

DYNA-GRO NUTRITION SOLUTIONS

Dyna-Gro

Providing Outstanding Plant Nutrients since 1983

SIMPLE TO USE

Our complete nutrition solutions and supplements will meet all your plants' nutrition needs. With Dyna-Gro®, you will have less measuring and mixing and less room for error. Your soil and hydroponic gardens will experience dramatic growth, from seed or seedling to harvest.

COMPLETE NUTRITION

Each of our complete nutrient formulations (Foliage-Pro®, GROW™, BLOOM™, Orchid-Pro™ & Bonsai-Pro™) has all 16 macro and micronutrients in one concentrated solution. No other manufacturer can claim to do the same. None of our nutrients contain urea which could harm your plants.

COST-EFFECTIVE

Our concentrated nutrition solutions are more cost-effective than watered-down, incomplete fertilizers and produce superior results. Whether you are growing from soil or soil-less hydroponics, our nutrients and supplements will give your product the edge they need to maximize your yield

COMPLETE PLANT PROTECTION

GROW™ 7-9-5

For Ornamentals, Vegetables & Herbs

GROW™ 7-9-5, is an all-purpose, nutritionally complete, formula that is used to promote both foliage and bloom growth. The N-P-K ratio of GROW will promote healthy leaf and stem growth your vegetables, fruit trees, houseplants and landscape. As with all our complete solutions, GROW is ideal for poor, rocky soils, hydroponics and container grown plants. It is a rapid cure for nutrient deficiencies and helps replenish lost minerals in poor and depleted soils. GROW is a complete formula for all gardeners who desire a slightly higher phosphorus to nitrogen ratio.

- Urea free and won't burn your plants.
- Supplies a high nitrate to ammoniacal nitrogen ratio to promote shorter internodal spacing resulting in stronger stems.
- Healthy leaf and stem growth.
- Ideal for poor, rocky soils, hydroponics and container grown plants. Note that hydroponics, in a broad sense, is growing without soil as you would find in your garden. Therefore, it is important to know that when you are growing in a container, the medium, whether coir or peat based is not soil. It provides no nutrients and, accordingly, is a form of hydroponics!
- GROW or other complete nutrients from Dyna-Gro is essential for maintaining healthy plants in any soil less medium. It is a rapid cure for nutrient deficiencies and helps replenish lost minerals in poor and depleted soils.

- Spend less time and money measuring and tweaking products with incomplete, watered-down fertilizers.

*GROW™ is **the one single complete formula for all gardeners on all plants.***

Application Rates

- Maintenance: Mix $\frac{1}{4}$ – $\frac{1}{2}$ tsp. per gallon of water with every watering.
- Production: Mix 1 tsp. per gallon of water, once a week.
- Monthly Feeding: Use 2 – 3 tsp. per gallon of water.
- Siphon Mixer: (1:15 ratio) Mix 2 – 4 fl. oz. per gallon of water for a concentrate feed solution.
- Irrigation Injector: (1:100 ratio) Mix 10 – 18 fl. oz. per gallon of water to make an injectable concentrate.
- Foliar Application: Mix $\frac{1}{4}$ – $\frac{1}{2}$ tsp. per gallon of water and spray directly of leaves.

For Cannabis

GROW™ 7-9-5 is an all-purpose complete nutrition formula containing all 6 essential macronutrients and all 10 essential micronutrients that every plant needs. It is used to promote both foliage and bloom growth.

Expect Superior Results:

- GROW is urea free and won't burn your plants.
- Supplies a high nitrate to ammoniacal nitrogen ratio to promote shorter internodal spacing resulting in stronger stems.
- Insures healthy leaf and stem growth.
- Ideal for poor, rocky soils, hydroponics and container grown plants. Note that hydroponics, in a broad sense, is growing without soil (dirt as you would find in your garden). Therefore, it is important to know that when you are growing in a container, the medium, whether coir or peat based is not soil. It provides no nutrients and, accordingly, is a form of hydroponics! GROW or other complete nutrients from Dyna-Gro are essential for maintaining healthy plants in any soil-less medium.
- Use as a rapid cure for nutrient deficiencies and to help replenish lost minerals in poor and depleted soils.
- Spend less time and money measuring and tweaking products with incomplete, watered-down fertilizers!
- GROW is the one single complete formula for all growers on all plants.

