



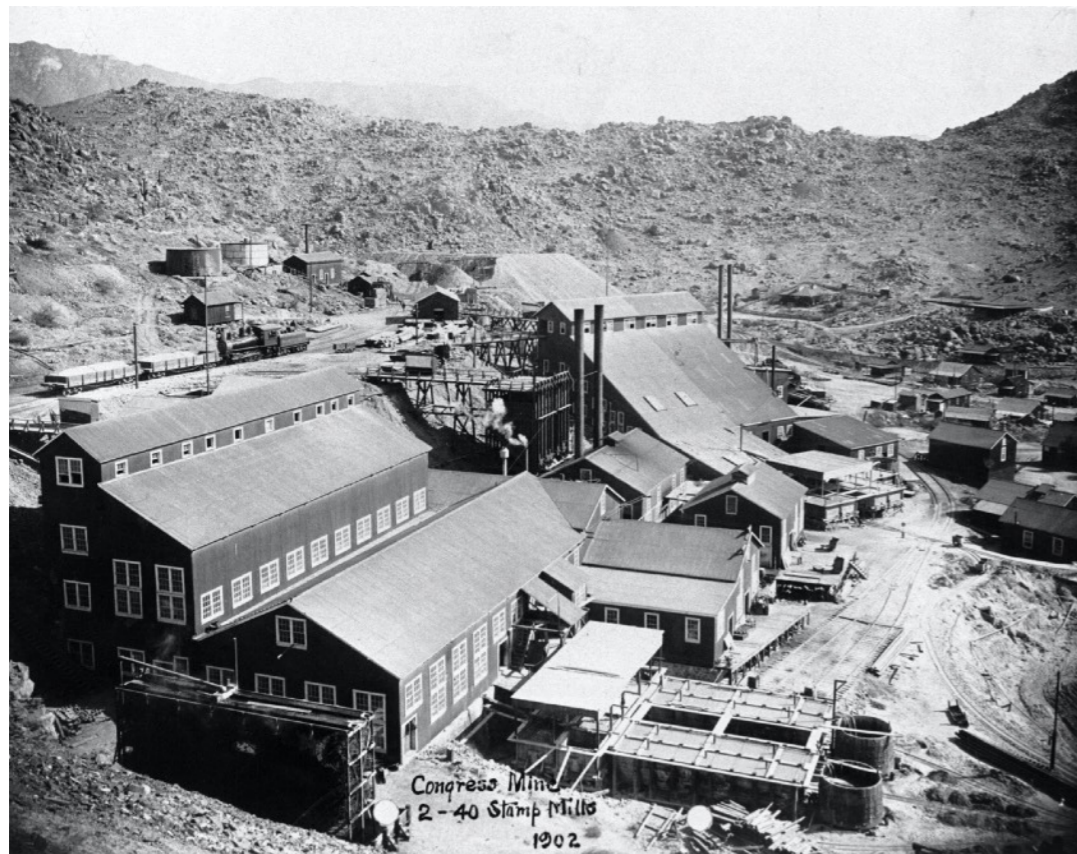
Premium Soil Conditioner - Certified for Organic Agriculture



## Harvest Gold Organics® unique flat and angular shape caused by historic mining in the early 1900s:

Harvest Gold Organics is a one of a kind soil conditioner that is certified for organic agriculture. It is recycled and purified from the 100-year-old gold mine tailings at the historic Congress Mine in Arizona. The unique shape of our silica bonds to key nutrients in soil to enhance uptake to any plant. The particles also create space in the soil allowing roots to reach out and more efficiently utilize the array of micronutrients naturally contained within Harvest Gold Organics. The result is superior plant health and improved yields, naturally.

[Click to learn more about where our product comes from](#)



## Benefits

**Increase Nutrient Uptake** - the unique shape of our silica bonds to nutrients to enhance uptake, also the particles create space in the soil so roots can reach out and take more nutrients in - as a result plants have **Increased biomass**.

**Regulates plant water consumption** resulting in less use - because our silica is angular and flat, it has more surface area to bond to water, holding it in the soil longer - also helps water to drain at the right time - the regulation of water leads to less use.

