



Defend Your Crops USING BIO WITH BITE.®



With data from over 1500 trials, Marrone develops biological pesticides that are safe for workers, consumers, and the environment. We have pioneered techniques to provide uniquely powerful crop protection. From field to greenhouse, our award-winning biopesticides control insects, mites and disease, safely and sustainably while offering a great return on investment.

PROTECT STRAWBERRIES FROM:

-  Spotted Wing Drosophila
-  Anthracnose
-  Botrytis Fruit Rot
-  Aphids
-  Powdery Mildew
-  And many more...



CAN BE USED IN ORGANIC PRODUCTION

GRANDEVO®

Grandevo is an advanced bioinsecticide that suppresses or controls early insect populations, protecting your strawberries and helping to prolong the lifespan of other pesticides.

BENEFITS:

- Broad spectrum protection against sucking and chewing insects
- Easy on pollinators and beneficial insects
- Multiple modes of action
 - Repellency
 - Ingestion
 - Reproduction Disruption
- No effect on pollination and fruit set

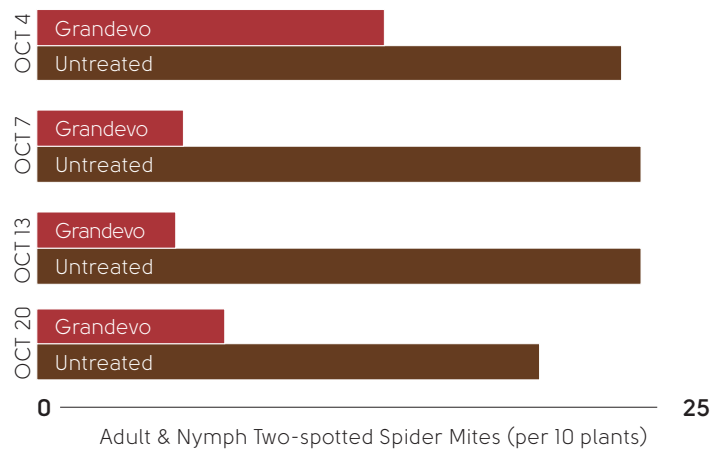
BASIC USE INSTRUCTIONS:

Apply 1-3 lbs per acre on a 7-day interval from pre-bloom to harvest

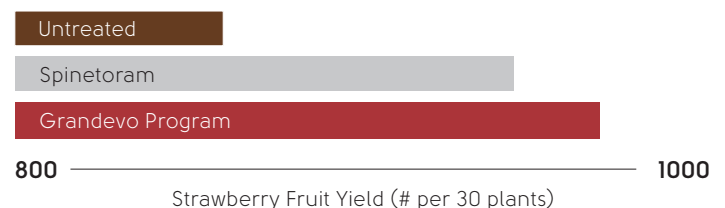
KEY TARGET PESTS:

- Spotted Wing Drosophila
- Lygus
- Armyworms
- Aphids
- Cutworms
- Leafrollers

GRANDEVO CONTROLS 66% MORE MITES



ROTATING IN GRANDEVO BOOSTS YIELD BY 15%





Regalia is a proven component in Powdery Mildew and Anthracnose Fruit Root management programs. Use Regalia early for disease prevention and overall plant health, and through the season for continued disease control.

BENEFITS:

- Better yield and harvest quality for conventional and organic strawberries
- Apply early for late residue management
- Stimulates plant immunity and prevents disease
- Unique FRAC P5 Classification

BASIC USE INSTRUCTIONS:

Tank Mix: 1qt/ac, 7-10 day interval unless tank-mix partner says longer

Rotational: 2qt/ac alternate w/ other fungicide, 7-10 day interval

Pre-Plant Dip: 0.5% v/v suspension (2qt/100 gal H₂O) to plant, roots, crown for 5 min right before transplant

Chemigation: 2qt/ac, 3 wk interval at end of irrigation set, min 3 applications

KEY TARGET PESTS:

- Powdery Mildew
- Botrytis Fruit Rot
- Anthracnose



Venerate XC is your go-to broad-spectrum in-season bioinsecticide. Venerate XC is an excellent addition to existing IPM and resistance management programs.

BENEFITS:

- Broad spectrum protection against sucking and chewing insects, mites and certain weevils
- Multiple modes of action
 - Exoskeleton degradation
 - Ingestion
 - Molting interference
- Non-toxic to fish, birds, and most beneficial insects, including honey bees
- Flexibility of application with activity against adults and nymphs

BASIC USE INSTRUCTIONS:

Apply 1-4 quarts per acre on a 7-day interval. No limit on number of applications per season. No spray buffer needed.

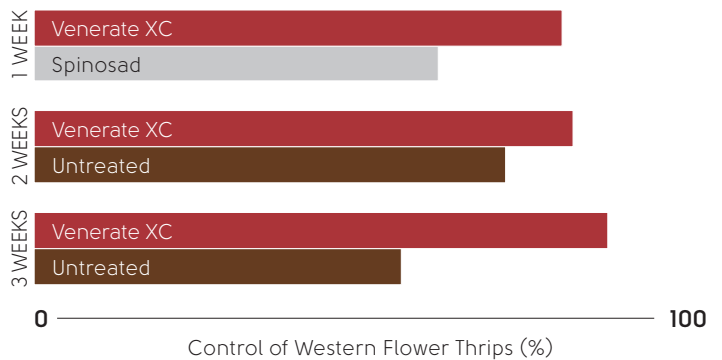
KEY TARGET PESTS:

- Spotted Wing Drosophila
- Thrips
- Leafrollers
- Lygus
- Whiteflies
- Armyworms

REGALIA-TREATED STRAWBERRIES 69% HEALTHIER



VENERATE XC CONTROLS 33% MORE THRIPS



“Towards the end of our season on our conventional side, the two-spots had gotten so bad. We’d thrown everything else we had at them, so I used Venerate to try to draw back the populations back and finish out the season. Going forward into another season Venerate will be the insecticide I go to for my organic side and it will be part of my conventional program as well.”

