

NEW EARTH CUSTOM BLEND NUTRIENTS FERTILIZER SCHEDULE

Amounts Per US Gallon

KEEP IT SIMPLE!

	Clones/ Seedlings 300 - 500 ppm	Transplant 500 - 800 ppm	Vegetative 700 - 1100 ppm	Bloom & Fruiting 700 - 1400 ppm	Ripening 700 - 1400 ppm	Flush
CUSTOM GROW	0	1/2 teaspoon	1- 2 teaspoons	0	0	0
CUSTOM BLOOM	1/2 teaspoon	1/2 teaspoon	0	1 - 2 teaspoons	1 - 3 teaspoons	0
SMART TEA	1 teaspoon	1 teaspoon	1- 2 teaspoons	2 teaspoons	2 - 4 teaspoons	0

LET'S DO THIS!

	Clones & Seedlings 300 - 500 ppm	Transplant 500 - 800 ppm	Vegetative 700 - 1100 ppm	Bloom & Fruiting 700 - 1400 ppm	Ripening 700 - 1400 ppm	Flush
ROOT	1.5 ounces	4 teaspoons	0	0	0	0
CUSTOM GROW	0	1/2 teaspoon	1- 2 teaspoons	0	0	0
CUSTOM BLOOM	0	1/2 teaspoon	0	1 - 3 teaspoons	1 - 3 teaspoons	0
SMART TEA	1 teaspoon	1 teaspoon	1- 2 teaspoons	1 - 2 teaspoons	2 - 3 teaspoons	0
BODY BUILDER	1/2 teaspoon	1/2 teaspoon	1 teaspoon	1 teaspoon	1 teaspoon	0
BLOOM BUILDER	0	0	0	1 teaspoon	1 teaspoon	0
PREPOSTEROUS PHOSPHORUS	0	0	0	0	1/4 teaspoon	0
CAL-MAG	1/2 teaspoon	1/2 teaspoon	1 teaspoon	1 teaspoon	0	0

ALL IN!

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ROOT	1.5 ounces	4 teaspoons	0	0	0	0
CUSTOM GROW	0	1/2 teaspoon	1- 2 teaspoons	0	0	0
CUSTOM BLOOM	0	1/2 teaspoon	0	1 - 3 teaspoons	1 - 3 teaspoons	0
SMART TEA	1 teaspoon	1 teaspoon	1- 2 teaspoons	1 - 2 teaspoons	2 - 3 teaspoons	0
BODY BUILDER	1/2 teaspoon	1/2 teaspoon	1 teaspoon	1 teaspoon	1 teaspoon	0
BLOOM BUILDER	0	0	0	1 teaspoon	1 teaspoon	0
PREPOSTEROUS PHOSPHORUS	0	0	0	0	1/4 teaspoon	0
CAL-MAG	1/2 teaspoon	1/2 teaspoon	1 teaspoon	1 teaspoon	0	0
HUMIC	1 teaspoon	1 teaspoon	1- 2 teaspoons	1- 2 teaspoons	0	0
CLEAREX	Some crops will benefit from using this clearing agent 3 - 7 days before harvest. Hydro, use every other reservoir change. Soil, use once monthly.					2 teaspoons
HYDROGUARD	Use at recommended rates to prevent root disease and encourage healthy feeder roots in hydroponic systems or soil.					0



COMPLETE PLANT NUTRITION

Every New Earth Custo Blend complete nutrient formula contains all seven essential macronutrients and all ten essential micronutrients required by plants for optimum growth in any media. Great for soil, coco, and all hydroponic applications. Excellent for use with injectors and automatic mixing systems.

Custom Grow 7-9-5 is our urea free, all purpose, complete nutrition formula used to promote outstanding, aggressive foliage and vegetative growth. Urea free means you can use Custom Grow at every watering without flushing or leaching. Rapidly cure nutrient deficiencies with Custom Grow. If you are looking for a single formula to use on all your plants, all the time, Custom Grow will do the job.

Custom Bloom 3-12-6 is our low nitrogen, high phosphorus nutrient specifically formulated to encourage the development of large, vibrant, blooms. Our high ratio of nitrate to ammoniacal nitrogen promotes shorter, stockier plants and reduces stem elongation. Apply prior to first buds appearing to help initiate flowering and promote more flowering, earlier.

Body Builder 0-0-3 contains high levels of potassium and silicone to build stronger plant cell walls. Body Builder will reduce disease and insect problems, increase stem strength and increase photosynthesis. Use as a supplement with any complete nutrient on all plants.