**Optimal Drainage (Help to prevent root rot)** Soil compaction can create issues like root rot and unwanted fungal overgrowth. If there is too much moisture in the soil certain fungal species can get overgrown and choke out the plant or grass, root rot is a disease that spreads in wet soil caused by certain fungus. If soil has proper drainage it is less likely to have the conditions for these things to take hold.

**Improve structure of soil** - Soil will have more space and structural support to remedy problems like soil compaction and hard pan. Plant roots will have more room to grow deeper and denser, and as time passes more micronutrients and silica will continue to feed into the soil.

**Certified for Organic Use** - Our product is not organic, it is certified for organic use, meaning that it meets the requirement for an organic input - a product for organic agricultural use.

**Strengthen plants against pests and temperature change** - strong plants with healthy leaves and stalks are less likely to go into stress from a drop or raise in temperature and less likely to be damaged by pests. The stronger the stalk the less susceptible to a bug being able to bite through it. Silica is proven to enhance the strength and resilience of plants, in addition the other minerals and the unique shape create optimal growing environment for robust plants.



# How it Works



1

**Harvest Gold Organics®** is a mineral-rich soil additive that improves soil structure and increases resilience to pests and temperature changes.

2

When watered, the silica and minerals time release into the soil, strengthening stalks and enhancing growth of roots for better nutrient uptake.

3

The unique shape of the particles regulate water and nutrient absorption, improving drainage and helping to prevent root rot and bacteria/fungal mats.

4

Improved soil and root structure result in plants with increased foliage that are healthy and robust, yielding more fruits, veggies and flowers.



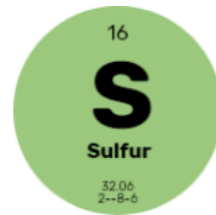


**Silica (85%)**  
This beneficial substance improves plant tolerance to stress.

Improves water retention and nutrient release.

Reinforces the structural integrity of the plant, making stems, walls, leaves and branches thicker and stronger.

## Guaranteed Analysis



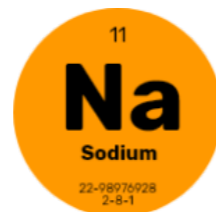
**Sulphur (0.11%)**  
Helps transform proteins and distribute chlorophyll, increases root growth and aids in transpiration and metabolic processes.



**Iron (1%)**  
Helps enhance coloration and leaf respiration, and contributes directly to enzyme production.



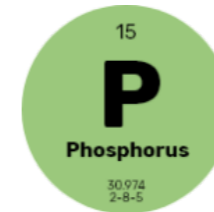
**Manganese (0.06%)**  
Increases photosynthesis and energy while improving growth.



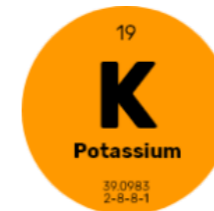
**Sodium (0.01%)**  
Aids plant metabolism, photosynthesis & osmosis.



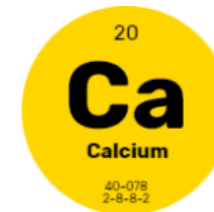
**Zinc (0.01%)**  
Improves growth hormone production and internode elongation.



