



Fertilizer



Grower Select®

Water Soluble Fertilizers

Grower Select® Water Soluble Fertilizers

Grower Select fertilizers are manufactured in North America and feature the highest quality components. Each blend is based on the most popular formulations with excellent solubility and a complete micronutrient package. Save money without compromising on performance!

Value-Based Products You Can Grow With!

We created the BFG Grower Select line of products to bring popular products to market with value-pricing. The expanding BFG Grower Select line includes growing media, carts, pots, benches, greenhouses, specialty items, and more.

Ask your sales rep about the complete BFG Grower Select line of products. It's just one more way you can count on us to keep you growing!

Grower Select® Cal-Mag Triple Iron 16-3-16 Water Soluble Fertilizer

Similar to 17-5-17 but with lower P to prevent stretching and three forms of chelated iron to ensure Fe is available to plants even at a high substrate pH. A versatile utility player with balanced calcium and magnesium and neutral potential acidity.



25lbs

PLNTX12482 Min. Buy 1ea



Grower Select® 17-5-17 Water Soluble Fertilizer

An economical all-in-one fertilizer featuring high levels of nitrate and no urea. You'll get 5 macronutrients in one bag (N, P, K, Ca, Mg) as well as a complete micronutrient package with chelated iron. This neutral formulation will have minimal impact on soil & water pH, making it a great option in many growing situations.



25lbs

PLNTX12481 Min. Buy 1ea
Shipping Info **SHIPS HAZARDOUS**



Grower Select® Mag Triple Iron 18-6-18

Great choice for Petunias, Calibrachoa, Pansies, Vinca, Verbena and other plants that benefit from extra iron. Three sources of chelated iron, potential acidity of 339lbs CaCO₃, and extra magnesium ensure your plants have dark green foliage. Excellent if you have high alkalinity irrigation water because it acidifies and also adds Mg to keep your Ca to Mg ratio in balance.



25lbs

PLNTX12483 Min. Buy 1ea
Shipping Info **HAZARDOUS**



Grower Select® 20-20-20 Water Soluble Fertilizer

A classic blend with a balanced formula that is effective on all types of plants and can be used for general feeding when a specific formula is not called for. Like all Grower Select fertilizers, 20-20-20 has a complete micronutrient fertilizer featuring chelated iron for optimal plant availability.



25lbs

PLNTX12479 Min. Buy 1ea



Grower Select® Fertilizer 20-10-20

Grower Select 20-10-20 serves as the backbone to a cost effective fertility program. Over 60% of nitrogen comes in nitrate form and includes magnesium as well as a complete micronutrient package featuring chelated iron. Lower phosphorous content minimizes plant stretching, making this ideal for growing in low light conditions.



25lb

PLNTX12480 Min. Buy 1ea



TRUST THE INNOVATORS OF THE HIGHEST
QUALITY WATER SOLUBLE FERTILIZERS

JR PETERS INC



JR Peters Inc. makes the highest quality & truly soluble nutrient blends on the market. How can we say that? Because we are here watching over every step of the process. From research & formulation design in our small batch lab, through the intense qualifying of the purest raw materials, to our long-time employees watching over each handcrafted batch. The family at JR Peters ensures that the nutrients in our blends meet the strictest standards that will grow top quality plant material.

Jack's
FERTILIZERS Soluble. Available. Consistent.

www.jrpeters.com | 866-522-5752



Water Soluble Fertilizers

FeED Water Soluble Fertilizers

The FeED line features our most advanced chelating system and boosted levels of micronutrients to fit the specific needs of today's crops. Each product contains increased levels of iron, derived from three chelate sources (EDDHA, EDTA and DTPA) extra magnesium, low ammonium, and no urea.

The proprietary blend of iron level is guaranteed to deliver iron at a much broader range of pH over the entire crop cycle.



JR Peters® Jack's Professional® 15-2-20 Spring Pansy FeED Fertilizer

Designed specifically for the pansies and violas grown in the winter into spring. This product combines 3.5% calcium and 1.75% magnesium and the elevated boron, iron and manganese levels that pansies, salvias and vincas require. The 84% nitrate nitrogen and low phosphorus content control stretch.

- For use on: Fertility programs that require additional Ca, Mg, B & Mn.
- Basicity: 195 lbs CCE



25lb

JRP77720

Min. Buy 1ea

Shipping Info **SHIPS HAZARDOUS**



JR Peters® Jack's Professional® 17-3-19 Fall Pansy FeED Fertilizer

Designed specifically for pansy production in late summer and early fall. A nitrate/ammonium nitrogen system is more efficient in warmer weather. The results in a potentially acidic product that will lower media pH over time. Also contains an iron chelate system plus additional magnesium and boron which is necessary to produce a consistent, high quality crop. At 17% nitrogen content, you also use less product to achieve your desired rates.

- For use on: Designed specifically for pansy production in late summer and early fall.
- Acidic: 231 lbs CCE



25lb

JRP77730

Min. Buy 1ea



JR Peters® Jack's Professional® 20-3-19 Petunia FeED Fertilizer

A proprietary blend of iron chelates are used to increase the availability of iron over a broad range of pH. Contains double the iron found in typical peat-lite formulations. Contains additional magnesium for optimum crop performance, low phosphorus level that help prevent excessive elongation, high nitrate nitrogen, moderately high potential acidity and no urea.

- For use on: Petunia, Calibrachoa, Bacopa.
- Acidic: 420 lbs CCE



25lb

JRP77770

Min. Buy 1ea



JR Peters® Jack's Professional® 15-4-15 Poinsettia FeED +CaMg Fertilizer

Designed to fit the needs of the poinsettia cultivars that require micronutrients, but a lesser amount of macronutrients, containing 50% more iron, manganese, copper and zinc than found in typical poinsettia peat-lite formulations. Low boron levels help prevent toxicity problems. Extra soluble molybdenum added to the formula to reduce or eliminate the extra step of adding molybdenum to each stock tank.

- For use on: Dark leaved Varieties, Light leaved varieties.
- Basicity: 77 lbs CCE



25lb

JRP77750

Min. Buy 1ea



JR Peters® Jack's Professional® 22-5-16 Mum FeED Fertilizer

Mums are heavy feeders that respond well to additional magnesium, sulfur and iron. Additional 2% Nitrogen in this formula reduces your fertilizer usage by approximately 10%, making this product not only nutritionally effective, but cost effective as well.

- For use on: Garden Mums, Iron loving warm weather plants.
- Acidic: 573 lbs CCE



25lb

JRP77740

Min. Buy 1ea



JR Peters® Jack's Professional® 17-5-19 Poinsettia FeED +Mg Fertilizer

Designed to fit the needs of the poinsettia cultivars that require micronutrients, but a lesser amount of macronutrients, containing 50% more iron, manganese, copper and zinc than found in typical poinsettia peat-lite formulations. Low boron levels help prevent toxicity problems.

- For use on: Dark leaved Varieties
- Acidic: 275 lbs CCE



25lb

JRP77760

Min. Buy 1ea





Water Soluble Fertilizers

LX Water Soluble Fertilizers

The LX™ system utilizes proven acidifying solutions to keep N, P, K, Ca and Mg in concentrated form together! All formulations in this enhanced line of fertilizers are fully mixable to tailor customized blends for individual growers and water supplies. The LX system provides a peat-lite micronutrient package that is balanced throughout the product line. This ensures a consistent micronutrient level is supplied when products are tank-mixed.

JR Peters® Jack's Professional® 13-2-13 Plug LX Fertilizer

A water-soluble fertilizer ideal for plug production with 6% calcium and 3% magnesium It is formulated with 94% nitrate nitrogen and a low phosphorus content to promote compact, sturdy plugs.

- For use on: All Plants
• Basicity: 319 lbs CCE
• No Urea



25lb JRP77490 Min. Buy 1ea



JR Peters® Jack's Professional® 21-5-20 All Purpose LX Fertilizer

A water-soluble fertilizer Ideal for moderate to high alkalinity waters. It is formulated with over 60% nitrate nitrogen and a peat-lite level of micronutrients.

- For use on: All bedding and potted plants, can be used for plugs at low rates.
• Acidic: 407 lbs CCE
• No Urea



25lb JRP77990 Min. Buy 1ea Shipping Info HAZARDOUS



JR Peters® Jack's Professional® 20-5-19 Poinsettia LX Fertilizer

Ideal fertilizer for poinsettia production with moderate to high alkalinity waters. The peat-lite level of micronutrients is adjusted to provide higher zinc and molybdenum and lower boron with over 60% nitrate nitrogen.

- For use on: Light and Dark Leaved poinsettia varieties.
• Acidic: 379 lbs CCE
• No Urea



25lb JRP77590 Min. Buy 1ea Shipping Info SHIPS HAZARDOUS



JR Peters® Jack's Professional® 17-4-17 Pure Water LX Fertilizer

Blended for growers desiring a 4:1:4 ratio for pure water. This formulation will not cause pH crash in media. Calcium is supplied at 3% with magnesium at 1.5% to add what pure water does not supply.

- For use on: All bedding plants, plugs and young plants and vegetables as finished or transplants.
• Neutral: 0 lbs CCE
• No Urea



25lb JRP77560 Min. Buy 1ea



JR Peters® Jack's Professional® 15-5-15 +CaMg LX Fertilizer

A truly comprehensive formulation containing all of the macro and micro nutrients. Contains 4% calcium and 2% magnesium, which makes it an ideal choice for use with water that is low in those nutrients. Formulated with 80% nitrate nitrogen and contains a Peat-Lite level of micronutrients.

- For use on: All plants
• Basicity: 69 lbs CCE
• Urea: 3.72



25lb JRP77940 Min. Buy 1ea Shipping Info HAZARDOUS





Water Soluble Fertilizers

Professional Water Soluble Fertilizers

Premier grade fertilizers formulated with highest quality components and manufacturing controls. Bob Peters improved his special blend of growth enhancing "goodies" that are included in every batch of the Jack's Professional brand.

JR Peters® Jack's Professional® 20-20-20 General Purpose Fertilizer

Great for maintaining plants in garden center and growing facilities. It provides fast green-up and great foliar expansion due to the high percentage of ammonium and urea nitrogen plus balanced phosphorus and potassium for excellent root and shoot growth.

- For use on: All outdoor grown plants
- Acidic: 555 lbs CCE



25lb

JRP77010

Min. Buy 1ea



JR Peters® Jack's Professional® 20-10-20 General Purpose Fertilizer

A water-soluble fertilizer designed to be mixed with water for the most accurate and effective nutrient delivery to the plant. It contains the traditional micronutrient levels needed for general production including propagation and all types of bedding plants. High nitrate nitrogen levels (60% of the total) provides for green foliage and more compact growth.

- For use on: All Plants
- Acidic: 555 lbs CCE
- No Urea



25lb

JRP77840

Min. Buy 1ea

Shipping Info **SHIPS HAZARDOUS**



JR Peters® Jack's Professional® 15-15-15 Geranium Fertilizer

Ideal for geraniums and other neutral pH loving plants. The high phosphorus content promotes strong root growth and bud set. Great for pink hydrangeas. The high nitrate nitrogen content (56%) and the general-purpose level of micronutrients help minimize nutritional toxicities on geraniums.

- For use on: Geraniums, marigolds, and other plants with media pH requirements above 6.2
- Acidic: 151 lbs CCE



25lb

JRP77020

Min. Buy 1ea



JR Peters® Jack's Professional® 10-30-20 Blossom Booster Fertilizer

High phosphorus formula used during periods of bud set to increase the number and size of blossoms. Great for vegetable production.

- For use on: Flowering plants.
- Acidic: 347 lbs CCE



25lb

JRP77160

Min. Buy 1ea



JR Peters® Jack's Professional® 25-5-15 High Performance Fertilizer

High efficiency formula designed to maximize your NPK delivery while keeping a balance of macro secondary and micronutrients for optimum plant growth. Delivers an efficient, balanced formula even when you use less fertilizer.

- For use on: All bedding plants and vegetable transplants
- Acidic: 608 lbs CCE
- No Urea



25lb

JRP77900

Min. Buy 1ea



JR Peters® Jack's Professional® 15-0-15 Dark Weather Peat-Lite Fertilizer

A no phosphate water soluble fertilizer that contains calcium nitrate (CaNO₃), an essential tool for regulating growth when the weather is cool with little sunlight. This will greatly reduce the potential for damage to the roots of the plant and provide solid, balanced nutrition under these conditions.

- For use on: All Plants, especially useful for plants that have a higher Ca requirement like Poinsettias and Tomatoes.
- Basicity: 319 lbs CCE
- No Urea



25lb

JRP77190

Min. Buy 1ea



JR Peters® Jack's Professional® 15-0-15 Dark Weather Fertilizer

A no phosphate water soluble fertilizer that contains calcium nitrate (CaNO₃), an essential tool for regulating growth when the weather is cool with little sunlight. This will greatly reduce the potential for damage to the roots of the plant and provide solid, balanced nutrition under these conditions.

- For use on: All Plants, especially useful for plants that have a higher Ca requirement like Poinsettias and Tomatoes.
- Basicity: 344 lbs CCE
- No Urea



25lb

JRP77180

Min. Buy 1ea



Water Soluble Fertilizers

Professional Water Soluble Fertilizers

Premier grade fertilizers formulated with highest quality components and manufacturing controls. Bob Peters improved his special blend of growth enhancing "goodies" that are included in every batch of the Jack's Professional brand.

JR Peters® Jack's Professional® 15-16-17 Peat-Lite Fertilizer

A water-soluble fertilizer designed to be mixed with water for the most accurate and effective nutrient delivery to the plant. Similar to 20-20-20 but with over 60% nitrate nitrogen, boosted micronutrient levels and much less acidic reaction in the root media. The balanced N-P-K ratio is excellent for producing fast-growing plants or for maintaining plants in a sales environment.

- For use on: All plants especially the geranium. Great choice when trying to maintain finished plants in a garden center.
- Acidic: 122 lbs CCE



25lb
JRP77220 Min. Buy 1ea



JR Peters® Jack's Professional® 21-7-7 Acid Fertilizer

A water-soluble fertilizer ideal for acid-loving plants in the nursery and landscape. Provides a rapid correction of a high pH situation. Contains no harmful chlorides.

- For use on: Acid loving plants in nursery and landscape, such as rhododendrons, azaleas, and evergreens.
- Acidic: 1539 lbs CCE



25lb
JRP77130 Min. Buy 1ea



JR Peters® Jack's Professional® 21-8-18 Mag Mum Fertilizer

Mums are heavy feeders that respond well to additional magnesium, sulfur and iron. Additional 2% Nitrogen in this formula reduces your fertilizer usage by approximately 10%, making this product not only nutritionally effective, but cost effective as well.

- For use on: Garden Mums
- Acidic: 446 lbs CCE
- No Urea



25lb
JRP71440 Min. Buy 1ea



JR Peters® Jack's Professional® 20-10-20 Peat-Lite Fertilizer

A water-soluble fertilizer that has approximately twice the level of micronutrients as the general purpose formulation. The additional level of micronutrients provides necessary elements absent from most commercially made peat-lite potting media.

- For use on: All greenhouse plants grown in peat-lite mixes
- Acidic: 401 lbs CCE
- No Urea



25lb
JRP77860 Min. Buy 1ea
Shipping Info **SHIPS HAZARDOUS**



JR Peters® Jack's Professional® 15-5-25 Poinsettia Peat-Lite Fertilizer

A water-soluble fertilizer that contains more than 70% nitrate nitrogen and has a micronutrient package adjusted for poinsettias (lower boron and increased magnesium, zinc and molybdenum). An ideal choice for low alkalinity waters when the feed program is supplemented with calcium-containing products.

- For use on: Poinsettias
- Acidic: 46 lbs CCE



25lb
JRP77790 Min. Buy 1ea



JR Peters® Jack's Professional® 16-4-17 Oasis Hydroponic FeEd Fertilizer

An innovative formula that provides all the macro, secondary and micronutrients in a one-part system. Designed specially for hydroponically grown herbs (basil, cilantro, chives, parsley etc.), as well as, lettuce and most vegetables. Includes our proprietary blend of iron chelates that keeps iron available even as the pH varies up to a high of 8.0. Also contains a significant level of soluble calcium and magnesium, for all-around plant nutrition.

- For use on: Herbs, all types lettuce, Hydro garden crops
- Neutral: 0 lbs CCE
- No Urea
- Contains increased levels of iron from 3 chelate sources



25lb
JRP71750 Min. Buy 1ea





Water Soluble Fertilizers

Jack's® Nutrients FeEd 5-12-26 Part A Fertilizer

Promotes the growth of leaves and strong roots. Blended with purely soluble and available nutrients to allow the grower maximum flexibility. Specific mixtures of macro, secondary and micronutrients deliver an efficient combination of nutrients suitable for many different growing environments and crop types.



2.2lbs

JRP79031 Min. Buy 1ea

25lb Bag

JRP79030 Min. Buy 1ea



Jack's® Nutrients FeEd 15-6-17 Clone Starter Fertilizer

Promotes fast root development and extensive root system growth. Best used for fertilizing young seedlings, transplants, clones and newly set root cuttings.



2.2lb

JRP79071 Min. Buy 1ea

25lb

JRP79070 Min. Buy 1ea



Jack's® Nutrients BOOST 15-0-0 Calcium Nitrate Part B Fertilizer

Promotes Calcium uptake and strong leaf growth. BOOST 15-0-0 is a pure combination of a calcium and nitrate nitrogen allowing growers flexibility to boost their levels according to different crops or stages of growth. Used in combination with Jack's Part A FeED, these two products combined to make a totally available nutrient solution.



2.2lb

JRP79081 Min. Buy 1ea

25lb

JRP79080 Min. Buy 1ea



Jack's® Nutrients FeEd 12-4-16 RO Pure Water Fertilizer

Nutrient uptake in pure and reverse osmosis waters. Designed to provide a highly soluble NPK plus enhanced micronutrient package along with 7% Calcium and 2% soluble magnesium to help replace the nutrients that are missing from pure water and RO filter water types.



2.2lbs

JRP79041 Min. Buy 1ea

25lb Bag

JRP79040 Min. Buy 1ea



Jack's® Nutrients FeEd 10-30-20 Bloom Fertilizer

Promotes root growth plus flower and fruit development. This 1:3:2 major nutrient ratio combination promotes blooming resulting in enhanced flower buds and fruit sets. Proven and trusted by professional growers for over 70 years.



2.2lb

JRP79061 Min. Buy 1ea

25lb

JRP79060 Min. Buy 1ea



Jack's® Nutrients FeEd 15-5-20 Tap Water Fertilizer

Promotes growth of leaves and strong roots. Allow your plants to drink this formula designed to provide all the macro, secondary and micro nutrients on a one-part system. Specifically formulated for alkaline tap, city or well water types. This potentially acidic formula will lower pH over time without forgetting the extra soluble Ca, Mg and the right amount of micronutrients.



