

ISONET L E

a new approach to controlling
Lobesia botrana (Grape vine moth) and
Eupoecilia ambiguella (European grape berry moth)



SPECIFICATIONS

The **Isonet L E** controlled-release dispenser contains synthetic pheromones that are chemically similar to the natural pheromone produced by *Lobesia botrana* and *Eupoecilia ambiguella*. The dispenser is composed of two parallel polymer tubes filled with a specific pheromone mix. The tubes are joined at the outer edges and open in the centre.

APPLICATION

Isonet L E dispensers must be positioned in spring **PRIOR** to the flight of over wintering generation of insects. The dispensers should be hung over the branches of the vines, taking care to avoid exposition to direct sunlight. The opening of the dispensers should not be forced as this may lead to breakage of the tubes.

MONITORING

Mating disruption success relies on frequent monitoring of the insect population in such a way that, if necessary, prompt action may be taken in order to lower population numbers. Thus monitoring traps should be placed throughout the vineyard (and especially at the edges of the area covered) and inspected on a weekly basis throughout the season. If the mating disruption technique is functioning properly, the monitoring traps will collect almost no insects. Regular inspection of the monitoring traps, especially during the period of flight of the first generation of insects, is fundamental to determining whether additional treatment is necessary. At least 100 bunches of grapes in the centre and at the edges of the vineyard should be inspected per week in such a way that the area may be additionally treated should damage to grapes exceed the established limits of 5% bunches with nests be exceeded. In addition, the presence of second and third generation eggs should be checked regularly in order to generate a risk estimate and enable the timely implementation of action to prevent further crop damage. On conclusion of the flight of the second generation, the vineyard should be inspected once again and further protection from insect damage be implemented should larvae be present in 3-5% of grape bunches.



vines



ISONET LE



CROPS

Vines

TARGET INSECTS

Grapevine moth (*Lobesia botrana*) and
European grape berry moth (*Eupoecilia ambiguella*)

APPLICATION RATE

500 dispensers per hectare, plus additional
borders reinforcement

STORAGE CONDITIONS

Stored in its **original packaging** at 5°C
temperature, the product will keep for 2 years.
When the product is **refrigerated** for use the
following season, take it to room temperature
one month prior to field application.

COMPOSITION

(E,Z)-7,9-Dodecadienyl acetate,
(Z)-9-Dodecenyl acetate

CLASSIFICATION

Xi, N - R38. Irritating to skin – R51/53.
Toxic to aquatic organisms, may cause long term
adverse effects in the aquatic environments.

PACKING SIZE

Pack of 100 dispensers
Pack of 400 dispensers
Box of 5.600 dispensers