**Available Phosphate (0.03%)**  
Helps plants convert nutrients into usable building blocks with which to grow.



**Soluble Potash (0.12%)**  
Improves movement of water, nutrients & sugars.



**Calcium (1%)**  
Promotes root development and protein synthesis.



**Magnesium (0.2%)**  
Activate enzymes and provide essential support to product chlorophyll, needed for photosynthesis.

## Easy application in 4 simple steps



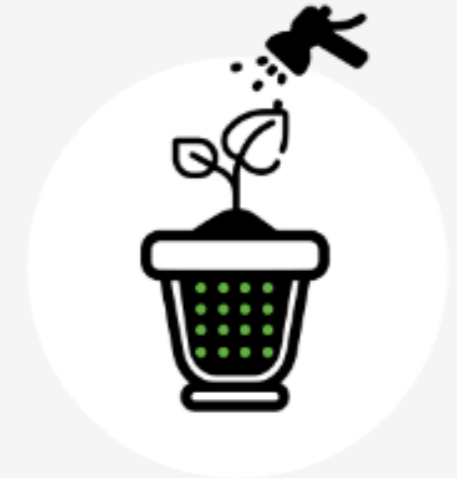
1 Add to Organic Quality Soil



2 Mix in Harvest Gold Organics®



3 Plant as you normally would



4 Water your plant

## Quantities



1 HGO

9 soil



### Add to Soil Mix

Add 1 part of Harvest Gold Organics® Premium Soil Conditioner per 9 parts of soil used during planting to the planting hole before placing your plants. Mix uniformly. Add water.

