



Biobeds in Italy

The company



- **Decrease** the environmental impact of chemical agriculture
- **Add quality** values to plant production: “clean producer”
- **Development** of a **sustainable** agriculture



- Strong expertise in **microorganisms management**
- **Innovative** products
- Biobeds
- Bio fertilizers



- Ecotree, Qualiredfruits
- Ecomol, Biochem, Agrobiocat
- Ecozoo



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Expertise and certification



for
the **production**
and
the **supply**



for
the **promotion**
and
the **commercialisation**

Italian biobeds

Italian market proposition



Bio Soil Expert Agribiobed



Syngenta Héliosec



Ventosol Ecobang



Basf Osmofilm



European regulation

European directive **2009/128/CE** for the sustainable use of pesticides

Italian PAN

National Action Plan for the sustainable use of plant protection products (Art. 6 **del D.lgs 14 agosto 2012, n. 150**) adopted with DM 22 gennaio 2014 (pubblicato su Gazzetta Ufficiale n. 35 del 12/02/2014).

+	<ul style="list-style-type: none">• First text adopted with full range of indication• Mandatory within the 01 January 2015 for art. 6
-	<ul style="list-style-type: none">• Definition of «waste»• Definition of «temporary» storage• What about the re-cycling waste?• Definition of the parameters for the system certification• Installation certification?



Not **defined** regulation

PIANO D'AZIONE NAZIONALE
or PAR

What are **the rules**?



Who is **controlling** ?



Who is **certified** to install?



PSR (rural development program)

- **misura 4.1:** Support for investment in the profitability, competitiveness and sustainability of farms
- **misura 6.1:** Support for young farmers

Region	Beginning	End	% funds
Marche		31/03/2016	35-40
Molise		31/07/2016	35-40
Lombardia	12/07/2016	23/09/2016	35-55
Bolzano	05/07/2016	30/09/2016	60
Calabria	28/06/2016	30/09/2016	35-40
Valle d'Aosta	04/07/2016	30/09/2016	35
Friuli Venezia Giulia	10/08/2016	31/10/2016	35-50
Toscana	27/07/2016	31/10/2016	40
Lazio	03/05/2016	15/01/2017	40
Emilia Romagna	End of 2016		40-60
Trento	03/01/2017		30-40
Puglia			35-40
Basilicata	20/12/2016		35-40
Sicilia	23/08/2016		35-40
Piemonte	End of 2016		40-60
Veneto	November 2016		40-60

Each region publish one or more calls. Depending on the final score the funds are appointed

Although everything is stopped due to the fact that nobody wants to take the decision!

Important companies like wineries that sell abroad need to show the **sustainability** of their **production**!

Some regions are promoting the sustainable use of PPP
(Project Regione Lombardia)

How big is the biobed I need for my farm?

Mybatec solution

■ Diagnosis:

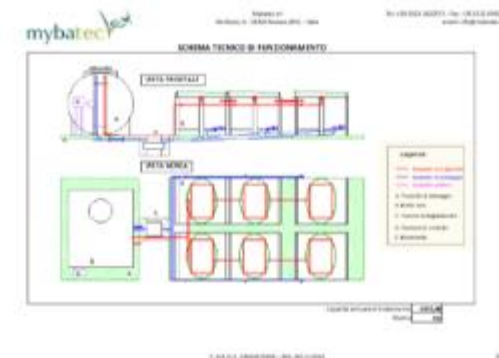
For each realization project, Mybatec makes a diagnosis of sustainable management of pesticide waste thanks to the compilation of the volume data from the company



■ Sizing:

Mybatec achieves a sizing plan and provides guidelines for:

- the realization of the washing area
- connections from the washing area to the Phytobac®



■ Quotation

Installation and training

■ At customer's charge:

- Realization of the excavation, grading and masonry : washing area, location of the tanks area, preparation for the laying of the wells. Construction of a power line to power the system.
- Electrical connections

