

## Applications and Recommended Dosages

Treatment	Media	Dosage/Frequency
Individual plant	Soil	Mix 1oz (or 2 Tablespoons) per one gallon water and water soil liberally. Apply once every 14 days. <b>Foliar Spray:</b> Mix 1-2oz per one gallon water and spray leaves liberally. Apply 1-2 times per week.
Vegetable gardens & Raised Bed gardens	Soil	Mix 1oz (or 2 Tablespoons) per one gallon water and water soil liberally. Apply once every 14 days. <b>Foliar Spray:</b> Mix 1-2oz per one gallon water and spray leaves liberally. Apply 1-2 times per week.
Large gardens (43,560 sq ft or larger)	Soil	Mix 1-2 gallons with 15-20 gallons water, per each acre of land. Spray soil liberally after tilling, but prior to planting. Repeat treatment in 30 days. <b>Foliar spray:</b> Mix 1/2 gallon per 5 gallons water and spray plants liberally 1-2 times weekly.
Large gardens (43,560 sq ft or larger)	Soil	Mix 1-2 gallons with 15-20 gallons water, per each acre of land. Spray soil liberally after tilling, but prior to planting. Repeat treatment in 30 days. <b>Foliar spray:</b> Mix 1/2 gallon per 5 gallons water and spray plants liberally 1-2 times weekly.
Hydroponics, aquaponics, aeraponics	Water	Add 15-30ml per each gallon water in reservoir. Repeat once every 3 weeks, or each time reservoir is emptied.
Lawn	Soil	Mix 1-2 gallons with 20 gallons water and spray liberally. Use every 2-3 months, or as needed.

**Storage:** For full product shelf life, store at 45-85°F. KEEP OUT of direct sunlight. DO NOT freeze.

**Safety:** The microorganisms used in this product are not likely to cause illness to healthy humans. Not recommended for human consumption. Personal protection equipment (PPE) may or may not be used by applicator. It is not necessary to remove pets or livestock when applying.

**OMRI Certification:** This product does not have OMRI certification. All USDA Certified, CDFA Certified and Oregon Tilth Certified Organic producers are encouraged to have the certifying officer contact our office for usage approval. The process is simple.

**Tank-Mixing Compatibility:** A stand-alone application is always preferred to avert a microbial integrity breach. However, if tank-mixing is required to avoid additional application costs, please refer to our "Tank-Mixing Compatibility" chart on our website.

*For a list of our dealers & locations, visit:*

[www.windrivermicrobes.com](http://www.windrivermicrobes.com)



P.O. Box 638 Ringling, OK 73456  
580-465-2849 (BUGZ)  
info@windrivermicrobes.com



539 Pudding Hill Rd,  
Hampton, CT 06247  
717-351-4021  
[www.shsdistributors.com](http://www.shsdistributors.com)



Your local, authorized dealer is:

# SOIL CARE

*It's not magic...  
it's microbes!*



### What is it?

SOILCARE is a naturally derived formulation of beneficial bacteria and fungi, designed to replenish and balance the ecosystem in soils, hydroponics, aeroponics and aquaponic environments. It is 100% organic, derived from soils, plants and animals.

### Is it necessary?

Absolutely! Without a balanced ecosystem, the growing environment is compromised, plant roots are less effective at nutrient absorption and cycling, and plants become more susceptible to pathogens, disease and pests.

### How does it work?

In simple terms, it's both a "prebiotic" and "probiotic" for plants. SOILCARE contains microorganisms that not only feed the indigenous beneficial microbes, but it also replaces necessary bacteria that may be limited or absent.

Microbes are *essential* for optimum plant health and maximized growth. They suppress pathogens, increase nutrient conversion efficiency, increase nutrient absorption, optimize plant health and increase overall yields.

### I produce market vegetables and cannabis. Is SOILCARE safe to use?

100% safe to use. SOILCARE is naturally sourced from plants, soils and animals.

### Does it control mold and insects?

SOILCARE is very effective at eradicating and mitigating various types of mold and powdery mildew. SOILCARE contains bacteria that are unattractive to some insects; however, it is neither an insecticide, pesticide nor parasiticide.

### Does it contain mycorrhizae?

Yes, both endomycorrhizae and ectomycorrhizae. These fungi are extremely important for sourcing, retrieving and delivering nutrients to roots.

### Is it certified for organic production?

SOILCARE is not OMRI certified. However, the approval process for use only takes a phone call and email. It's fast and simple.

# SOILCARE



# Microbes...

### Functions

- » Balances ecosystem in the growing media
- » Improves fertilizer efficiency
- » Promotes optimal plant health
- » Helps balance pH
- » Reduces harmful pathogens
- » Increases soil water-holding capacity
- » Increases aeration in compact soils
- » Produces enzymes, proteins and volatile fatty acids
- » Inhibits mold and powdery mildew
- » Balances ratio of bacteria to fungi
- » Increases nutrient conversion and absorption
- » Unleashes aggregate-bound phosphorous
- » Improves nitrogen fixation
- » Captures carbon
- » Reduces salinity and breaks down heavy metals in soils
- » Improves soil organic matter
- » Reduces required inputs
- » Softens hardpan and crusting

*...and much more!*

### Applications

- » Easy to administer through ANY type of water delivery, irrigation or spray applicator
- » May be aerosol sprayed
- » Cleans drip systems