

## Microbial Life, Microbe Food and Plant Fertilizer

Grassroots Concentrated Biology is a complete Soil and Plant nutrient line that helps you unlock the soil food web. Diverse populations of bacteria, fungi and protozoa feed the plant by collecting and digesting mineral nutrients and delivering it to the root structure. Our biology is directed and microscope verified to strategically increase yields, defend plants from disease organisms and viruses, increase terpene and overall quality of your product.




### Microbial Concentrations 20,000 species $1 \times 10^{10} +$

Bacillus licheniformis	-	$1 \times 10^6$ CFU/ml
Bacillus subtilis	-	$4 \times 10^5$ CFU/ml
Micrococcus luteus	-	$2 \times 10^5$ CFU/ml
Ochrobactrum intermedium	-	$2 \times 10^5$ CFU/ml
Penicillium menonorum	-	2CFU/ml

- Microbial inoculant soil and plant probiotic
- Stable microbes with one year shelf life
- Reduces the frequency and severity of plant diseases
- Never any simple sugars or manure
- Microscope verified, DNA sequenced, directed biology
- Increases brix and improves sugar to acid ratio and flavor profiles
- Beneficial bacteria, fungi and protozoa

**1 BILLION MICROBES  
PER DROP**




### MFOOD

Microbe and plant food  
Activates **MetaGrow™ ST**  
Fish hydrolysate, calcium and seaweed  
For use with most irrigation systems  
No manure or simple sugars  
Root drench or foliar spray



### CFOOD

Stimulates growth of beneficial microbes capable of consuming chitin based proteins  
For use with **MetaGrow ST** in foliar applications



### FixR

Wettable agent for foliar applications of compost teas, microbial inoculants  
Odor suppressant • surfactant • penetrant • PH buffer • sticking agent • chelator • suspension agent • antioxidant • microbe food • multi-polar charge



### BLOOM

Microbe and plant food  
Promote flowering stage  
For use with **MetaGrow ST**  
Root drench or foliar spray