2.2lb

JRP79051 Min. Buy 1ea

25lb

JRP79050 Min. Buy 1ea



Jack's® Nutrients FeEd 5-50-18 UltraViolet Fertilizer

Promotes Bud Set & Enhanced Flower Production. Get ready for a serious boost of available phosphorus. The primary goal of this formula is to assist in shutting down the strong vegetative growth stage of the plant and promote the switch to reproductive or flowering phase of plant and flower development.



2.2lb

JRP79011 Min. Buy 1ea

25lb

JRP79010 Min. Buy 1ea



Jack's® Nutrients FeEd 7-15-30 Finish Fertilizer

Promotes strong finished plants. You have always been told to finish strong. This formula is ideally formulated for this purpose to provide your plants with low N, high P and high K content to keep the whole plant happy to the end of its crop cycle.



2.2lb

JRP79021 Min. Buy 1ea

25lb

JRP79020 Min. Buy 1ea



Water Soluble Fertilizers

Jack's Nutrients Fertilizers

A collection of formulas that gives you choices that work for many different controlled environments without the hype or confusion of extravagant names and crazy labels..



JR Peters® Jack's Nutrients BOOST 15-0-0 Cal-Trate

This product addresses specific crop and water needs. Formula can be used by itself or as a supplement to any Jack's LX tank-mixed program. It is designed to supply additional Calcium and Nitrogen as well as minor elements. 100 ppm nitrogen solution contains 120 ppm calcium. For use on All plants. Especially useful to crops that have a hard time translocating Calcium, some well known examples are: Tomatoes and Poinsettias.



25lbs

JRP79170

Min. Buy 1ea



Basic Nutrients

Jack's Nutrients® Epsom Salt

An essential item to the Jack's® 3-2-1 program.



1kg, 6/cs

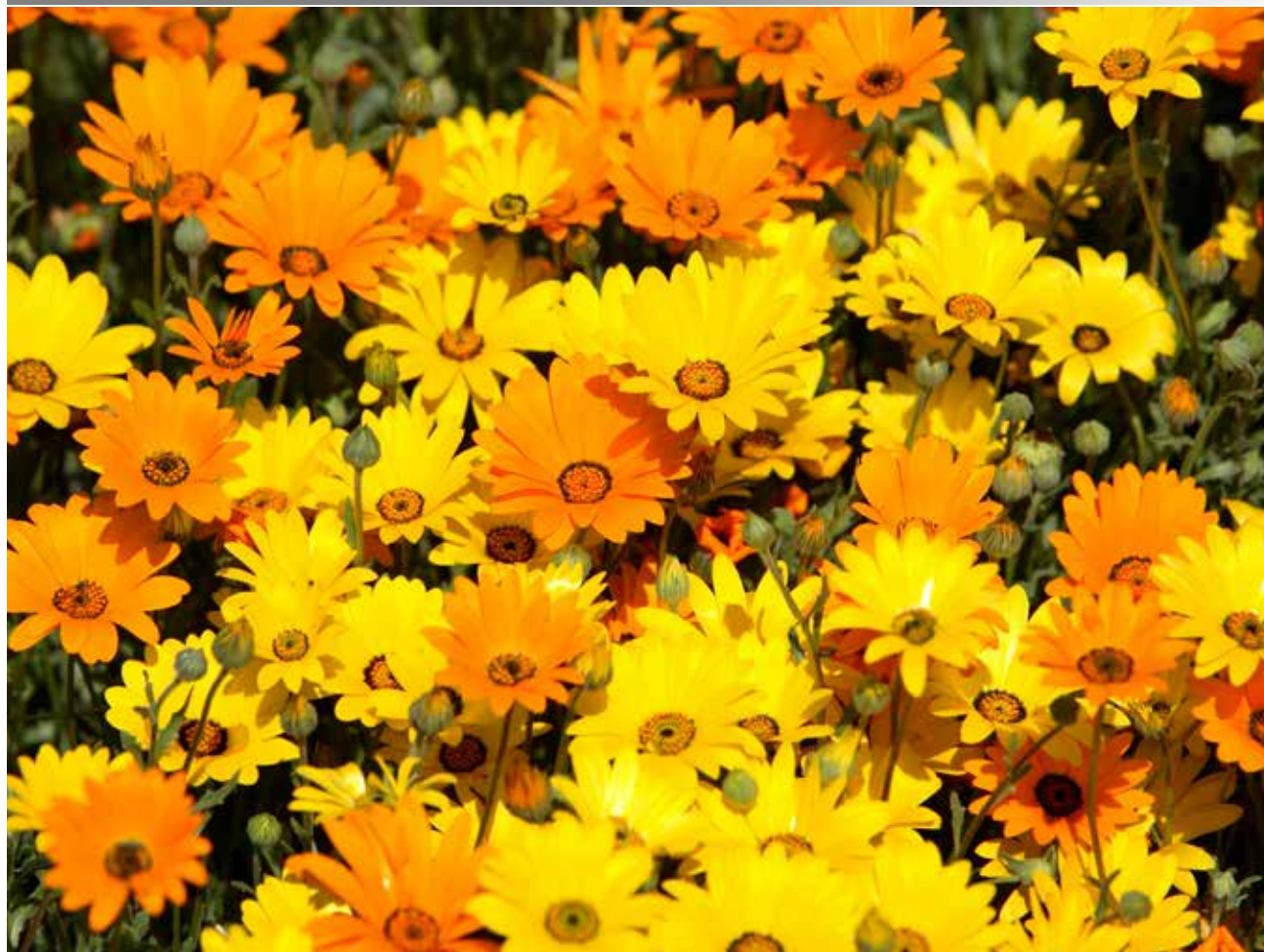
JRP79161

Min. Buy 6ea

25lbs

JRP79160

Min. Buy 1ea





PPM & EC

Use this chart to compare the nutrient composition of Jack's Professional products at a consistent rate of 100 ppm nitrogen.

Water Soluble Fertilizers

Jack's FeEDs® Water-Soluble Fertilizers

These are the newest additions to the Jack's Professional line of fertilizers. Featuring our most advanced chelating system and boosted levels of micronutrients to fit the specific needs of today's crops. Each product contains increased levels of iron, derived from three chelate sources, EDDHA, EDTA and DTPA, to keep it available over a wide range of pH values, magnesium and low ammonium, no urea nitrogen.

Name	Item #	NO ³	NH ⁴	Urea	P	K	Ca	Mg	B	Cu
22-5-16 Mum FeED®	77740	57.0	43.0	0.0	9.9	60.6	0.0	2.3	0.091	0.045
20-3-19 Petunia FeED Plus Mg	77770	59.8	40.2	0.0	6.5	78.9	0.0	6.7	0.100	0.050
17-5-19 Poinsettia FeED Plus Mg	77760	63.5	36.5	0.0	12.8	92.8	0.0	17.6	0.040	0.075
15-4-15 Poinsettia FeED Ca-Mg	77750	80.8	19.2	0.0	11.6	83.0	26.7	13.3	0.045	0.075
17-3-19 Fall Pansy FeED	77730	65.3	34.7	0.0	7.7	93.6	0.0	17.6	0.200	0.075
15-2-20 Spring Pansy FeED	77720	84.3	15.7	0.0	5.8	111.1	23.3	11.7	0.204	0.047
16-4-17 Oasis Hydroponic	71750	78.0	21.9	0.0	10.6	86.0	24.4	12.2	0.100	0.050

Jack's LX™ Water-Soluble Fertilizers

The LX™ system utilizes proven acidifying solutions to keep N, P, K, Ca and Mg in concentrated form together! All formulations in this enhanced line of fertilizers are fully mixable to tailor customized blends for individual growers and water supplies. The LX system provides a peat-lite micronutrient package that is balanced throughout the product line. This ensures a consistent micronutrient level is supplied when products are tank mixed.

Name	Item #	NO ³	NH ⁴	Urea	P	K	Ca	Mg	B	Cu
21-5-20 All Purpose	77990	62.3	37.7	0.0	10.4	79.1	0.0	0.7	0.100	0.050
20-5-19 Poinsettia	77590	62.8	37.2	0.0	10.9	78.9	0.0	3.0	0.050	0.050
17-4-17 Pure Water	77560	78.1	21.9	0.0	10.3	83.0	17.6	8.8	0.100	0.050
16-2-15 Hi Alkalinity Water Plug	77600	75.0	25.0	0.0	5.5	77.8	18.8	9.4	0.100	0.050
15-5-15 CA - MG	77940	80.0	20.0	0.0	14.5	83.0	26.7	13.3	0.100	0.050
13-2-13 Plug	77490	94.0	6.0	0.0	6.7	83.0	46.2	23.1	0.100	0.050
10-0-0 Mag-Trate	79190	100.0	0.0	0.0	0.0	0.0	0.0	90.0	0.100	0.050





Name		Item #	Fe	Mn	Mo	Zn	CCE LBS	A/B	E.C. @ 100 PPM
22-5-16	Mum FeED®	77740	0.910	0.227	0.045	0.227	573	Acidity	0.67
20-3-19	Petunia FeED Plus Mg	77770	1.000	0.250	0.050	0.250	420	Acidity	0.64
17-5-19	Poinsettia FeED Plus Mg	77760	0.750	0.375	0.500	0.450	275	Acidity	0.78
15-4-15	Poinsettia FeED Ca-Mg	77750	0.750	0.375	0.500	0.450	77	Basicity	0.76
17-3-19	Fall Pansy FeED	77730	1.000	0.375	0.075	0.375	231	Acidity	0.74
15-2-20	Spring Pansy FeED	77720	0.500	0.333	0.047	0.250	195	Basicity	0.74
16-4-17	Oasis Hydroponic	71750	1.230	0.300	0.050	0.310	0	Neutral	0.78

Name		Item #	Fe	Mn	Mo	Zn	CCE LBS	A/B	E.C. @ 100 PPM
21-5-20	All Purpose	77990	0.500	0.250	0.050	0.250	407	Acidity	0.62
20-5-19	Poinsettia	77590	0.500	0.250	0.500	0.300	379	Acidity	0.64
17-4-17	Pure Water	77560	0.500	0.250	0.050	0.250	0	Neutral	0.72
16-2-15	Hi Alkalinity Water Plug	77600	0.500	0.250	0.050	0.250	76	Acidity	0.78
15-5-15	CA - MG	77940	0.500	0.250	0.050	0.250	69	Basicity	0.76
13-2-13	Plug	77490	0.500	0.250	0.050	0.250	319	Basicity	0.82
10-0-0	Mag-Trate	79190	0.500	0.250	0.050	0.250	348	Basicity	0.80





Water Soluble Fertilizers

PPM & EC

Use this chart to compare the nutrient composition of Jack's Professional products at a consistent rate of 100 ppm nitrogen.

Jack's Professional® Water-Soluble Fertilizers

Premier grade fertilizers formulated with highest quality components and manufacturing controls. Special blend of growth enhancing "goodies" that are included in every bag of the Jack's Professional brand.

Name	Item #	NO ³	NH ⁴	Urea	P	K	Ca	Mg	B	Cu
27-15-12 Foliar Feed	77521	13.7	11.0	75.3	24.2	36.9	0.0	0.4	0.093	0.231
25-5-15 High Performance	77900	57.0	43.0	0.0	8.7	50.0	0.0	0.4	0.100	0.050
24-8-16 Tropical Foliage	77930	34.9	24.5	40.6	14.5	55.3	0.0	2.1	0.014	0.083
21-8-18 MagMum	71440	59.0	40.9	0.0	16.6	71.1	0.0	4.7	0.100	0.050
21-7-16 Interiorscape Special	73000	28.9	23.0	48.0	14.5	63.2	0.0	4.7	0.010	0.240
21-7-7 Acid	77130	0.0	54.6	45.4	14.5	27.7	0.0	3.3	0.032	0.017
20-20-20 General Purpose	77010	30.3	19.2	50.5	43.6	83.0	0.0	0.3	0.034	0.018
20-10-20 General Purpose	77840	60.0	40.0	0.0	21.8	83.0	0.0	0.8	0.034	0.018
20-10-20 Peat-Lite	77860	60.0	40.0	0.0	21.8	83.0	0.0	0.8	0.100	0.050
20-0-20 Hi Cal Peat-Lite	77660	54.0	1.7	44.3	0.0	83.0	30.0	0.0	0.100	0.050
17-5-24 Low Acid Peat-Lite	77430	68.6	31.4	0.0	12.8	117.2	0.0	11.8	0.100	0.050
15-30-15 Hi Phosphate	77080	27.7	35.2	37.1	87.3	83.0	0.0	1.7	0.045	0.024
15-16-17 Peat-Lite	77220	61.7	21.0	17.3	46.6	94.1	0.0	0.08	0.100	0.050
15-15-15 Geranium	77020	56.0	19.2	24.6	43.6	83.0	0.0	0.3	0.045	0.024
15-11-29 Peat-Lite	77230	71.5	28.5	0.0	32.0	160.5	0.0	0.8	0.100	0.050
15-10-30 Pot Mum Finisher	77110	52.6	11.1	36.3	29.1	166.0	0.0	1.7	0.045	0.024
15-5-25 Poinsettia Peat-Lite	77790	71.9	28.1	0.0	14.5	138.4	0.0	17.7	0.045	0.500
15-0-15 Dark Weather	77190	80.8	3.9	15.3	0.0	83.0	73.3	0.0	0.045	0.024
15-0-15 Dark Weather Peat-Lite	77180	90.0	10.0	0.0	0.0	83.0	71.3	0.0	0.100	0.050
10-30-20 Blossom Booster	77160	50.0	50.0	0.0	130.9	166.0	0.0	20.3	0.068	0.036
9-45-15 Plant Starter	77140	0.0	100.0	0.0	218.2	138.4	0.0	0.6	0.076	0.040
5-12-26 Part A	79030	100.0	0.0	0.0	104.7	431.7	0.0	126.4	1.000	0.300
15-0-0 Cal-Trate	79170	93.0	7.0	0.0	0.0	0.0	120.0	0.0	0.100	0.050





Name		Item #	Fe	Mn	Mo	Zn	CCE LBS	A/B	E.C.@ 100PPM
27-15-12	Foliar Feed	77521	0.463	0.231	0.002	0.231	923	Acidity	0.22
25-5-15	High Performance	77900	0.500	0.252	0.050	0.252	608	Acidity	0.57
24-8-16	Tropical Foliage	77930	0.208	0.104	0.004	0.083	737	Acidity	0.40
21-8-18	MagMum	71440	0.480	0.250	0.050	0.250	446	Acidity	0.72
21-7-16	Interiorscape Special	73000	0.480	0.240	0.000	0.240	672	Acidic	0.60
21-7-7	Acid	77130	0.714	0.119	0.004	0.012	1539	Acidity	0.60
20-20-20	General Purpose	77010	0.250	0.125	0.005	0.013	555	Acidity	0.42
20-10-20	General Purpose	77840	0.250	0.125	0.005	0.013	407	Acidity	0.64
20-10-20	Peat-Lite	77860	0.500	0.250	0.050	0.250	401	Acidity	0.64
20-0-20	Hi Cal Peat-Lite	77660	0.500	0.250	0.050	0.250	0	Neutral	0.48
17-5-24	Low Acid Peat-Lite	77430	0.500	0.250	0.050	0.250	133	Acidity	0.76
15-30-15	Hi Phosphate	77080	0.333	0.167	0.006	0.017	696	Acidity	0.58
15-16-17	Peat-Lite	77220	0.500	0.250	0.050	0.250	122	Acidity	0.68
15-15-15	Geranium	77020	0.333	0.167	0.006	0.017	151	Acidity	0.70
15-11-29	Peat-Lite	77230	0.500	0.250	0.050	0.250	58	Acidity	0.96
15-10-30	Pot Mum Finisher	77110	0.333	0.167	0.006	0.017	98	Acidity	0.70
15-5-25	Poinsettia Peat-Lite	77790	0.500	0.280	0.500	0.333	46	Acidity	0.82
15-0-15	Dark Weather	77190	0.333	0.167	0.006	0.017	319	Basicity	0.74
15-0-15	Dark Weather Peat-Lite	77180	0.500	0.250	0.050	0.250	344	Basicity	0.78
10-30-20	Blossom Booster	77160	0.500	0.250	0.009	0.025	347	Acidity	0.98
9-45-15	Plant Starter	77140	0.556	0.278	0.010	0.028	965	Acidity	1.20
5-12-26	Part A	79030	6.000	1.000	0.200	0.300	211	Basicity	2.10
15-0-0	Cal-Trate	79170	0.500	0.250	0.050	0.250	367	Basicity	0.74



Labels

Use these charts to compare the guaranteed analyses of Jack's Professional Products.

Water Soluble Fertilizers

Jack's FeEDs® Water-Soluble Fertilizers

These are the newest additions to the Jack's Professional line of fertilizers. Featuring our most advanced chelating system and boosted levels of micronutrients to fit the specific needs of today's crops. Each product contains increased levels of iron, derived from three chelate sources, EDDHA, EDTA and DTPA, to keep it available over a wide range of pH values, magnesium and low ammonium, no urea nitrogen.

Products			% Nitrogen				%P	%K	%Ca	%Mg	%B
Name		Item #	Total	NO ³	NH ⁴	Urea	P ² O ⁵	K ² O			
22-5-16	Mum FeED®	77740	22.00	12.54	9.46	0.00	5.00	16.00	0.00	0.50	0.0200
20-3-19	Petunia FeED Plus Mg	77770	20.00	11.96	8.04	0.00	3.00	19.00	0.00	1.34	0.0200
17-5-19	Poinsettia FeED Plus Mg	77760	17.00	10.79	6.21	0.00	5.00	19.00	0.00	3.00	0.0068
15-4-15	Poinsettia FeED Ca-Mg	77750	15.00	12.12	2.88	0.00	4.00	15.00	4.00	2.00	0.0068
17-3-19	Fall Pansy FeED	77730	17.00	11.10	5.90	0.00	3.00	19.00	0.00	3.00	0.0340
15-2-20	Spring Pansy FeED	77720	15.00	12.64	2.36	0.00	2.00	20.00	3.50	1.75	0.0306
16-4-17	Oasis Hydroponic	71750	16.00	12.80	3.60	0.00	4.00	17.00	4.00	2.00	0.0160

Jack's LX™ Water-Soluble Fertilizers

The LX™ system utilizes proven acidifying solutions to keep N, P, K, Ca and Mg in concentrated form together! All formulations in this enhanced line of fertilizers are fully mixable to tailor customized blends for individual growers and water supplies. The LX system provides a peat-lite micronutrient package that is balanced throughout the product line. This ensures a consistent micronutrient level is supplied when products are tank mixed.