Application Rates for Cannabis

- Hydroponics: Mix 2 – 3 tsp. per gal. of water for recirculating systems or 1 – 2 tsp. per gal. for non-recirculating systems depending upon growing conditions.
- Siphon Mixer: (1:15 ratio) Mix 2 – 4 fl. oz. per gallon of water for a concentrate feed solution.
- Irrigation Injector: (1:100 ratio) Mix 10 – 18 fl. oz. per gallon of water to make an injectable concentrate.
- Foliar Application: Mix $\frac{1}{4}$ – $\frac{1}{2}$ tsp. per gallon of water and spray directly of leaves.
- For outdoor applications in soil, feed 1 – 2 tsp/gal with every watering.

Analysis

Total Nitrogen (N)___7.0%*	Magnesium (Mg)___0.5%*	Iron (Fe)___0.1%*
Ammoniacal (NH4)___2.6%*	Sulfur (S)___0.05%	Manganese (Mn)___0.05%*
Nitrate (NO3)___4.4%*	Boron (B)___0.02%	Molybdenum (Mo)___0.0009%*
Phosphorus (P2O5)___9.0%*	Chlorine (Cl)___0.1%	Nickel (Ni)___0.0001%
Potassium (K2O)___5.0%*	Cobalt (Co)___0.0015%*	Sodium (Na)___0.1%
Calcium (Ca)___2.0%*	Copper (Cu)___0.05%*	Zinc (Zn)___0.05%*

**Nutrients marked with an asterisk (*) are guaranteed in all states. The other minerals are at concentration levels which are ideal to achieve optimum crop growth but may be below levels to satisfy the labeling requirements of some state fertilizer laws.*

Testimonials

"If you're not using Dyna-Gro you're spending more and getting less! Best thing since CO2 and sliced bread! The results are unequivocal. I spend less than I ever have and my plants are healthier than I've ever seen anywhere and yields are up as well."

"I've been using Dyna-Gro Liquid GROW for a couple of weeks now. The difference is dramatic. Plants are much greener, and my garden has really taken off. The way things are going, I expect a record crop. I'm applying GROW through an EZ-FLO 3/4 Gallon Hose Bib Fertilizing Injection System that goes between the hose bib and the hose. Highly recommended."

"I probably have 10 different brands and types of fertilizers. I kept reading on the forums about how good this stuff is. It is Amazing stuff. Just a week after the first use I have new growth. And the leaves have that nice cup shape that often indicates perfect balance. You can make over 100 gallons from just 1 quart."

"Complications, additional requirements and strict feeding requirements left my plants looking like stray cats with mange. I eventually went back to 'finishing off' my Dyna-Gro products (GROW, BLOOM, Pro-Tekt) and low and behold, with no effort beyond basic watering, my ladies went from sickly to sophisticated almost overnight. It's been about 4 weeks since I added this product to the basic three and I couldn't be happier with the results. Dyna-Gro does it all, and for those of us with busy professional lives, it makes caring for our plants quick and easy."

"I'm not the kind of guy who writes manufacturers of any type; this is a first. I just wanted to tell you I have been using your product for over 20 years now and wanted to let you know how satisfied I am. In this age of ridiculous 14 part nutrient systems that contain rare comet pixie dust and gland of walrus extract, I have to laugh. Many of my friends ask me how my medical grows are so fantastic, with massive size, no discoloring and fantastic taste. They ask what expensive nutrients I use, and I laugh. I use Dyna-Gro GROW for veg and Dyna-Gro BLOOM for flowering with these complicated instructions: Shake bottle well, fill up a cap full for each gallon, done. I have made many converts; you may have to cut me in on some coupons or such some day (lol). Anyway, just wanted to give you an 'ataboy'. Take care and keep up the quality product. Adam."

