

MELOCONT and GRANMET, two new fungal pest control products produced by AGRIFUTUR

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AGRIFUTUR was founded in 1983

Mission:
applied microbiology for
nutrition and plant
protection.



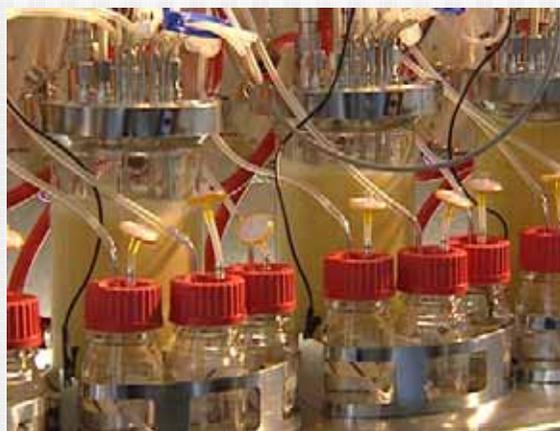
Where is AGRIFUTUR?



North of Italy in between Milan and Venice.



AGRIFUTUR technology



Scientific Park in Lodi (Milan)



**Parco
Tecnologico
Padano**
La Ricerca si fa impresa

 **Agrifutur**
MICROORGANISMI UTILI

Interaction between Pest Organisms, Fungal Pathogens and Environment



Crops effected: Arable, Fruits, Orchards, Forest, Meadows, Pastures, Sport fields, Vineyards, Ornamentals

Factors influencing the effectiveness of fungal BCAs:

- Climatic
- Edaphic
- Biotic
- Man

Pest Organisms:

Cockchafer
Garden chafer
June chafer
Weevils

Fungal Pathogens:

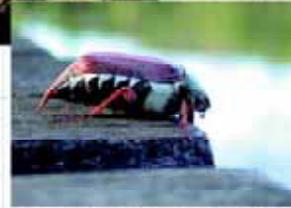
Beauveria brongniartii
Metarhizium anisopliae

BIPESCO



New Entomopathogens?

MELOCONT®



MELOCONT® is a product based on the entomopathogenic fungus *Beauveria brongniartii* strain **BIPESCO 2** which is highly selective and effective. Initial studies on the potential of this organism were carried out as part of the EU-funded BIPESCO project (1999-2002). The product was then further developed together with the BIPESCO consortium coordinated by Innsbruck University.

Beauveria brongniartii strain **BIPESCO 2**, is selective against *Melolontha melolontha* and *M. hypocausti* at each developmental stage (i.e. eggs, larvae and adults).

MELOCONT® formulation is on barley granules that are usually applied to the soil with a simple, modified sowing machine. Other methods of application are also possible.



MELOCONT® has been used with great success in apple orchards, on potatoes, alpine grasslands, Christmas tree nurseries and forests of Central Europe

MELOCONT® strain **BIPESCO 2** is registration pending (Dir. 91/414/EC).



*New life
in Agriculture*

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GRANMET®



GRANMET® is a product based on the entopathogenic fungus *Metarhizium anisopliae* strain **BIPESCO 5** which is highly selective and effective. Initial studies on the potential of this organism were carried out as part of the EU-funded BIPESCO project (1999-2002). The product was then further developed together with the BIPESCO consortium coordinated by Innsbruck University.

GRANMET® controls several insects including *Phyllopertha horticola*, *Amphimallon solstitiale*, *Otiorhynchus sulcatus*, grape phylloxera (*Viteus vitifoliae*), *Agriotes* spp and ticks.



The **GRANMET®** formulation is on cereal granules that are usually applied to the soil with a simple, modified sowing machine. Powder formulation is also available.

GRANMET® has been used with great success on crops, in horticulture, on flowers, alpine grasslands, golf courses, vineyards, forests and parks.



GRANMET® strain BIPESCO 5 is registration pending (Dir. 91/414/EEC).

Agrifutur
BENEFICIAL MICROORGANISMS

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Important



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Without Biologicals NO sustainable Agriculture!

Important



Without Biologicals NO sustainable Agriculture!
Then we need, we deserve, we want our own Directive!

Many thanks

especially
to IBMA Global
and FIBL.

