

# GROTEK™

## QUICK REFERENCE GUIDE



### SOLO-TEK GROW™

6-3-7 | 2-3 ML/L  
500 ML, 1 L, 4 L, 10 L  
NUTRIENT SUSPENSION

**Effective and easy to use.** As a one part base nutrient Solotek is easy to use. Our proprietary 7 day brew process and the inputs we select make it an effective choice for a wide range of gardens.

**Humic based suspension technology.** The formula contains no added water. Over a week long period various ingredients are slowly mixed with the humic acid base forming a complex suspension.

**One part formulas are the best choice for soil and soilless gardens.** Any time a media has a cation exchange it slows the effect of nutrient adjustments reducing the benefit of a 3 part formula.



### SOLO-TEK BLOOM™

3-8-8 | 2-3 ML/L  
500 ML, 1 L, 4 L, 10 L  
NUTRIENT SUSPENSION

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### PRO-SILICATE™

0-0-4 | 0.5 ML/L  
500 ML, 1 L, 4 L, 10 L, 23 L  
PLANT RESILIENCE

**More concentrated formula.** Pro-Silicate™ now has over 7% silicon dioxide in concentrate with the added benefit of potassium chloride for ripening fruit.

**Improves plant structures and environmental resilience.** Silicon works with calcium to build stronger cellular structure assisting with heavy harvests and environmental pressure such as high temperatures and drought.

**Assists ripening plants.** Multiple forms of potassium build the highest quality fruit on the improved plant structures giving an added benefit to the silicon in this formula.

MORE CONCENTRATED



### INSTA-GREEN™

3-0-0 | 4 ML/L  
500 ML, 1 L, 4 L, 10 L,  
NITROGEN SUPPLEMENT

**Fast acting nitrogen supplement.** A yellowing plant can see results within 24 hours of application.

**Extra nitrogen is complimented by other nutrients and chelates.** Calcium and chelated iron both provide additional benefits while given a nitrogen based green up to the plants. Low molecular weight humates enhance the availability of all nutrients.

**Great as a foliar spray or root drench.** Instagreen™ is very versatile. In larger commercial or high light settings a root application might be necessary but Instagreen™ is also great as a foliar spray.



## HEAVY BUD™ PRO

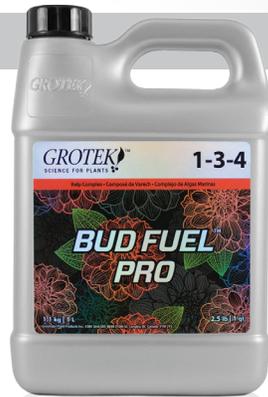
1-0-3 | 2 ML/L  
500 ML, 1 L, 4 L, 10 L, 23 L  
RIPENING AGENT

**High performance ripening supplement that compliments Monster Bloom™.** This enhanced more concentrated formula is tailored to work with Monster Bloom™ to improve the size and quality of all harvested fruits.

**Unique Carbohydrate complex ensure nutrient availability.** While full of free carbohydrates (4 different types) this formula also contains carbohydrate chelation that ensures high nutrient availability helping plants access more nutrients.

**Improves harvest quality.** Key nutrients in this formula will provide for extended shelf life and a harvest that has full flavour, aroma and taste.

NEW FORMULA



## BUD FUEL™ PRO

1-3-4 | 2 ML/L  
500 ML, 1 L, 4 L, 10 L, 23 L  
KELP COMPLEX

**Transitional product with an enhanced formula to improve flower initiation.** Providing key nutrients to a plant just before or at the onset of flower development ensures that each flower site have the most buds and helps set a plant up for a more uniform fruit set.

**Bioactive ingredients work with quality minerals to improve fruit set.** A proprietary kelp extract provides high levels of potassium and key organic acids that ensure each bud site has the inputs to increase flower development.

**Bud Fuel™ Pro is designed to complement Blossom Blaster™ Pro.** As key components in Bud Fuel™ Pro initiate flowers, ingredients in Blossom Blaster™ Pro, like boron, accelerate the plants flowering processes such as pollen tube elongation.

REFORMULATED



## BLOSSOM BLASTER™ PRO

1-4-0 | 1 ML/L  
125 ML, 500 ML, 1 L, 4 L, 10 L, 23 L  
EARLY FLOWER DEVELOPMENT

**High powered early flowering enhancer builds flower sites.** The most available form of phosphorous for plants, combined with chelated nutrients assist bud development for profuse blooming and feed growing flowers.

**Helps maximize cellular metabolism improving growth.** Unique carbohydrate chelate helps key minerals enter the plant more quickly maximizing cellular activity and plant growth.

