

International Organization for Biological and Integrated Control of Noxious Animals and Plants
Organisation Internationale de Lutte Biologique et Intégrée contre les Animaux et les Plantes Nuisibles
WPRS/SROP West Palaearctic Regional Section /Section Régionale Ouest Paléarctique



IOBC/WPRS

**Integrated Production, Protection and Biocontrol
Commission for North African countries**

Prepared by Mohammed Besri, Commission Convenor

IOBC/WPRS commission for North African countries
Tel/Fax: 212 5 37778364 - Mobile: 212 6 64603721
E.mail: m.besri@iav.ac.ma, mohamedbesri@gmail.com

CONTENT

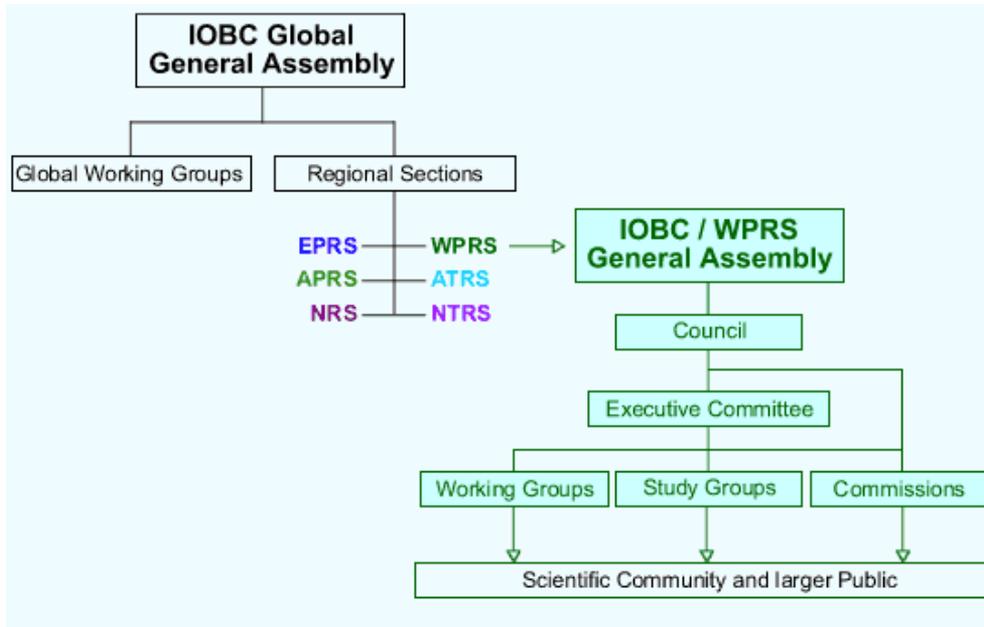
CONTENT.....	3
AIMS AND OBJECTIVES OF IOBC/WPRS.....	4
STRUCTURE OF IOBC GLOBAL AND IOBC/WPRS	4
MEMBERSHIP OF IOBC/WPRS	6
IOBC/WPRS WORKING GROUPS, STUDY GROUPS AND COMMISSIONS.....	6
IOBC/WPRS IP & IPM.....	6
PUBLICATIONS OF IOBC RELATED TO WPRS.....	7
NEEDS, ROLE, TERMS OF REFERENCE AND ORGANISATION OF THE IOBC/WPRS COMMISSION FOR NORTH AFRICA	7
Needs.....	7
Role.....	8
Terms of references.....	8
Members	8
Invitation to join the International Organisation for Biological control (IOBC).....	15

AIMS AND OBJECTIVES OF IOBC/WPRS

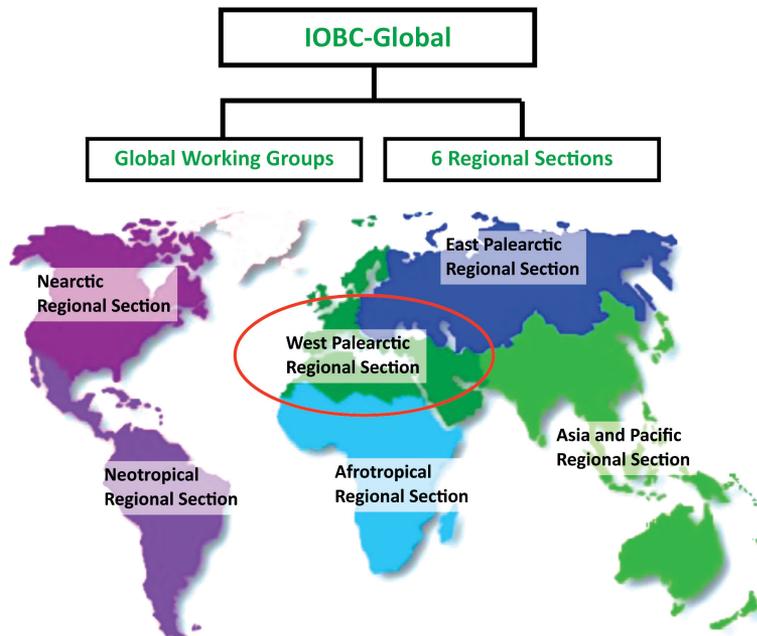
- IOBC/WPRS promotes the use of sustainable, environmental safe economically feasible socially acceptable control-methods of pests and diseases of agricultural and forestry crops.
- IOBC/WPRS fosters research and practical application, training and information, especially of biological methods of control, but also of all methods, including chemicals, within an integrated pest management context. IOBC/WPRS elaborates guidelines for integrated production of agricultural crops, develops and standardises methods of testing effects of pesticides on beneficial species.
- IOBC/WPRS offers presentation platforms (workshops, symposia, proceedings, publications) to scientists involved in research to ameliorate agricultural crop production using methods and strategies in agreement with overall goal of IOBC.

