

RAW soluble™



100% SOLUBLE
NO FILLERS, NO DYES

Distributed by Easy Grow, for more product information, please visit
www.npk-industries.com

Growth

NITROGEN

100% SOLUBLE POWDERED NITROGEN

NPK: 20-0-0

Nitrogen promotes plant growth.

Nitrogen is part of every protein in the plant - making it a requirement for every process of the plants growth.

Nitrogen is part of the chlorophyll molecule and is involved in creating food for the plant through photosynthesis.



Roots

PHOSPHORUS

100% SOLUBLE POWDERED PHOSPHORUS

NPK: 9-61-0

Phosphorus is important in cell division and development of new tissue.

Promotes root growth and winter hardiness and often hastens maturity.

Plants deficient in Phosphorus are stunted in growth and often have an abnormal dark-green colour.



Resistance

SILICA

100% SOLUBLE POWDERED SILICA

Silica increases your plants resistance to pathogens and is pH neutral.

Silica is used when a plant incorporates it into it's cell walls, acting as a barrier against invading fungi, significantly reducing and, in many cases eliminating the need to use any fungicides.

Increases growth rates with thicker cell walls, bigger stems and branches.



Surfacant

YUCCA

100% SOLUBLE POWDERED YUCCA

Helps water and nutrients penetrate deeper in to the root zone. Alongside that, it creates a stable carbon source for plant growth promoting micro-organisms in the root zone.

It has a natural cleaning action, which will help keep drip emitter lines from clogging.

Allows foliar sprays to spread out more evenly on the waxy leaf surfaces.



Tech Grade

ENZYMES

UNCUT, TECH GRADE ENZYMES

Active ingredients are Cellulase, Xylanase and Beta-Glucanase - with no fillers or dyes.

RAW Enzymes are soluble and compatible with all nutrient programs from hobby to professional, soil to hydroponics.



AMINO ACIDS

UNCUT, TECH GRADE AMINO ACIDS
NPK: 7-0-0

Derived from L-Glycine and L-Glutamic acid - with no fillers or dyes.

RAW Amino Acids are soluble and compatible with all nutrient programs from hobby to professional, soil to hydroponics.

Flower

POTASSIUM

100% SOLUBLE POWDERED POTASSIUM

NPK: 0-0-50

Potassium is great for boosting flower production and stimulating early growth.

It also increases protein production and the efficiency of water-use.

It can also improve the resistance your plants have against diseases and insects.



Power

KELP

100% SOLUBLE POWDERED KELP

NPK: 0-0-1

Kelp is rich in natural plant growth hormones and beneficial trace elements.

It helps stimulate rooting, resulting in the production of greater root mass.

Makes the plants uptake of water and minerals better - leading to a healthier and more stress resistant plant.



Stress Relief

B-VITAMIN

100% SOLUBLE POWDERED B-VITAMIN

Adding B-Vitamins directly to the nutrient solution helps the plant recover from stress much faster, stimulating the plant to keep growing instead of going semi-dormant.

B-Vitamins helps plants to recover from transplant shock - giving the plant a needed boost, often reducing transplant shock from weeks to a matter of days.



Chlorophyll

CAL/MAG

100% SOLUBLE POWDERED CAL/MAG

NPK: 9-0-0

Calcium and Magnesium are essential macro-elements, used in relatively large quantities.

Extra Magnesium used during the growth of your plant can be helpful for fruiting and flowering.

Magnesium also activates many enzymes that can perform thousands of chemical reactions per second.



Complete Blends

COMPLETE GROW

100% SOLUBLE COMPLETE GROW BLEND

NPK: 7-4-5

A tested blend of all 12 RAW Soluble plant nutrients, essential elements and supplements.

RAW Complete Grow is an optimal all-in-one blend to be used throughout the **vegetative stage** of your grow.



COMPLETE BLOOM

100% SOLUBLE COMPLETE BLOOM BLEND

NPK: 3-12-12

A tested blend of all 12 RAW Soluble plant nutrients, essential elements and supplements.

RAW Complete Bloom is an optimal all-in-one blend to be used throughout the **flowering stage** of your grow.

INDIVIDUAL SUPPLEMENTS, MAXIMUM CONTROL

Chelate

HUMIC ACID

100% SOLUBLE POWDERED HUMIC ACID

NPK: 0-0-4

Humic Acid allows for the chelation of micro-nutrients, increasing their bio-availability.

Increases root vitality, along with the plants nutrient uptake and fertiliser retention.

Humic Acid gives the plant increased chlorophyll synthesis, creating overall healthier plants and improved yields.



Terpenes

RAW TERPZ

100% SOLUBLE POWDERED PLANT NUTRIENTS

NPK: 0-0-22

RAW Terpz is formulated to maximise essential oil production. Use with every feeding during all stages of plant growth.

Terpz is compatible with all growing media and nutrient programs.



Uptake

FULL UP

100% SOLUBLE POWDERED FULL UP

Full Up stimulates the metabolism of your plant during it's growth. It enhances cell division and elongation, improves the uptake of nutrients and magnifies root growth.

As a foliar spray - Full Up will increase the plant's oxygen uptake capacity.

It also helps dissolve minerals and trace elements.



Sugars

CANE MOLASSES

100% SOLUBLE POWDERED CANE MOLASSES

NPK: 0-0-1

Sugars feed micro-organisms in the soil directly, allowing the plant to conserve it's energy for increased productivity, quality & yield.

In return, the micro-organisms produce growth hormones, amino acids, B-vitamins and other important bio-stimulants.

Cane Molasses is an excellent carbon source when making compost teas.



Microbes

MICROBES GROW

GROW STAGE MICROBES

Grow stage Microbes are a specific group of beneficial bacteria and fungi formulated specifically for the **Grow/Vegetative** stage of plants.

Innoculate seedlings and established vegetative plants with the highest CFU's on the market!

All RAW Microbes are double tested, both the individual culture/species as well as the final blend.



MICROBES BLOOM

BLOOM STAGE MICROBES

Bloom stage Microbes are a specific group of beneficial bacteria and fungi formulated specifically for the **Flower/Bloom** stage of plants.

Innoculate flowering and fruiting plants with the highest CFU's on the market!

All RAW Microbes are double tested, both the individual culture/species as well as the final blend.

GROW/VEGETATIVE STAGE

ALL VALUES ARE PER 100 LITRES

	WEEK 1	WEEK 2	WEEK 3	WEEK 4
NITROGEN	18.7g	37.5g	37.5g	37.5g
PHOSPHORUS	17.5g	17.5g	17.5g	17.5g
POTASSIUM	12.5g	12.5g	12.5g	12.5g
KELP	5g	5g	5g	5g
HUMIC ACID	5g	10g	10g	10g
SILICA	6.25g	13.75g	13.75g	13.75g
YUCCA	1.5g	1.5g	1.5g	1.5g
B-VITAMIN	7.5g			15g
CAL/MAG		27.5g	55g	55g
FULL UP		3.75g	7.5g	7.5g
CANE MOLASSES		5.5g	5.5g	11.25g
MICROBES GROW	50g - 100g	50g - 100g	50g - 100g	50g - 100g
ENZYMES	6.25g	6.25g	6.25g	6.25g
AMINO ACIDS	31.25g	31.25g	31.25g	31.25g
RAW TERPZ	125ml - 250ml	125ml - 250ml	125ml - 250ml	125ml - 250ml

BLOOM/FLOWERING STAGE

ALL VALUES ARE PER 100 LITRES

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