

BASIC INFORMATION

TARGET	Grapevine mealybug (<i>Planococcus ficus</i>)
CROP	Grape, cv. Pinot Grigio (<i>Vitis vinifera</i>)
SPRAY VOLUME	1280 l/ha
LOCATION	Lodi, CA • USA
TRIAL DATE	2010
RESEARCHER(S)	D. Dunbar, R3 Ag Consulting LLC B. Bauer, Two Bees Agricultural Research

FIELD SITUATION

The spray program consisted of Movento® SC without and with **WETCIT**. Spray application was on 24 July 2010. There were 4 replicates with 3-4 vines per plot. Spray volume was 1280 l/ha and a mistblower sprayer was used. On 16 August, the percentage of infested bunches and the severity of bunch infestation was calculated. The honeydew was also rated.

CONCLUSIONS

Both treatments significantly reduced the percentage of mealybug infested bunches compared to the untreated check. Although there was no significant difference between treatments in terms of reduction in the number of infested bunches, Movento® + **WETCIT** was the best treatment with 3 % infested bunches. Movento® + **WETCIT** was clearly the best treatment in this test with a ZERO severity rating. Movento® + **WETCIT** reduced the mealybug infestation to such a low level that there was little or no honeydew in that treatment.

TREATMENT TABLE

TREATMENT	RATE
1 Untreated control	
2 Movento® SC (spirotetramat)	440 ml/ha
3 Movento® SC (spirotetramat) + WETCIT (0,25 % v/v)	440 ml/ha 3,2 l/ha

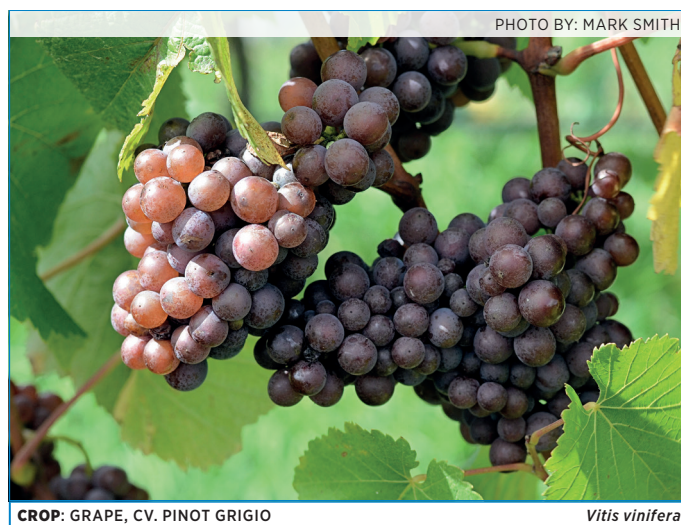


FIGURE 1

Severity of bunch infestation

With mealybug

ON 16 AUGUST AFTER DIFFERENT SPRAY PROGRAMS AT LODI, CA, 2010

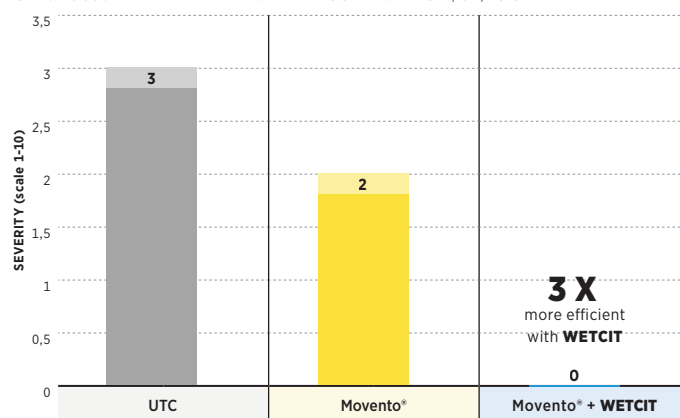


FIGURE 2

Percentage bunches infested

With mealybug

ON 16 AUGUST AFTER DIFFERENT SPRAY PROGRAMS AT LODI, CA, 2010

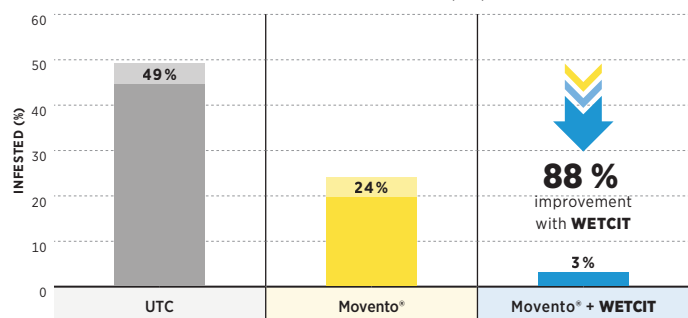


FIGURE 3

Honeydew rating

On fruit, leaves and stems

ON 16 AUGUST AFTER DIFFERENT SPRAY PROGRAMS AT LODI, CA, 2010

