

Curriculum Vitae

Personal information

First name / Surname	Eligio Malusa'
Address	Strada Baldissero 32, 10023 Chieri (TO)
Skype	eligio.malusa
E-mail	malusa@inrete.it; eligio.malusa@entecra.it
Nationality	Italian
Date of birth	May 22 1960
Gender	Male

Work experience

Dates	2009 – on going
Occupation or position held	Associate Professor
Main activities and responsibilities	Research on: IPM and Organic farming Use of soil microorganisms in organic farming
Name and address of employer	Research Institute of Horticulture - Skierniewice
Type of business or sector	Research
Dates	October 1995 – on going
Occupation or position held	Researcher
Main activities and responsibilities	Research on: Physiology of plant nutrition Food quality in relation to agricultural practices (e.g. organic farming and integrated productions) Development of several scientific projects at regional, national and EU level (VI FP, Cost, Life) Several fellowships (form OECD, Ministry of Foreign Affairs, etc.) in EU countries (Poland, UK)
Name and address of employer	Agricultural Research Council - Research Centre for Plant Soil System
Type of business or sector	Research
Dates	April 2014 – on going
Occupation or position held	Team Leader
Main activities and responsibilities	In charge of EU-funded project activities in Lebanon (FWC Project Support to the Phytosanitary Services of the Lebanese Ministry of Agriculture for import/export of plants and plant products), technical management of the project, provision of technical expertise in the area of quality food and phytosanitary controls.
Name and address of employer	Opera Viale Parioli 69 Roma – Italy
Type of business or sector	Institutional building – Technical consulting
Dates	September 2011– March 2013
Occupation or position held	Resident Twinning Advisor (RTA)

Main activities and responsibilities	In charge of EU-funded project activities in Jordan (ENPI Project JO 10/ENP-AP/AG10 Capacity building for Ministry of Agriculture in the field of EU third country listing criteria for plants and their fresh products), technical management of the project, provision of technical expertise in the area of quality food and phytosanitary controls.
Name and address of employer	Agricultural Research Council - Research Centre for Plant Soil System seconded to the Fondazione Minoprio Viale Raimondi 54 22070 Vertemate con Minoprio – Italy
Type of business or sector	Institutional building – Technical consulting
Dates	March – September 2013
Occupation or position held	Training Coordinator
Main activities and responsibilities	Organization and coordination of trainings in the framework of the Better Training for Safer Food” (BTSF) initiative of the EU Commission
Name and address of employer	Research Institute of Horticulture Ul. Pomologiczna 18 96-100 Skierniewice – Poland
Type of business or sector	Institutional building – Technical consulting
Dates	January 2011– April 2011
Occupation or position held	Team Leader
Main activities and responsibilities	Leading the group of consultants of the project in Bosnia and Herzegovina (Support to the plant health administration of Bosnia and Herzegovina). Technical management of the project, provision of technical expertise in the area of plant protection products registration and phytosanitary controls.
Name and address of employer	Agriconsulting Europe Rue de Tervuren Brusselles – Belgium
Type of business or sector	Institutional building – Technical consulting
Dates	June 2007 – June 2008
Occupation or position held	Mid-term and Short-tem expert (Component Leader)
Main activities and responsibilities	Coordinating the activities of projects related to quality schemes in Poland under EU Transition Facilities Program at technical level. Providing technical input related to specific issues (development of national legislation and secondary legal provisions, establishment of food control systems, laboratory methods and accreditation issues)
Name and address of employer	Agency for Cooperation of Local Authorities Via Vittorio Amedeo II, 24 10121 Torino – Italy
Type of business or sector	Institutional building
Dates	October 2005 – November 2006
Occupation or position held	Resident Twinning Advisor (RTA)
Main activities and responsibilities	In charge of EU-funded project activities (Transition Facilities Project PL 04/IB/AG02 Strengthening Administrations responsible for phytosanitary and fertilizer issues), technical management of the project, provision of technical expertise in the field of registration of plant protection products and fertilizers