Products			% Nitrogen				%P	%K	%Ca	%Mg	%B
Name		Item #	Total	NO ³	NH ⁴	Urea	P ² O ⁵	K ² O			
21-5-20	All Purpose	77990	21.00	13.08	7.92	0.00	5.00	20.00	0.00	0.15	0.0210
20-5-19	Poinsettia	77590	20.00	12.56	7.44	0.00	5.00	19.00	0.00	0.60	0.0100
17-4-17	Pure Water	77560	17.00	13.27	3.73	0.00	4.00	17.00	3.00	1.50	0.0170
16-2-15	Hi Alkalinity Water Plug	77600	16.00	12.00	4.00	0.00	2.00	15.00	3.00	1.50	0.0160
15-5-15	CA - MG	77940	15.00	12.00	3.00	0.00	5.00	15.00	4.00	2.00	0.0150
13-2-13	Plug	77490	13.00	12.22	0.78	0.00	2.00	13.00	6.00	3.00	0.0130
10-0-0	Mag-Trate	79190	10.00	10.00	0.00	0.00	0.00	0.00	0.00	9.00	0.0100





Products			%Cu	%Fe	%Mn	%Mo	%Zn	CCE LBS	A/B
Name		Item #							
22-5-16	Mum FeED®	77740	0.0100	0.2000	0.0500	0.0100	0.0500	573	Acidity
20-3-19	Petunia FeED Plus Mg	77770	0.0100	0.2000	0.0500	0.0100	0.0500	420	Acidity
17-5-19	Poinsettia FeED Plus Mg	77760	0.0128	0.1275	0.0638	0.0850	0.0765	275	Acidity
15-4-15	Poinsettia FeED Ca-Mg	77750	0.0112	0.1125	0.0563	0.0750	0.0675	77	Basicity
17-3-19	Fall Pansy FeED	77730	0.0128	0.1700	0.0638	0.0128	0.0638	231	Acidity
15-2-20	Spring Pansy FeED	77720	0.0070	0.0750	0.0500	0.0070	0.0375	195	Basicity
16-4-17	Oasis Hydroponic	71750	0.0090	0.1000	0.0500	0.0080	0.0400	0	Neutral

Products			%Cu	%Fe	%Mn	%Mo	%Zn	CCE LBS	A/B
Name		Item #							
21-5-20	All Purpose	77990	0.0105	0.1050	0.0525	0.0105	0.0525	407	Acidity
20-5-19	Poinsettia	77590	0.0100	0.1000	0.0500	0.1000	0.0600	379	Acidity
17-4-17	Pure Water	77560	0.0085	0.0850	0.0425	0.0085	0.0425	0	Neutral
16-2-15	Hi Alkalinity Water Plug	77600	0.0080	0.0800	0.0400	0.0080	0.0400	76	Acidity
15-5-15	CA - MG	77940	0.0075	0.0750	0.0375	0.0075	0.0375	69	Basicity
13-2-13	Plug	77490	0.0065	0.0650	0.0325	0.0065	0.0325	319	Basicity
10-0-0	Mag-Trate	79190	0.0050	0.0500	0.0250	0.0050	0.0250	348	Basicity





Labels

Use these charts to compare the guaranteed analyses of Jack's Professional Products.

Water Soluble Fertilizers



Jack's Professional® Water-Soluble Fertilizers

Premier grade fertilizers formulated with highest quality components and manufacturing controls. Special blend of growth enhancing "goodies" that are included in every bag of the Jack's Professional brand.

Products			% Nitrogen				%P	%K	%Ca	%Mg	%B
Name		Item #	Total	NO ³	NH ⁴	Urea	P ² O ⁵	K ² O			
27-15-12	Foliar Feed	77521	27.00	3.71	2.96	20.33	15.00	12.00	0.00	0.10	0.0250
25-5-15	High Performance	77900	25.00	14.25	10.75	0.00	5.00	15.00	0.00	0.10	0.0250
24-8-16	Tropical Foliage	77930	24.00	8.37	5.89	9.74	8.00	16.00	0.00	0.50	0.0034
21-8-18	MagMum	71440	21.00	12.40	8.60	0.00	8.00	18.00	0.00	1.00	0.0210
21-7-16	Interiorscape Special	73000	21.00	6.08	4.83	10.09	7.00	16.00	0.00	1.00	0.0030
21-7-7	Acid	77130	21.00	0.00	11.47	9.53	7.00	7.00	0.00	0.70	0.0068
20-20-20	General Purpose	77010	20.00	6.07	3.83	10.10	20.00	20.00	0.00	0.05	0.0068
20-10-20	General Purpose	77840	20.00	12.00	8.00	0.00	10.00	20.00	0.00	0.15	0.0068
20-10-20	Peat-Lite	77860	20.00	12.00	8.00	0.00	10.00	20.00	0.00	0.15	0.0200
20-0-20	Hi Cal Peat-Lite	77660	20.00	10.79	0.34	8.87	0.00	20.00	6.00	0.00	0.0200
17-5-24	Low Acid Peat-Lite	77430	17.00	11.67	5.33	0.00	5.00	24.00	0.00	2.00	0.0170
15-30-15	Hi Phosphate	77080	15.00	4.15	5.28	5.57	30.00	15.00	0.00	0.25	0.0068
15-16-17	Peat-Lite	77220	15.00	9.25	3.15	2.60	16.00	17.00	0.00	0.12	0.0150
15-15-15	Geranium	77020	15.00	8.40	2.88	3.72	15.00	15.00	0.00	0.05	0.0068
15-11-29	Peat-Lite	77230	15.00	10.73	4.27	0.00	11.00	29.00	0.00	0.12	0.0150
15-10-30	Pot Mum Finisher	77110	15.00	7.89	1.67	5.44	10.00	30.00	0.00	0.25	0.0068
15-5-25	Poinsettia Peat-Lite	77790	15.00	10.79	4.21	0.00	5.00	25.00	0.00	2.65	0.0068
15-0-15	Dark Weather	77190	15.00	12.12	0.58	2.30	0.00	15.00	11.00	0.00	0.0068
15-0-15	Dark Weather Peat-Lite	77180	15.00	13.50	1.50	0.00	0.00	15.00	10.69	0.00	0.0150
10-30-20	Blossom Booster	77160	10.00	5.00	5.00	0.00	30.00	20.00	0.00	2.03	0.0068
9-45-15	Plant Starter	77140	9.00	0.00	9.00	0.00	45.00	15.00	0.00	0.05	0.0068
5-12-26	Part A	79030	5.00	5.00	0.00	0.00	12.00	26.00	0.00	6.32	0.0500
15-0-0	Cal Nit Part B	79080	15.50	14.42	1.08	0.00	0.00	0.00	18.00	0.00	0.0000
	MOST	77391	N/A	N/A	N/A	N/A	N/A	N/A	N/A	0.40	1.3500
	MOST NO BORON	77392	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.00	0.0000
	Ammonium Molybdate	77743	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A



Products			%Cu	%Fe	%Mn	%Mo	%Zn	CCE LBS	A/B
Name		Item #							
27-15-12	Foliar Feed	77521	0.0625	0.1250	0.0625	0.0006	0.0625	923	Acidity
25-5-15	High Performance	77900	0.0125	0.1250	0.0630	0.0125	0.0630	608	Acidity
24-8-16	Tropical Foliage	77930	0.0200	0.0500	0.0250	0.0009	0.0200	737	Acidity
21-8-18	MagMum	71440	0.0110	0.1050	0.0530	0.0110	0.0530	446	Acidity
21-7-16	Interiorscape Special	73000	0.0500	0.1000	0.0500	0.0009	0.0500	672	Acidity
21-7-7	Acid	77130	0.0036	0.1500	0.0250	0.0009	0.0025	1539	Acidity
20-20-20	General Purpose	77010	0.0036	0.0500	0.0250	0.0009	0.0025	555	Acidity
20-10-20	General Purpose	77840	0.0036	0.0500	0.0250	0.0009	0.0025	407	Acidity
20-10-20	Peat-Lite	77860	0.0100	0.1000	0.0500	0.0100	0.0500	401	Acidity
20-0-20	Hi Cal Peat-Lite	77660	0.0100	0.1000	0.0500	0.0100	0.0500	0	Neutral
17-5-24	Low Acid Peat-Lite	77430	0.0085	0.0850	0.0425	0.0085	0.0425	133	Acidity
15-30-15	Hi Phosphate	77080	0.0036	0.0500	0.0250	0.0009	0.0025	696	Acidity
15-16-17	Peat-Lite	77220	0.0075	0.0750	0.0375	0.0075	0.0375	122	Acidity
15-15-15	Geranium	77020	0.0036	0.0500	0.0250	0.0009	0.0025	151	Acidity
15-11-29	Peat-Lite	77230	0.0075	0.0750	0.0375	0.0075	0.0375	58	Acidity
15-10-30	Pot Mum Finisher	77110	0.0036	0.0500	0.0250	0.0009	0.0025	98	Acidity
15-5-25	Poinsettia Peat-Lite	77790	0.0075	0.0750	0.0420	0.0750	0.0500	46	Acidity
15-0-15	Dark Weather	77190	0.0036	0.0500	0.0250	0.0009	0.0025	319	Basicity
15-0-15	Dark Weather Peat-Lite	77180	0.0075	0.0750	0.0375	0.0075	0.0375	344	Basicity
10-30-20	Blossom Booster	77160	0.0036	0.0500	0.0250	0.0009	0.0025	347	Acidity
9-45-15	Plant Starter	77140	0.0036	0.0500	0.0250	0.0009	0.0025	965	Acidity
5-12-26	Part A	79030	0.0150	0.3000	0.0500	0.0100	0.0150	211	Basicity
15-0-0	Cal Nit Part B	79080	0.0000	0.0000	0.0000	0.0000	0.0000	400	Basicity
	MOST	77391	2.3000	7.5000	8.0000	0.0400	4.5000	N/A	N/A
	MOST NO BORON	77392	2.3000	7.5000	8.0000	0.0400	4.5000	N/A	N/A
	Ammonium Molybdate	77743	N/A	N/A	N/A	54.3000	N/A	N/A	N/A



Jack's FeED®

		Nitrogen Breakdown			A/B	To deliver 100 ppm N	Urea Free	Extra Mg	Low P	Extra Fe	with Ca	Plugs	Hard Water	Root & Bloom	Foliar Feeding	Boosted Micro
		NO ₃	NH ₄	%Fe												
Mum FeED®	22-5-16	12.54	9.46	0.2000	Acidity	6.1 oz/100 gallons	✓	✓	✓	✓		✓			✓	
Petunia FeED Plus Mg	20-3-19	11.96	8.04	0.2000	Acidity	6.8 oz/100 gallons	✓	✓	✓	✓		✓			✓	
Boosted Base FeED	18-2-18	6.55	11.5	0.2529	Acidity	7.5 oz/100 gallons	✓	✓	✓	✓					✓	
Poinsettia FeED Plus Mg	17-5-19	10.79	6.21	0.1275	Acidity	7.9 oz/100 gallons	✓	✓	✓	✓		✓			✓	
Poinsettia FeED Ca-Mg	15-4-15	12.12	2.88	0.1125	Basicity	9.0 oz/100 gallons	✓	✓	✓	✓	✓				✓	
Fall Pansy FeED	17-3-19	11.10	5.90	0.1700	Acidity	7.9 oz/100 gallons	✓	✓	✓	✓		✓			✓	
Spring Pansy FeED	15-2-20	12.64	2.36	0.0750	Basicity	9.0 oz/100 gallons	✓	✓	✓	✓	✓				✓	

Jack's LX™

		Nitrogen Breakdown			A/B	To deliver 100 ppm N	Urea Free	Extra Mg	Low P	Extra Fe	with Ca	Plugs	Hard Water	Root & Bloom	Foliar Feeding	Boosted Micro
		NO ₃	NH ₄	%Ca												
All Purpose	21-5-20	13.08	7.92	0.00	Acidity	6.4 oz/100 gallons	✓		✓			✓				✓
Poinsettia	20-5-19	12.56	7.44	0.00	Acidity	6.8 oz/100 gallons	✓		✓			✓				✓
Pure Water	17-4-17	13.27	3.73	3.00	Neutral	7.9 oz/100 gallons	✓	✓	✓							✓
Hi Alkalinity Water Plug	16-2-15	12.00	4.00	3.00	Acidity	8.4 oz/100 gallons	✓	✓	✓		✓	✓	✓			✓
CA - MG	15-5-15	12.00	3.00	4.00	Basicity	9.0 oz/100 gallons	✓	✓	✓		✓	✓				✓
Dark Weather Plus Mag	15-0-14	12.40	2.60	5.00	Basicity	9.0 oz/100 gallons	✓	✓	✓		✓	✓				✓
Plug	13-2-13	12.22	0.78	6.00	Basicity	10.4 oz/100 gallons	✓	✓	✓		✓	✓				✓

Jack's Professional®

		Nitrogen Breakdown			A/B	To deliver 100 ppm N	Urea Free	Extra Mg	Low P	Extra Fe	with Ca	Plugs	Hard Water	Root & Bloom	Foliar Feeding	Boosted Micro
		NO ₃	NH ₄	%Ca												
High Performance	25-5-15	14.25	10.75	0.00	Acidity	5.4 oz/100 gallons	✓		✓	✓		✓				✓
MagMum	21-8-18	12.40	8.60	0.00	Acidity	6.4 oz/100 gallons	✓	✓		✓		✓				✓
Acid	21-7-7	0.00	11.47	0.00	Acidity	6.4 oz/100 gallons				✓						
GP	20-20-20	6.07	3.83	0.00	Acidity	6.8 oz/100 gallons						✓		✓		
GP	20-10-20	12.00	8.00	0.00	Acidity	6.8 oz/100 gallons	✓					✓				
Peat-Lite	20-10-20	12.00	8.00	0.00	Acidity	6.8 oz/100 gallons	✓			✓		✓				
Peat-Lite	15-16-17	9.25	3.15	0.00	Acidity	9.0 oz/100 gallons										
Geranium	15-15-15	8.40	2.88	0.00	Acidity	9.0 oz/100 gallons										
Dark Weather	15-0-15	12.12	0.58	11.00	Basicity	9.0 oz/100 gallons			✓		✓					
Dark Weather Peat-Lite	15-0-15	13.50	1.50	10.69	Basicity	9.0 oz/100 gallons	✓		✓		✓					
Blossom Booster	10-30-20	5.00	5.00	0.00	Acidity	13.5 oz/100 gallons	✓	✓					✓	✓		
Plant Starter	9-45-15	0.00	9.00	0.00	Acidity	15 oz/ 100 gallons	✓						✓			
Orchid- Well Water	16-4-20	12.20	3.80	3.00	Neutral	8.44 oz/100 gallons	✓	✓	✓	✓	✓					✓
Orchid- R.O. Water	12-3-15	11.60	0.40	7.00	Basicity	11.25 oz/100 gallons	✓	✓	✓	✓	✓					✓
Media Mix Plus III	10-5-10					13.5 oz/100 gallons										
Mix of Soluble Traces (MOST)							✓									
Oasis Hydroponic	16-4-17	12.80	3.60	0.1000	Neutral	8.4 oz/100 gallons	✓	✓	✓	✓	✓					✓

Jack's Nutrients

		Nitrogen Breakdown			A/B	To deliver 100 ppm N	Urea Free	Extra Mg	Low P	Extra Fe	with Ca	Prop	Hard Water	Pure Water	Root & Bloom	Boosted Micro
		NO ₃	NH ₄	%Ca												
Part A	5-12-26	5.00	0.00	0.00	Basicity	26 oz/100 gallons	✓	✓	✓	✓			✓			✓
Part B	Cal Nit	14	1	18	Basicity	9oz/ 100 gallons	✓		✓		✓		✓			✓
RO	12-4-16	11.80	0.20	7.00	Basicity	11.3oz/100 gallons	✓	✓	✓	✓	✓		✓			✓
Tap	15-5-20	12.00	3.00	3.00	Basicity	9oz/100 gallons	✓	✓	✓	✓	✓	✓	✓			✓
Bloom	10-30-20	5.00	5.00	0.00	Acidic	13.5oz/ 100 gallons	✓					✓		✓		✓
Clone	15-6-17	12.00	3.00	4.00	Basicity	9oz/100 gallons	✓	✓	✓	✓	✓	✓	✓	✓		✓
UltraViolet	5-50-18	0.00	5.00	0.00	Acidic	27oz/100 gallons	✓	✓				✓		✓		✓
Finish	7-15-30	4.00	3.00	0.00	Acidic	19oz/100 gallons	✓	✓				✓				
Outdoor	18-8-23	11.50	6.50	0.00	Acidic	7.5oz/100 gallons	✓		✓			✓				
Cal-Trate	15-0-0	13.95	1.05	18.00	Basicity	9.0 oz/100 gallons	✓		✓		✓					✓
K-Trate	14-5-38	10.46	0.00	0.00	Basicity	9.64 oz/100 gallons			✓							✓
Mag-Trate	10-0-0	10.00	0.00	0.00	Basicity	13.50 oz/100 gallons	✓	✓	✓							✓





The world's purest
water-soluble fertilizer

Peters[®]

Only the highest-quality ingredients are used to make Peters water-soluble fertilizer. Clean, clear formulations result in total solubility, reducing labor and product costs by eliminating precipitate build-up, clogged emitters, and repeated applications. Our exclusive M-77 chelating formula provides the vital nutrients, trace elements and efficient uptake needed for outstanding quality and brilliant color. Contact ICL today to learn more about Peters—the clear choice in water-soluble fertilizer.



Water Soluble Fertilizers

Plantex Solutions® 18-9-18 pH Reducer Fertilizer

A high nitrate fertilizer that works to decrease media pH levels while providing enhanced micronutrients. Eliminates or reduces the need for acid when water bicarbonate levels are 100-150 ppm.

- For use on: Pansies, Garden Mums, Bedding Plants
- Acidic: 716 lbs CCE
- No Urea



25lb

PLNTX11076 Min. Buy 1ea
Shipping Info **HAZARDOUS**



Plantex Solutions® 19-2-19 Fertility Plus Fertilizer

A high nitrate fertilizer ideal for heavy feeders. With elevated magnesium, enhanced micronutrients, and a lower phosphorus content, this maximum performance formulation is designed for modern heavy feeding.

- For use on: Pansies, Garden Mums, Bedding Plants
- Acidic: 309 lbs CCE
- No Urea



25lb

PLNTX11078 Min. Buy 1ea
Shipping Info **HAZARDOUS**



Plantex Solutions® 17-5-17 Complete Fertilizer

The convenience of an all-in-one nutritional program, in one tank. This balanced formulation has high nitrate, complete calcium and magnesium along side an enhanced micronutrient package, and little impact on media pH.

- For use on: Garden Mums, Bedding Plants, Pansies, Poinsettias
- Acidic: 105 lbs CCE
- No Urea



25lb Duo Bag

PLNTX10132 Min. Buy 1ea
Shipping Info **HAZARDOUS**



Plantex Solutions® 19-8-13 Complete Plus Fertilizer

A modification of the Complete formulation with more acidic potential. A complete nutritional program in one bag reduces the need to alternate formulations. Includes an enhanced micronutrient package.

- For use on: Poinsettias, Pansies, Garden Mums, Bedding Plants
- Acidic: 300 lbs CCE
- No Urea



25lb Duo Bag

PLNTX11242 Min. Buy 1ea



Plantex® 20-20-20 Classic Fertilizer

Very effective on all types of plants. This balanced formulation may be used whenever a more general feed program is required. Its high percentage of ammoniacal and urea nitrogen provides rapid green up and leaf expansion, while the balanced phosphorous and potassium encourages root and shoot growth.

