

Regenerative Soils Program: Melons

Brand	Active Ingredient	Target Pests/Pathogens	OMRI Listed	REI (hrs.)	PHI (days)	MRL Exempt
SOIL						
SaniDate® HC	28% Peroxyacetic Acid 23% Hydrogen Dioxide	Nematodes, Fusarium, Phytophthora, Pythium, Rhizoctonia, <i>Ralstonia solanacearum</i> , <i>Sclerotinia sclerotiorum</i> , <i>Sclerotium rolfsii</i> , Thielaviopsis, Verticillium	—	0	0	●
TerraClean® 5.0	5% Peroxyacetic Acid 27% Hydrogen Dioxide	Fusarium, Phytophthora, Pythium, Rhizoctonia, Verticillium	●	0	0	●
TerraGrow®	Microbial Inoculant, Humic Acids, Organic Matter (microbial food) <small>See label for full active ingredient list.</small>	Features/benefits: formulated to improve soils and plant vigor by restoring root zone biological activity by reestablishing beneficial microbes in the plant rhizosphere and improve nutrient availability.	●	0	0	●
OxiPhos®	27.1% Mono-and di-potassium salts of phosphorus acid 14% Hydrogen Peroxide	Root and fruit rot, downy mildew, powdery mildew, angular leaf spot	—	0	0	●

- SaniDate® HC**
Bactericide/Fungicide
 - Zero-hour REI; zero-day PHI
 - Broad spectrum, on contact activity
 - Non-corrosive to aluminum pipe/booster pumps
 - Ideal for IPM programs; no known resistance

- TerraClean® 5.0**
Bactericide/Fungicide
 - Zero-hour REI; zero-day PHI
 - Broad spectrum, on contact activity
 - Approved for pre-plant and in-season use
 - Ideal for IPM programs; no known resistance

- TerraGrow®**
Beneficial Soil Inoculant
 - Improves soil health and plant vigor
 - Reduces transplant shock
 - Water soluble; will not clog emitters
 - Compatible with many commonly used products

- OxiPhos®**
Bactericide/Fungicide
 - Zero-hour REI; zero-day PHI
 - Multiple modes of action with xylem systemic activity
 - Ideal for IPM programs; no known resistance



22 Meadow Street
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We understand every operation is unique. Please contact our Soil Specialist for a free site evaluation.



