



KINGDOM AQUAPONICS

We grow plants naturally

Have your vines and land benefit and thrive by using the Kingdom Aquaponics suite of products!

You can eliminate the need for synthetic inputs and reduce pressure on natural resources all while building healthier vines and finer quality fruit while making your vineyard a more natural environment.

Using our tiered application program, we can get the natural system deep into the soil where grapevines are most productive. Our product is created in such a way that dense fibrous material holds valuable organisms and spores tight in their mass. When the root reaches the spores, they colonize, cycle the nutrients and protect the plants.

When growing quality vines and grapes, testing for natural nutrient cycling along with mycorrhizal colonization is critical. One of the key components in our product's matrix is aged organic matter. Once this material has worked its way into the soil, either through our recommended vine sub surface injection system or through heavy drench, this material will provide an aged humus texture in the deep soil and root system.

Professional Viticulture



We customize batches based on specific landscape needs. Our biological harvesting starts with our handmade compost made of a blend of thermal and worm composts. Worms have evolved with plants over millions of years. They excrete byproducts such as glues and foods which helps bind the soil and create structure for other organisms. We also incorporate the fungal foodweb into the products. This includes decomposing fungi to break down organic matter and immobilize nutrients. Propagated mycorrhizal fungal spores are mixed into the fibrous matrix, allowing them to remain stable in the root zone instead of washing through the soil. These colonize the root zone for superior performance. Once established, we provide the predators which harvests the decomposing fungi and releases the nutrients into the soil which allows the mycorrhizal fungi to uptake water and nutrients to fuel fruit production instead of spawling growth.

Additionally, both K.A.'s Rejuvenate and K.A.'s Alliance are filled with beneficial bacteria and protozoa for immediate nutrient cycling to aid in fruit production with low tannic acid and high bricks which prevents the need for sulfides.



KINGDOM AQUAPONICS

We grow plants naturally

Vines:

K.A.'s Alliance: Use one pound of Alliance rolled into 1-inch diameter pellets and placed 2-3 inches into soil profile for every 10 vines. Place pellets evenly through each vine root zone

K.A.'s Rejuvenate:

Soil Injection: (Late February-Early April or September-Late October). Using K.A.'s Rejuvenate injection tool. Place tip of needle 12-14 inches into soil in a grid pattern 6-inches from vine to make a square. Inject 8 ounces of material per an injection site or one quart per a vine. Tank mix 6 pounds of K.A.'s Rejuvenate per 100 gallons of water and 2 gallons of K.A.'s Harmonize. Each 100 gallons of tank mix should cover 400 vines.

Soil Drench: (March-June and September-November) Drench soil at the rate 10 gallons per 1000 square feet of root zone (approx. 27 vines). Tank mix 4 pounds of K.A.'s Rejuvenate per 100 gallons of water and 2 gallons of K.A.'s Harmonize

K.A.'s Harmonize: (July and August) Apply at 2 gallons per a 100 gallons tank mix with water. Apply 8 gallons per 1000 square feet of root zone (approx. 20 vines).



Today is the next step in evolution to creating safe, beautiful and living landscapes, farms, golf courses and vineyards.

We are moving past biological programs that under performed into succesful natural land management.

Introducing BLIS™ Balanced Living Infusion System

The developers at Kingdom Aquaponics (kingdomaquaponicsllc.com) have implemented their years of research and development into creating the most consistent, highest quality soil/plant biological products available. Their state of the art manufacturing plant strips the biology from 100 pounds of custom composts, worm composts, specific food stocks and organic fish water and waste into safe easy to use 3 pound bio cakes (30 day shelf life) that dissolves in water for foliar and drench applications or moldable K.A.'s Alliance for marbles, spikes, top dressing or starters.

Kingdom Aquaponics

P.O. Box 306

Millis, MA 02054

(508) 935-6800

info@kingdomaquaponicsllc.com

kingdomaquaponicsllc.com