- Acidic: 570 lbs CCE



25lb

PLNTX10392 Min. Buy 1ea



Plantex® 20-10-20 All Purpose High Nitrate Fertilizer

This all purpose formulation has 60% of its nitrogen in the nitrate form, and a complete micronutrient package including a higher level of molybdenum, as required for soilless mixes. This is an ideal formulation for use in low light conditions.

- Acidic: 437 lbs CCE
- No Urea



25lb

PLNTX10388 Min. Buy 1ea
Shipping Info **HAZARDOUS**



Plantex® 10-52-10 High Phosphate Fertilizer

A fully soluble starter formulation that supplies the necessary high phosphorus levels for young plants to initiate rapid root development. A very safe fertilizer with a low salt index, contains no sulfates or harmful chlorides. Use when transplanting seedlings or bedding plants, or whenever a high phosphorus fertilizer is required.

- Acidic: 900 lbs CCE



25lb

PLNTX10368 Min. Buy 1ea



Plantex® 20-2-20 Acidic High N Low Phosphate Fertilizer

Helps keep the pH low and contributes very little phosphorus. This formulation in combination with Plantex 14-0-14 is ideal for plugs and bedding plants. Because of its high potential acidity it is useful in maintaining an ideal pH balance in plug media. Can also be used for production of blue hydrangeas and Easter lilies when excess phosphorus is not required.

- For use on: Plugs, Bedding Plants, Blue Hydrangeas, Easter Lilies
- Acidic: 535 lbs CCE
- No Urea



25lb

PLNTX10386 Min. Buy 1ea
Shipping Info **HAZARDOUS**



Plantex® 18-6-20 Poinsettia Plus Fertilizer

A great choice for the production of poinsettias for its balance of nutrients. Contains over 60% of its nitrogen in the nitrate form, a high level of magnesium, an increased level of molybdenum, a low boron level and chelated micronutrients.

- For use on: Poinsettias
- Acidic: 304 lbs CCE
- No Urea



25lb

PLNTX11675 Min. Buy 1ea
Shipping Info **HAZARDOUS**



Water Soluble Fertilizers

Plantex[®] 21-7-7 Acid Fertilizer

A potential acidity powerhouse. This formulation is ideal for when irrigation water has a high bicarbonate level and for use with acid loving plants, such as azaleas, rhododendrons, and evergreens. If used in a continuous feeding program, the pH should be monitored to ensure that it does not go below the desired level.

- Acidic: 1580 lbs CCE



25lb
PLNTX10394 Min. Buy 1ea



Plantex[®] 21-5-20 High Nitrate Low P Fertilizer

This general feed formulation is the ideal base for any soilless media fertilizer program. With high nitrate, low phosphorus, elevated magnesium, and enhanced iron.

- Acidic: 440 lbs CCE
- No Urea



25lb
PLNTX11381 Min. Buy 1ea
Shipping Info **HAZARDOUS**



Plantex 14-0-14 Cal Mag Fertilizer

A completely soluble prilled formulation specifically for growing in multiple cells or when a higher level of calcium and magnesium is required. Calcium to magnesium ratio is 2:1.

- Basicity: 326 lbs CCE
- No Urea



25lb
PLNTX10372 Min. Buy 1ea



Plantex[®] 12-2-14 Cal Mag + P Fertilizer

Designed to optimize the growth of seedlings in multiple cells. Contains a complete micronutrient package including high molybdenum. More than 97% of its nitrogen is in the form of nitrate.

- For use on: Bedding Plants, Garden Mums, Plugs, Orchids
- Basicity: 383 lbs CCE
- No Urea



25lb
PLNTX10370 Min. Buy 1ea



Plantex[®] 15-0-15 Cal Plus Fertilizer

A completely soluble prilled formulation with a high calcium level. This calcium nitrate and potassium nitrate mixture includes chelated micronutrients. Very effective under low light conditions, especially during winter months.

- Basicity: 325 lbs CCE



25lb
PLNTX10375 Min. Buy 1ea



Plant-Prod MJ 12-8-26 Grow No Dye

This ideal ratio of nitrogen, phosphorus and potassium promotes optimal growth to ensure a sufficient plant structure to support target yields. The added magnesium ensures no signs of deficiency. Grow contains an enhanced micronutrient package with additional EDDHA iron to ensure efficient uptake at a wide range of pH levels.



25lb, 80/pl
PLNTX12279 Min. Buy 1ea



Plant-Prod MJ 10-30-20 Bloom No Dye

Plant-Prod MJ Bloom 10-30-20 is an essential formulation for optimal bud formation and fill. This high phosphorous, moderate potassium formulation encourages full bud set and improves bud filling. The added magnesium ensures no signs of deficiency. Bloom also contains an enhanced micronutrient package with additional EDDHA iron to ensure efficient uptake at a wide range of pH levels.



25lb, 80/pl
PLNTX12206 Min. Buy 1ea



Plant-Prod MJ 4-31-37 Finisher No Dye

Plant-Prod MJ Finisher 4-31-37 is a finishing formulation with elevated phosphorus and potassium to encourage fullness and density of buds. During these last few weeks of production, this elevated potassium supports plant turgidity and disease resistance, while the phosphorus optimizes photosynthesis. The added nitrogen ensures no signs of deficiency.



25lb, 80/pl
PLNTX12280 Min. Buy 1ea



Plant-Prod MJ 15-0-14 Cal Kick

Plant-Prod MJ Cal Kick is a high calcium formulation that should be used as the main calcium source throughout the production cycle when levels in water source are not adequate. Calcium is vital to plant rigidity and bud formation.



25lb, 80/pl
PLNTX12305 Min. Buy 1ea



Plant-Prod MJ Spike (CaMg)

The absence of nitrogen, phosphorus and potassium allows the use of this formulation at any stage of production. Ideal for supplemental feeding of calcium and magnesium. Use should be limited to 2 times per week.



25lb, 80/pl
PLNTX12310 Min. Buy 1ea



Plant-Prod MJ 15-30-15 Boost

Plant-Prod MJ 15-30-15 Boost has a low salt index and contains no sulphates or harmful chlorides, making it a very safe fertilizer for young transplants to initiate rapid root development. When plants are of a sufficient level of maturity, feeding with 15-30-15 provides a boost of phosphorus to promote vigorous bud setting and sizing.



25lb, 80/pl
PLNTX12278 Min. Buy 1ea





Water Soluble Fertilizers

Plantex[®] and Plantex Solutions[™] EC (mmhos)

Plantex [®]									
Parts Per Million (ppm) Nitrogen	Hydroponic 7-11-27	High P 10-52-10	Cal Mag +P 12-2-14	Cal Mag 14-0-14	Cal Plus 15-0-15	Pansy 17-4-19	Poinsettia Plus 18-6-20	All Purpose High Nitrate 20-10-20	Classic 20-20-20
50	0.75	0.40	0.46	0.41	0.46	0.47	0.44	0.37	0.24
100	1.75	0.81	0.89	0.84	0.84	0.91	0.86	0.73	0.49
150	2.15	1.21	1.24	1.24	1.22	1.35	1.28	1.09	0.74
200	2.84	1.61	1.68	1.61	1.60	1.79	1.69	1.45	0.98
250	3.50	2.00	2.12	2.00	1.98	2.22	2.10	1.80	1.21
300	4.14	2.39	2.72	2.35	2.35	2.64	2.50	2.15	1.45
350	4.77	2.78	2.97	2.72	2.73	3.06	2.89	2.50	1.68
400	5.36	3.16	3.37	3.08	3.11	3.47	3.29	2.84	1.90
450	5.95	3.53	3.78	3.42	3.49	3.88	3.67	3.18	2.12

Total soluble salts is a measure, in the form of electrical conductivity, of the amount of fertilizer in solution. Most nutrients or other elements that are soluble will contribute to the conductivity of the solution. The electrical conductivity (EC) increases as the fertilizer concentration is increased.

Electrical conductivity is measured in mhos. The conductivity of fertilizer solutions is sufficiently small that it is measured in terms of millimhos (mmhos, one one-thousandth of a mho) or micromhos (μ mhos, one one-millionth of a mho). Conductivity meters measure in either mmhos or μ mhos. Since most meters used by our growers are calibrated in mmhos, the data given here on our fertilizers uses the same measurement. Meters that are calibrated to millisiemens (mS) do not require adjustment as mmhos and mS are interchangeable.

By knowing the electrical conductivity (EC) of a fertilizer blend, you can predict the parts per million (ppm) of nutrients your plants are receiving, or that remain in your run off water. The following table can be used to measure the accuracy of fertilizer injector systems by following these steps:

1. Take a conductivity reading of clear irrigation water.
2. Take a conductivity reading of final fertilizer solution.
3. Subtract the conductivity reading value of clear water from the conductivity reading of fertilizer solution.
4. Compare the answer found in 3 to the corresponding value in the table in order to find the concentration of fertilizer.



Plantex®				Plantex Solutions™							
High Nitrate Low P 21-5-20	Acid 21-7-7	Foliage 24-8-16	High Capacity High Nitrate 25-4-15	Cal-Mag Royal 13-2-13	No-Stretch 15-0-20	Complete 17-5-17	pH Buffer 18-6-24	pH Reducer 18-9-18	Fertility Plus 19-2-19	Complete Plus 19-8-13	
0.36	0.40	0.25	0.41	0.63	0.44	0.36	0.38	0.44	0.39	0.28	
0.72	0.78	0.49	0.82	1.19	0.91	0.69	0.76	0.88	0.78	0.56	
1.07	1.15	0.73	1.23	1.74	1.37	1.02	1.14	1.30	1.16	0.85	
1.42	1.52	0.97	1.63	2.30	1.82	1.35	1.51	1.72	1.54	1.12	
1.77	1.89	1.20	2.03	2.85	2.27	1.67	1.88	2.14	1.92	1.40	
2.11	2.25	1.44	2.42	3.41	2.72	2.00	2.26	2.55	2.29	1.67	
2.45	2.61	1.67	2.81	3.97	3.16	2.33	2.62	2.95	2.65	1.94	
2.79	2.96	1.90	3.20	4.52	3.59	2.66	2.99	3.35	3.02	2.21	
3.13	3.31	2.13	3.58	5.08	4.02	2.98	3.35	3.74	3.38	2.47	

Example:

Conductivity of clear irrigation water is 0.60 mmhos / mS.

Conductivity of the final fertilizer solution using 20-10-20 is 2.05 mmhos / mS.

The conductivity due to the fertilizer is 2.05 mmhos / mS - 0.60 mmhos / mS = 1.45 mmhos / mS.

For 20-10-20, a conductivity reading of 1.45 mmhos / mS corresponds to a feeding rate of roughly 200 ppm of Nitrogen (N).

Note: The values on this chart were obtained under laboratory conditions using distilled water and a Plant-Prod® conductivity meter. The values obtained by the grower under field conditions could therefore vary slightly (+/-10%) from the values listed here. EC values are available for reference on product label.

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Water Soluble Fertilizers

Plantex® and Plantex Solutions™ Nutrient Concentrations (ppm)

Plantex®																		
Nutrients (ppm)	Hydroponic 7-11-27		High P 10-52-10		Cal Mag +P 12-2-14		Cal Mag 14-0-14		Cal Plus 15-0-15		Pansy 17-4-19		Poinsettia Plus 18-6-20		All Purpose High Nitrate 20-10-20		Classic 20-20-20	
Total Nitrogen (N)	100	200	100	200	100	200	100	200	100	200	100	200	100	200	100	200	100	200
Nitrate N	36	72	0	0	97	193	91	182	89	179	64	130	64	128	60	120	30	59
Ammoniacal N	3	7	69	138	2	5	9	17	11	21	35	71	36	72	40	80	20	39
Urea N	0	0	28	57	0	0	0	0	0	0	0	0	0	0	0	0	51	102
Available Phosphate (P ₂ O ₅)	62	124	507	1014	17	33	0	0	0	0	23	47	33	67	50	100	100	200
Soluble Phosphorus (P)	27	54	220	441	7	13	0	0	0	0	10	20	14	29	22	43	44	87
Soluble Potash (K ₂ O)	152	304	98	195	116	231	100	200	100	200	111	224	111	222	100	200	100	200
Soluble Potassium (K)	126	252	81	162	96	191	83	165	83	166	91	183	92	184	83	166	83	166
Calcium (Ca)	71	214	0	0	50	99	42	84	73	147	0	0	0	0	0	0	0	0
Magnesium (Mg)	21	43	0	0	25	50	21	41	0	0	19	38	11	22	1	1	0	0
Sulfur (S)	33	65	0	0	0	0	0	0	0	0	23	47	14	28	1	2	0	0
Iron (Fe)	0.563	1.125	0.975	1.950	0.825	1.650	0.713	1.425	0.668	1.335	1.053	2.120	0.555	1.110	0.503	0.998	0.503	0.998
Manganese (Mn)	0.478	0.956	0.488	0.975	0.413	0.825	0.356	0.713	0.334	0.668	0.293	0.589	0.278	0.555	0.251	0.499	0.251	0.499
Zinc (Zn)	0.169	0.338	0.488	0.975	0.413	0.825	0.356	0.713	0.334	0.668	0.293	0.589	0.278	0.555	0.251	0.499	0.251	0.499
Copper (Cu)	0.023	0.046	0.488	0.975	0.413	0.825	0.356	0.713	0.334	0.668	0.293	0.589	0.278	0.555	0.251	0.499	0.251	0.499
Boron (B)	0.154	0.307	0.195	0.390	0.165	0.330	0.143	0.285	0.134	0.267	0.205	0.412	0.056	0.111	0.101	0.200	0.101	0.200
Molybdenum (Mo)	0.051	0.101	0.005	0.010	0.124	0.248	0.107	0.214	0.100	0.200	0.088	0.177	0.333	0.666	0.075	0.150	0.003	0.005
Potential Acidity / Basicity (lb. CaCO ₃ / ton)	B 176		A 900		B 383		B 326		B 325		A 265		A 304		A 437		A 570	
oz. of fertilizer / gal. of water (1:100)	7.5	15																
	5 oz. Calcium Nitrate (GG)	10 oz. Calcium Nitrate (GG)	13	26	11	22	9.5	19	8.9	17.8	7.8	15.7	7.4	14.8	6.7	13.3	6.7	13.3

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Plantex®								Plantex Solutions™													
High Nitrate Low P 21-5-20		Acid 21-7-7		Foliage 24-8-16		High Capacity High Nitrate 25-4-15		Cal-Mag Royal 13-2-13		No-Stretch 15-0-20		Complete 17-5-17		pH Buffer 18-6-24		pH Reducer 18-9-18		Fertility Plus 19-2-19		Complete Plus 19-8-13	
100	200	100	200	100	200	100	200	100	200	100	200	100	200	100	200	100	200	100	200	100	200
61	123	10	20	20	40	57	115	92	185	81	163	71	142	65	131	47	94	64	127	64	127
38	77	62	126	19	37	43	86	8	15	19	37	29	58	34	69	53	105	36	72	36	72
0	0	27	54	62	121	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	48	33	67	34	66	16	32	15	31	0	0	29	59	33	67	50	100	11	21	42	84
10	20	14	29	14	28	7	14	6	12	0	0	12	25	14	29	22	43	4	8	18	36
95	191	33	67	67	132	60	120	100	200	134	267	100	200	133	266	100	200	100	200	68	137
78	158	27	55	55	109	49	100	82	165	111	222	82	166	110	221	83	165	82	165	56	112
0	0	0	0	0	0	0	0	46	92	20	40	18	35	0	0	0	0	0	0	13	26
1	1	0	0	0	1	1	1	23	46	10	20	6	12	0	0	1	2	8	16	5	11
1	2	61	124	15	29	1	2	0	0	0	0	0	0	0	0	31	61	10	20	0	0
0.591	1.191	0.473	0.953	0.420	0.825	0.497	1.003	0.612	1.230	1.669	3.338	0.585	1.178	0.555	1.110	1.388	2.775	1.313	2.625	1.313	2.625
0.236	0.476	0.236	0.476	0.210	0.413	0.199	0.401	0.459	0.923	0.501	1.001	0.293	0.589	0.278	0.555	0.416	0.833	0.394	0.788	0.394	0.788
0.236	0.476	0.236	0.476	0.210	0.413	0.199	0.401	0.153	0.308	0.501	1.001	0.293	0.589	0.278	0.555	0.416	0.833	0.394	0.788	0.394	0.788
0.236	0.476	0.236	0.476	0.210	0.413	0.199	0.401	0.077	0.154	0.334	0.668	0.293	0.589	0.278	0.555	0.278	0.555	0.263	0.525	0.263	0.525
0.095	0.191	0.095	0.191	0.084	0.165	0.080	0.161	0.092	0.185	0.134	0.267	0.117	0.236	0.111	0.222	0.111	0.222	0.105	0.210	0.105	0.210
0.071	0.143	0.002	0.005	0.002	0.004	0.060	0.120	0.008	0.017	0.100	0.200	0.088	0.177	0.083	0.167	0.083	0.167	0.079	0.158	0.079	0.158
A	A	A	A	A	A	A	A	B	B	A	A	A	A	A	A	A	A	A	A	A	A
440	1580	848	643	324	154	105	296	716	309	300											
6.3	12.7	6.3	12.7	5.6	11	5.3	10.7	10.2	20.5	8.9	17.8	7.8	15.7	7.4	14.8	7.4	14.8	7	14	7	14

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Peters Excel®

Water Soluble Fertilizers

Peter's Excel Water Soluble Fertilizer

Featuring unique formulations providing the ability to deliver complete plant nutrition using only a single-concentrate stock tank, taking into account the quality of water irrigation. This will decrease labor and overall costs. All Peters Excel products are completely water soluble, keeping your emitters clean.

ICL Specialty Fertilizers Peters® Excel 13-2-13 Plug & Bedding Plant Special Fertilizer

Ideal for plugs, liners, bedding plants and vegetable transplants with high nitrate and low phosphate levels to encourage healthy, compact growth. This all-purpose formulation provides constant, balanced nutrition. Contains calcium, magnesium and other minor elements.

- Basicity: 335 lbs CCE



25lb

EVR99120

Min. Buy 1ea



ICL Specialty Fertilizers Peters® Excel 15-5-15 Cal-Mag Special Fertilizer with Black Iron

Water soluble fertilizer with an excellent all-purpose formulation that combines high nitrate and low phosphate with extra calcium and magnesium. This all-purpose formulation provides constant, balanced nutrition. Contains a complete range of essential micronutrients. M-77 Black Iron chelating formula for fast, efficient nutrient uptake.

- For use on: A broad range of plants, especially effective when irrigation water is alkaline
- Basicity: 131 lbs CCE



25lb

EVR99140

Min. Buy 1ea

Shipping Info **HAZARDOUS**



ICL Specialty Fertilizers Peters® Excel 15-2-20 Pansy, Salvia & Vinca Fertilizer

Ideal for compact growth and bright blossoms on pansy, salvia, vinca, etc. with high nitrate, low phosphate and extra boron. This all-purpose formulation provides constant, balanced nutrition. Contains calcium, magnesium and other minor elements.