–JOEL CONNELL, GRIMES FARMS



Majestene is a bionematicide that controls or suppresses crop damaging nematodes to improve root health and increase strawberry yields.

BENEFITS:

- Economically sustainable liquid bionematicide
- Can be applied at planting and in-season for whole-season nematode control or suppression
- No plant-back restrictions
- Flexible application: soil drench, in-furrow, or chemigation like drip or sprinkler irrigation

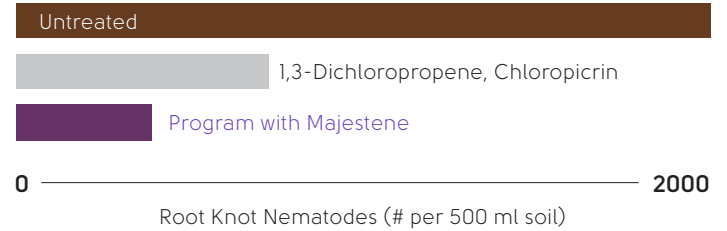
BASIC USE INSTRUCTIONS:

Apply Majestene as part of an irrigation event.
 At Planting: apply 2 gallons per acre in furrow.
 Sprinkler irrigation: apply 2.5 - 4 gallons per acre at 21-day interval

KEY TARGET PESTS:

- Root Knot Nematode
- Dagger Nematode
- Needle Nematode
- Lesion Nematode
- Stem Nematode

MAJESTENE REDUCES NEMATODES BY 80%



It's important to have relationships with companies like Marrone who look for alternative methods, chemistries and processes for safer products. Their people are experienced and know how best to use biologicals and on which target insects. Marrone helps us move forward to better meet consumer demand.

- JEFF LEWIS, RIVERVIEW FLOWER FARM

“MARRONE HELPS US MOVE FORWARD”

My spray regimen always has biologicals in it. Every time I spray, I've got biologicals in my spray. Every time the tank goes out, it's got it in there, and I'm keeping it on there. I've cut back my spray this year. I've done it three years in a row and I totally stand by it.

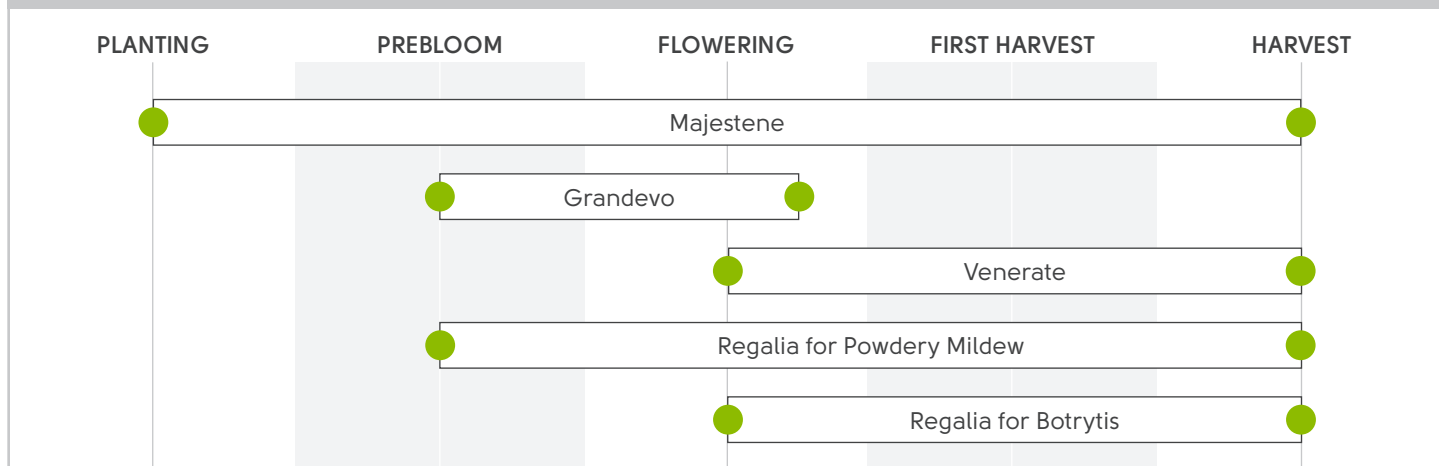
- MATT PARKE, PARKESDALE FARMS

“MY SPRAY REGIMEN ALWAYS HAS BIOLOGICALS IN IT”





TIMING OF APPLICATION



“A WHOLE NEW FRONTIER FOR TRADITIONAL GROWERS”

Biological solutions present a whole new frontier for traditional growers. They prevent the same problems traditional growers would be looking to prevent but in a way that is softer on the planet, the environment, the farmworkers, and the watershed.

- DAVID KNAUS, APICAL CROP SCIENCE



**If you haven't tried one of our products, we want to talk to you!
Give us a call at (530)750-2800 or visit us at marronebio.com**

