

In-Season Foliar Disease Management

Targeted Diseases: Botrytis, Powdery Mildew, Crown Rot, Leaf Blight, Angular Leaf Spot, Anthracnose

OxiDate® 5.0 Foliar Application Program		
Disease Conditions	Rate	Spray Schedule
First Sign of Symptoms	1:256 (50 fl. oz. per 100 gallons of water)	3-10 Days
<p>Spray Solution: 50 to 150 GPA The final spray volume will depend on canopy density and growth stage. Use a non-ionic surfactant for improved coverage and increase the contact time on foliage.</p>		

Compatible Fungicides*	
Conventional	Organic
Quintec	Oso
Rally	Serenade ASO/ Serenade Opti
Procure	Sonata
Luna Sensation	Timorex Act
Pristine	Bacix
Quadris	Double Nickel

Pre-Plant and In-Season Soil Disease Management

Targeted Diseases: Macrophomina, Fusarium, Phytophthora & Pythium

Pre-Plant Soil Application

Soil Type	Volume of OxiDate 5.0 Concentration By Dilution Rate		Gallons of Water Required for Finished OxiDate 5.0 Solution
	Gallons per Treated Acre		
	1:100	1:50	Per Treated Acre (Gallons)
Light (Sandy/Loam)	30	60	3,000
Medium (Loam)	45	90	4,500
Heavy (Loam Clay)	60	120	6,000
<p>Application Notes: Prewet soil to 80-85% field capacity and use a wetting agent to assist in moving the OxiDate 5.0 deeper in the soil profile. Inject OxiDate 5.0 in the last 90-120 minutes of the irrigation set then follow with a flush for 5-15 minutes. Do not irrigate within 24 hours of application.</p>			

*OxiDate 5.0 can be tank mixed with many commonly used pesticides. Please refer to the OXIDATE 5.0 Compatibility & Tank Mix Guide when mixing with other pesticides or contact your BIOSAFE SYSTEMS TECHNICAL REPRESENTATIVE.

Pre-Plant Dip Application

OxiDate® 5.0 Pre-Plant Dip Application Program

Product Stage	Rate	Application Timing
Pre-Plant Dip	1:256 (50 fl. oz. per 100 gallons of water)	Transplants

Application Instructions: Fill each strawberry transplant bag with solution to ensure all transplants are fully submerged and let set for 2-3 minutes. Then cut holes in bottom of transplant bags to drain solution. Do not reuse solution from previously treated bags. Transplants can be used right away or put back into cold storage for planting the next day. REI is zero hours for plant dip.

In-Season Soils Application with Microbial Inoculation

Rate	Frequency	Notes
OxiDate 5.0 at 2-3 gallons per acre	14-28 Days	In-Season

Application Instructions: Prewet soil to 80-85% field capacity and use a wetting agent to assist in moving OxiDate 5.0 deeper into the soil profile. Inject OxiDate 5.0 in the last 45-90 minutes of the irrigation set followed with a brief flush of 5-15 minutes.

The recommended rate is 2-3 GPA every 14-28 days. At the beginning of the season or if the disease pressure is severe apply 3 GPA every 14 days. Throughout the remainder of the season or once disease pressure has subsided follow with 2 GPA every 28 days.

Microbial Inoculation Application Instructions

Product	Rate	Frequency
LIVENTIA SSB or LIVENTIA SOIL PRO	32 fl. oz. per acre	At transplant and every 30 days after
	16-32 fl. oz. per acre	Every 30 days in season

Use **LIVENTIA™ SSB** or **LIVENTIA™ SOIL PRO** as part of a restorative soils program to rebalance and enhance your soil's microbiome. **LIVENTIA™ SSB** is a unique blend formulated with 19 species of naturally occurring, plant growth promoting microbes, plus 4 species of mycorrhizal fungi.

LIVENTIA™ SOIL PRO is formulated with 9 species of beneficial bacteria and causes natural plant genes like PR1 to turn on the plant's defense mechanisms against pathogenic fungi and bacteria.



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