

## FIRST EXPERIENCES USING MATING DISRUPTION AGAINST LOBESIA BOTRANA IN THE VINEYARDS OF SICILY

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Mating disruption method against *Lobesia botrana* (European Grapevine Moth, the only species present in that area) is been tested in and around the area of Sambuca di Sicilia, where it is located the company, Feudo Arancio, owned and controlled by Gruppo Mezzacorona. The company owns 270 hectares of vineyard in need of complete restructuring and as a consequence of this, during 2001 only 80 hectares were covered with the mating disruption method and 30 hectares more been planted during 2001 and about 30 hectares during 2002.

The results on the control over *Lobesia botrana* are interesting at the moment, even if around the whole area there is a low presence of that insect.

The performances of the Isonet-L diffuser (Shin-Etsu) are particularly interesting in hot and windy environment, such as the south-west area of Sicily.

**Key-words:** *Lobesia botrana*, mating disruption, Sicily.