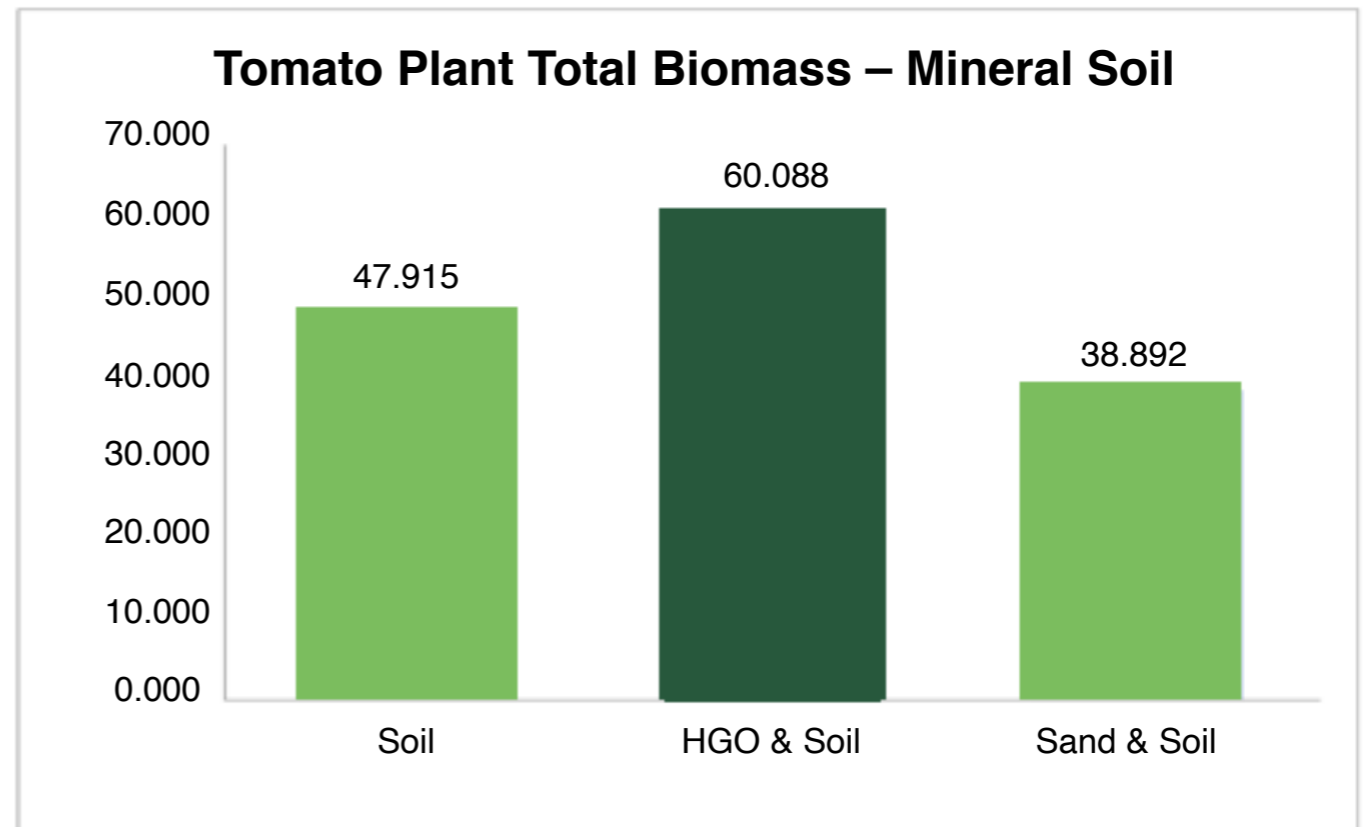
## Increase Biomass

*“The results from the trial were overwhelmingly positive. We did a trial with 130 plants total. Fifteen were amended with Harvest Gold Organics and the other 115 were controls. Out of those plants, 121 made it into flower from initial transplant. Thirteen were tested and 108 were controls. Once everything was said and done, the 13 plants yielded on average 17.9% more dry flower weight.”*

**-Gevin Gros, Greenhouse Manager**

*“I have consistently pulled 16 to 18 lbs per harvest for the past 3 years (5 per year). With HGO I successfully pulled 21 lbs. Biggest one yet. Customers claimed it was one of my better runs! I used my same recipe, just mixed the HGO into my Canna Coco!”*

**-Danny Senske, Master Grower**



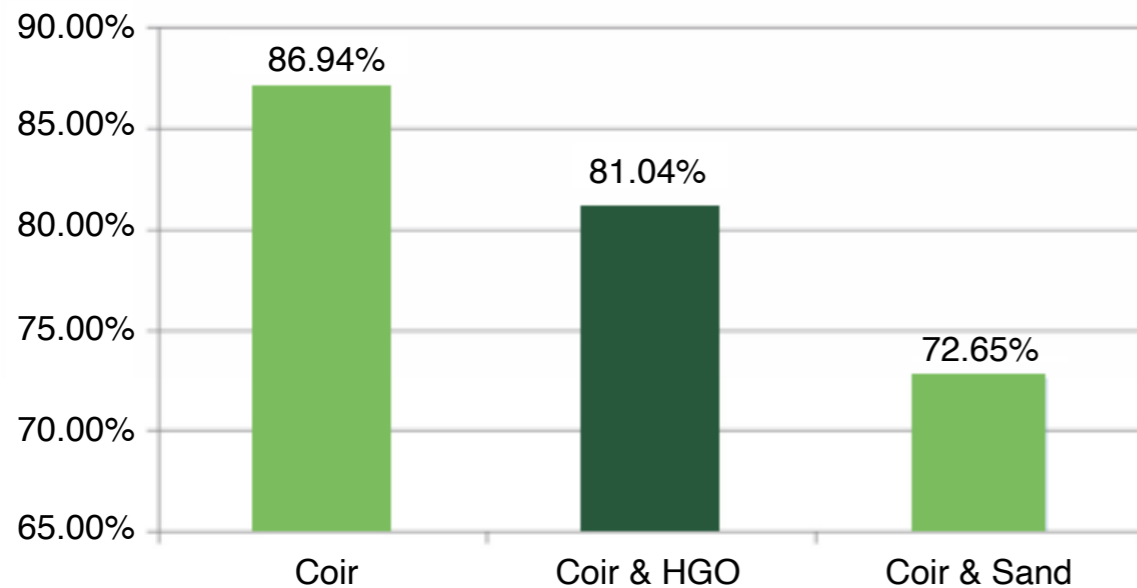
Total biomass (wet weight) of tomato plants grown in mineral soil.

