



European Network for the durable exploitation of crop protection strategies

IA3 Activity: Human resource exchange

ENDURE - Internal Mobility

Final activity report

(The form has to be filled in and sent to the activity leader – message should be sent to his p.a. elisa.scanzi@ibaf.cnr.it – within 15 days after the end of the visit)

Topic of the visit

1. Information about researcher and sending partner

Name and surname: Mihály Zalai

Professional status: PhD student

Sending partner: Szent István University, Hungary

Institute/Department/Research Unit: Plant Protection institute

Address: 1, Páter K. Street, Gödöllő, Hungary

E-mail and phone number of the researcher:

Zalai.Mihaly@mkk.szie.hu

Supervisor name*: Zita Dorner

Supervisor e-mail*: Dorner.Zita@mkk.szie.hu

Supervisor phone number*: +36-28-522-000/1778

*Supervisor information only for PhD student, post-doc and junior researchers

2. Information about hosting partner

Hosting partner: Scola Superiola Sant'Anna

Institute/Department/Research Unit: LandLab

Address: 33, Piazza Martiri della Libertà, Pisa, Italy, 56127

Supervisor name*: Prof. Paolo Bárberi

Supervisor e-mail*: barberi@sssup.it

Supervisor phone number*: +39-050-883.525

* For senior scientist indicate the name of the collaborating colleague

3. Information about the visit

Duration: 1 month

Starting date: 16 March 2009

Ending date: 10 April 2009

4. Description of the activities and outcomes

Background and context:

I study weed species and weed control methods in Hungary for my PhD thesis. I am engaged in research of weed control without pesticides. I search methods which are used in practice in the world and are suitable to control against weeds. The Hungarian and the Italian climate are quite similar. There are weed species which are very important and dangerous in both countries.

Objective:

I would like to study which kind of weed control technology are used in the North-Italian area and which are the most important weed species. I would like to study what instruments are being able to use on the fields with different type of soils. What differences are between the weed control methodologies in organic farming?

Activities carried out:

I studied the most important weed species in Tuscany area. I could state the most important species are same on Italy and in Hungary. In both countries could be used same cultivation instruments. A bit different weed control technologies are being able to use in the two countries because of the times of growing stages of weeds. But these technologies could include same methods and instruments.

5. Links between visit activity and ENDURE

I could take part in a research which tries to give an answer what is the reason of the different growing of weeds all over Europe. Are these differences only because of the different climate or are they because of the genetically differences.

Our Institute is member of the ENDURE RA 4.5 Working Group "Weed biology and management". I could collect information about weed species which are present in the Weed Traits Database (WTDB).

6. Impact

Added value for the researcher:

I have got some new information about:

- Important weed species in North-Italy
- Generally used technologies against weeds
- The system of organic farming in Italy
- The effect of non-chemical weed control

Added value for sending partner and hosting partner:

I the (CIRAA) experimental farm I could carry out the weed flora of the Tuscan area. I had possibilities to know the used control technologies.

Date of submission

28 April 2009



Dr. Maurizio Sattin
IA3 activity leader

Approved

