

# 2004 GRAPE POWDERY MILDEW TRIAL RESULTS

Sil-MATRIX AT 2 QT per/100 (1300PPM S102) PER ACRE UNLESS OTHERWISE NOTED)

Incidence and severity% of Powdery mildew in grapes

TREATMENT	Ukiah, Ca		Walnut Grove CA	
	% Inc.	% Sev.	% Inc.	% Sev.
1. Sil-MATRIX +	40.5 b	4.75 b	11.3 b	1.7 b
2. Sil-MATRIX + alt w Abound/ Rally	0.0c	0.0 b	0.0 c	0.0 b
3. Sil-MATRIX alt w/ Abound / Rally	1.0 c	0.01 b	0.0 c	0.0 b
4. Sil-MATRIX+ alt w/ Abound Rally	2.0 c	0.02 c	0.0c	0.0 b
5. Sil-MATRIX+ alt w / Abound/ Rally pre-bloom	0.5 c	0.005b	0.0 c	0.0 b
6. Sulfur alt w/ Abound/ Rally - pre-bloom	0.0 c	0.0 b	0.0 c	0.0 b
7 UTC	82.5 a	22.05 a	73.8a	27.8 a

"+" applied with furfactant No Foam A

# 2004 GRAPE POWDERY MILDEW TRIAL RESULTS

Sil-MATRIX AT 3 QT per/100 (2000PPM S102) PER ACRE PER APPLICATION)

Incidence and severity % of Powdery mildew in grapes

TREATMENT	Traver, CA		Corvallis, OR		
	% Inc Cluster	% Sev Cluster	% Inc. Leaf	% Sev. Leaf	% Inc. Cluster
1. UTC	53 a	17.05 a	100 a	63.6 a	100 a
2. Sil-MATRIX	30 b	5.6 ab	100 a	43.5 b	100 a
3. Sil-MATRIX +	1 b	1.65 b	98 ab	30.3 bc	100 a
4. Kaligreen +	24 b	5.85 ab	95 ab	26.0 bcd	100 a
5. Sil-MATRIX+ mixed w/ Kaligreen	12b	1.95 b	83 bc	11.6 cde	88 ab
6. Wettable Sulfur	9 b	1 b	75 c	3,9 e	75 b
7. Sil-MATRIX+mixed w/Sulfur	3b	0.2b	85 abc	9.8 cde	100 a
8. Sil-MATRIX+ alt w/ w/ Abound then Rally	0b	0b	75 c	8.1 de	88 ab

"+" applied with surfactant No Foam A

# NUMBER OF TWO-SPOTTED MITES ON STRAWBERRY WOODLAND, CA

(BEEM CONSULTANTING, 2004)

Sil-MATRIX AT 3 QT PER/100 GAL (2000PPM S102) APPLIED AT 50 GPA]

Treatment	Two-Spot Mites			Predatory Mites	
	1DAA	4DAA	7DAA	1DAA	4DAA
UTC	11.2 a	7.92 a	28.76 a	0.7 a	1.04 a
Sil-MATRIX	7a	0.44 b	5.48 b	1.1 a	0.04 b
Agri-Mek	6.9 a	2.6 b	15.08 ab	0.3 a	0.04 b

\* note that additional Two-Spot and Predatory mites were transferred onto the plants on day 6

DAA = Days after application