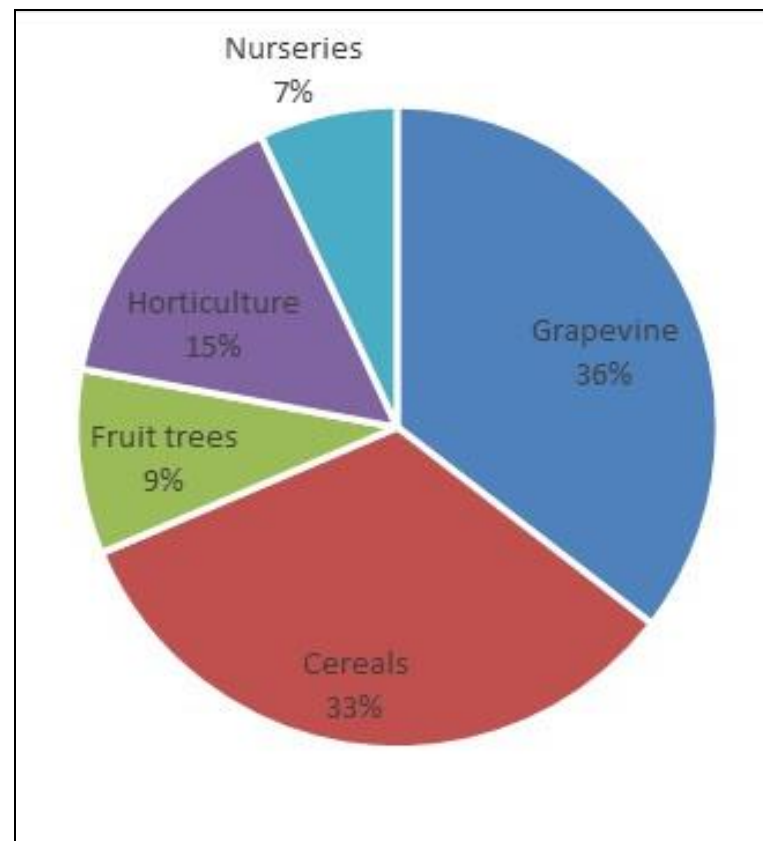
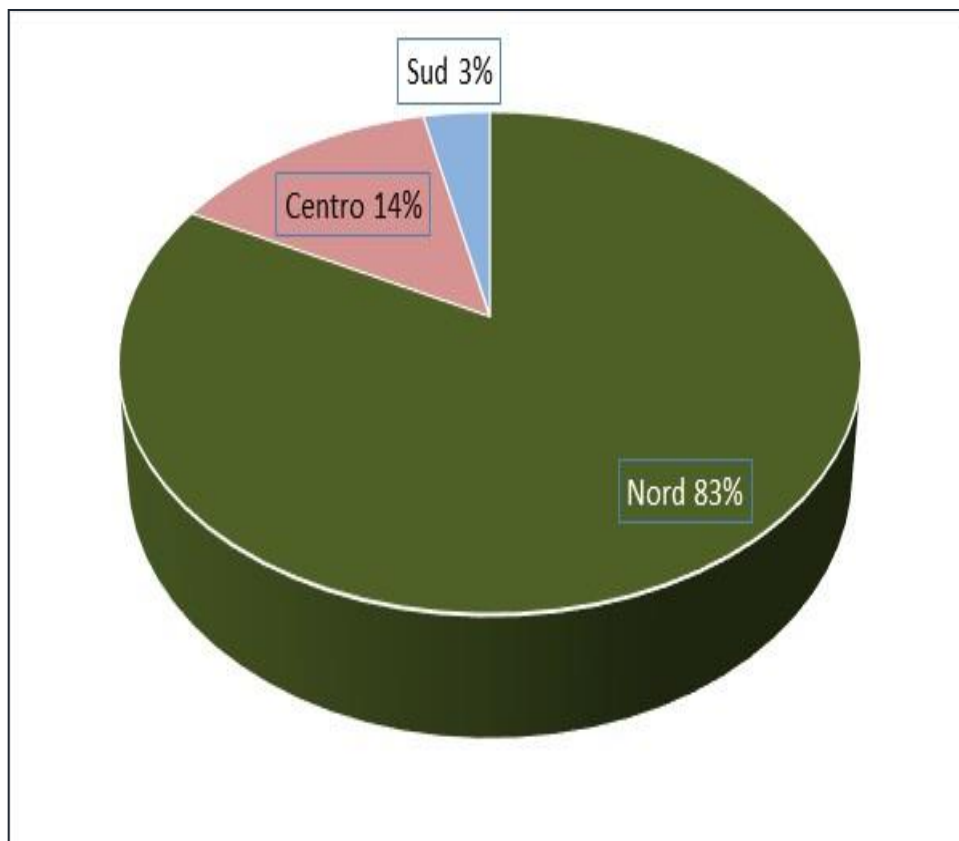
■ At Mybatec charge:

- Delivery and installation of the Phytobac®
- Start up and testing of the Phytobac®
- The Phytobac® certification
- Training of the staff involved in the operation of the washing



Phytobac[®] in Italy

Some data



Some examples



Seed producers



Wineries (small)



Wineries (medium)



Wineries (large)





Fruit trees





**19 organized events between
May and October 2015**



- Problem of **copper** in the substrate
 - R&D program on a new vegetal filter
- How to **evaluate** exactly the volumes really used?
 - Adapted questionnaire
- How to **wash** ?
 - Development of washing protocols
- Phytobac **adapted** for small companies
 - Development of a miniPhytobac
- Increase of the degradation capacity
 - R&D program on a new mix of microorganisms and plants



Thank you

® marchio registrato Bayer



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