



BASIC INFORMATION

TARGET	Apple scab (<i>Venturia inaequalis</i>)
CROP	Apples Variety: Golden delicious
LOCATION	Trelawney Farm, Villiersdorp • South Africa
TRIAL DATE	November - December 2011
RESEARCHER	J. Kotze, Oro Agri South Africa

FIELD SITUATION

A non replicated trial was done on apples to determine if the application of **WETCIT** has any effect on the germination of *V. inaequalis* conidia present during the application. Leaf samples with sporulating lesions were taken 3 days after the 1st application and again directly after the 2nd application (as soon as the spray had dried).

DISCUSSION AND CONCLUSION

A slight reduction in germination of conidia could be seen 3 days after the 1st application and a much stronger effect was clear after the 2nd application. Both the 100 ml/hl and 200 ml/hl rates reduced the germination of conidia visibly.

The inclusion of **WETCIT** in an apple spray program may reduce the infection pressure of apple scab by virtue of reducing the percentage germination of *V. inaequalis* conidia.

TREATMENT TABLE

1	Untreated
2	WETCIT 100 ml/ha
3	WETCIT 200 ml/ha



CROP

Apples

Variety: Golden delicious

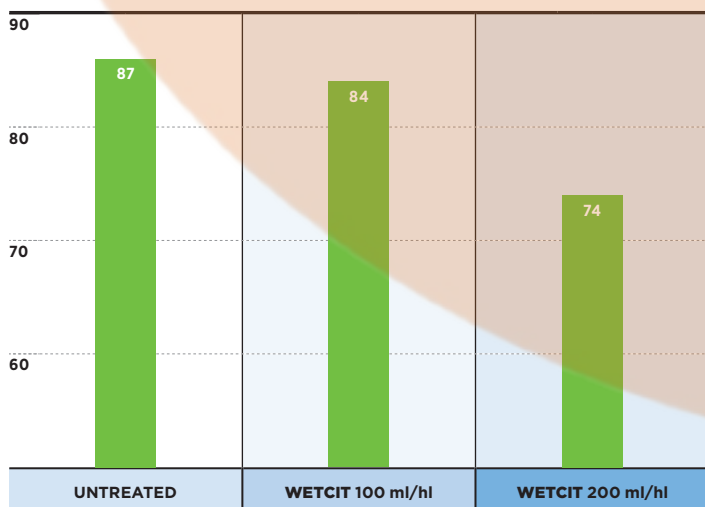


PEST

Apple scab

GRAPH 01

PERCENTAGE GERMINATION OF APPLE SCAB CONIDIA AFTER ONE APPLICATION



GRAPH 02

PERCENTAGE GERMINATION OF APPLE SCAB CONIDIA AFTER TWO APPLICATIONS