- Basicity: 234 lbs CCE



25lb

EVR99130

Min. Buy 1ea

Shipping Info **HAZARDOUS**



ICL Specialty Fertilizers Peters® Excel 21-5-20 Multi-Purpose Fertilizer

A moderately acidic formulation that serves as an excellent all-purpose fertilizer for Types 2, 3 and 4 irrigation water. Contains a complete range of essential micronutrients.

- For use on: demanding plants like petunia.
- Acidic: 377 lbs CCE



25lb

EVR99150

Min. Buy 1ea

Shipping Info **HAZARDOUS**



ICL Specialty Fertilizers Peters® Excel pHLow™ 19-11-21 Multi-Purpose Fertilizer with Black Iron

Provides your plants with the nutrition they need to thrive while easily and conveniently managing alkalinity of your irrigation water. pHLow products are different from the other Peters Excel products. Contains Pekacid® and combats alkalinity in a different manner. M-77 Black Iron chelating formula for fast, efficient nutrient uptake.

- Acidic: 290 lbs CCE
- No Urea



25lb

EVR99001

Min. Buy 1ea

Shipping Info **HAZARDOUS**



ICL Specialty Fertilizers Peters® Excel pHLow™ 21-7-7 Acid Hammer

Feeds acid loving plants and reduces growing Media pH levels

- Acidic: 1218 lbs CCE
- No Urea



25lb

ICL99002

Min. Buy 1ea



Water Soluble Fertilizers

ICL Specialty Fertilizers (ICL-SF) Peters® Professional 21-7-7 Acid Special Fertilizer

Specifically formulated for acid-loving plants. Provides a rapid correction of high pH conditions; ideal for acid-loving plants in the nursery and landscape. Promotes lush vegetation and better blooms. A favorite for azaleas and rhododendrons!

- Acidic: 1518 lbs CCE
- Urea: 50.5



251b

EVR99330 Min. Buy 1ea



Peter's Professional Water Soluble Fertilizer

Peters Professional fertilizers are the world's leading 100% water-soluble fertilizers. The exclusive M-77 chelating formula of Peters Professional assures that nutrients and trace elements remain readily available for fast and easy uptake. M-77 "unlocks" the rooting area, allowing an effective increase in the absorption of nutrients.

ICL Specialty Fertilizers (ICL-SF) Peters® Professional 10-30-20 "Bloom Booster" Fertilizer

A specially developed water soluble fertilizer designed exclusively for flowering plants. It particularly stimulates the development of flowering buds.

- Acidic: 365 lbs CCE
- No Urea



251b

EVR99350 Min. Buy 1ea



ICL Specialty Fertilizers (ICL-SF) Peters® Professional 15-0-15 Peat-Lite® Dark Weather Fertilizer

Classic high-nitrate formula for bulbs or any crop that needs extra calcium and magnesium, lower phosphate and slightly higher growing media pH. Ideal for Water Types 1 and 2. Provides a full range of micronutrients.

- Basicity: 221 lbs CCE
- No Urea



251b

EVR99260 Min. Buy 1ea



ICL Specialty Fertilizers (ICL-SF) Peters® Professional 15-3-25 Flowering Crop Special plus Black Iron

A water-soluble fertilizer with a formulation of three chelated Irons, including black Iron. This new M-77® chelated system is specifically designed for petunias and other high Iron demanding plants. Black Iron is the strongest iron chelate used for growing ornamentals, making iron available to plants over the widest range of pH.

- For use on: Bedding plants and hanging baskets
- Acidic: 34 lbs CCE
- No Urea



251b

EVR99321 Min. Buy 1ea



ICL Specialty Fertilizers (ICL-SF) Peters® Professional 18-8-17 Peat-Lite® High Mag Special Fertilizer

Highly effective stand-alone fertilizer with extra magnesium to maintain deep green foliage. Formulation for constant, balanced nutrition. Excellent stand-alone for Water Types 3 and 4; use as a base in Water Types 1 and 2. Contains a complete range of essential micronutrients.

- Acidic: 381 lbs CCE
- No Urea



251b

EVR99240 Min. Buy 1ea

Shipping Info **HAZARDOUS**



ICL Specialty Fertilizers (ICL-SF) Peters® Professional 15-16-17 Peat-Lite® Special Fertilizer

A professional grade, water-soluble fertilizer used for soilless mixes with low or no trace element additions. Reduced ammonium toxicity potential. A non-acidifying high nitrate source (53%) formula. Sufficient molybdenum for poinsettias. Use as a general purpose feed for bedding plants, pot plants and nursery stock in soilless mixes with little or no trace element additions. Especially good for soilless mixes containing bark.

- For use on: Geraniums and Poinsettias
- Acidic: 202 lbs CCE
- Urea: 26.7



251b

EVR99210 Min. Buy 1ea



ICL Specialty Fertilizers (ICL-SF) Peters® Professional 15-5-25 Peat-Lite® Flowering Crop Special Fertilizer

Proven high-nitrate, low-phosphate formula for poinsettias and many other flowering crops that are sensitive to boron. Effective for all Water Types. Contains extra magnesium plus a full range of essential micronutrients.

- For use on: Bedding plants and general use.
- Acidic: 48 lbs CCE
- No Urea



251b

EVR99220 Min. Buy 1ea

Shipping Info **HAZARDOUS**





Water Soluble Fertilizers

ICL Specialty Fertilizers (ICL-SF) Peters® Professional 20-10-20 General Purpose Fertilizer

Crops that are sensitive to excess micronutrients thrive with this classic formula with its acidifying action that corrects an overload of growing media pH. Effective for all Water Types. Contains a full range of essential micronutrients.

- For use on: All Plants
- Acidic: 404 lbs CCE
- No Urea



25lb

EVR99300 Min. Buy 1ea
Shipping Info **HAZARDOUS**



ICL Specialty Fertilizers (ICL-SF) Peters® Professional 20-3-19 Petunia Special with Black Iron

A water-soluble fertilizer with a formulation of three chelated Irons, including black Iron. This new M-77® chelated system is specifically designed for petunias and other high Iron demanding plants. Black Iron is the strongest iron chelate used for growing ornamentals, making iron available to plants over the widest range of pH.

- For use on: Petunia's
- Acidic: 378 lbs CCE
- No Urea



25lb

EVR99091 Min. Buy 1ea
Shipping Info **HAZARDOUS**



ICL Specialty Fertilizers (ICL-SF) Peters® Professional 20-20-20 General Purpose Fertilizer

All purpose water soluble fertilizer. It is a balanced blend of Nitrogen, Phosphorus and Potassium with fully chelated trace elements that works on all plant materials as a general-purpose fertilizer. Indoors it is especially effective on foliage plants to keep leaves green and happy.

- For use on: All Plants
- Acidic: 576 lbs CCE
- Urea: 52.0



25lb

EVR99290 Min. Buy 1ea



ICL Specialty Fertilizers (ICL-SF) Peters® Professional 5-11-26 Hydroponic Special Fertilizer

Designed exclusively for hydroponic culture, this classic formula is ideal for most hydroponic crops, especially tomatoes, cucumbers and lettuce. Effective for all Water Types. Buffered to help maintain acceptable working solution pH.

- Basicity: 215 lbs CCE
- No Urea



25lb

EVR99310 Min. Buy 1ea



ICL Peters 22-5-16 Mum Special Black Iron

An effective formulation of three chelated irons specifically designed for mums and other high iron demanding plants. Black iron is the most effective iron chelate used for growing ornamentals, effective over the widest range of media pH levels. Specifically formulated for mums and other high iron demanding plants. Effective for all water types. High nitrate / low phosphate levels encourage dense compact growth. Elevated levels of magnesium balance the calcium / magnesium ratio in hard water environments. Contains a full range of essential micronutrients. Can be used alone or rotated with a customizing component.



25lb

EVR99334 Min. Buy 80ea



ICL Specialty Fertilizers (ICL-SF) Peters® Professional 17-3-17 Peat-Lite® Neutral Cal-Mag Fertilizer

Premium all-purpose formulation produces a nearly neutral reaction to help maintain steady pH in growing media. An all-purpose formulation for constant, balanced nutrition. Ideal for Water Types 1 and 2. Contains calcium, magnesium and other minor elements.

- For Use on: A wide variety of plants, because it is neutral formulation many use this in low alkalinity water
- Basicity: 27 lbs CCE
- No Urea



25lb

EVR99230 Min. Buy 1ea



ICL Specialty Fertilizers (ICL-SF) Peters® Professional 20-10-20 Peat-Lite® Fertilizer

Designed to be mixed with water for the most accurate and effective nutrient delivery to the plant. Contains an increased level of micronutrients to provide the necessary elements absent from most commercially made peat-lite potting media.

- For use on: All Plants
- Acidic: 415 lbs CCE
- No Urea



25lb

EVR99250 Min. Buy 1ea
Shipping Info **HAZARDOUS**



ICL Specialty Fertilizers (ICL-SF) Peters® Professional 25-5-15 High Performance Fertilizer

high efficiency formula designed to maximize your NPK delivery while keeping a balance of macro secondary and micronutrients for optimum plant growth. Best as a continuous feed for heavy feeding plants in moderate to warm temperatures. Micronutrient levels are comparable to Peat-Lite formulas. Can be used as a nutrient booster for great green-up for almost all varieties.

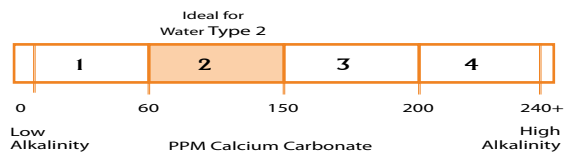
- Acidic: 593 lbs CCE
- No Urea



25lb

EVR99087 Min. Buy 1ea
Shipping Info **HAZARDOUS**





Water Soluble Fertilizers

Peters® makes choosing the right fertilizer as easy as A-B-C

For more than 60 years, the original Peters® water soluble fertilizer has been the right choice. Now they are also the easiest, with the revolutionary pending Peters® A-B-C Selection System. This new system quickly identifies the best formulations for your crops, making it easy to select the right product for efficient and effective plant nutrition.

Easy: Water quality is the heart of this system of fertilizer selection. Once you know if your water Type is 1,2,3 or 4 you can quickly identify the best Peters® formulations for the plants you are growing.

Efficient: Formulas have been refined to provide the most effective mix of N-P-K ratios for the broadest range of crop nutrition. Plus the M-77® minor element package improves performance by promoting a favorable root zone and making micronutrients more consistently available to plants.

Flexible: All Peters® products are categorized into A, B or C formulations.

ICL Water Soluble Fertilizer Summary Chart

Brand	Product Name	New Stock #	Icon	Ideally Suited for Water Type(s)	Potential Acidity (A) / Basicity (B) (CCE/ton)	Maximum Solubility (lb/gal)	EC per 100 ppm N (mS/cm)	Qz/100 gal to obtain 100 ppm N	1 level tsp/gal = approx. ppm N	Elemental ppm contained in a 100 ppm N solution													
										NH ₃ -N	Urea-N	NO ₃ -N	P	K	Ca	Mg	S	B	Cu	Fe	Mn	Mo	Zn
Peters Excel® High Flow	19-11-21 Multi-Purpose with black iron	G99008	B	2 to 4*	378 A	4.30	0.80	7.1	283	36.8	0.0	63.2	25.2	92.1	0.0	0.8	1.1	0.105	0.105	0.500	0.237	0.050	0.237
	18-18-18 Multi-Purpose with black iron	G99010	B	2 to 4*	505 A	4.30	0.65	7.5	276	41.7	0.0	58.3	43.5	83.3	0.0	0.0	0.0	0.122	0.122	0.500	0.250	0.050	0.250
	15-7-25 High Mag/High K with black iron	G99009	A	2 to 4*	87 A	3.30	0.99	9.0	235	27.3	0.0	72.7	20.3	138.9	0.0	16.7	22.0	0.117	0.117	0.467	0.233	0.047	0.233
	21-7-7 Acid Hammer	G99002	C	3 to 4*	1218 A	3.50	0.85	6.4	276	66.7	0.0	33.3	14.5	27.8	0.0	1.9	48.1	0.128	0.128	0.767	0.243	0.050	0.262
Peters Excel®	21-5-20 Multi Purpose	G99150	B	2 to 4	390 A	4.00	0.63	6.4	320	34.8	5.2	60.0	10.4	79.4	0.0	0.0	0.0	0.125	0.125	0.500	0.250	0.0500	0.250
	21-5-20 Multi Purpose No Boron	G99152	B	2 to 4	377 A	4.00	0.63	6.4	320	34.3	5.2	60.5	10.4	79.4	0.0	0.0	0.0	0.000	0.125	0.500	0.250	0.0500	0.250
	15-5-15 Cal-Mag Special with black iron	G99145	A	2	133 B	3.00	0.56	9.0	194	9.3	13.3	77.4	14.5	83.3	33.3	13.3	0.0	0.125	0.125	0.500	0.250	0.0500	0.250
	15-2-20 Pansy, Salvia & Vinca	G99130	A	1 to 2	234 B	3.50	0.83	9.0	169	10.7	5.3	84.0	5.8	111.1	25.0	13.3	0.0	0.200	0.125	0.667	0.333	0.0500	0.250
Peters Professional	13-2-13 Plug & Bedding Plant Special	G99120	A	1 to 2	335 B	5.00	0.75	10.4	168	0.0	6.9	93.1	6.7	83.3	46.2	23.1	0.0	0.125	0.125	0.500	0.250	0.0500	0.250
	10-0-0 Mag-Nitrate Special	G99160	C	1 to 4	357 B	5.00	0.70	13.5	35	0.0	0.0	100.0	0.0	0.0	90.0	0.0	0.0	0.125	0.125	0.500	0.250	0.0500	0.250
	25-5-15 High Efficiency	G99087	B	1 to 4	593 A	5.50	0.57	5.3	355	43.2	0.0	56.8	8.7	50.0	0.0	0.0	0.0	0.156	0.140	0.600	0.300	0.060	0.300
	24-8-16 Foliage Special	G99720	B	1 to 4	726 A	3.00	0.45	5.6	285	29.6	34.2	36.3	14.5	55.6	0.0	1.5	8.3	0.063	0.063	0.250	0.125	0.0250	0.125
Peters Professional	22-5-16 Mum Special with black iron	G99334	B	1 to 4	502 A	4.50	0.57	6.1	319	41.4	0.0	58.6	9.9	60.6	0.0	4.6	5.9	0.091	0.055	0.915	0.23	0.046	0.228
	21-7-7 Acid Special	G99330	C	3 to 4	1518 A	4.00	0.52	6.4	245	49.5	50.5	0.0	14.5	27.8	0.0	2.9	61.9	0.125	0.125	0.714	0.238	0.0476	0.238
	20-20-20 GP	G99292	B	2 to 4	576 A	3.50	0.41	6.8	238	20.5	52.0	27.5	43.5	83.3	0.0	0.3	0.0	0.063	0.063	0.250	0.125	0.0250	0.125
	20-20-20 GP No Dye	G99291	B	2 to 4	576 A	3.50	0.41	6.8	238	20.5	52.0	27.5	43.5	83.3	0.0	0.3	0.0	0.063	0.063	0.250	0.125	0.0250	0.125
	20-10-20 GP	G99300	B	1 to 4	404 A	3.50	0.62	6.8	305	40.0	0.0	60.0	21.7	83.3	0.0	0.8	0.0	0.063	0.063	0.250	0.125	0.0250	0.125
	20-3-19 Petunia Special with black iron	G99090	B	1 to 4	379 A	4.00	0.77	6.8	305	39.0	0.0	61.0	6.5	79.2	0.0	8.0	14.0	0.13	0.12	1.000	0.250	0.0550	0.260
	13-2-13 Plug & Bedding Plant Special, No Minors, No Dye	G99340	B	1 to 2	356 B	3.00	0.74	10.4	160	3.1	0.0	96.9	6.7	83.3	46.2	23.1	0.0	0.000	0.000	0.000	0.000	0.000	0.000
	14-0-8 Hydroponic Boost	G99395	C	1 to 4	418 B	5.50	0.95	9.6	.	5	0.0	95	0.0	47.6	97.1	6.4	0.0	0.000	0.000	0.000	0.000	0.000	0.000
	5-11-26 Hydroponic Special	G99310	B	1 to 4	215 B	3.00	1.45	27.0	.	0.0	0.0	100.0	95.7	433.3	0.0	120.0	160.0	1.000	0.300	6.000	1.000	0.2000	0.300
	Peters Professional Peat-Lite	20-10-20 Peat-Lite Special	G99250	B	1 to 4	415 A	3.00	0.59	6.8	284	40.5	0.0	59.5	21.7	83.3	0.0	0.8	0.0	0.125	0.125	0.500	0.250	0.0500
20-10-20 Peat-Lite Special No Boron		G99252	B	1 to 4	402 A	3.00	0.57	6.8	284	40.0	0.0	60.0	21.7	83.3	0.0	0.8	0.0	0.000	0.125	0.500	0.250	0.0500	0.250
20-2-20 Peat-Lite Low Phosphorus Special		G99270	B	1 to 4	290 A	3.00	0.60	6.8	305	36.0	0.0	64.0	4.3	83.3	0.0	5.5	0.0	0.125	0.125	0.500	0.250	0.0500	0.250
18-8-17 Peat-Lite High Mag Special		G99240	B	1 to 4	381 A	3.00	0.65	7.5	267	40.6	0.0	59.4	19.3	78.7	0.0	13.9	5.6	0.125	0.125	0.500	0.250	0.0500	0.250
17-3-17 Peat-Lite Neutral Cal-Mag		G99230	A	1 to 2	27 B	5.00	0.65	7.9	216	23.5	0.0	76.5	7.7	83.3	23.5	7.4	0.0	0.125	0.125	0.500	0.250	0.0500	0.250
15-16-17 Peat-Lite Special		G99210	B	2 to 4	202 A	4.25	0.62	9.0	197	20.7	26.7	52.7	46.4	94.4	0.0	0.7	0.0	0.125	0.125	0.500	0.250	0.0500	0.250
15-5-25 Peat-Lite Flowering Crop Special		G99220	B	1 to 4	48 A	2.50	0.77	9.0	225	28.7	0.0	71.3	14.5	138.9	0.0	16.7	6.7	0.045	0.125	0.500	0.250	0.0500	0.250
15-3-25 Peat-Lite Flowering Crop Special with black iron		G99321	B	1 to 4	33 A	3.00	0.98	9.0	232	27.3	0.0	72.7	8.7	138.9	0.0	22.7	29.3	0.127	0.127	1.000	0.250	0.0480	0.260
15-0-15 Peat-Lite Dark Weather Feed	G99260	C	1 to 2	221 B	5.00	0.71	9.0	188	13.3	0.0	86.7	0.0	83.3	33.3	13.3	0.0	0.125	0.125	0.500	0.250	0.0500	0.250	
Peters Specialty	10-30-20 Peat-Lite Plant Starter	G99350	B	2 to 4	365 A	3.25	0.86	13.5	129	50.0	0.0	50.0	130.4	166.7	0.0	13.0	0.0	0.125	0.125	0.500	0.250	0.0500	0.250
	30-10-10 Hi Nitrogen Foliar Feed	G99710	.	.	1043 A	4.25	0.18	4.5	300	7.0	82.7	10.3	14.5	27.8	0.0	0.0	0.0	0.067	0.167	0.333	0.167	0.017	0.167
	20-20-20 Ag & Landscape Special	G99700	.	.	572 A	570 A	3.50	0.51	6.8	24.0	49.0	27.0	43.5	83.3	0.0	0.0	0.0	0.100	0.250	0.500	0.250	0.0025	0.250

Peters® A-B-C Selection System

Since water quality is the single most important factor in determining solubility and nutrient availability for plants, water quality is the heart of Peters® A-B-C Selection System. Once you know your water, you can automatically narrow your options to the water soluble fertilizers that perform best in your operation.