Bloom Builder 2-15-4 is a unique supplement is high in phosphorus, magnesium, and sulphur. It is formulated to be used with any complete nutrient to boost color, size, weight and fragrance of flowers. This is a proven addition for boosting yields.

Preposterous Phosphorous 9-59-6 will help your plants produce the largest and most beautiful blooms possible to it's variety. This supplemental nutrient will provide your plants with blooms of exceptional size, color and long life. With hydroponics, use along with your complete bloom program at 1/4 teaspoon per gallon. In soil, use as a stand alone fertilizer, using 1 teaspoon per gallon at every watering, or as a supplement to your complete nutrient schedule.

Smart Tea is our own 100% organic supplement that is proven to enhance flowering and fruit set, encourage deeper and larger root systems, increase resistance to pests, heat, drought, and cold.

Root Builder Best roots possible means best fruits possible. Don't neglect your roots! Our tried and true rooting solution contains both IBA and NAA hormones to promote vigorous root growth. Use as a root simulant for all growing media, in clone machines, and for air layering and transplanting. A must for saturating your grow cubes, rockwool or super starter plugs before using your favorite cloning gel on your cuttings!

Max Clone is the "mother" solution of our popular Root Builder. Same great solution, just four times as concentrated. We have a loyal following for each, some like it more diluted, others prefer the concentrate.

HOW THE MICRO AND MACRO NUTRIENTS AFFECT PLANT GROWTH AND HOW TO IDENTIFY DEFICIENCIES

Nitrogen (N) Promotes strong stem and leaf growth. Deficiencies include yellowing of leaves, stunted growth, and reduced yields. Excess nitrogen can delay fruiting and flowering.

Phosphorus (P) Enables seed germination, photosynthesis, protein formation, overall growth and metabolism, flowering and fruit formation. Large amounts without zinc causes zinc deficiency. Low pH (<4) ties up phosphates in soil.

Postassium (K) Formation of sugars, carbohydrates, proteins, cell division. Adjusts water balance, improves stem sturdiness and cold hardiness, improves flavor, color, and oil content of fruits. Signs of deficiency include spotted, curled, or burned look to leaves; lower yields.

Calcium (Ca) Activates enzymes, structural part of cell walls, cell growth and division, and water movement. Required for uptake of nitrogen and other minerals. Requires constant supply for growth. Deficiency symptoms include stunting of new growth in stems, flowers and roots; black spot on leaves and fruit, and yellow leaf margins.

Magnesium (Mg) Critical component of chlorophyll; needed for functioning of enzymes for carbs, sugars, and fats; fruit formation; germination of seeds. Deficiency symptoms include chlorosis, leaf droop, and yellowing between veins on leaves.

Sulfur (S) Component of amino acids, proteins, vitamins, enzymes. Essential for chlorophyll. Imparts flavor to many vegetables. Light green leaf growth can be a deficiency sign.

Boron (B) Affects flowering, pollen germination, fruiting, cell division, calcium uptake and at least eleven other functions.

Chlorine (Cl) Involved in osmosis (movement of water in cells); uptake of mineral elements and photosynthesis.

Cobalt (Co) Required by nitrogen-fixing bacteria; formation of vitamin B12, and formation of DNA.

Copper (Cu) Needed for nitrogen metabolism, often unavailable in soil, especially highly organic soils.

Iron (Fe) Enzyme functions, catalyst for synthesis of chlorophyll, essential for new growth.

Manganese (Mn) Enzyme activity for photosynthesis, respiration, and nitrogen metabolism.

Molybdenum (Mo) Structural part of enzymes that reduce nitrates to ammonia for amino acid development essential to protein formation; required by nitrogen fixing bacteria.

Nickel (Ni) Recently recognized as an essential. Needed to break down urea into useable nitrogen and for iron uptake.

Silicone (Si) Component of cell walls; enhances resistance to sucking insects and fungi. Improves heat, drought, and cold tolerance, improves photosynthesis, extends bloom life.

Sodium (Na) Improves nitrogen metabolism in many plants, involved in osmosis and ionic balance in plants.

Zinc (Zn) Necessary for growth hormone synthesis, carbohydrate metabolism, protein synthesis and stem growth.

Have you seen our grow room here at the shop? We have a total of seven complete hydroponic systems here in the store growing a variety of veggies and ornamentals under lights. We strongly suggest that you add one of our mycorrhizal products into your program, as we do on a regular basis. Soil or hydro, your plants's roots will explode with growth when using Great White and Orca by Plant Success, General Hydro's Rapid Start, and Extreme Gardening's Mykos. Better roots = bigger fruits!