“GROW™ exceeded all expectations we had for a liquid fertilizer. We used this product on cactus, tulips, roses, spider plants and the growth was amazing. We will be looking for other products from Dyna-Gro™ at our local nursery.” National Home Gardening Club

“I recommend Dyna-Gro GROW to anyone who’s interested in having a beautiful green and healthy lawn. Our grass is a beautiful true green color when compared to the rest of the lawns on our block.”

“This product shocked me with the results! I am an avid Miracle-Gro® user, so I was very pleased when the results were immediately noticeable on my plants. After using GROW and Mag-Pro® they were greener and healthier looking almost overnight. I’m not easily convinced by new products, but this is fantastic stuff!”

“The GROW did wonders to several of my long dormant plants. My topiary that was turning brown has all new growth on it. In as little as a week I could see drastic improvement.”

BLOOM™ 3-12-6

For Ornamentals, Vegetables & Herbs

BLOOM™ 3-12-6 is a low nitrogen, high phosphorus plant nutrient formula containing all 6 essential macronutrients and all 10 essential micronutrients.

- Supplies a balance of high nitrate to ammoniacal nitrogen ratio needed to avoid stem elongation in flowering plants and vegetables.
- Specifically formulated to encourage the development of large fruit and vegetables, while providing complete plant nutrition.
- It is ideal for tomatoes, all fruits, all vegetables, herbs and flowering plants.
- Apply BLOOM before flower buds appear to help initiate and sustain flowering.
- When applied, the nutrients in BLOOM are immediately available, giving your plants the ability to access the nutrients they need in critical times.

Recommended Crops:

- All blooming and flowering plants like alpinia, begonias, gerbera daisies, gardenias, geraniums, and roses.

Application Rates

- Maintenance: Mix $\frac{1}{4}$ – $\frac{1}{2}$ tsp. per gallon of water with every watering.
- Production: Mix 1 – 2 tsp. per gallon of water with every watering.
- Monthly Feeding: Use 2 – 3 tsp. per gallon of water.
- Siphon Mixer: (1:15 ratio) Mix 2 – 4 fl. oz. per gallon of water for a concentrate feed solution.
- Irrigation Injector: (1:100 ratio) Mix 10 – 18 fl. oz. per gallon of water to make an injectable concentrate.
- Foliar Application: Mix $\frac{1}{4}$ – $\frac{1}{2}$ tsp. per gallon of water and spray directly of leaves.

For Cannabis

BLOOM™ 3-12-6 is specifically formulated to be used during the flowering stage. Begin using BLOOM before your plants decide to shift into the flowering phase.

- A lower level of nitrogen will help reduce stem elongation and invigorate cola zones (budding area) to promote dense, vibrant flowering buds.
- High levels of phosphorus and potassium push production of resinous, potent and sticky flowers.
- When applied, the plant nutrients in BLOOM are immediately available, giving your plants the ability to access all the minerals they need for optimum production.
- Ample levels of calcium, no need to supplement with a Cal-Mag product.
- Use with either complete base nutrient Foliage-Pro® or GROW™ to regulate nitrogen levels for best quality and quantity.
- Excellent for all indica, hybrid, and sativa strains.
- **Maximum, dense healthy bud growth!**

Application Rates for Cannabis

- Hydroponics: Mix 2 – 3 tsp. per gal. of water for recirculating systems or 1 – 2 tsp. per gal. for non-recirculating systems depending upon growing conditions.
- Siphon Mixer: (1:15 ratio) Mix 2 – 4 fl. oz. per gallon of water for a concentrate feed solution.
- Irrigation Injector: (1:100 ratio) Mix 10 – 18 fl. oz. per gallon of water to make an injectable concentrate.
- Foliar Application: Mix ¼ – ½ tsp. per gallon of water and spray directly of leaves.
- For outdoor applications in soil, feed 1 – 2 tsp/gal with every watering.

