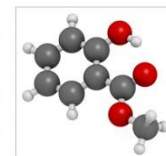


TetraCURB™ Concentrate



INSPIRED MOLECULAR SOLUTIONS™





- A proprietary blend containing rosemary essential oil for control and repellence of spider mites.
- Active Ingredient: Rosemary oil
- 25(b) Minimum Risk Pesticide
- Vertically integrated



Phyto-Molecules from Rosemary

Kemin is one of the most vertically integrated and sustainable suppliers of rosemary based products.



Breed

*Proprietary
Clonal Lines*

Propagate

Grow

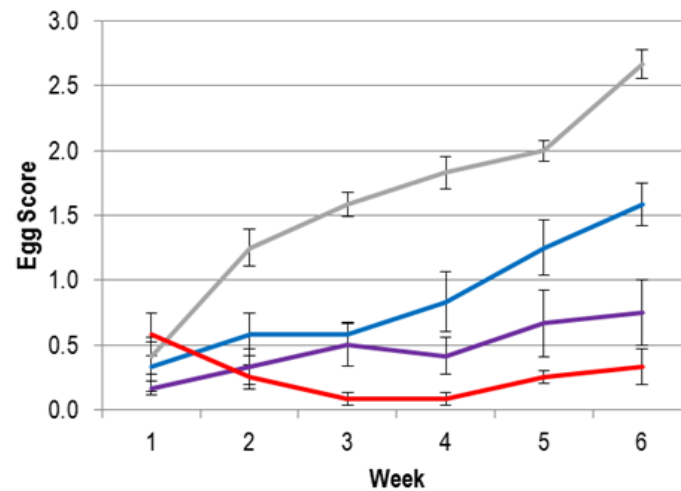
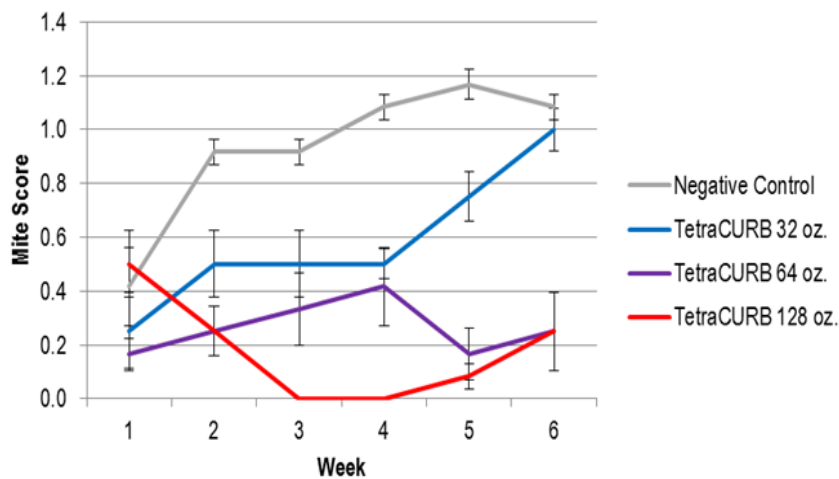
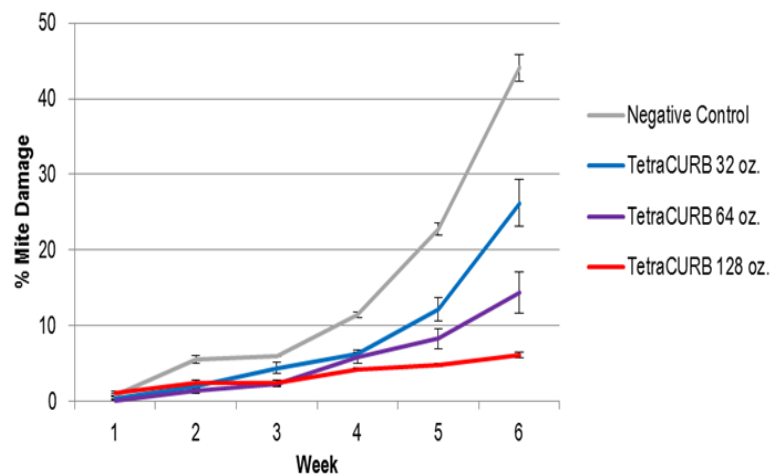
Extract

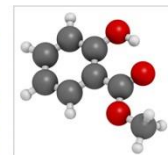
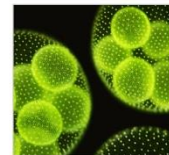
Blend