**Increased results when combined with Bud Fuel™ Pro.** A synergy of mineral and organic acids, these products are both geared towards explosive early flowering in different ways and complement each other to the plants benefit.

NEW FORMULA



## KICK START™

5-8-5 | 2 ML/L  
500 ML, 1 L, 4 L  
EARLY GROWTH SOLUTION

**Designed for seedlings and young plants.** 4 times more concentrated than the previous version KickStart™ helps build root structure while protecting against over and under watering.

**Key organic extracts build a strong foundation for growth.** Early growth is key to higher yields the performance enhancing effects of kelp and alfalfa extract boost the mineral base letting young plants achieve their potential. Trace levels of yucca and quillaja push the formula even further.

**Excellent early choice before switching to Solotek Grow™.** Elevated levels of zinc and iron are essential for seedling and cutting development combined with quality phosphorous they enhance root development prior to later stage vegetative growth.

NEW FORMULA



## VITAMAX™ PRO

1-1-1 | 1 ML/L  
500 ML, 1 L, 4 L, 10 L, 23 L  
GROWTH ENHANCER

**Organic version of an industry classic.** A better choice for soil and soilless growers with high organic content and low molecular weight humic based chelates. This multi stage product can be used throughout the plants lifecycle.

**High quality low particulate kelp extract.** Different source of kelp than we use in our other formulas with increased mineralization as well as elevated levels of key organic acids.

**Fast acting amino acids.** Plant derived amino acids made available with a proprietary fermentation process provide fast acting nitrogen in available forms.

NEW FORMULA



## VITAMAX PLUS™

1-1-2 | 1-2 ML/L  
500 ML, 1 L, 4 L, 10 L, 23 L  
GROWTH ENHANCER

**More concentrated formula.** We have added more of the ingredients that make this formula an industry classic.

**Low levels of organic matter.** For those using water culture, the organic content of Vitamax™ Pro might be too high. Vitamax Plus™ offer a solution for those gardens.

**Enhances base nutrients.** With low molecular weight humates and amino chelated ingredients this vitamin supplement provides inputs necessary during rapid growth.

MORE CONCENTRATED



## MONSTER BLOOM™

0-50-30 | 0.1-0.2 G/L  
20 G, 130 G, 500 G, 2.5 KG, 5 KG, 10 KG  
CLASSIC BLOOM ENHANCER

**New look for the same great formula.** Monster Bloom™ has a reputation for its incredible results and that same great formula has a fresh new look.

**High quality inputs help plants during peak performance.** High grade inputs lead to the best solubility and the least contaminants meaning that plants get the most nutrition possible during critical flowering development

**Explosive results when used with Heavy Bud™ Pro.** Monster Bloom is designed to push flowers to their maximum leading to higher yields, while Heavy Bud™ Pro provides the boost to get the best quality locked in to the explosive yields from Monster Bloom.



## BLOSSOM BLASTER™

0-48-31 | 1 G / 10 L  
20 G, 130 G, 500 G, 1 KG, 2.5 KG  
FLOWERING STAGE

**Concentrated formula for early flower development.** Helps load nutrients in to developing flowering sites and a little goes a long way at only 0.1g per litre.

**High quality ingredients.** Plants don't need impurities and this formula uses a high grade mineral base full of nutrients flowering plants require.

**Increased results when combined with Bud Fuel™ Pro.** A synergy of mineral and organic acids, these products are both geared towards explosive early flowering in different ways and complement each other to the plant's benefit.

MORE CONCENTRATED



## GROWTH BOOSTER™

16-40-0 | 1 G / 10 L  
20 G, 300 G  
GROWTH STAGE

**Growth Booster™ is a mineral concentrate.** High quality mineral supplement designed to provide a boost of growth prior to the flowering stage.

**A fast acting source of nitrogen.** This formula will provide a greening effect within 24hrs of application helping provide plants with nitrogen prior to the blooming stage.

**High levels of phosphorous.** The elevated levels of phosphorous accelerate root growth and load phosphorous to plant nodes that will soon be developing lateral or terminal buds.

MORE CONCENTRATED



## CARBO MAX™

1-3-4 | 1 G / 4 L  
100 G, 300 G, 700 G, 2.5 KG  
SIMPLE ENERGY

**Enhances fruit production with quality potassium.** Potassium is a key nutrient, especially when plants have maturing fruit that use potassium to improve quality and shelf life of harvested yields.

