

TWELVE YEARS OF PRATICAL EXPERINCE USING MATING DISRUPTION AGAINST LOBESIA BOTRANA AND EUPOECILIA AMBIGUELLA IN THE VINEYARDS OF 'CANTINE MEZZACORONA' LOCATED IN THE PIANA ROTALIANA VALLEY.

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In Trentino, a north-east Region of Italy, the application of the mating disruption method against *Lobesia botrana* (European Grapevine Moth) is growing: at the beginning only 14 hectares were involved in this program, against the 8000 hectares in 2002 (it's about the 90% of the entire viticultural area around Trento).

The mating disruption method used to be applied only against *Lobesia botrana* till 1999, than, since 2000 it has been used also for *Eupoecilia ambiguella* (European Grape Berry Moth).

Since 1991 Cantine Mezzacorona is concerned about the application and development of this method and, since 2001 each member of the cooperative has been involved in its adoption, in fact during 2002, in the Piana Rotaliana Valley, 1100 hectares of vineyards have been cultivated with the use of Mating Disruption.

The results on the *Lobesia botrana* keep be interesting in time, and its efficiency is proved on the entire surface under analysis.

The first apparitions of *Eupoecilia ambiguella* date back to 1999, especially in hilly areas closed to woods and since 2000 *Eupoecilia ambiguella* and *Lobesia botrana* have been controlled together with Isonet L+E (Shin-Etsu).

During 2000/2001 those areas were both these two species were present grew and, as a consequence, the mating disruption method, both against *Lobesia botrana* and *Eupoecilia ambiguella* had to deal with the totality of the 1100 hectares.

The first results are positive about the control of the two most important vine's insects.

Key-words: *Lobesia Botrana*, *Eupoecilia botrana*, mating disruption.