

## Updated list of pesticides labeled for Florida dragon fruit production

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<b>Brands – Conventional ag</b>	<b>Active ingredient</b>	<b>Pest(s) controlled</b>
<b>Fungicides</b>		
Abound, Mazolin, Aframe, Acadia 2SC, Satori	Azoxystrobin, (group 11)	Fruit and stem rots
Nutri-Phite Magnum	Phosphorous acid	2-40-16 fertilizer/nutrient, root health enhancer
Oxidate 2.0	Hydrogen peroxide and peroxyacetic acid	Contact disinfectant
Sanidate 12.0	Hydrogen peroxide and peroxyacetic acid	Contact disinfectant
Switch 62.5WG	Cyprodinil plus fludioxonil	Fruit and stem rots
TerraClean 5.0	Hydrogen dioxide and peroxyacetic acid	Soilborne diseases
ZeroTol 2.0	Hydrogen dioxide and peroxyacetic acid	Greenhouse production, foliar-soil disease
<b>Insecticides</b>		
Extinguish Ant Bait	(S)-Methoprene	Ant control
<b>Herbicides</b>		
Roundup PowerMAX, Roundup Power MAX II, Roundup WeatherMAX, Honcho K6	Glyphosate	Herbicide
<b>Brands - Organic ag</b>		
<b>Fungicides</b>		
Actinovate STP, Actinovate AG, AzaGuard	<i>Streptomyces lydicus</i> WYEC 108 (no group)	Suppresses some foliar and soil diseases
Brandt Organics Aleo, Veg'Lys	Garlic Oil (no group)	Disease suppressant
Cinnerate	Cinnamon Oil (no group)	Powdery mildew, <i>Botrytis cinerea</i> , <i>Fulvia fulva</i> , others
Contans WG	<i>Coniothyrium minitans</i> CON/M/91-08	Suppression of <i>Sclerotinia</i> in soil
EcoSwing	Extract of <i>Swinglea glutinosa</i>	Disease suppressant
Kocide 2000-O	Copper	fungicide
Magna-Bon CS 2005	Copper sulfate pentahydrate	<i>Xanthomonas campestris</i> , <i>Dothiorella</i> spp.
Soilgard	<i>Gliocladium virens</i> GI-21 (no group)	Biological root rot suppressant (soil drench)
Thyme Guard	Thyme oil	Insecticide
Trilogy	Neem oil (no group)	Disease suppressant
<b>Insecticides</b>		
BT NOW	<i>Bacillus thuringiensis</i>	Insecticide

Captiva Prime	<i>Capsicum oleoresin</i> extract, garlic oil, canola oil	Insecticide
GF-120	Spinosad	Insect control
NeemGard	Neem oil	Disease suppressant
PFR-97 20%WDG	<i>Isaria fumosorosea</i>	Insect control
PyGanic Specialty, PyGanic EC 5.0 II	Pyrethrum	Insect control
Safer Soap	Potassium salts of fatty acids	Insect control
Sil-Matrix	Potassium silicate	Insect-disease suppressant
Thymox Control	Thyme oil	Fungicide, bactericide
Thyme Guard	Thyme oil	Fungicide, bactericide
Weed Slayer	Eugenol	Herbicide
<b>Herbicides</b>		
M-Pede	Soap	Insects-diseases
Pyrol-O	Pyrethrum	Insecticide
Suppress Herbicide EC, HomePlate	Caprylic acid and capric acid	Herbicide
<p><b>Note: Always read and follow label instructions. This is not an exhaustive listing of all products legally available for dragon fruit. The list of substances available for use in organic production is not exhaustive.</b></p>		

(c://ext/handouts/2019/pitaya chemicals 2021doc)