**Carbohydrate rich monosaccharide base.** The carbohydrates in this formula can feed microbes around plant roots giving the plant usable energy to drive flower production to peak levels

**Highly soluble formula.** Completely water soluble this supplement is a great choice for water based systems.



## MONSTER GROW™ PRO

18-36-1 | 0.15 G/L  
20 G, 130 G, 500 G, 2.5 KG, 5 KG, 10 KG  
GROWTH ENHANCER

**Powerful growth supplement with redesigned formula.** Moving from 12-7-15 to 18-36-1 shifts the formula away from nitrates that can react with humidity in the air while still providing a powerful punch of nutrients formulated to supplement any fertilizer program.

**Highly soluble organic components.** Plant based amino acid hydrolysate provides a rapid nitrogen boost while soluble kelp extract delivers a powerful effect on roots and plant development.

**What Monster Bloom™ is to flowers, Monster Grow™ Pro is to roots and leaves.** high levels of nitrogen and phosphorous are optimized with the addition of soluble organics to give a true growth supplement.

NEW FORMULA



## BLACK PEARL™

1-1-2 | 4 G/L  
250 G, 1.5 KG  
SOIL SUPERCHARGER

**First engineered charcoal based supplement in our industry.** Unique physical properties developed at specific temperatures and oxygen levels to give an amorphous graphite with numerous benefits.

**Designed to improve soil quality and stimulate biology.** Think of the engineered char as a hard walled sponge that provides habitat for soil microbes to flourish and room for nutrients to collect.

**Highly mineralized. Charcoal is enhanced by mineralization coming from multiple source.** Many soil microbes thrive on minerals and can ensure they are in plant available forms right as your crop needs them.



## CAL MAX™

2-0-0 | 1 ML/L  
500 ML, 1 L, 4 L, 10 L, 23 L  
DEFICIENCY CORRECTOR

**Fast Acting Calcium.** During periods of rapid growth calcium can be a limiting factor. The calcium in this formula is rapidly available and fast acting to help plants achieve the best yields

**Key nutrients and chelates assist plants.** Beyond calcium this formula offers nitrogen, and a strong source of chelated Iron for a rich greening effect on plants. Improving overall structure and growth rates this formula is a very beneficial supplement to a standard feeding program.

**Excellent for conditioning coir.** As a source of both nitrogen and calcium this formula is a great choice for coir charging the media with necessary nutrients throughout the growing cycle.



## FINAL FLUSH™

2 ML/L  
1 L, 4 L

FERTILIZER RINSE SOLUTION

**Removes unwanted salts from growing media.** During periods of high growth it is possible for a plant to absorb more nutrients than required. Final Flush™ removes excess salt from the media

**Helps plants during critical pre-harvest period.**

By removing the excess salt from around the roots a plant is forced to metabolize any unconverted salts in its tissues leading to a cleaner end product full of natural tastes and aroma.

**Can be used for correction mid-cycle.** It is possible to add too much fertilizer while trying to achieve maximum yield which can have a negative effect on growing plants. In this case Final Flush can be used to pull nutrients away from roots giving plants a chance to rebalance.



## LXR BLACK™

0-0-1 | 2 ML/L  
500 ML, 1 L, 4 L, 10 L  
POTASSIUM SUPPLEMENT

**Humate based potassium supplement.** Quality high molecular weight humate that works well in soils and soilless media.

**High levels of organic matter.** Organic matter can help increase soil quality.

**Great addition to compost tea.** As a rich source of carbon LXR Black™ can provide a food source for microbes in the soil or in a tea brewing system.

\*CANADA ONLY



## LXR GOLD™

0-0-1 | 2 ML/L  
500 ML, 1 L, 4 L, 10 L, 23 L  
POTASSIUM SUPPLEMENT

**Humate based potassium supplement.** High quality water soluble low molecular weight humate that works well in water culture systems.

**Excellent foliar supplement.** Can help any foliar spray fertilizer be more effective by shuttling more of the nutrient where it's needed.

**Low levels of organic matter.** Organic matter can help increase soil quality. For higher levels of organic matter look to LXR Black™.

\*CANADA ONLY



## FISH PLUS™

5-1-1 | 10 ML/L  
500 ML, 1 L, 4 L, 10 L  
FISH BASED FERTILIZER

**High quality hydrolyzed fish.** An enzymatically digested product to ensure the highest quality nutrients and organic acids.

**Low sodium and oil content.** Makes sure that plants are getting the best parts of the fish without unnecessary sodium and oils that can reduce the efficacy of the product.

**For acid loving plants.** This formula works well with plants that prefer acidic soil and nutrient choices.

\*CANADA ONLY



## FISH PLUS BLOOM™

1-10-10 | 4 ML/L  
500 ML, 1 L, 4 L, 10 L  
FISH BASED FERTILIZER

**High quality hydrolyzed fish.** An enzymatically digested product to ensure the highest quality nutrients and organic acids.

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