Analysis

Total Nitrogen (N)___3.0%*	Magnesium (Mg)___0.5%*	Iron (Fe)___0.1%*
Ammoniacal (NH4)___0.7%*	Sulfur (S)___0.09%	Manganese (Mn)___0.05%*
Nitrate (NO3)___2.3%*	Boron (B)___0.02%	Molybdenum (Mo)___0.0009%*
Phosphorus (P2O5)___12.0%*	Chlorine (Cl)___0.1%	Nickel (Ni)___0.0001%
Potassium (K2O)___6.0%*	Cobalt (Co)___0.0015%*	Sodium (Na)___0.1%
Calcium (Ca)___ 2.0%*	Copper (Cu)___0.05%*	Zinc (Zn)___0.05%*

**Nutrients marked with an asterisk (*) are guaranteed in all states. The other minerals are at concentration levels which are ideal to achieve optimum crop growth but may be below levels to satisfy the labeling requirements of some state fertilizer laws.*

Testimonials

"This is truly the best product I have used on my indoor and outdoor container plants. I am definitely sold on this product. Within a week we could see major improvements in flowers and vegetables after the first application using Foliage-Pro and BLOOM."

"This is the best plant food I have ever used. My African Violets went crazy after one feeding. They are blooming like crazy, even one that has never bloomed before. Dyna-Gro™ is amazing!"

"I love BLOOM, I've used it for years! Best product that I've used so far. Love It!"

"Thank you for another summer of hibiscus plants with huge blooms and deep green glossy leaves! Your products are just over the top and really deliver!"

"Simply amazing products! We have tested Dyna-Gro up against 7 different brands so far and Dyna-Gro GROW and BLOOM ALWAYS seems to come out on top! We have since switched to ALL Dyna-Gro products for our hydroponic systems." BioMatrixSystems

"Works like a charm. Buds are just forming, waiting for them to flower! I use the instructed ¼ tsp per gallon. Certainly a very small amount but it packs a big punch. This bottle should last me quite some time since I only use about 3 – 4 gallons per watering."

"I have had nothing but great results with Dyna-Gro BLOOM. It has helped produce fabulous buds that are fat and sticky, and just about ready to be harvested."

"Complications, additional requirements and strict feeding requirements left my plants looking like stray cats with mange. I eventually went back to 'finishing off' my Dyna-Gro products (GROW, BLOOM, Pro-TeKt) and low and behold, with no effort beyond basic watering my ladies went from sickly to sophisticated almost overnight. It's been about 4 weeks since I added this product to the basic three and I couldn't be happier with the results. Dyna-Gro does it all, and for those of us with busy professional lives, it makes caring for our plants quick and easy."

"Great product and an even better price!!"

PROPAGATION

Root-Gel®

Root-Gel® is a unique gel used to promote root formation in the propagation of cuttings. Contains both IBA and NAA hormones plus the right amount of essential minerals in a water soluble gel to get cuttings off to a great start.

- In tests conducted by a leading Hawaiian foliage propagator, cuttings propagated in Root-Gel rooted out and doubled in size, while cuttings propagated with a leading powder were still forming roots.
- Since Root-Gel comes in a gel form, it applies quickly, easily and thoroughly, surrounding the cutting with a thick coating of protective nutrient.
- Dip or apply gel and place in rooting or growing medium.
- After the coated cutting is inserted into your growing medium, the Root-Gel spreads into the surrounding medium to serve as a temporary root system for the cutting.
- It has been proven that Root-Gel interfaces between the plant and soil delivering water and minerals to the plant during the critical stage of callus formation. Root-Gel can also be diluted for use as an economical protective dip for shipping bare-root stock.

Application Rates:

- Cuttings: Take a sterile spoon and scoop Root-Gel® onto a sterile dish, then dip cutting. If using the entire container, dip cutting into gel. Place in a hole of the rooting medium to avoid rubbing Root-Gel® off cutting.

Recommended Crops:

- Recommended for all plants.

Chemical Analysis

- Indole-3-butyric acid (IBA)___ 0.216%
- 1-Napthaleneacetic acid (NAA)___ 0.027%
- Other Ingredients___ 99.757%

Testimonials

"This product has about a 95% success rate for me. As good as, if not better than Clonex and costs less! Great product."

"Easy to use and very effective. Cuttings root easily and I would recommend this product for easiest rooting prep."

"I love this gel for rooting my flowers, it is thick and stays on the plant unlike the powder. I have 99% success with this product. I recommend this product to all gardeners who like to root their own flowers."