Name and address of employer	Agricultural Research Council - Research Centre for Plant Soil System seconded to the Agency for Cooperation of Local Authorities Via Vittorio Amedeo II, 24 10121 Torino – Italy		
Type of business or sector	Institutional building – Technical consulting		
Dates	April 1988 – October 1995		
Occupation or position held	Inspector		
Main activities and responsibilities	Control of foodstuff and agricultural products (Protected Denominations, technical inputs, plant protection products) on the base of national and European legislation. In charge of the surveillance activities for organic farming In charge of the IT system implementation for control purposes.		
Name and address of employer	Ministry of Agriculture – Main Inspectorate for Food Fraud Control		
Type of business or sector	Public administration		
Education and training			
Dates	July 2012		
Title of qualification awarded	Habilitation (Habilitation)		
Principal subjects/occupational skills covered	Professorship in horticultural sciences		
Name and type of organisation providing education and training	Institute of Horticulture – Skierniewice - Poland		
Dates	November 1988 – October 1991		
Title of qualification awarded	PhD		
Principal subjects/occupational skills covered	Horticulture (Genetics) Development of molecular biology methods for DNA analysis of fruit trees		
Name and type of organisation providing education and training	University of Turin – Dept. of Horticulture University of California – Davis, Dept. of Horticulture		
Dates	November 1980 – February 1987		
Title of qualification awarded	Laurea Degree (M.S.)		
Principal subjects/occupational skills covered	Agricultural Sciences		
Name and type of organisation providing education and training	University of Turin		
Personal skills and competences			
Mother tongue(s)	Italian		
Other language(s)			
Self-assessment	Understanding	Speaking	Writing

<i>European level (*)</i>	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Polish	B2	B2	B1	B1	A1
French	A2	A2	A2	A1	A1

(*) *Common European Framework of Reference for Languages*

Social skills and competences	<p>Very much adapted to team work, leading it when needed or requested</p> <p>Ability to adapt to multicultural environments thanks to work in different countries and with people of different background</p> <p>Good communication skills acquired by mean of specific courses and daily work activity</p>
Organisational skills and competences	<p>Leadership skills acquired in scientific activity, in developing and conducting projects at international level and as director of NGO;</p> <p>Good organizational skills gained in the management of complex projects at EU level involving several Institutions and experts from different countries</p> <p>Problem solving approach</p> <p>Decision making</p> <p>Implementing changes</p>
Technical skills and competences	<p>Scientific, legal and administrative knowledge with specific expertise on:</p> <p>a) research and laboratory activity also in collaboration with private companies, thus with activities concerning Intellectual Property, in:</p> <ul style="list-style-type: none"> - organic farming, integrated production, soil management - foodstuff quality, analysis of plant protection products residues, <p>b) leader of several national and international research projects within different EU programs (FP 6, FP 7, CRAFT, COST)</p> <p>c) Evaluator for the EU Commission DG Research of projects proposals under the FP 7 (2010 and 2012)</p> <p>d) Peer-reviewer of several international scientific journals</p> <p>e) development and implementation (as RTA and Team Leader) of several EU projects under various programmes dealing with plant protection products, organic farming, quality schemes and phytosanitary aspects (leading the group of experts, advising institutional building, managing tender procedures): PHARE, Transition Facilities, TAIEX, Research Framework Programme, INTERREG (see Annex II)</p> <p>f) control and supervision according to EU and national legislation in agro-food sector specifically on:</p> <ul style="list-style-type: none"> - EU protected denominations of food (PDO and PGI) and national protection schemes (Integrated Production), - organic farming, - technical inputs (plant protection products, fertilizers, seeds) - phytosanitary controls <p>g) extension activity as Director of NGO for development of horticulture, and as trainer under several EU-funded projects related to organic farming</p>
Computer skills and competences	<p>Proficient in the use of most Microsoft Office programmes;</p> <p>Experienced on several other specialized software (i.e. for statistic Prism3, for media editing ImageMixer).</p>

