

ORGANIC MICROBIAL SOIL INOCULANT



Derived From **PURE BLACK CASTINGS™**
Plant Probiotic and Soil Inoculant
Made from Natural Products

VermaPlex®



Orchards &
Vineyards

Agriculture
& Turf

Lawns, Gardens
& Nurseries

CONTAINS LIQUID HUMATE, YUCCA, SOLUBLE SEA KELP, & AMINO ACIDS
Enhances Plant Growth, Flowering, and Fruit Production
LIQUID CONCENTRATE - Will not burn or damage plants from direct contact!

ALL NATURAL SOIL AMENDMENT

VermaPlex® is a 100% organic liquid extract rich in beneficial microbes and soil nutrients.

VermaPlex® can...

...restore biological life to soil. Soil is a living thing, and plants depend on this biological life to help them extract nutrients and combat disease. Plants do not grow in a vacuum, which is to say that living soil is absolutely essential to their health and survival.

...help the soil regulate itself. In nature, soil chemistry is self-regulating: microbes in the soil consume organic matter, inorganic matter, water, and other nutrients, and regulate their levels as needed.

...feed plants without burning them. VermaPlex® does not supply pure nitrogen, but instead increases the soil's ability to absorb nitrogen from

the atmosphere, leading to greening without the risk of burning. For this same reason, VermaPlex® can also reduce dependence on traditional fertilizers, which can burn plants and pollute the environment.

...VermaPlex® is 100% organic and all-natural. It will not leach or contaminate the water table. It is also totally non-toxic, so adults, children, and pets can safely use treated areas immediately!



A root mass after treatment with VermaPlex® and Nutri-Cast®
Hairy roots are a sign of healthy plants and of healthy soil

VERMAPLEX®

Vermaplex®	<p>VermaPlex® is a new liquid soil amendment designed to enhance soil biological processes and plant growth. Sea Kelp and endo- and ecto- mycorrhizae promote root function and growth. All natural: no animal, yard, or food wastes are used to produce VermaPlex®. Children and pets can play on the lawn as soon as the applications have been completed.</p> <p>Professionals rely on VermaPlex® for their Lawns; Gardens and Nurseries; Agriculture and Turf; and Orchards and Vineyards.</p>
Key Features and Benefits	<p>With Vermaplex®:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Increase plant utilization of stored or applied soil fertility <input type="checkbox"/> Increases biological activity in the soil <input type="checkbox"/> Enhances plant growth, flowering and fruit production <input type="checkbox"/> Increases drought resistance in plants and trees <input type="checkbox"/> Liquid concentrate-Will not burn or damage plants

Directions For Use		
Spray	For foliage and soil surface around plants. Lawns & shrubs after each cutting.	Mix 4 oz. VermaPlex® to 1 gallon of water (1:20 to 1:40)
Drench	With each watering or as needed. After surface dressing of Black Castings® .	Mix 2 oz. VermaPlex® to 1 gallon of water (1:50 to 1:80 ratio)
Special Applications	Dip roots of all transplants before planting. Paint large cut areas to inoculate. Apply to compost to increase microbial activity.	Use straight or mix 8 oz. of VermaPlex® to 1 gallon of water (1:0 to 1:15 ratio)

Usage Guidelines for Turf grass	<p>Turf Grass Establishment</p> <p>Vermaplex® is recommended in conjunction with Black Castings™ to accelerate release of biostimulants in Black Castings™ and establish beneficial microbial populations in the developing roots of the plant. For added biological activation of Black Castings™, apply 2 gallons VermaPlex® liquid extract as active ingredient (AI) per acre weekly for 3 weeks, then apply once a month as needed during growing season. During seasons of high disease pressure or adverse environmental conditions, use more frequent applications of 7 to 10 day intervals.</p>
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Application Rates				
Application	AI / Acre*	Carrier / Acre	AI / 1000 SF*	Carrier / 1000 SF
1st Application	2 Gallons	175 Gallons	6 Fl. Oz.	4 Gallons
Following Applications	2 Gallons	85 Gallons	6 Fl. Oz.	1 Gallon

*Rate is for seven day spray frequency. Adjust rate based on frequency of application