To make the system easy to use, all Peters® products now carry a water type designation, so growers can quickly identify which formulations to use with various irrigation water sources. Plus, the entire Peters Excel® and Peters Professional® product lines have been restructured into clearly defined application categories.



Some formulations are labeled "A" for All Purpose. Each is a one-bag solution that eliminates labor and storage issues. When correctly matched to your water type, "A" formulations ensure perfectly balanced and constant nutrient uptake.

One "A" formulation can take the place of several crop-specific fertilizers, because each has been tested and proven to work over a broad range of plant types. Plus, Peters Excel® can still be tank mixed with other Peters Excel® formulas for a single-tank solution.

Growers can also opt for the added flexibility of using "B" Base formulations with one or more "C" Customizing components.

Base formulations include Peters® products that can be rotated and sometimes tank-mixed with one of the customizing components to meet specific nutrition or water quality needs, or used alone. Each Customizing Component provides a unique, prescriptive boost of specified nutrients for healthy results.



Water Soluble Fertilizers

Sustane® Hi-N® WDF Fertilizer 12-0-1

A high analysis, water dispersible, nitrogen fertilizer. Specifically formulated to promote rapid and durable greening and plant growth. Efficiently delivers a unique blend of soluble organic nitrogen sources to support plant growth. It can be used on diverse plants produced in a wide variety of growing systems.

- For use on: Hydroponics and greenhouse fertigation programs
- Microsized to provide complete and balanced plant soil builders.



1lb
SNF70552001 Min. Buy 12ea

3lb
SNF70552003 Min. Buy 12ea



Sustane® Flourish WDF Fertilizer 8-2-4

Sustane Flourish 8-2-4 WDF is an all-in-one input designed for manual fertigation. Sustane Flourish WDF provides powdered organic nutrients and biostimulants and is well suited for the production of diverse plants, indoors and outdoors.

- For use on: Manual fertigation, amended soils and potting mixes
- Microsized to provide complete and balanced plant soil builders.



1lb
SNF70502001 Min. Buy 12ea

3lb
SNF70502003 Min. Buy 12ea



**SUSTANE® WDF FERTILIZERS
ALSO AVAILABLE IN A 20LB PAIL**

call for details

A LINE-UP OF ORGANIC AND NATURAL GRANULAR FERTILIZERS LIKE NO OTHER BRAND.



Sustane is committed to producing the highest quality organic and natural-based fertilizers built upon Sustane's nutrient-rich, microbially diverse aerobic compost. Sustane products support sustainable environments and productive plant materials through healthy soils. Find out why Sustane is the one family of organic crop inputs available throughout North America and to growers in over 60 countries worldwide.



Sustane® - Known world-wide as... simply the best... fertilizers and soil builders.

Visit www.sustane.com today for more information or call +1 (507) 263 3003 or 1 (800) 352 9245.

Controlled Release

Osmocote® Plus 15-9-12 Fertilizer

A complete fertilizer that will continue to feed the plants after they are sold and will improve the customer's overall success. Works great on hanging baskets and potted plants grown in greenhouse production, as well as container grown nursery plants and in landscape containers and beds. Adding a controlled release fertilizer to baskets that contain plants that have a higher demand for nutrients allows you to have a base of nutrients and supplement with a water soluble program.

- For use on: Greenhouse, nursery and foliage production, container gardens, interiorscapes and landscapes
- Resin-coated N-P-K
- Micronutrients



3-4 Month Standard Release Fertilizer



50lb

EVRE903206 Min. Buy 1ea



5-6 Month Standard Release Fertilizer



50lb

EVRE903226 Min. Buy 1ea



8-9 Month Standard Release Fertilizer



50lb

EVRE903246 Min. Buy 1ea



Osmocote Plus

Designed for general nursery and greenhouse production, high value crops, and dibbling equipment. Osmocote Plus can be incorporated or surface applied. Get the best return on your fertilizer investment, safely and consistently, by matching the nutrient release patterns with plant needs for optimal quality.

Hi-Start

Standard

Lo-Start

Patterned Release Formulations;

- Hi-Start - Commonly used on perennials and other fast growing plants as nutrients release at a high rate earlier in the growth cycle.
- Standard Release - Releases at an even release rate over the determined release period.
- Lo-Start - Releases small amounts of nutrients early in the growth cycle and more toward the end of the stated release period

8-9 Month Hi-Start Fertilizer



50lb

EVRE90583 Min. Buy 1ea



8-9 Month Lo-Start Fertilizer



50lb

EVRE903266 Min. Buy 1ea



ICL Specialty Fertilizers Osmocote® Plus 15-8-11 Tablets Plus Minors

Provides all the nutrition plants need in a single application, including two sources of iron, making it ideal for high value color. Cores are glued together with water-soluble glue for convenient, ready to use, easy application to containers or beds. Can also be used in conjunction with water soluble programs or as an all in one growing solution

- Coated Micronutrients



7.5g Tablets / 1000ct

EVRE90336 Min. Buy 1ea





Controlled Release

ICL Specialty Fertilizers Osmocote® Classic 18-6-12 8-9mo. Fertilizer

For use in nursery, foliage and greenhouse production, container gardens, interiorscapes and landscapes. Homogeneous Osmocote® N-P-K delivers nutrition consistently within specified longevities. For optimum results, incorporate in combination with Micromax® Micronutrients.



50lb
EVRE90555 Min. Buy 1ea



ICL Specialty Fertilizers (ICL-SF) Osmocote® Classic 14-14-14 3-4mo. Fertilizer

General purpose formulation for a wide variety of plant types especially those needing a boost of phosphorus. Excellent as a base feed for heavy feeding greenhouse crops in combination with Peters water-soluble. Ideal for topdressing established hanging baskets, perennials and foliage plants. Safe and easy long-term feeding of interior foliage plants. Great for combination planters, container gardens and landscape beds requiring N-P-K. For optimum results, incorporate in combination with Micromax® Micronutrients.

- For use on: Nursery, foliage, greenhouse production, container gardens, interiorscapes and landscapes
- Homogeneous Osmocote resin coated N-P-K



50lb
EVRE90550 Min. Buy 1ea



Osmocote® Blend Fertilizers by ICL Specialty Fertilizers®

This selection of products include blends of various fertilizer technologies designed to meet specific growing needs. Some are designed to be used in greenhouse production, some in nurseries, a couple that stick to the surface of the pot and stay put if the fall over and some are quick responding topdress products. All our blends are high quality performers.

Controlled Release

- Blended product – may contain coated, uncoated and/or slow release components
- Now available: blends with 100% coated, homogeneous N-P-K prills – no Urea
- Added micronutrients
- Specified longevity of N-P-K
- Designed for general nursery production and outdoor applications. Can be incorporated or surface applied.
- Osmocote controlled release fertilizer delivers dependable, safe performance for a good cost-in-use value.



ICL Specialty Fertilizers Osmocote® Blend 18-5-12 Fertilizer Enhanced with QuickStart® Nutrients

Works great in container grown nursery plants and is commonly used in landscape containers and flower beds. The quickstart portion of the blend helps the plants in newly planted flower beds and containers establish and fill in quickly. The 100% resin-coated nutrient cores take in moisture and slowly feed the plants for up to 6 months.

- For use on: Nurseries, landscape containers and flower beds
- Resin-coated N-P-K
- STEP Hi-Mag micronutrients



5-6 Month Release Fertilizer

50lb
EVRE98620 Min. Buy 1ea



8-9 Month Release Fertilizer

50lb
EVRE98605 Min. Buy 1ea



ICL Specialty Fertilizers Osmocote® Blend 23-4-8 Fertilizer Enhanced with E-Max Technology™ & QuickStart®

The addition of the E-Max Coated urea allows for an enhanced release of Nitrogen earlier in the growth cycle that will support the quick-growing plants and get them up to size sooner. The resin-coated N-P-K backbone takes over and gently feeds the plants until they finish growing. It contains urea, not recommend its use in covered greenhouse production. The STEP® Hi-Mag is uncoated in this blend, so it is important that it is not in direct contact with young, sensitive plants.



5-6 Month Fertilizer

50lb
EVRE90249 Min. Buy 1ea



8-9 Month Fertilizer

50lb
EVRE90250 Min. Buy 1ea



Controlled Release

ICL Specialty Fertilizers Blend Topdress Special 22-5-6 4-5mo Fertilizer Enhanced with QuickStart® Micronutrients

Is a great topdress in cooler weather. The response after application to this product is not immediate, but it is able to hold color and boost the plant earlier in the season compared with coated fertilizers. The Poly-S® extends the Nitrogen release out to 4 to 5 months. The most common applications of this topdress are on conifers, perennials and grasses.

- For use on: Nursery stock, foliage and in landscape
- IBDU
- Phosphorous
- STEP Hi-Mag micronutrients



50lb

EVRE90174 Min. Buy 1ea



Osmocote® Blend Fertilizers by ICL Specialty Fertilizers®

This selection of products include blends of various fertilizer technologies designed to meet specific growing needs. Some are designed to be used in greenhouse production, some in nurseries, a couple that stick to the surface of the pot and stay put if they fall over and some are quick responding topdress products. All our blends are high quality performers.

Controlled Release

- Blended product – may contain coated, uncoated and/or slow release components
- Now available: blends with 100% coated, homogeneous N-P-K prills – no Urea
- Added micronutrients
- Specified longevity of N-P-K
- Designed for general nursery production and outdoor applications. Can be incorporated or surface applied.
- Osmocote Pro controlled release fertilizer delivers dependable, safe performance for a good cost-in-use value.



ICL Specialty Fertilizers Osmocote® Blend 17-5-11 Fertilizer

Generally blended into the growing media, but it can be topdressed in the pot, subdressed or dibbled. It is recommended that the pot is thoroughly watered before or directly after planting to release the minor nutrients from the Micromax granules and disperse it into the media. This product is widely used as a single source of nutrients in both greenhouses and nursery container grown plants. Its balanced offering of nutrients makes it a great choice for growers that are looking for a more economical option to our top of the line product.

- For use on: Greenhouse, nursery and landscape
- Resin-coated N-P-K
- Micromax
- No urea



3-4 Month Release Fertilizer

50lb

EVRE90179 Min. Buy 1ea



5-6 Month Release Fertilizer

50lb

EVRE90180 Min. Buy 1ea



8-9 Month Release Fertilizer

50lb

EVRE90181 Min. Buy 1ea



ICL Specialty Fertilizers Osmocote® Blend 18-5-8 Fertilizer Enhanced with E-Max Technology™

Latest blended formulation which combines our Osmocote 100% resin coat prills with our newest E-max polymer coated technologies. Micronutrients are derived from multiple sources to provide a starter charge and two different controlled release coated forms for sustained delivery throughout the predefined product release period. Great when growing with high alkalinity irrigation water, high growing media pH.

- For use on: Greenhouse, Nurseries, and Landscape
- Resin-coated N-P-K
- Micromax
- 18% Nitrogen
- High Sulfur



3-4 Month Release Fertilizer

50lb

ICL90175 Min. Buy 1ea



5-6 Month Release Fertilizer

50lb

ICL90176 Min. Buy 1ea



8-9 Month Release Fertilizer

50lb

ICL90177 Min. Buy 1ea





Controlled Release

ICL Specialty Fertilizers (ICL-SF) Osmocote® Blend 19-6-9 5-6mo. Fertilizer with Fusion Technology™

Is intended to be topdressed in arc-shaped piles on the surface of the media away from the plant's stem. Putting it on in a thicker pile, helps the Fusion Technology® bind the fertilizer to the surface. The intended use is on trees that have been grown in the pot for a while, so the media is filled with roots and is stable. The fertilizer portion is formulated to give the plant a quick boost after application to get the plant growing in the second season of growth. The resin-coated portion will then kick in and feed for 5-6 months.

- For use on: Nurseries
- Resin-coated N-P-K
- STEP Hi-Mag micronutrients



50lb

EVRE99400

Min. Buy 1ea



Osmocote® Blend Fertilizers by ICL Specialty Fertilizers®

This selection of products include blends of various fertilizer technologies designed to meet specific growing needs. Some are designed to be used in greenhouse production, some in nurseries, a couple that stick to the surface of the pot and stay put if they fall over and some are quick responding topdress products. All our blends are high quality performers.

Controlled Release

- Blended product – may contain coated, uncoated and/or slow release components
- Now available: blends with 100% coated, homogeneous N-P-K prills – no Urea
- Added micronutrients
- Specified longevity of N-P-K
- Designed for general nursery production and outdoor applications. Can be incorporated or surface applied.
- Osmocote Pro controlled release fertilizer delivers dependable, safe performance for a good cost-in-use value.



ICL Specialty Fertilizers (ICL-SF) Osmocote® Blend 22-3-8 5-6mo. Fertilizer Enhanced with QuickStart® Nutrients

A popular general purpose product as an inexpensive base fertilizer mixed into the media or topdressed onto nursery containers. Fast-growing perennials, grasses and foliage plants respond very well to this formulation. It also make a versatile topdress for overwintered plants once they have been uncovered or lined out in the nursery. Another popular use is on container-grown conifers.

- For use on: Nursery stock, foliage and in landscape
- Resin-coated N-P-K
- Poly-S coated Urea
- Poly-S coated Nitrogen
- STEP Hi-Mag micronutrients



50lb

EVRE90152

Min. Buy 1ea



ICL Specialty Fertilizers (ICL-SF) Osmocote® Blend 19-5-8 8-9mo. Fertilizer

Used in outside container nurseries as a multi-purpose fertilizer. It is used on a wide variety of plants that are grown in bark mixes. Nursery stock and foliage plants do well with this blend. It is also used in landscapes beds and in large outdoor containers.

- For use on: Nursery stock, foliage and in landscape
- Resin-coated N-P-K
- Poly-S coated Urea
- STEP Hi-Mag micronutrients



50lb

EVRE901316

Min. Buy 1ea



ICL Specialty Fertilizers (ICL-SF) Osmocote® Blend 20-4-8 8-9mo. Fertilizer

Is used in outside container nurseries, foliage plants, and landscapes as a multi-purpose fertilizer. It does well when used on a wide variety of plants that are grown in bark mixes. The IBDU starts the earliest in the cool season. The Poly-S® in this formulation releases a bit stronger push of Nitrogen in the earlier stages of the re-lease period and the resin-coated fertilizer continues the feed out to the 8-9 month range. It is also used on landscape bed soils and in large outdoor containers for a season long feed.

- For use on: Nursery stock, foliage and in landscape
- Resin-coated N-P-K
- Poly-S coated Urea
- IBDU
- STEP Hi-Mag micronutrients



50lb

EVRE90170

Min. Buy 1ea



ICL Specialty Fertilizers (ICL-SF) Osmocote® Blend 20-4-7 8-9mo. Fertilizer with Fusion Technology™

Is intended to be topdressed in arc-shaped piles on the surface of the media away from the plant's stem. Putting it on in a thicker pile, helps the Fusion Technology® bind the fertilizer to the surface. The intended use is on trees that have been grown in the pot for a while, so the media is filled with roots and is stable. The fertilizer portion is formulated to give the plant a quick boost after application to get the plant growing in the second season of growth. The resin-coated portion will then kick in and feed for 8-9 months.

- For use on: Nurseries
- Resin-coated N-P-K
- STEP Hi-Mag micronutrients



50lb

EVRE99410

Min. Buy 1ea



Controlled Release

ICL Specialty Fertilizers (ICL-SF) Osmocote® Bloom 12-7-18 2-3mo.

Contains a complete package of N-P-K, blended with magnesium and essential micronutrients encouraging faster, stronger root development, resulting in more compact, consistently sized plants. This provides more nutrition to the plant and not down the drain. This smaller size provides better uniformity and even distribution of nutrition in smaller containers, optimizing plant utilization.

- For use on: Plants grown in smaller containers
- N-P-K
- Coated Micronutrients



50lb
EVRE90100 Min. Buy 1ea



The power of Osmocote—right at your fingertips

Download the *Osmocote Explorer Mobile App* and get the product and rate information you need faster and easier than ever.

ICL Specialty Fertilizers (ICL-SF) Agriform® 20-10-5 Planting Tablets Plus Minors

Two-year planting tablets for root zone feeding of trees, shrubs and ground covers. Contains a high-nitrogen formula specifically engineered to help deliver bigger, greener plants.