"The gel clings to the cuttings and seems to do a great job with a much better success rate than using rooting powders. A little goes a very long way."

SUPPLEMENTS

Pro-TeKt® 0-0-3 The Silicon Solution®

Pro-TeKt® 0-0-3, The Silicon Solution® is a supplement that supplies silicon and higher potassium levels to build stronger plant cell walls.

- Since silicon does not trans-locate within the plant, it must be applied and made available continually throughout its life cycle.
- In hydroponics, Pro-TeKt is a replacement for the silica typically found in soils, though those natural levels provide only slight benefits to plants.
- Plants supplied regularly with Pro-TeKt experience increased rates of growth and stronger stems.
- Deposited in a hard, opaline form in the epidermis of leaves and stems, silicon adds mechanical strength and supports plants' natural defenses against insects and fungal infection.
- Plants become more tolerant to drought, heat, and cold stresses and will support the weight of dense, heavy buds.
- Pro-TeKt can be used as a surfactant and to raise pH. Pro-TeKt® The Silicon Solution® is recommended for all plants.

Article: How using Potassium Silicate will give you more THC Trichomes

<https://bigbudsmag.com/marijuana-growers-use-potassium-silicate-br-to-get-more-thc-trichomes/>

Application Rates for Cannabis

- Hydroponics: Mix ½ to 1 tsp. per gallon of water for recirculating systems.
- Siphon Mixer: (1:15 ratio) Mix ½ to 2 fl. oz. per gallon of water for a concentrate feed solution.
- Irrigation Injector: (1:100 ratio) Mix 8-10 fl. oz. per gallon of water to make an injectable concentrate. Apply Pro-TeKt® separately when using a single head injector.
- Foliar Application: Mix ¼ to ½ tsp. per gallon of water and spray directly of leaves.
- For outdoor applications in soil, feed 1 – 2 tsp/gal with every watering.

Note: Because a high pH is required to keep Pro-TeKt® in solution, the concentrate cannot be mixed with any acidic fertilizer. Therefore, apply Pro-TeKt® separately when using a single head injector.

Product Testimonials

“When we had spoke 2 weeks ago you had told me to try a little bit of a KLN and the Pro-Tekt for rooting. Attached are some pictures of the results. These pictures were taken at 1 week and 6 days from my initial cut off of the mother plant. Awesome results! I Saw white root tips as early as 1 week and 2 days and in 4 more days you can see where they are now. Thank you so much for the tip and all of the help.” Walter Peters

“This year we trialed Pro-Tekt on our crop of ornamental Hydrangeas for the Garfield Park Conservatory. We were very pleased with the results. There were significant visual improvements in the quality of our finished product. Specifically, a dramatic reduction in powdery mildew which we had problems controlling in previous years with other products.” Neil Gilbert, Floriculturist Foreman, Garfield Park Conservatory

“I feel obligated to shout out to Dyna-Gro products for working as advertised! Had a malfunction in the tent today and temps hit 100 degrees. Luckily I consistently feed my ladies Pro-TeKt,

which helps manage stress during temperature swings! Well it definitely helped today, shortly after I fixed the situation my ladies were all praying just as hard as they usually do. Thank you Dyna-Gro™.” Max Yield

Dyna-Gro is the simplest, easiest to use, least expensive, and most effective line I have ever used now that I have gotten everything tuned in with the addition of those few select products. I spend hundreds less on my nutes, spend way less time mixing solutions, and I am getting better results than ever before!”

“I strongly encourage people to try this recipe as well as using the base nutes and Pro-Tekt in your own regimens and see the difference it makes. Dyna Gro is the standard for research at universities for a reason.” Joe

“Excellent product. Helps to hold the bud weight and works wonders on ALL my plants!”
Instagram user

“The Dyna-Gro bay was producing plants that were stronger and more resistant to disease thanks to the Pro-Tekt. This is some really really good stuff! Hands down the best silicate on the market. I'll use it from here on out on all my plants at every stage of growth, be it indoor, outdoor, or greenhouse.”

Mag-Pro® 2-15-4

For Ornamentals, Vegetables & Herbs

Mag-Pro® 2-15-4 is a supplement high in phosphorus, magnesium, and sulfur.