Other skills and competences	Delivery of presentations and informal talks Cooking
Driving licence	Full Italian driving licence (cat. B)
Additional information	<ul style="list-style-type: none"> ➤ Expert for the EU Commission under the TAIEX programme: missions performed in the area of phytosanitary control (Albania Nov. 2008), protected denominations (Poland 2006, Jordan 2011), organic farming (Latvia 2006, Moldova 2014), project evaluation (Jordan 2014). ➤ Director of NGO (Institute for Horticulture “A. Geisser”) from 1995 to 2002 ➤ Member of the Board and Vice-President of the Regional Park of Stupinigi from 1997 to 2000 ➤ Expert on invitation of the Foreign Affair Ministry of China for the development of grape cultivation in the Shandong region (1998) ➤ Winner of the Award of Piedmont Region for the best Master Thesis dealing with food quality (1987). ➤ Author or co-author of several publications and reports (see Annex I)
Annexes	Annex I: List of publications

Annex II

LIST OF RELEVANT PUBLICATIONS

BOOKS and CHAPTERS

1. **Malusá E.**, Sas Paszt L., Gluszek S. and Ciesielska J. 2014. Organic fertilizers to sustain soil fertility. In: Sinha S. and Pant K. (eds.) “Fertilizers” vol. I “Synthesis”. Publishers Studium Press LLC, USA. 256-281
2. **Malusá E.** and Khudeir A. (Eds.) 2013. Manual of procedures for the Jordanian Quality System for agricultural products. Ministry of Agriculture of Hashemite Kingdom of Jordan, ENPI Project JO10/ENP-AP/AG/12, Amman. 1-50
3. **Malusá E.** and Khudeir A. (Eds.) 2013. Diagnostic Manual for Quarantine Organisms. Ministry of Agriculture of Hashemite Kingdom of Jordan, ENPI Project JO10/ENP-AP/AG/12, Amman. 1-261
4. **Malusá E.** and Khudeir A. (Eds.) 2013. Agricultural practices affecting post-harvest quality. Ministry of Agriculture of Hashemite Kingdom of Jordan, ENPI Project JO10/ENP-AP/AG/12, Amman. 1-25
5. **Malusá E.** and Sahajdak A. (Eds.). 2006 Guidelines for the phytosanitary control of selected plant species (Wytyczne w zakresie kontroli phytosanitarny sekcjonowany gatunków materiału roślinnego). State Inspectorate for Plant Protection and Seed Inspection – EU Commission Transition Facilities Project PL04/AG04. Warsaw, Poland.
6. Ciesielska J., **Malusá E.** 2000. La coltivazione dei piccoli frutti. (Cultivation of soft fruits) Calderini Edagricole Bologna.

MAIN SCIENTIFIC PAPERS RELTED TO THE TOPIC (of about 120 published)

1. **Malusá E.**, Sala G., Chitarra W., Bardi L. 2013. Improvement of response to low water availability in maize plants inoculated with selected rhizospheric microbial consortia under different irrigation regimes. *EQA – Environmental quality* 12: 13-21 DOI: 10.6092/issn.2281-4485/4209
2. **Malusá E.**, Sas-Paszt L., and J. Ciesielska. 2012. Technologies for beneficial microorganisms inocula used as biofertilizers. *The Scientific World Journal* Vol. 2012, Article ID 491206, 12 pages. doi:10.1100/2012/491206
3. Bardi L. and **Malusá E.** 2012. Drought and nutritional stresses in plant: alleviating role of rhizospheric microorganisms. In *Abiotic Stress: New Research*, N. Haryana and S. Punj (Eds.). Nova Science Publishers, Inc. Hauppauge, NY, USA: 1-57.

