



Phytobac®, french experience

1996 to 2010, adaptation of the
swedish biobed to the decree of
September 2006,
the current situation




Phytobac®, french experience

- Phytobac® development
- Phytobac® benefits
- Phytobac® management by Bayer CropScience
- Individual Phytobac®
- Collective Phytobac®



Phytobac® , development

- ✓ Biobed idea was taken up by Bayer CropScience France, because of simplicity, biological functioning, entire destruction of the waste in the farm
- ✓ Phytobac® concept get two differences compared to the biobed:
 - Biomix is contained in an isolated tank
 - Biomix must be as a cultivated soil (ground and straw)
- ✓ Farmers were enthusiastic, in spite of officials reluctance
- ✓ Because this enthusiasm we have carried on with Phytobac: informations, lobbying, trials, pilots
- ✓ Since 2002, officials have recognized Phytobac® interest.
- ✓ A decree, in September of 2006, gave a procedure for recognition of waste water treatment systems
- ✓ A thousand of Phytobac® and « lits biologiques » are in place at present



Phytobac® benefits

- ✓ Safety for environment (water)
- ✓ Easy to use, greater awareness of good agricultural / spraying practices
- ✓ Biological degradation, as in soil, the basic know-how of a farmer
- ✓ Energy need very low
- ✓ Complete management of the effluents on the farmyard
- ✓ Pedagogical plus for pesticide dégradation in the soil



Management Phytobac®

Bayer CropScience management of Phytobac® activity

- ✓ Experts training, capables of arranging, using and supervising a Phytobac® (490 experts)
- ✓ Two suppliers of ready to use kits Phytobac, Biotisa and Hermex
- ✓ Phytobac® Online support for experts:
 - Model for arranging a Phytobac, supervising
 - Conformity certificate
 - Technicals and regulation Informations

Individual Phytobac®

- ✓ Construction with the help on an expert



**Domaine de
Gallienne
Région de
Cognac**

Individual Phytobac®

✓ Kits Biotisa



Lycée agricole d'Aix Valabres
(13)



Ville de Roquebrune-Cap
Martin (06)

Individual Phytobac®

✓ Kit Hermex



Lycée agricole d' Orange
(84)

Collective Phytobac®



**CSGV à Avize
(51)**

**Saint Bonnet près Riom
(63)**