This unique plant supplement can be used with any complete nutrition formula as a blossom booster to help initiate flowering and develop large, vibrant, fragrant flowers, fruit, and vegetables.

The nutrients in Mag-Pro® are immediately available, giving your plant the ability to access the nutrients they need at the critical times of flower formation to ensure massive growth, enhanced flavors, and aroma.

Growers using reverse osmosis, rain or de-ionized water will benefit from the addition of Mag-Pro® throughout their plants' growth cycle.

Mag-Pro is THE blossom booster for growers looking to maximize the beauty and value of their crop.

Application Rates

HYDROPONIC PRODUCTION:

- Use 1-2 Tsp. per gallon of water for recirculating systems or 1/2 Tsp. per gallon for non-recirculating systems.

CONTINUOUS FEEDING: (every watering)

- Hand Watering: Mix 1/4 to 1/2 Tsp. per gallon of water.
- Siphon Mixer: (1:15 ratio) Mix 2/3 to 1 fl. oz. per gallon of water for a concentrate feed solution.

- Irrigation Injector: (1:100 ratio) Mix 4 to 8 fl oz per gallon of water to make an injectable concentrate.

INTERMITTENT APPLICATION: (every 2-4 waterings)

- Hand Watering: Mix 1/2 to 1 Tsp. per gallon of water.
- Siphon Mixer: (1:15 ratio) Mix 2 to 4 fl. oz. per gallon of water for a concentrate feed solution.
- Irrigation Injector: (1:100 ratio) Mix 10 to 15 fl oz per gallon of water to make an injectable concentrate.

Always use Mag-Pro in conjunction with a Dyna-Gro Complete Nutrient Formula.

NOTE: 1/2 Tsp. per gal = 1:1500

RECOMMENDED CROPS: Mag-Pro® 2-15-4 is recommended for all vegetable, herb, and fruit crops.

For Cannabis

Mag-Pro® 2-15-4 is a concentrated blossom booster designed to help plants initiate flowering and develop large, vibrant, aromatic blooms.

Mag-Pro provides high levels of phosphorus, magnesium, and sulfur to pack on enormous weight during the flowering cycle while enhancing color, resin production, fragrance, and flavor in your valuable flowers.

The nutrients in Mag-Pro are immediately available, giving your plants the ability to access the nutrients they need at the critical times of flower formation to ensure massive growth and enhanced flavor and aroma through increased production of essential oils, terpenes, and flavonoids.

Growers using reverse osmosis, rain, or deionized water will benefit from adding Mag-Pro.

Use Mag-Pro instead of a calcium/magnesium supplement because there is ample calcium in all complete Dyna-Gro nutrient formulas. Those supplements do not have the sulfur, phosphorus, and potassium found in Mag-Pro.

Mag-Pro is THE blossom booster for growers looking to maximize the beauty and value of their crop.

Application Rates

HYDROPONIC PRODUCTION:

- Use 1-2 Tsp. per gallon of water for recirculating systems or 1/2 tsp. per gallon for non-recirculating systems.

CONTINUOUS FEEDING: (every watering)

- Hand Watering: Mix 1/4 to 1/2 tsp per gallon of water.
- Siphon Mixer: (1:15 ratio) Mix 2/3 to 1 fl. oz. per gallon of water for a concentrate feed solution.
- Irrigation Injector: (1:100 ratio) Mix 4 to 8 fl oz per gallon of water to make an injectable concentrate.

INTERMITTENT APPLICATION: (every 2-4 waterings)

- Hand Watering: Mix 1/2 to 1 tsp per gallon of water.
- Siphon Mixer: (1:15 ratio) Mix 2 to 4 fl. oz. per gallon of water for a concentrate feed solution.
- Irrigation Injector: (1:100 ratio) Mix 10 to 15 fl oz per gallon of water to make an injectable concentrate.

Always use Mag-Pro in conjunction with a Dyna-Gro Complete Nutrient Formula.

NOTE: 1/2 tsp. per gal = 1:1500

Recommended Crops: Mag-Pro 2-15-4 is excellent on all indica, hybrid, and sativa strains.

