTCM60100	Carbo-Max, 300 g	21.34

PRO-SILICATE 0-0-3.8

A nutritional silicate supplement containing potassium and silicon; a natural component of soil that can be lacking in hydroponic systems. Strengthens the plant cell wall which battles wilting and drought by acting as insulation against excess water loss at higher temperatures, producing stronger plants and prolonged bloom life.



ITEM CODE	DESCRIPTION	SRP
GTPROS1L	Pro-Silicate, 1 L	\$13.36
GTPROS4L	Pro-Silicate, 4 L	37.47

CAL-MAX™



Cal-Max was developed to provide the additional calcium, magnesium, and iron needed to support peak production. Applied as a foliar spray, this product can help even in environments where nutrient translocation from roots to leaves is difficult or not occurring at all. Use to treat problems when they surface, or as a preventative supplement.



ITEM CODE	DESCRIPTION	SRP
GTCM10L	Cal-Max, 10 L	\$99.33

FINAL FLUSH™



Final Flush is now available in two new scents – Green Apple and Grapefruit! This flushing agent eliminates excess fertilizer salts in the final stages of growth and can also be used to correct overfeeding or for desalinization of reusable growing media. In many cases, plants have tucked away unconverted salts into surrounding tissues. This can lead to bitter-tasting produce. As Final Flush lowers the medium EC and nutrient availability, the plant takes any unconverted salts within its structure and properly metabolizes them which results in a cleaner harvest.



ITEM CODE	DESCRIPTION	SRP
GFFF1L	Final Flush, 1 L	\$13.65
GFFF4L	Final Flush, 4 L	37.90
GFFGA1L	Final Flush Green Apple, 1 L	\$14.74
GFFGA4L	Final Flush Green Apple, 4 L	40.72
GFFGF1L	Final Flush Grapefruit, 1 L	14.74
GFFGF4L	Final Flush Grapefruit, 4 L	40.72



VITAMAX PLUS B1 PLANT FORMULA 1-1-2

Blooming supplement designed to encourage better root development, larger blooms, fruits, and flowers. Increases development at blooming and fruiting stages and reduces plant stress. Great for transplanting and rooting. Contains essential nutrients necessary for optimal growth. Use in addition to your regular nutrient.



ITEM CODE	DESCRIPTION	SRP
GTVMP1L	Vitamax Plus, 1 L	\$22.79
GTVMP4L	Vitamax Plus, 4 L	77.01
GTVMP10L	Vitamax Plus, 10 L	152.93
GTVMP23L	Vitamax Plus, 23 L	348.17

INSTA-GREEN 3-0-0

Formulated to reduce yellowing and restore lush, dark color to cuttings, seedlings, and mature plants. Use when plants are stressed due to underfeeding or transplanting until vigor has returned. Best used as a foliar spray in both indoor and outdoor applications.



ITEM CODE	DESCRIPTION	SRP
GTIGQT	Insta-Green, 1 L	\$12.46
GTIGGAL	Insta-Green, 4 L	33.92

Products on this page may not be available in all areas.



Growing Solutions
INCORPORATED

COMPOST TEA SYSTEM & CATALYST

This portable 10 gallon Compost Tea System is ideal for home gardeners, small nurseries, and landscape services. Simple to use and easy to clean, the System10 shares the Growing Solutions patented design of their larger systems. Each System10 includes a free 15 oz. jar of Compost Tea Catalyst™. A premium blend of seaweed extract, mineral powder and botanical ingredients formulated to stimulate optimal microbial growth and diversity during aerated compost tea production. OMRI-listed for use in organic production, Catalyst is ideal for use in any compost tea system, and is available in four convenient sizes.



ITEM CODE	DESCRIPTION	SRP
GSIS10	Compost Tea System, 10 gal	\$879.95
GSICAT15	Compost Tea Catalyst, 15 oz	\$46.95
GSICAT4.5	Compost Tea Catalyst, 4.5 lbs	128.95
GSICAT9	Compost Tea Catalyst, 9 lbs	239.95

THE GUANO COMPANY

BUDSWEL - LIQUID .01-.1-.01 & BUDSWEL - DRY 0-7-0

For strong, multiple blooms in fruiting and flowering plants. A high phosphorous mix of bat and seabird guano plus earthworm castings. Use in soil or hydroponic applications. All organic materials; no synthetics used.



ITEM CODE	DESCRIPTION	SRP
GUBS128	Budswel, 1 gal	\$39.95
GUBS05	Budswel, 5 gal	187.95
GUBS02	Budswel, 2 lbs dry	23.95
GUBS012	Budswel, 12 lbs dry	129.95

SUPER TEA - LIQUID 0.05-0.10-0.02 & SUPER TEA - DRY 5-5-1

For health and growth of houseplants and garden vegetables. A higher nitrogen and potassium ratio for all-around growth made from bat and seabird guano, plus earthworm castings. Use in soil or hydroponic applications. All organic materials; no synthetics used.



ITEM CODE	DESCRIPTION	SRP
GUST128	Super Tea, 1 gal	\$39.95
GUST05	Super Tea, 5 gal	187.95
GUST02	Super Tea, 2 lbs dry	24.95
GUST012	Super Tea, 12 lbs dry	134.95

HORMEX

HORMEX LIQUID CONCENTRATE

Hormex is a vitamin, hormone concentrate and root growth stimulant, and has been a household name amongst the horticultural community for almost 50 years. It prevents transplant shock by stimulating growth of the small feeder roots, which become damaged during transplanting.



ITEM CODE	DESCRIPTION	SRP
HC1204	Hormex Liquid Concentrate, 4 oz	\$10.99
HC1208	Hormex Liquid Concentrate, 8 oz	15.99
HC1216	Hormex Liquid Concentrate, 16 oz	24.99
HC1232	Hormex Liquid Concentrate, 32 oz	39.99
HC4128	Hormex Liquid Concentrate, 1 gal	119.99