10g Tablets / 1000ct
EVRE90805 Min. Buy 1ea

21g Tablets / 500ct
EVRE90026 Min. Buy 1ea

5g Tablets / 2,100ct
EVRE90915 Min. Buy 1ea




Controlled Release

Item #	Size/ # Per Pallet	Brand	Formulation	Release Months @ 70° F	Application	Micros
EVRE903206	50 Lb (40/PI)	Osmocote Plus	15-9-12	3-4	Top Dress/Media Incorporation	Coated
EVRE903226				5-6		
EVRE903266				8-9		
EVRE903246	50 Lb (40/PI)	Osmocote Plus	15-9-12	8-9	Top Dress/Media Incorporation	Coated
EVRE90583	50 Lb (40/PI)	Osmocote Plus Lo-Start	15-9-12	8-9	Top Dress/Media Incorporation	Coated
EVRE90336	1000/Cs (80/PI)	Osmocote Plus 7.5G Tablets	15-8-11	8-9	Insertion Into Media	Coated
EVRE90100	50 Lb (40/PI)	Osmocote Bloom	12-7-18	2-3	Top Dress/Media Incorporation	Coated
EVRE90550	50 Lb (40/PI)	Osmocote	14-14-14	3-4	Top Dress/Media Incorporation	No
EVRE90555	50 Lb (40/PI)	Osmocote Lo-Start	18-6-12	8-9	Top Dress/Media Incorporation	No
ICL90175	50 Lb (40/PI)	Osmocote Blend	18-5-8	3-4	Top Dress/Media Incorporation	Coated & Granular
ICL90176				5-6		
ICL90177				8-9		
EVRE90179	50 Lb (40/PI)	Osmocote Blend	17-5-11	3-4	Top Dress/Media Incorporation	Yes
EVRE90180				5-6		
EVRE90181				8-9		
EVRE90170	50 Lb (40/PI)	Osmocote Blend	20-4-8	8-9	Top Dress/Media Incorporation	Yes
EVRE90152	50 Lb (40/PI)	Osmocote Blend	22-3-8	5-6	Top Dress/Media Incorporation	Yes
EVRE901316	50 Lb (40/PI)	Osmocote Blend	19-5-8	8-9	Top Dress/Media Incorporation	Yes
EVRE90249	50 Lb (40/PI)	Osmocote Blend	23-4-8	5-6	Top Dress/Media Incorporation	Yes
EVRE90250				8-9		
EVRE98620	50 Lb (40/PI)	Osmocote Blend w/ Quickstart	18-5-12	5-6	Top Dress/Media Incorporation	Yes
EVRE98605				8-9		
EVRE99400	50 Lb (40/PI)	Osmocote Blend w/ Fusion	19-6-9	5-6	Top Dress	Yes
EVRE99410	50 Lb (40/PI)	Osmocote Blend w/ Fusion	20-4-7	8-9	Top Dress	Yes
EVRE90174	50 Lb (40/PI)	Osmocote Blend Topdress	22-5-6	4-5 (N only)	Top Dress	Yes
EVR90915	2100/Cs (80/PI)	Agriform 5G Tablets	20-10-5	Up to 2 Years	Insertion Into Soil	Yes
EVRE90805	1000/Cs (80/PI)	Agriform 10G Tablets				
EVRE90026	500/Cs (80/PI)	Agriform 21G Tablets				

Controlled Release

Green-house Crops	Outdoor Potted Crops	In-ground Production	Land-scapes	Interior-scapes	Comments
4"+ Pots, Baskets	Yes	Yes	Yes	Yes	Great for greenhouse crops at lower rates with or without supplemental Peters WSF.
4"+ Pots, Baskets	Yes	Yes	Yes	Yes	Lo-Start pattern release. Commonly used in propagation and when planting stock to be overwintered. Helps maintain low salt levels during storage and rooting.
4"+ Pots, Baskets	Yes	Yes	Yes	Yes	Hi-Start pattern release distributes more fertilizer earlier in the growth cycle.
Qt+ Pots, Baskets	Yes	Yes	Yes	Yes	Easy to apply. Add to containers at the point of sale for several months of ongoing fertilization.
4"-12" Pots	Yes	Yes	Yes	Yes	For small container plants with a production time of 6-12 weeks. Prill size is 1/5 standard Osmocote—more prills per gram for better distribution in small containers.
4"+ Pots, Baskets	Yes	Yes	Yes	Yes	Excellent for a wide variety of crops with micronutrient supplementation from Micromax or Peters WSF.
No	Yes	No	No	No	Used with woody plants and perennials to be propagated or overwintered. Needs to be supplemented with micros.
4"+ Pots, Baskets	Yes	Yes	Yes	Yes	Our best blend—great for crops prone to chlorosis and environments with high alkalinity irrigation water, or high media pH.
4"+ Pots, Baskets	Yes	Yes	Yes	Yes	Safe, reliable formulation contains homogenous NPK resin-coated CRF blended with Micromax micronutrients.
No	Yes	Yes	Yes	No	Multi-purpose fertilizer ideal for use on a wide variety of plants grown in bark mixes.
No	Yes	Yes	Yes	No	General purpose product commonly used as base fertilizer mix or topdressed in nursery containers. Great for fast-growing perennials, grasses and foliage plants.
No	Yes	Yes	Yes	No	Multi-purpose product formulated for use in outside container nurseries. Can be used on a wide variety of plants grown in bark mixes.
No	Yes	Yes	Yes	No	For general purpose production of nursery stock, foliage and landscapes. Great for second year topdress applications.
No	Yes	Yes	Yes	No	Quick Start formulation provides fast initial release for quick green-up. Coated prills continue to release as crop matures.
No	Yes	No	No	No	Fusion bonding technology prevents loss of CRF on outdoor potted crops exposed to high winds and tip-overs.
No	Yes	No	No	No	Fusion bonding technology prevents loss of CRF on outdoor potted crops exposed to high winds and tip-overs.
No	Yes	Yes	Yes	No	Cool weather topdress for use on conifers, perennials and grasses. Works well on ground covers, perennials and shrubs.
No	No	Yes	Yes	No	Complete plant nutrition program feeds trees, shrubs and ground covers for up to two years. Compact, easy-to-use tablets eliminate the need for repeated fertilizer applications.
				Yes	
				Yes	



Controlled Release

GAL-XeONE® Controlled Release Fertilizer

GAL-XEONE® is a controlled-release fertilizer with a new, advanced polymer coating technology. It delivers optimal nutrients to the plant at a daily rate that matches a plant's uptake requirements.

GAL-XEONE® reactive layer coating was created with support from NASA. It allows water to seep into the prill and then carry the nutrients out through a semi-permeable membrane and into the soil.

Benefits

- Nutrient availability to match a plant's uptake pattern
- Controlled nutrient release from 2 months to 18 months
- Reduced losses from volatilization and leaching
- Reduced labor and logistics costs from fewer applications

Florikan® Gal-XeOne® 17-5-11 NPK Plus Fertilizer

Is a 100% polymer coated fertilizer providing the grower a complete nutritional program. Each longevity is designed to provide plant nutrients from the beginning to end of the crop cycle.

- For use on: Trees, flowering ornamentals, woody ornamental, perennials, ferns, greenhouse, ground cover, mum and hanging baskets
- Total Fertilizer Containing NPK and Micronutrients
- 100% Polymer Coated Fertilizer
- Coating Technology Provides Predictable Release
- No Urea

140 Day Release



50lb

FLOR17-5-11-140 Min. Buy 1ea



180 Day Release



50lb

FLOR17-5-11-180 Min. Buy 1ea

Florikan® Gal-XeOne® 16-5-11 NANO™ Advantage Fertilizer - 90 Day Release

Is a controlled-release fertilizer with an advanced polymer coating technology. It delivers optimal nutrients to the plant at a pace that matches a plant's uptake requirements. Provides gradual release of plant nutrients to match a plant's growth cycle as needed. It improves efficiency, limits plant damage and reduces nutrient loss. Features: Total Fertilizer Containing NPK and Micronutrients, 100% Polymer Coated, Small Nano prill allowing for optimal prill distribution, Desired nutritional ratio, Prills contain a chelated iron component for excellent plant uptake, Applied as topdress, subdress or incorporation.



50lb

FLOR16-5-11-090-NANO Min. Buy 1ea



Florikan® Gal-XeOne® 12-4-11 Advantage Fertilizer

Is designed specifically for nursery operations specializing in crops desiring long term calcium. With a unique level of polymer coated calcium nitrate, it will provide the essential nutrients for the entire crop cycle. The balanced nitrogen and potassium along with low phosphorus to reduce plant stretch makes it ideal for crops striving on calcium.

- For use on: Boxwood, hydrangea, roses, perennials, flowering ornamentals, young trees, tomato citrus and hydroponics
- 100% Polymer Coated NPK plus Micronutrients
- Contains Florikan Polymer Coated Calcium Nitrate
- Very High Rate of Nitrate Nitrogen for Readily Available Nitrogen

100 Day Release



50lb

FLOR12-4-11-100 Min. Buy 1ea



180 Day Release



50lb

FLOR12-4-11-180 Min. Buy 1ea



Florikan® Gal-XeOne® 14-14-14 NPK Fertilizer - 90 Day Release

Features: 100% homogenous NPK formulation, Traditional 1:1 N to K Ratio, Great for short term crops, Economical use rate.



50lb

FLOR14-14-14-090 Min. Buy 1ea

Florikan® 12-6-8 NPK Pro Fertilizer

Is a blend of controlled release fertilizer and granular fertilizer that provides macro-nutrients for the majority of container or field grown crops. Additional micro-nutrients are provided in the blend to help adjust for deficiencies. Is excellent as a kicker/starter, maintenance feed or finisher providing a quick green up.

- For use on: Ixora, Hibiscus, Gardenia, Ornamental Grass, Madevilla, Palms, Bougainvillea, Clusia and Landscape Shrubs
- Nitrogen in Granular and Coated Form
- Innovative GAL-XeONE Coated N Provides Predictable Release
- Coated and Uncoated NPK and Homogeneous Micronutrients

90 Day Release



50lb

FLOR12-6-8-090 Min. Buy 1ea



90 Day Release with Fast Start



50lb

FLOR12-6-8-090-FS Min. Buy 1ea

Product	% Coated	N	Nirate	Ammoniacal N	Urea	Insoluble N	P	K	Ca	Mg	S	B	Cu	Fe	Chelated Fe	Mn	Mo	Zn
12-4-11 180-Day	100%	12%	7.50%	4.50%			4%	11%	5.50%	1.14%	3%		0.046%	0.44%	0.34%	0.045%		0.03%
12-4-11 100-Day	100%	12%	7.50%	4.50%			4%	11%	5.50%	1.14%	3%		0.046%	0.44%	0.34%	0.045%		0.03%
12-6-8 90-Day	10%	12%		2.30%	6.70%	3%	6%	8%	4.10%	3.80%	10%		0.1%	3.40%		0.650%		0.14%
12-6-8 90-Day Fast Start	22%	12%		3.60%	7.70%	0.70%	6%	8%		2.90%			0.05%	2%	0.08%	0.09%		0.05%
14-14-14 90-Day	100%	14%	5.90%	8.10%			14%	14%			5.50%							
16-5-11 90-Day Nano	100%	16%	7.50%	8.50%			5%	11%		1.20%	6%		0.05%	0.6%		0.1%		0.05%
17-5-11 140-Day	100%	17%	8%	9%			5%	11%		1%	5.50%			0.5%	0.34%	0.050%		0.05%
17-5-11 180-Day	100%	17%	8%	9%			5%	11%		1%	5.50%			0.5%	0.34%	0.050%		0.05%
Max	0%	0%					0%	0%		14%	7.60%	0.02%	0.680%	17.81%	1.43%	1.33%	0.190%	0.02%
Sapphire Coated Aluminum Sulfate	100%	0%					0%	0%			12%							
Iron Sulfate 180-Day	100%										17%			28%				



The Wetsel Brand has been offered since 1911.



Bulk Seed Bags

Retail or Grower friendly packaging that is a moisture resistant clear poly bag sure to keep your seeds fresh!

Nutricote®

Controlled Release

Nutricote® Total Control Released Fertilizer with Minor Nutrients

Blends of Nutricote Total controlled release homogenous fertilizers with minor nutrients for nursery and greenhouse uses.

Every particle is homogenous, coated with a unique pliable resin that allows very predictable release rates.

Release period is specified by TYPE. A Type 100 means it will release over a period of 100 days at 77°F. Warmer temperatures will shorten release time and cooler temperatures will extend release time.

- Nutricote NPK = Slow release fertilizer containing NPK only
- Nutricote Total = our slow release fertilizer containing NPK and minor/micro nutrients.
- Nutricote Total Blends = a blend of at least 2 different "Nutricote Totals".

Nutricote® Total 18-6-8 Fertilizer with Minors

A blend of nutricote controlled release fertilizer with minor nutrients for nursery and greenhouse uses. Every particle is homogenous, meaning N, P, K and minor nutrients are contained in each individual prill. Nutricote's coating is a pliable resin that provides very predictable release rates. Warmer temperatures will shorten release time and cooler temperatures will extend release time.



T140

50lb

AGRVTOTAL 18-6-8T140 Min. Buy 1ea

T180

50lb

AGRV14-2380 Min. Buy 1ea

Nutricote® NPK 14-13-13 Fertilizer

A blend of nutricote controlled release fertilizer for nursery and greenhouse uses. Every particle is homogenous, meaning N, P, K nutrients are contained in each individual prill. Nutricote's coating is a pliable resin that provides very predictable release rates. Warmer temperatures will shorten release time and cooler temperatures will extend release time. NPK only; no micronutrients.



T100

50lb

AGRVNPK 14-13-13T100 Min. Buy 1ea

T140

50lb

AGRVNPK 14-13-13T140 Min. Buy 1ea

Nutricote® Total 13-11-11 Fertilizer with Minors

A blend of nutricote controlled release fertilizer with minor nutrients for nursery and greenhouse uses. Every particle is homogenous, meaning N, P, K and minor nutrients are contained in each individual prill. Nutricote's coating is a pliable resin that provides very predictable release rates. Warmer temperatures will shorten release time and cooler temperatures will extend release time.



T100

50lb

AGRVTOTAL131111T100 Min. Buy 1ea

T140

50lb

AGRVTOTAL131111T140 Min. Buy 1ea

T180

50lb

AGRVTOTAL131111T180 Min. Buy 1ea





Controlled Release Fertilizers

Sustane® 4-6-4 All Purpose Fertilizer

A natural organic all purpose professional landscape fertilizer. For plant establishment, greenhouse and nursery growing and organic crop production. Adds approximately 10% humates by volume and increases the nutrient and water holding capacity of the soil. Also strengthens plants tolerance against hot dry conditions, provides greater root development, improves buffering against changes in soil pH, increases the soil's ability to suppress plant pathogens and helps increased soil porosity and stability for greater root development and water holding capacity.

- For use on: Landscaped areas, overseeding and turf establishment, certified organic crops, rapid vegetative establishment



50lb
SNF30201111 Min. Buy 1ea

Sustane® 16-4-8 Fertilizer - 180 Day Release

Was developed as a combination fertilizer to provide nursery stock with a time released 4-1-2 nutrient package blended with a 50% Sustane humus rich, premium organic base. Derived from aerobically composted turkey litter, polymer coated urea, polymer coated MAP, and polymer coated potassium nitrate.

- For use on: Perennials and Woody ornamentals Azalea, Holly, Weigelia, Crape Myrtle, Cotoneaster, Boxwood, Spiraea, Salvia, Hibiscus, and Daylily.
- Rich in humic acids
- Strengthens plants tolerance against hot dry conditions



50lb
SNF50501111 Min. Buy 1ea

Sustane® 18-1-8 +Fe Topdress Fertilizer - 90 Day Release

Is a two-part blend combining Sustane organic with four-way release of nitrogen for enhanced and long lasting color. The most economical coverage of any organic based fertilizer.

- For use on: golf course fairways and roughs, lawns, and sports fields
- Combines 4 different forms of nitrogen: 3 types of slow release including Sustane organic N, PCSCU, methylene urea and 1 form of quick release nitrogen from ammonium sulfate.
- 15.3% (85% of total N) is slow release nitrogen



50lb
SNF40901111 Min. Buy 1ea

Sustane® Root Zone 16-4-8 Feeder Pak Fertilizer

Sustane 16-4-8 Root Zone Feeder Paks provide single dose applications of Sustane Organic + CRF designed to provide long-lasting plant nutrition in a completely biodegradable paper filter pack. This product is designed to provide a continuous release of nutrients for up to 8 months at 70° F (23° C) soil temperature.



21g Paks / 250ct
SNF80502020 Min. Buy 1ea

Sustane® 8-2-4 All Natural Fertilizer

Provides 6 - 12 weeks of nitrogen in the organic slow release form. Sustane replenishes the soil with a rich supply of humus (stabilized organic matter) and all of the essential nutrients required for quality growth. Also provides a combination of plant nutrients and organic substances derived from biologically stable compost plus natural sulfate of potash and feather meal.

- For use on: Certified organic crops, turfgrass and landscape maintenance, greenhouse bedding plants and annual establishment
- Rich in humic acids



50lb
SNF30551111 Min. Buy 1ea

Sustane® 8-4-4 All Natural Fertilizer

Is a high nitrogen organic fertilizer designed specifically for professional nursery and greenhouse applications. When used in containers the nutrient release profile is 45 days. Composed of aerobically composted turkey litter, feather meal, and sulfate of potash

- For use on: production of bedding and foliage crops, hanging baskets, herbs and vegetables. Begonias, Petunias, Impatiens, Geraniums, Caladiums, Chrysanthemums, and vegetable crops
- Provides six to eight weeks of nutrient release in containers



50lb
SNF30571111 Min. Buy 1ea

Sustane® 12-12-12 Organic + Controlled Release Fertilizer

Developed as a combination fertilizer to provide all floral and nursery stock with a complete, balanced and controlled release nutrient package. Provides plant essential nutrients in both controlled release and slow release organic form by combining coated CRF with nutrient rich aerobically composted turkey litter. The controlled release portion of the material is made from industry leading polymer coated urea, polymer coated mono-ammonium phosphate and polymer coated potassium nitrate.

- For use on: Production of bedding plants other short term annuals, Begonias, Petunias, Impatiens, Geraniums, Caladiums, Chrysanthemums, herbs and vegetable crops
- Rich in humic acids
- Strengthens plants tolerance against hot dry conditions



50lb
SNF50451111 Min. Buy 1ea

Sustane® Root Zone 4-6-4 Feeder Pak Fertilizer

This permeable fertilizer pack can be left to steep in a watering can overnight to make a Compost Tea brew for topical application; or installed in the soil or potting mix as a Root Zone Feeder Pack. Sustane 4-6-4 Root Zone Feeder Packs provide single dose applications of Sustane organic slow release nitrogen fertilizer. Sustane Feeder Packs are designed to provide lasting plant nutrition in a completely biodegradable filter pack. Sustane 4-6-4 Root Zone Feeder Pack is designed for use in all flowers, trees, shrubs and perennial plantings including landscape areas, potted plants and hanging baskets.

- Assures controlled dose applications
- Made from Sustane nutrient dense compost based fertilizer



21g Paks / 250ct
SNF80202020 Min. Buy 1ea



Controlled Release Fertilizers

Urea Formaldehyde (Blue Chip) 38-0-0

Slow release urea fertilizer, great for broadcast, topdress, or incorporation.

- Provides nitrogen to the soil
- Applications: Turf grass, lawn care, hydroseeding, trees, shrubs. Not for use on food crops.
- Rate: Varies depending on application.



50lb

REGALUF38-0-0 Min. Buy 1ea



NATURE'S SOURCE®

Liquid

Nature's Source® 10-4-3 Professional Plant Food

A Complete plant food that contains oilseed extract, a renewable source of plant nutrition, which promotes strong plant and root development. Brings out the best in everything you grow. Growers report improved plant growth and enhanced root development resulting in compact, toned plants with early flowering and beautiful, deep green plants.



4.7gal

DANL7510US Min. Buy 1ea

55gal Drum

DANL7547US Min. Buy 1ea

275gal Tote

DANL7513US Min. Buy 1ea

Shipping Info **SHIPS DIRECT**



Nature's Source Organic® Plant Food 3-1-1

Organic liquid fertilizer that provides consistent toned growth and for quick green-up when needed, providing sustainability in your organic greenhouse, nursery or farm. Promotes rapid nutrient response and hearty plant growth.



4.7gal

DANL7546US Min. Buy 1ea



DRAMMATIC®

Liquid

Drammatic™ "ONE" Fertilizer

Drammatic fish protein hydrolysates contain the natural oils and proteins of fish, which break down slowly to become available over a longer period of time. Pure liquid fish hydrolysate stabilized with phosphoric acid, Chilean nitrate, and kelp extract. Plus Drammatic energizer which is composed of fulvic acid and humic acid.