Analysis

Total Nitrogen (N)	2.0%
1.1% Ammoniacal Nitrogen	
0.9% Nitrate Nitrogen	
Available Phosphate (P2O5)	15.0%
Soluble Potash (K2O)	4.0%
Magnesium (Mg).	2.0%
2.0% Water Soluble Magnesium (Mg)	
Sulfur (S)	1.5%
1.5% Combined Sulfur (S)	

Derived from magnesium nitrate, potassium nitrate, monoammonium phosphate, monopotassium phosphate and magnesium sulfate.

Testimonials

"I have been growing orchids for almost 40 years and have about 2,000 plants including cattleya, phalaenopsis, oncidium, dendrobium and about 150 varied species. After using Dyna-Gro® for a complete annual growing cycle, I was astonished at the longevity of each bloom. Before Dyna-Gro® the average life of a cattleya bloom was 3 –4 weeks. With Dyna-Gro®, bloom life is 6 – 8 weeks. I use Mag-Pro® 2-15-4 for one watering each week and alternate between Orchid-Pro® 7-8-6 and Foliage-Pro® 9-3-6." White House Orchids

"This product shocked me with the results! I am an avid Miracle-Gro® user, so I was very pleased when the results were immediately noticeable on my plants. After using GROW™ and Mag-Pro® they were greener and healthier looking almost overnight. I'm not easily convinced by new products, but this is fantastic stuff!"

"Red and blue flowers and foliage love this stuff. I give it to my roses at least once a month. My barberry bush loves it too. I have a blue juniper that really turns blue tones. I also have a red banana plant this year and it is taking off. Gorgeous leaves, beautiful color, and such a nice yummy treat for those particular plants that need the extra magnesium. Highly recommended"

"This is the best plant food I have ever used. My African Violets went crazy after one feeding. They are blooming like crazy, even one that has never bloomed before. Dyna-Gro® is amazing!"

Dyna-Gro ZYME™

Dyna-Gro ZYME™ is designed to cleanse your plants roots, soil, media and hydroponic systems of plant exudates, bio-film, sludge, slime and algae.

- Dyna-Gro ZYME is a one part blend of proprietary enzymes.
- Works in conjunction with mycorrhizae and beneficial bacteria to break down nutrients, organics, sweeteners, carbohydrates and dead plant material.
- This clears the pores of the roots allowing for vigorous nutrient uptake into the plant.
- It is naturally brewed with certified organic and food grade ingredients.
- Dyna-Gro ZYME is 100% pure enzymes with no bacteria, oils, detergents, soaps, surfactants, chlorine, hydrogen peroxide, colloidal silver or harsh chemicals that can hurt your plants or microbes.

Application Rates:

- Use 1 tsp. per gallon of water at each or every other watering. Reapply with every nutrient change.

Recommended Crops:

- All plants in hydroponic and aquaponic systems as well as soil.

Neem Oil

Dyna-Gro's® pure, organic, cold pressed Neem Oil comes directly from the seeds of Indian neem tree.

- In India, products from the neem tree have been used for thousands of years for a variety of applications including their horticultural and medicinal benefits.
- Neem Oil leaf polish should be applied early or late in the day as hot sunlight may cause leaf burn.
- Neem Oil may be applied as a foliar spray.
- A mild dish washing liquid soap or other surfactants should be used to emulsify Neem Oil so it can be sprayed on plants.
- Warm or hot water will facilitate getting Neem Oil into suspension for a spray.

Application Rates

- Mix 1½ Tsp. Per quart of water (1 oz./gal.), plus ½ tsp. of Pro-TeKt® or mild liquid dish soap per quart of water (2 tsp./gal.) as an emulsifier. Shake well.
- Neem Oil may solidify at cooler temperatures. Store above 65° F and below 95° F. If oil thickens, place the bottle in hot water.
- Spray the diluted solution generously on all leaf surfaces, including the undersides. Use once every 2 – 4 weeks. Apply early morning or late afternoon.
- Do not apply Neem Oil in direct sunlight. Always spot test plants first for sensitivity to sprays.

Recommended Crops:

- All plants and trees.