**Product
Development**

Market
CLS







- Botanical Treatment- shared plant defense mechanism
- Complex molecular components in the active ingredient for slower resistant development
- **Zero REI, Zero PHI**
- Longer interval between synthetic pesticide applications
- Effective control of two-spotted spider mite offering mortality and repellency
- Can be used in conjunction with biological programs





- Existing priorities that could fit current use of product:

Crop(s)	Problem	PR#
Hops	Abamectin/Two spotted spider mite, hop aphid	B00228
Hops	Flonicamid/Two spotted spider mite, hop aphid	B00238
Hops	Chlorantraniliprole/ Two spotted spider mite, hop aphid	B00230
Hops	Spinosad/Two spotted spider mite, hop aphid	B00253
Hops	Malathion/Two spotted spider mite, hop aphid	B00245
Hops	Propargite/Two spotted spider mite, hop aphid	B00250
Hops	Thiamethoxam/ Two spotted spider mite, hop aphid	B00257
Hops	Flupyradifurone/ Two spotted spider mite, hop aphid	B00241
Hops	Spinetoram/Two spotted spider mite, hop aphid	B00252
Hops	Naled/Two spotted spider mite, hop aphid	B00246
Hops	Mocap/Two spotted spider mite, hop aphid	B00236
Hops	Hexythiazox/Two spotted spider mite, hop aphid	B00244
Mint	Propargite / Two-spotted spider mites, mint bud mite	B00278



- Possible use against pests if positive efficacy work could be developed:

Fruit			Organic			Other			Orn Hort			Vegetable		
Crop(s)	Problem	PR#	Crop(s)	Problem	PR#	Crop(s)	Problem	PR#	Crop(s)	Problem	PR#	Crop(s)	Problem	PR#
Dragon Fruit (Pitaya)	Chilli thrip	B00065	Blueberry	Thrips	B00289	All crops	Thrips (chilli)	B00023	Crape myrtle	Crape myrtle bark scale	B00055	GH and field vegetables; tomato	Aphids and whiteflies; mites; psyllids; thrips	B00164; B00072; B00067; B00045; B00043
Pomegranate	Crape myrtle bark scale	B00056	Brassicas	Cabbage aphid	B00146	Honey bee	Varroa mite	B00015	GH floriculture and Orn Hort	Mealy bugs; spider mite	B00134; B00152			
						Honey bee	Tracheal mite	B00014	Roses, Gerbera	Thrips, whiteflies	B00133			



- Possible new uses continued:

Residue								
Crop(s)	Problem	PR#	Crop(s)	Problem	PR#	Crop(s)	Problem	PR#
Blueberry	Imidacloprid/Aphid, leafhopper, thrips, Japanese beetle, blueberry maggot	B00203	Cucumber (GH)	Permethrin / Whitefly, thrips, aphids, lygus	B00270	Tomato (GH)	Synergised pyrethrin / Whitefly, psyllids, aphids	B00261
Blueberry	Bifenthrin/Aphid, leafrollers, root weevil, scale, SWD, winter moth	B00205	Cucumber (GH)	Synergised pyrethrin / Whitefly, thrips, aphids, lygus	B00271	Tomato (GH)	Pymetrozine / Whitefly, psyllids, aphids	B00262
Blueberry	Flupyradfurone / Aphids, thrips	B00279	Cucumber (GH)	Spiromesifen / Whitefly, psyllids	B00272	Tomato (GH)	Pyriproxifen / Whitefly, psyllids, aphids	B00263
Cucumber (GH)	Abamectin / Whitefly, Lygus	B00266	Cucumber (GH)	Oxamyl / Mites, leafroller	B00273	Tomato (GH)	Dinotefuran / Whitefly, psyllids, aphids	B00264
Cucumber (GH)	Diflubenzuron / Whitefly, thrips, aphids, lygus	B00268	Tomato (GH)	Abamectin / Whitefly, psyllids, aphids	B00259	Tomato (GH)	Cyprodinil & fludioxonil / Whitefly, psyllids, aphids	B00265
Cucumber (GH)	Imidacloprid / Whitefly, thrips, aphids, lygus	B00269	Tomato (GH)	Imidacloprid / Whitefly, psyllids, aphids	B00260			

Thank You!



Amy Gandhi

amy.gandhi@kemin.com

515-829-9854