2.5gal

DRM1024252 Min. Buy 1ea

55gal

DRMFFONE55G Min. Buy 1ea

Shipping Info **DIRECT**



Drammatic™ "O" 2-5-0.2 Fertilizer

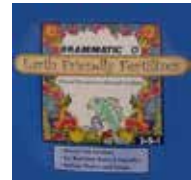
Pure liquid fish hydrolysate stabilized with phosphoric acid. Drammatic fish protein hydrolysates contain the natural oils and proteins of fish, which break down slowly to become available over a longer period of time. OMRI Listed.



55gal

DRMFFO55G Min. Buy 1ea

Shipping Info **DIRECT**



Drammatic® "K" Liquid Fertilizer

Pure liquid fish protein hydrolysate stabilized with phosphoric acid and kelp extract. Drammatic fish protein hydrolysates contain the natural oils and proteins of fish, which break down slowly to become available over a longer period of time.



2.5gal

DRM1024251 Min. Buy 1ea

55gal

DRMFFK55G Min. Buy 1ea

Shipping Info **DIRECT**



Liquid

ON-Gard® 5-0-0 Fertilizer

ON-Gard is a 100% plant derived fertilizer that increases stress tolerance, increases growth and enhances nutrient uptake and overall absorption. It is suitable for all plants. OMRI listed.



2.5gal

BW1FR102A24 Min. Buy 1ea
Shipping Info [DIRECT](#)

5gal

BW1FR102A55 Min. Buy 1ea
Shipping Info [DIRECT](#)

30gal Drum

BW1FR102A38 Min. Buy 1ea
Shipping Info [DIRECT](#)



Liquid

Growth Products® Essential® Plus 1-0-1 Fertilizer

Essential Plus is a soil amendment and root enhancer derived from potassium Humate, 21 natural L-amino acids, enzymes, simple & complex sugars, vitamins, kelp extracts, carbohydrates, cellulose, lignin, hydrolyzed organic proteins and a natural wetting agent. Use at plug production to ensure seed germination and good rooting.

- Enhances beneficial microbe populations and provides a necessary food source.
- Applications: Turf grass, lawn care, hydroseeding, trees, shrubs. Not for use on food crops.



1gal

GRWP60110 Min. Buy 1ea

2.5gal

GRWP60120 Min. Buy 1ea



Micronutrients

BASF® Sprint® 138 6% EDDHA Iron Chelate

A 6% EDDHA chelated iron micronutrient that can be applied as a soil application or as a foliar spray to correct iron deficiencies. Provides an iron source that is readily available to plants, even at higher than ideal soil pH. Sprint 138 will make iron plant-available at a higher soil pH than Sprint 330.

- For correction of iron deficiency in alkaline and calcareous soils. Can be used in nurseries, gardens, landscape planting and turf.
- 6% fully chelated EDDHA iron for the most challenging alkaline soil.



5lb

BAS59013436 Min. Buy 1ea



Micronutrients

CalOx® FT 8-0-0

An advanced liquid nutritional and crop enhancement product for a wide range of agricultural and horticultural crops. The unique patented Ca™ technology in CalOx FT improves calcium mobility and distribution beyond traditionally applied calcium products to support a better crop health and performance.

- Longer shelf life
- Active ingredient: Calcium and Nitrogen
- Signal Word: Danger
- Rate: varies. See label



2.5 Gallon Bottle

BSF450025 Min. Buy 1ea

5 Gallon Bottle

BSF45005 Min. Buy 1ea



BASF® Sprint® 330 10% DTPA Iron Chelate

A 10% DTPA chelated iron micronutrient that can be applied as a soil application or as a foliar spray to correct iron deficiencies. Provides an iron source that is readily available to plants, even at higher than ideal soil pH.

- For correction of iron deficiency in slightly acid to slightly alkaline soils. Can be used in nurseries, gardens, landscape planting and turf.
- Prevents iron from binding with other compounds in the soil, allowing it to stay in a form readily available for plant and turf use.



5lb

BAS59013439 Min. Buy 1ea

50lb

BAS59013097 Min. Buy 1ea





Micronutrients

ON-Gard® Calcium

ON-Gard® Calcium is an organic liquid calcium formulated with plant derived soy protein hydrolysate for the treatment and prevention of calcium deficiency in crops.

- Active ingredient: Calcium Chloride and Soy Protein
- Rate: 8 to 16 oz per 100 gal
- Use as directed on all ornamental and edible crops



2.5gal Bottle

BW1FR110A24 Min. Buy 1ea
Shipping Info [DIRECT](#)

5gal Pail

BW1FR110A55 Min. Buy 1ea
Shipping Info [DIRECT](#)

30gal Drum

BW1FR110A38 Min. Buy 1ea
Shipping Info [DIRECT](#)

Micronutrients

Iron Sulfate 20% Granular

Uncoated iron sulfate. Can be incorporated into growing media to supplement iron levels.

- Acidifies soil, lowers pH and corrects high alkalinity
- Applications: Lawns, trees, shrubs and gardens.



50lb

WFLS14-0258 Min. Buy 1ea

Sulfur 90% Granular

A high-quality, pastille sulfur with individually formed, slow-release, hemispherical granules. This formulation virtually eliminates dust formation during handling and helps to ensure consistent application rates.

- Increased nitrogen utilization, phosphate and nutrient uptake.
- Can be applied alone or blended with granular fertilizers



50lb

WFLS19-0573B Min. Buy 1ea



Solubor® Boron Fertilizer

A concentrated soluble powder boron fertilizer. Solubor helps to correct boron deficiencies in a variety of crops including ornamentals, fruit trees, vegetables and berries. Boron is essential to plant nutrition. Can be soil or foliar applied.

- Dissolves quickly in liquid and leaves minimal residue when used as a foliar spray.



50lb

WFLS14-0264A Min. Buy 1ea

Micronutrients

Sequestar Iron Chelate 6% Fe EDDHA

Sequestar is a water soluble form of iron EDDHA that is readily available to plants. It can be applied to prevent or correct iron deficiency. Sequestar can be used on vegetable crops, vine and berry crops, fruit and nut trees, and ornamental shrubs, bedding plants and groundcovers.

- For correction of iron deficiency in alkaline and calcareous soils. Can be used in nurseries, gardens, landscape planting and turf.
- Prevents iron from binding with other compounds in the soil, allowing it to stay in a form readily available for plant and turf use.



5lb

BRANDT2955-01-050 Min. Buy 1ea

25lb

BRANDT2955-01-025 Min. Buy 1ea



Sequestar Iron Chelate 11% Fe DTPA

Sequestar is a water soluble form of iron DTPA that is readily available to plants. It can be applied to prevent or correct iron deficiency. Sequestar can be used on vegetable crops, vine and berry crops, fruit and nut trees, and ornamental shrubs, bedding plants and groundcovers.

- For correction of iron deficiency in slightly acid to slightly alkaline soils.
- Prevents iron from binding with other compounds in the soil, allowing it to stay in a form readily available for plant and turf use.



25lb

BRANDT SEQUESTAR 11% FE Min. Buy 1ea



Manni-Plex Nickel Foliar Supplement

Manni-Plex NI is a foliar supplement that provides highly mobile and available nickel to plant growing points. It helps to prevent and correct nickel deficiencies and enhances overall plant health.

- Nickel is an essential nutrient that plays a key role in plant metabolism and the plant's ability to fight disease.
- Use on vegetable, fruit, tree, vine and ornamental crops.



2.5gal Bottle

BRANDT2357-01-100 Min. Buy 1ea



Micronutrients

Ferrous Sulfate

Designed to reduce soil Ph over an extended period of time, while providing the essential elements of iron and sulfur.

Patented polymer coating technology is used to fully coat FeSO₄ providing a gradual release. This reduces labor by reducing the need for additional applications and provides a more consistent adjustment in PH creating improved growing conditions.



50lbs

FLORFE-SO4-180 Min. Buy 1ea

Florikan® Max Micronutrients

Features homogenous micronutrient package, 8 essential minerals for plant growth. For uniform homogenous prill to aid in distribution, multiple forms of iron and magnesium for green color and formulated for better color even under challenging Ph conditions. Includes chelate, sulfate, and succrate forms for better adsorption across a wider range of ph.



50lb

FLOR-MAX Min. Buy 1ea



Florikan® Sapphire Aluminum Sulfate

Is designed to increase the development of the blue flower color in blue Hydrangeas. Florikan's patented polymer coating technology sustains the release of nutrients to reduce the potential nutrient runoff and leaching into the environment. The controlled release technology also reduces the need for multiple applications..

- For use on: Hydrangeas



50lb

FLORAL-SO4-090 Min. Buy 1ea





Micronutrients

ICL Specialty Fertilizers STEP® Hi-Mag Micronutrients

Specially formulated to improve the overall performance of your major nutrient program. Provides important secondary and micronutrients to support initial and continued growth of container-grown and landscape ornamentals. Formulation provides a higher level of magnesium, in addition to a combination of readily available and slowly available forms of micronutrients.



50lb
EVR8435 **Min. Buy 1ea**



Micronutrients

JR Peters® Jack's Professional® Calcium Chloride Dihydrate

Calcium Chloride can be used to correct a calcium deficiency detected by growing media or foliar analysis. It is most commonly used as a foliar application.



1lb
JRP74374 **Min. Buy 1ea**



25lb
JRP74371 **Min. Buy 1ea**



4lb
JRP74376 **Min. Buy 1ea**



ICL Specialty Fertilizers Micromax® Micronutrients Fertilizer

Micromax granular formulation is designed to increase the efficiency of the major nutrient program and to maximize plant growth by boosting micronutrient levels in the root zone.



50lb
EVRE90505 **Min. Buy 1ea**



JR Peters® Jack's Professional® Ammonium Molybdate

Ammonium Molybdate can be used to correct a Molybdenum deficiency detected by media or foliar analysis. It is an essential part of any Poinsettia fertility program.



1lb
JRP74742 **Min. Buy 1ea**



ICL Specialty Fertilizers Peters® Granular S.T.E.M. Fertilizer

A fully water soluble fertilizer and broad spectrum minor element product that is ideal for "quick fixes" on ornamental plants. Can be used for corrective purposes on micronutrient deficient crops. It can also be applied as a remedial foliar spray on ornamental plants like: potted tropical foliage, flowering plants, cut flowers and orchids.



25lb
EVR99900 **Min. Buy 1ea**



ICL Specialty Fertilizers Peters® Liquid S.T.E.M. Fertilizer

Ready-to-mix liquid formulation. Goes from the jug to the tank in one easy step with no solubility issues. This fertilizer and broad spectrum minor element product is ideal for "quick fixes" on ornamental plants. Can be used for corrective purposes on micronutrient deficient crops. It can also be applied as a remedial foliar spray on ornamental plants like: potted tropical foliage, flowering plants, cut flowers and orchids.



2.64gal
EVRE99068 **Min. Buy 1ea**



Micronutrients

JH Biotech Biomin® Boron

Biomin® Boron contains boron for soil and/or foliar application. Completely bioavailable and non-phytotoxic to plants when applied in accordance to directions. Designed to prevent and correct boron deficiencies and to boost crops during critical or fast growing periods. May be applied with nitrogen fertilizers.



2.5gal

JH051001

Min. Buy 1ea



JH Biotech Biomin® Manganese

Biomin® Manganese contains nitrogen and chelated manganese for soil and/or foliar applications. It is completely bioavailable and nonphytotoxic to plants when applied in accordance to directions. Biomin® Manganese is designed to prevent and correct manganese deficiency and to boost crops during critical or fast growing periods. Biomin® Manganese may be applied with nitrogen fertilizers.



2.5gal

JH051012

Min. Buy 1ea



JH Biotech Biomin® Calcium

Biomin® Calcium contains chelated calcium designed for soil and foliar application. It is completely bioavailable and non-phytotoxic to plants when applied in accordance to directions. Designed to prevent and correct micronutrient deficiencies and to boost crops during critical or fast growing periods. May be applied with nitrogen fertilizer.



2.5gal

JH051005

Min. Buy 1ea



JH Biotech Biomin® Magnesium

Biomin® Magnesium contains chelated magnesium for soil and/or foliar application. Completely bioavailable and non-phytotoxic to plants when applied in accordance to directions. Designed to prevent and correct magnesium deficiencies and to boost crops during critical or fast growing periods. May be applied with nitrogen fertilizers.



2.5gal

JH051011

Min. Buy 1ea



JH Biotech Biomin® Copper

Biomin® Copper contains chelated copper for soil and/or foliar application. Completely bioavailable and non-phytotoxic to plants when applied in accordance to directions. Designed to prevent and correct copper deficiencies and to boost crops during critical or fast growing periods. May be applied with nitrogen fertilizers.



2.5gal

JH051008

Min. Buy 1ea



JH Biotech Biomin® Molybdenum

Biomin® Molybdenum contains molybdenum for soil and/or foliar application. Completely bioavailable and non-phytotoxic to plants when applied in accordance to directions. Designed to prevent and correct molybdenum deficiencies and to boost crops during critical or fast growing periods. May be applied with nitrogen fertilizers.



2.5gal

JH051014

Min. Buy 1ea

JH Biotech Biomin® Iron

Biomin® Iron contains chelated iron for soil and/or foliar application. Completely bioavailable and non-phytotoxic to plants when applied in accordance to directions. Designed to prevent and correct iron deficiencies and to boost crops during critical or fast growing periods. May be applied with nitrogen fertilizers.



2.5gal

JH051010

Min. Buy 1ea



JH Biotech Biomin® Zinc

Biomin® Zinc contains chelated zinc for soil and/or foliar application. Completely bioavailable and non-phytotoxic to plants when applied in accordance to directions. Designed to prevent and correct zinc deficiencies and to boost crops during critical or fast growing periods. May be applied with nitrogen fertilizers.



2.5gal

JH051021

Min. Buy 1ea





Usalco LLC

Micronutrients

Manganese Chelate EDTA 13.5%

Manganese deficiency results in reduced photosynthetic activity. Conditions of high pH, low organic matter or sandy soils will reduce the availability of manganese. Plant-Prod Manganese Chelate can be used to correct deficiencies in ornamentals, turf, field crops and fruit trees.



55lb

PLNTX13-0130A Min. Buy 1ea



Micronutrients

Aluminum Sulfate

Used to lower the soil pH and supplement with additional aluminum in order to turn Hydrangea macrophylla flowers from pink to blue.



50lb

USALASRICE50P Min. Buy 1ea



Basic Nutrients

Superfine Dolomitic Limestone

Superfine is a very fine grind of lime as well as a fast acting lime. It can be applied at any time of the year and be used on new lawns, established lawns, in gardens and media. It neutralizes soil acids and raises PH.



50lb

WAUKM03890 Min. Buy 1ea



Basic Nutrients

Yara Calcium Nitrate 15.5-0-0 Greenhouse Grade

A fully water soluble nitrogen and calcium fertilizer. It is a free flowing, fine granular or prilled material which dissolves quickly in water without any residues. Suited to application through all fertigation systems.



50lb

YARA6031 CN Min. Buy 1ea



Basic Nutrients

**11-0-0 9.3% Mg
Magnesium Nitrate Magnific™**

A soluble fertilizer that provides nitrogen and magnesium.



55lb
PLNTX10268 Min. Buy 1ea



Media Starter Charge

ICL Specialty Fertilizers (ICL-SF) Peters® Professional Uni-Mix® 11-5-11 Growing Media Nutrient Charge

Nutrient charge contains all essential major, secondary and micro-elements. Flexible granular formula can be incorporated in growing media. Provides immediate and slow release nutrient characteristics. Granular nature allows easy, uniform distribution when incorporated into growing media.



50lb
EVR99930 Min. Buy 1ea



Soluble Urea 46-0-0

Highly concentrated and highly efficient source of available nitrogen. Provides strong, sustained and green growth.



50lb
PLNTX10426 Min. Buy 1ea



Mono-Potassium Phosphate

Often used as a nutrient source in greenhouses while minimizing the escape of ammonia by keeping the pH at a relatively low level.



55lb
PLNTX10279 Min. Buy 1ea



Media Starter Charge

Magnesium Sulfate (Epsom Salt)

Epsom salts is a source of magnesium for plant nutrition.



50lb
PLNTX11029 Min. Buy 1ea



Plantex® 1-3-4 Premix Fertilizer

Designed to be incorporated into the media prior to planting.



50lb
PLNTX10588 Min. Buy 1ea





Verdanta

Verdanta® EcoVita 7-5-10 Fertilizer

A homogeneous organic granular fertilizer, EcoVita (7-5-10) provides organic phosphorus to promote fast rooting.

EcoVita's organic blend is ideal for diverse applications, well suited for potting mixes, leafy vegetables, top dressing for fruiting vegetables, and all ornamentals. Delivers long-lasting and continuous nutrient availability for up to 100 days.

- Granular formulation
- Rate: Varies depending on application method.



40lb

BW1FR86A08 Min. Buy 1ea

Verdanta® OFE 3-0-0 Fertilizer

OFE chelated iron foliar spray (3-0-0 + 3% iron) is derived from both organic and mineral sources. Iron moves readily into the plant leaf tissue for quick green up. An excellent foliar feed, OFE leaves no residue.

- Ships direct from the vendor.
- Rate: Varies depending on application method.



1gal

BW1FR44A23030000 Min. Buy 1ea

Verdanta® K-Vita 2-0-20 Fertilizer

Derived from 100% organic sources (2-0-20). Provides extra potassium to assist in producing stockier, more robust plants with shorter internodes. OMRI listed.

- Granular formulation
- Rate: Varies depending on application method.



4lb Bag

BW14-3102 Min. Buy 1ea

Verdanta® PL-2 2-0-6 Fertilizer

Derived from 100% organic ingredients (2-0-6). Can be used as an organic liquid feed to supplement potassium for any crop. Low salt index means lower ECs in the growing medium. Stimulates microbial activity in the root zone.

- Ships direct from the vendor.
- Rate: Varies depending on application method.



1gal

BW1FR44A23020006 Min. Buy 1ea

2.5gal

BW1FR44A24020006 Min. Buy 1ea

Verdanta® N-Vita 9-4-3 Fertilizer

A homogeneous organic granular fertilizer, N-Vita (9-4-3) delivers a higher nitrogen formulation with excellent performance on all crops.

N-Vita is a MINIGRAN Technology with uniform composition in each granule, consisting of the same amount of N, P and K for precise nutrient distribution and availability to plants.

- Ships direct from the vendor.
- Rate: Varies depending on application method.



35lb

BW1FR96A60 Min. Buy 1ea

Verdanta® RM-1 4-30-0 Fertilizer

A high phosphorus mixture (4-30-0) of organic and mineral nutrient sources. Stimulates rooting. Enhances flowering in short-term crops with initial application or on longer crops with a second topdressed application.

- Provides nutrients for up to 100 days of 60o F
- Useful in high pH soils and in cold temperatures
- Rate: Varies depending on application method.



40lb Bag

BW1FR44A08043000 Min. Buy 1ea