4. Sas Paszt L., Sumorok B., **Malusà E.**, Gluszek S., Derkowska E. 2011. The influence of bioproducts on root growth and mycorrhizal occurrence in the rhizosphere of strawberry plants cv. 'Elsanta'. *Journal of Fruit and Ornamental Plant Research* 19 (1): 13-33.
1. Zmarlicki K., Brzozowski P., **Malusà E.** and Sas Paszt L. 2011 Preliminary studies on the impact of organic and conventional agriculture on the environment in Poland. *Journal of Fruit and Ornamental Plant Research* 19 (2): 99-110. (MNiSW 6)
5. Meszka B., Chalańska A., Sobiczewski P., Bryk H., **Malusà E.** 2011. Changes in microorganisms populations in the soil after fumigation. *Comm. Appl. Biol. Sci.*, 76(4): 745-750.
6. Ciesielska J, **Malusà E.**, Sas Paszt L. 2011. Środki ochrony roślin stosowane w rolnictwie ekologicznym. Komentarz według Załącznika II Rozporządzenia Komisji (WE) nr 889/2008 ustanawiające szczegółowe zasady wdrażania rozporządzenia Rady (WE) nr 834/2007 w sprawie produkcji ekologicznej i znakowania produktów ekologicznych w odniesieniu do produkcji ekologicznej, znakowania i kontroli. Instytut Ogrodnictwa, Skierniewice, Polska.
7. **Malusà E.**, Sas-Paszt L., Ciesielska J. 2010. Effect of new organic fertilizers on growth of strawberry cv. Elsanta. Preliminary results. *Proceedings of XIV International Conference on Organic Fruit Growing, Hohenheim, Germany.* pp. 361-365
8. **Malusà E.** and Sas Paszt L. 2009 The development of innovative technologies and products for organic fruit production. An integrated project. *The Proceedings of the International Plant Nutrition Colloquium XVI. Sacramento (USA).* Paper 1359. <http://repositories.cdlib.org/ipnc/xvi/1359>. 1-4
9. **Malusà E.**, Sas Paszt L., Popińska W., and Żurawicz E. 2007. The effect of a substrate containing arbuscular mycorrhizal fungi and rhizosphere microorganisms (*Trichoderma*, *Bacillus*, *Pseudomonas* and *Streptomyces*) and foliar fertilization on growth response and rhizosphere pH of three strawberry cultivars. *International Journal Fruit Science*: 6(4): 25-41.
10. **Malusà E.**, Russo M.A., Mozzetti C. and Belligno A. 2006. Modification of secondary metabolism and flavonoid biosynthesis under phosphate deficiency in bean (*Phaseolus vulgaris* L.) roots. *J. Plant Nutrition* 29: 1-14.
11. **Malusà E.** and Tosi L. 2005. Phosphorous acid residues in apple after foliar fertilisation: results from field trials. *Food Additives and Contaminants*. 22(6): 541-548.
12. M. Nègre, S. Zancolò, **E. Malusà**, G. Piccone. 2005 fertilization of an urban park soil with a municipal solid waste compost. Effects on soil properties and plant growth. *Fresenius Environmental Bulletin* 15 (3): 200-206.
13. **Malusà E.**, Laurenti E., Ghibaudi E., Rolle L. 2004. Influence of organic and conventional management on yield and composition of grape cv. Grignolino. *Acta Hort.* 640: 135-141.
14. Ciesielska J. **Malusà E.** Bourlot G. 2004. Grape leaf diagnosis standards in comparison to pedological factors. *Acta Hort.* 640: 37-44.
15. **Malusà E.**, Laurenti E., Juszczuk I., Ferrari R.P., Rychter A.M. 2002. Free radical production in roots of *Phaseolus vulgaris* subjected to phosphate deficiency stress. *Plant Physiology and Biochemistry* 40: 963-967.
16. Tosi L. and **Malusà E.** 2002. Phosphate foliar fertilisation as source of phosphite residues. *Acta Hort.* 594: 283-287.
17. Juszczuk I, **Malusà E.**, Rychter A.M. 2001. Oxidative stress during phosphate deficiency in roots of bean plants (*Phaseolus vulgaris* L.). *J. Plant Phys.* 158 (10): 1299-1305.