



Track: Vineyard / Grower  
1:00pm - 2:00pm

Conference Track  
Presented by:



MODERATOR



**Nathan Miller**  
Branch Manager / Helena  
Agri-Enterprises



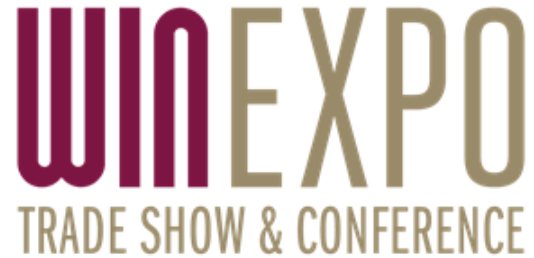
**Kelsey Leslie**  
PCA / Wilbur-Ellis



**Kyle McAbee**  
Owner / McAbee Ag  
Consulting



**Patrick Riggs**  
VP Viticulture / Jack Neal  
and Son Vineyard  
Management



# **Pest Management: Mitigating the Impact of Today's Pests and Preparing for Tomorrow's Threats**



MCABEE AG CONSULTING, INC.



*People... Products... Knowledge...*



**WILBUR-ELLIS**

Since  1968

**JACK NEAL & SON**

• vineyard management •

# VINE MEALYBUG (VMB)



Image: Mark Battany  
Copyright © 2016 Regents of the University of California



# LEAFROLL VIRUS



# MEALY BUG MATERIAL OPTIONS

---

# Foliar Material

## INSECTICIDES

PRODUCT	IRAC	ai	RATE	MAX APPLICATION
<u>Applaud</u>	16	<i>Buprofezin</i>	24 oz	2 apps.
<u>Movento</u>	23	<i>Spirotetramat</i>	6 - 8 oz	12.5 oz
<u>Belay</u>	23	<i>Clothianidan</i>	2 - 6 oz	12 oz
<u>Malathion</u>	1B	<i>Malathion</i>	1.88 pt	2 qt
<u>Lorsban Advanced</u>	<del>1B</del>	<del><i>Chlorpyrifos</i></del>	<del>3 # / 100 g H2O</del>	<del>3 # (1 app) / yr</del>
<u>FujiMite 5EC</u>	21A	<i>Fenpyroximate</i>	1 - 2 Pt	2 Pt (2 apps)
<u>FujiMite XLO</u>	21A	<i>Fenpyroximate</i>	1 - 2 Pt	2 Pt (2 apps)
<u>Baythroid</u>	3A	<i>Beta-cyflutthrin</i>	2.4-3.2 floz	12.8 floz
<u>Admire PRO</u>	4A	<i>Imidacloprid</i>	1 - 14 oz (DOP)	14 oz
<u>Macho 4.0</u>	4A	<i>Imidacloprid</i>	1.2 - 16 oz	16 oz
<u>Venom</u>	4A	<i>Dinotefuran</i>	1 - 3 oz	6 oz
<u>Assail 70 WP</u>	4A	<i>Acetamiprid</i>	1.1 - 2.3 oz	4.6 oz (2 apps)
<u>Actara</u>	4C	<i>Thiamethoxan</i>	1.5-3.5 floz	7 floz
<u>Sequoia CA</u>	4C	<i>Sulfoxaflor</i>	2.7-5.75 floz	17 floz
<u>Sivanto Prime</u>	4D	<i>Flupyradifurone</i>	12-14 oz	28 oz
<u>Checkmate VMB-F</u>	NA	<i>Lavandulyl senecioate</i>	0.89-1.78 floz	26.76 floz
<u>Omni 6E</u>	x	<i>Mineral Oil 98%</i>	0.25 - 3 g (DOP)	NO MAX

# Soil Material

<u>Product Trade Name</u>	<u>A.I.</u>	<u>IRAC Group</u>	<u>Rate/A</u>	<u>Max/Season</u>	<u>SIP</u>	<u>Soil/Foliar Label</u>
Soil Applied						
Admire Pro	<i>Imidacloprid</i>	4A	1-14 fl oz	14 fl oz	Y	Y
Nuprid Pro 4.6	<i>Imidacloprid</i>	4A	7-14 fl oz	14 fl oz	Y	N
Alias 4F	<i>Imidacloprid</i>	4A	8-16 fl oz	16 fl oz	Y	Y
Macho 4	<i>Imidacloprid</i>	4A	8-16 fl oz	16 fl oz	Y	Y
Montana 4F	<i>Imidacloprid</i>	4A	8-16 fl oz	16 fl oz	Y	Y
Imidacloprid 4F	<i>Imidacloprid</i>	4A	8-16 fl oz	16 fl oz	Y	Y
Platinum 75 SG	<i>Thiamethoxam</i>	4A	2.67-5.67oz	5.67 oz	Y	N
Venom	<i>Dinotefran</i>	4A	5-7.5 oz	7.5 oz	Y	Y
Belay	<i>Clothianidin</i>	4A	12 fl oz	12 fl oz	Y	Y



# Ant Materials

Product Trade Name      A.I.      IRAC Group      Rate/A      Max/Seas on      SIP      Soil/Foliar Label      Notes

Ant Materials

Altrevin	<i>Metaflumizone</i>	22B	1-3 oz	6 oz	Y		Protien Bait only, needs to be mixed with something sweet for Sugar type Ant
Esteem <sup>®</sup>	<i>Pyriproxyfen</i>	7C	1.5-2 lbs	43.6 lbs	Y		Protien Bait only, needs to be mixed with something sweet for Sugar type Ant
Clinch	<i>Abamectin</i>	6	1 lb	4 lb	N		
Seduce	<i>Spinosad</i>	5	20-44 lbs	514 lbs	Y		Sugar Bait
Sevin XLR Plus	<i>Carbaryl</i>	1A	0.5 qt/100gal	10 qt	N		

# SPOTTED LANTERN FLY



# Questions & Discussion



MCABEE AG CONSULTING, INC.



*People... Products... Knowledge...*



**WILBUR-ELLIS**

Since  1968

**JACK NEAL & SON**

• vineyard management •

# Thank You to Our Sponsors!

Presenting Sponsor



Silver Sponsors



Additional Sponsors