### IAS Labs Tomato Study

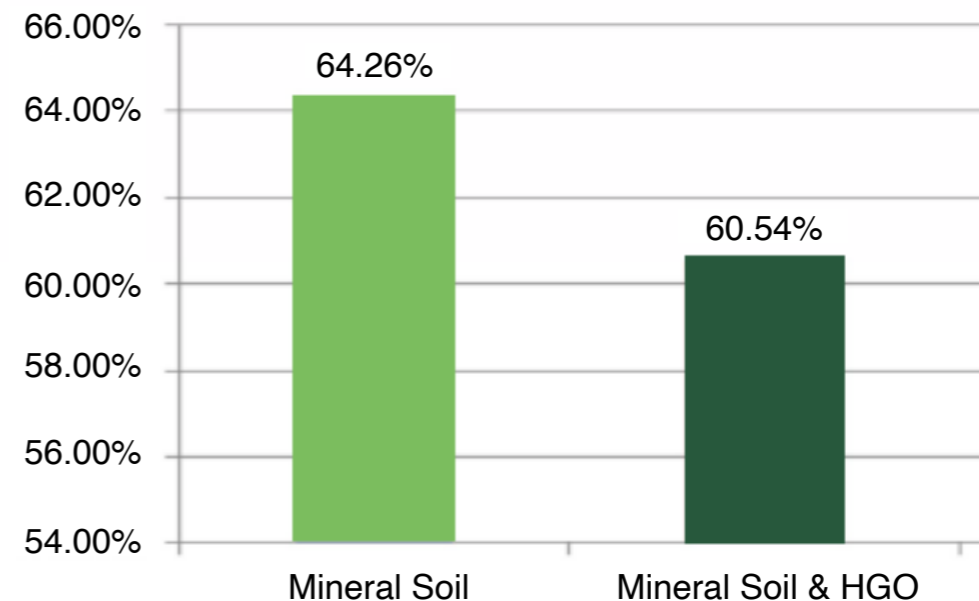
On average, tomato plants grown in Harvest Gold +Soil developed a 20% increase in total biomass over the control and 39% increase in total biomass over Sand+Soil

# Improve Drainage & Manage Water Consumption

## Water Hold Capacity in Coir, improving drainage



## Water Hold Capacity in Mineral Soil



***HGO suspends water in soil longer so roots have more time to absorb. The uniquely shaped particles support draining capabilities, helping to prevent root rot and other unwanted effects of soil compaction. Because plants have absorbed more water, in most cases the need to water is less.***

*“Harvest Gold Organics definitely retained more water in the soil. In my tests it was around 25-30%, or watering 3 times versus watering the control 4 times. The plants that had HGO applied to the soil showed better color in the leaves, as well as overall branch growth and size – almost 40% bigger.”*

**-Kevin Stevens, Oasis Genetics**



*“Stronger plants with healthier stalks and leaves are more resistant to stresses like temperature extremes, pests and any other distress.”*



“I have been a tomato grower for many years. Last growing season I used Harvest Gold Organics. I Placed four plants in the Harvest Gold Organics and four plants in my usual growing media. The Harvest Gold Organics plants towered over the other plants, the stalks were stronger, and **I didn't have to stake the plants**. The Harvest Gold Organics plants produced more tomatoes, the fruit had the best flavor, and the peels were thin and easy to remove. I will use Harvest Gold Organics for now on, on all my plants, every growing season. I highly recommend Harvest Gold Organics for anyone wanting the best crop with the best produce.”

**-Valerie Browning, Gardener**

## Revive Plants in Distress

*“During the season I picked up some hemp clones where the roots hadn’t had a chance to take hold. By the time I got them, 50% were dead. After two weeks of watering with and applying HGO, I was able to bring back 400 of the 800 bad clones. I put them in the ground as I did others, just HGO and native soil. To date 373 of those clones will be harvested this season, and they would have surely died if I had not applied Harvest Gold Organics.*”

***Your Product saved my season!”***  
***-Sierra, Fruit of Gaia Hemp***



**Before HGO, Sierra’s plants were dying**



**Planted in the native soil with HGO**



**8 weeks later the same plants were 3’ wide by 3’ tall**



# Superior Plant Health

*These trees are the same age and were planted 15 feet apart. Photos were taken 8 weeks after HGO application to the tree on the right.*



*“I put some HGO on three tired, years old house orchids, all about dead from lack of consistent care and watering, and lack of sun over many years, which I was going to throw out. All three have come back to life with new growth, and one of them has sprouted a new stem loaded with white orchid flowers. Amazing!”*  
- Jon Larson, California

*Grayhawk Golf Club, Scottsdale, AZ  
Before and after HGO  
Results in 4 weeks*