Learn more
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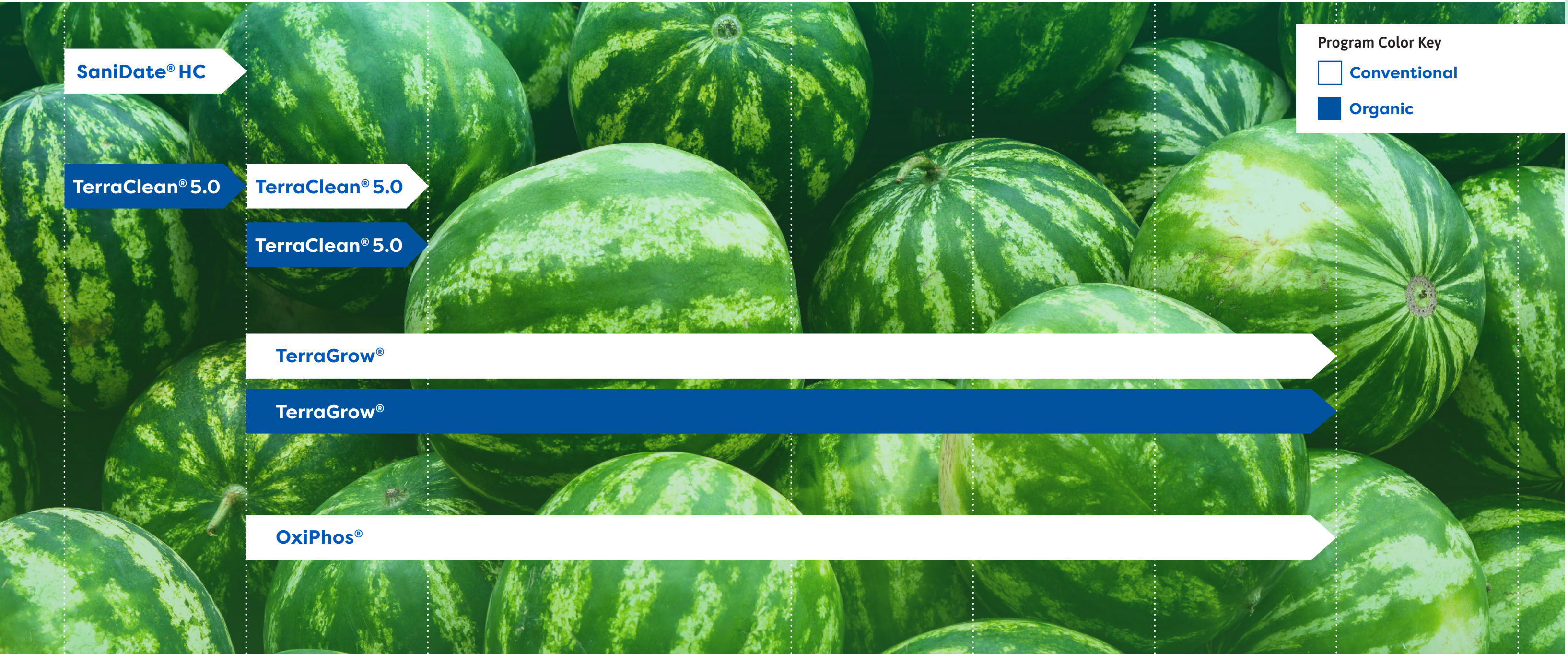
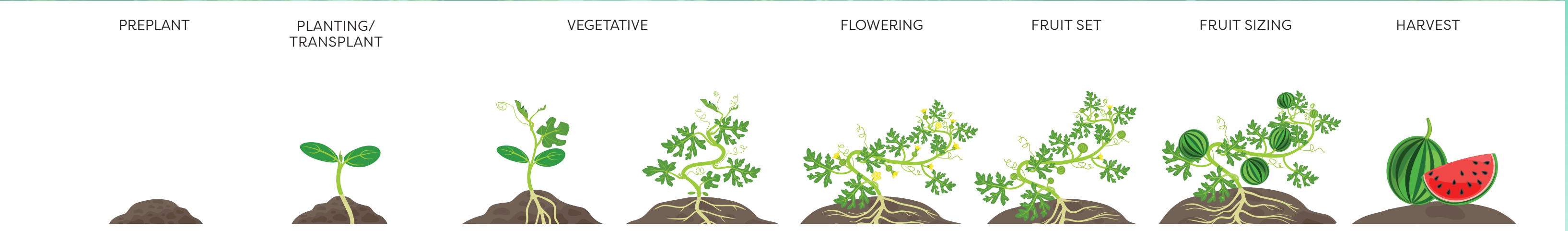


Regenerative Soils Program: Melons

BioSafe Systems soil health and crop production solutions are effective, economical, versatile and environmentally sound.

BioSafe Systems’ Regenerative Soils Program: Melons


BioSafe Systems’ provides the highest quality crop protection, resistance management, and crop enhancement solutions that are formulated to reset and restore your soil to its peak performance.



Regenerative Soils Program: Melons

BioSafe Systems' Regenerative Soils Program follows the Regenerative Agriculture model of improving soil health through sustainable farming practices. The program is a comprehensive and cost-effective system that offers disease protection from pre-plant to harvest.

Conventional Program					
Step	Growth Stage	SaniDate HC	TerraClean 5.0	TerraGrow	OxiPhos
1	Preplant	10 gals./acre			
2	At Planting		Dip or drench transplants at 2 gals./acre	Drench 24–48hrs after planting at 1.5 lbs./acre	Apply through drip at 1 gal./acre
3	Vegetative to Fruit Set		If disease pressure arises in-season, use 1–2 gals./acre followed 24–48 hours later with TerraGrow	Drench 30 days after transplant at 1 lb. Repeat application 30-days later.	Apply through drip at 1 gal./acre
4	Fruit Sizing to Harvest			Drench 30-days after previous application 1 lb./acre	Apply through drip at 1 gal./acre

Organic Program 			
Step	Growth Stage	TerraClean 5.0	TerraGrow
1	Preplant	5 gals./acre; second preplant application for heavily diseased fields	
2	At Planting	Dip or drench transplants at planting with 2 gals./acre. For heavily disease infested fields, apply at 1–2 gals./acre as needed	Drench 24–48 hours after planting at 1.5 lbs./acre
3	Vegetative to Fruit Sizing		Drench 30 days after planting at 1 lb./acre. Repeat application 30-days later.
4	Filling Fruit to Harvest		Drench 30-days after previous application.