LIFE ENVIRONMENT
2005

SAPID

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Strategy for
Agricultural
Products
Identity
Defence

The SAPID LIFE results: a new Identity Preservation strategy

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SAPID ACTIVITY LOCALIZATION

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Aim of the project

Thanks to environmental characteristics and to the socio-economical features of the agriculture sector, the Marche Region is a territory where GMO/No GMO coexistence risks to make one or more productive models disappear, especially the biological and quality production, unless controlled by law.

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Aim of the project

The aim of the SAPID project is to identify strategies and instruments, at territorial (local Institutions) and company (supply chains, producers), level in order to guarantee the separation of the production lines and to avoid contamination, even accidental, with GMO.

Project activity

the strategies of coexistence management at company and territorial level

- **coexistence Plans** ;
- **SAPID index for hazard prevention** (methods to be applied on wide areas by public institutions in charge of checking and preventing GMO pollution)
- **Standard Identity Preservatione** for certification supply chain (no GMO production regulations)
- **Self-evaluation systems** for accidental GMO contamination risks

Project activity

SAPID index for hazard prevention

Centro per la Modellistica Ambientale
Università degli Studi di Urbino "Carlo Bo"

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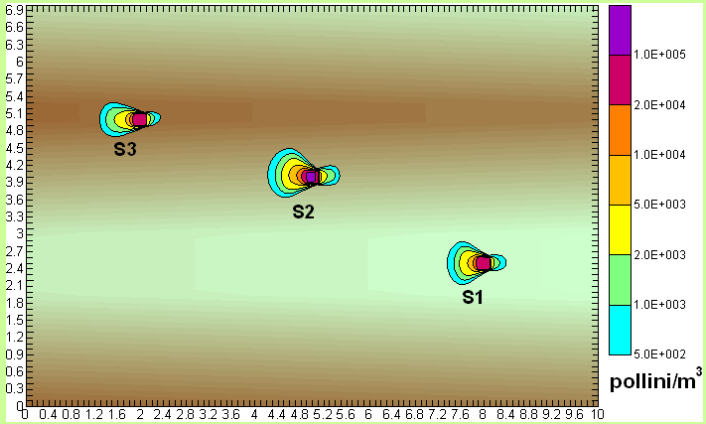
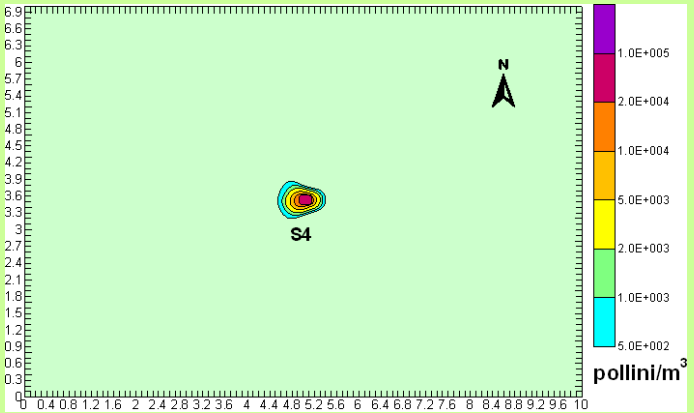
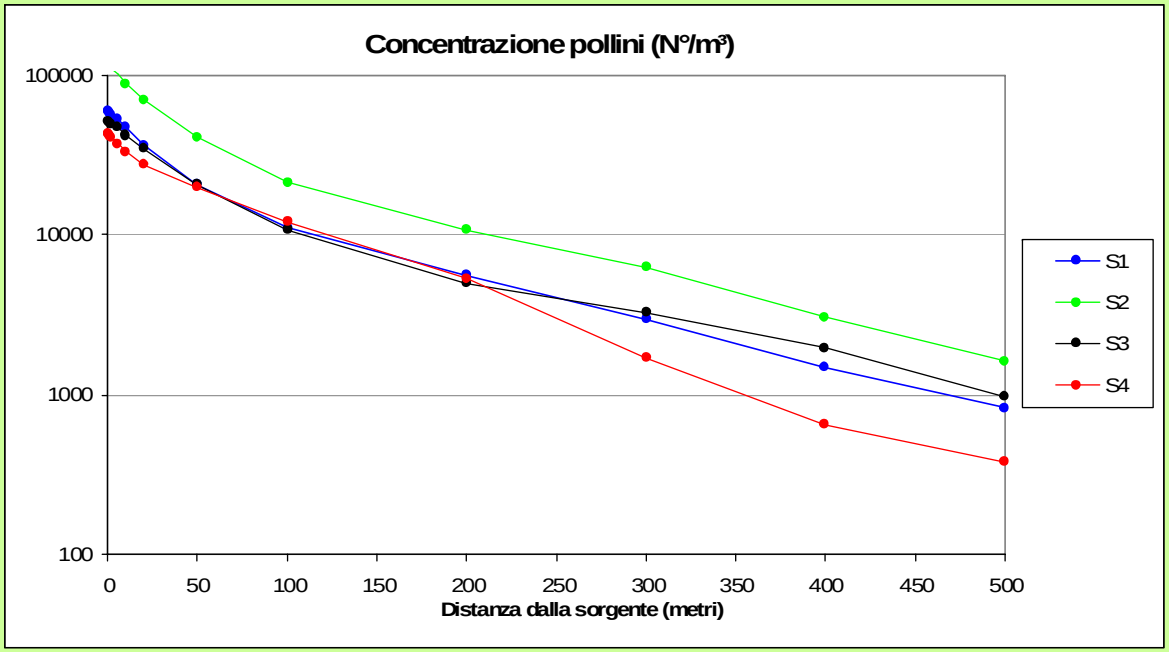
Project activity

SAPID index for hazard prevention







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Project activity

Experimentation and validation of operative tools

tests to evaluate diffusion of corn pollen (simulation of genic flow), for which chromatic markers are used because of the prohibition of GMO cultivation on the Italian and regional territory;

test to evaluate possible contamination along agro zoothecnical production lines.

The results of these activities prove how difficult it is to erase GMO contamination on the field and in the remainder of the supply chain

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Project results

The reasons of the **difficult to erase GMO contamination** are manifold and they are linked, in particular, to:
regulatory uncertainty,
high management costs of *hard IP*,
different awareness of operators on the issue of coexistence,
above all in the current moment of economic crisis

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Project results

Such elements have highlighted the need to define planning instruments to identify the contexts in which there are the right conditions to guarantee an effective identity protection of quality productions.

This analysis led to the definition of *GMO free district*: an area, possibly an administrative unit, where to apply, with the agreement of all the operators, a moratorium on GMO cultivation, marketing and use.

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Project results

The advantage of a GMO free district over an IP spread on broad areas is related to:

- **the identification of more issue-sensitive areas (presence of quality productions, organic farming diffusion, support by local administrations);**
- **the possibility to apply with greater effectiveness the coexistence instruments identified (operators' training, production specification, detailed monitoring plans);**
- **the reduction of coexistence costs through the direct management of services such as monitoring, laboratory analysis, certification costs, borne by local institutions/public bodies;**
- **the possible enhancement of the whole territory, with positive consequences for farmers (e.g., enhancement of the short supply chain).**

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Project Aim **Disseminate at EU level the obtained technical/operative results.**

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THANKS YOU FOR YOUR ATTENTION

BY

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