STRUCTURE OF IOBC GLOBAL AND IOBC/WPRS

Historically IOBC started in 1955 as a global organisation affiliated to the International Council of Scientific Unions (ICSU). Later it proved practical to form regional sections in addition to the Global IOBC. At present, IOBC-Global includes six regional sections. In contrast to the IOBC-Global and the other regional sections, WPRS has in its official name included both Biological Control and Integrated Control. This indicates the recognition in WPRS of the importance of both the pure biological control and the broader integrated approach, which had already been included in activities of several working groups.



IOBC organisation



MEMBERSHIP OF IOBC/WPRS

Members of IOBC/WPRS are individuals, and governmental, scientific or commercial organisations from 24 countries of Europe, the Mediterranean and the Middle East. IOBC/WPRS has several types of memberships Website (www.wprs.org) will give the right and complete information.

IOBC/WPRS WORKING GROUPS, STUDY GROUPS AND COMMISSIONS

The scientific and technical activity of IOBC/WPRS is carried by Working Groups, Study Groups and Commissions

A Working Group (WG) is responsible for a precise programme and the evaluation of the results obtained. Its aim is to speed up the acquisition of results through co-ordinated international activities and to avoid duplication of research effort.

The Working Groups aim is to:

- foster collaboration between scientists interested in problems common to several members of WPRS,
- share experience and eventually facilities, with special emphasis on joint or complementary programmes of work,
- increase the general knowledge in the area of interest of its members and offer this knowledge to the whole scientific community (the Bulletins serve as a vehicle).

Working Groups are led by a convenor and are supported through funds from the membership fees. Participation in a particular Working Group is open to anyone actively concerned with the Group's specific topic.

Study Groups (SG) are Working Groups which are under construction.

Commissions are in several practical aspects comparable to Working Groups. However, they are more limited in size, more focused on a specific subject and consist of experts appointed by the Council of WPRS. A commission may, for example, define a long-term programme for the development of biological and integrated control strategies or it may establish and maintain an adequate service requested by the WPRS members.

IOBC/WPRS IP & IPM

IP (Integrated Production) is a concept of sustainable agriculture based on the use of natural resources and regulating mechanisms to replace potentially polluting inputs. The agronomic preventive measures and biological/physical/chemical methods are carefully selected and balanced taking into account the protection of health of both farmers and consumers and of the environment. Emphasis is placed on a holistic systems approach involving the entire farm as the basic unit, on the central role of agro-ecosystems, on balanced nutrient cycles, and on the welfare of all species in animal husbandry.

- Integrated Production Principles of IOBC. Integrated Production is a concept of sustainable agriculture developed in 1976 which has gained international recognition and application.
- Crop specific Integrated Production Guidelines. IOBC has published crop specific IP-guidelines for a large number of crops: pome fruits, stone fruits, arable crops, grapes, soft fruits (berries), olives, citrus and field grown vegetables.
- IOBC IP Tool Box. The IOBC IP toolbox contains a number of tools that enables and supports the implementation of IP into practice.
- Endorsement Procedure of IOBC. Regional organizations practicing sustainable agricultural production systems, certifying products of their members and seeking international recognition of the quality of their work can apply for IOBC endorsement.

IPM (Integrated Pest Management) is the part of IP focusing on pest and disease management.

PUBLICATIONS OF IOBC RELATED TO WPRS

- BioControl
- IOBC/WPRS Bulletins
- IOBC/WPRS Newsletter Profile, Archive
- IOBC/WPRS Books
- IOBC-Global Newsletter
- IOBC-Global Books

NEEDS, ROLE, TERMS OF REFERENCE AND ORGANISATION OF THE IOBC/WPRS COMMISSION FOR NORTH AFRICA

Needs

North African countries are poorly represented in the different IOBC/WPRS activities carried out by the working groups, study groups and the commissions. In addition, most of the convenors and of the liaison officers are from the northern part of the Mediterranean sea.

The North African countries are regularly facing new diseases and pests. A cooperation among the North African countries and with European countries is more and more needed .

During its last meeting (Vienna (22-23 January 2010), the IOBC/WPRS council approved the establishment of a new commission for North African countries (Morocco to Egypt) within the WPRS zone.

- Convenor: Mohammed Besri. Hassan II Institute of Agronomy and Veterinary Medicine, Rabat, Morocco
- Liaison Officer: Claire Villemant, Muséum national d'histoire naturelle, Department of Systematics & Evolution, Paris, France,

Role

The main tasks of the commission are:

- Identify in each country the main agricultural universities, research institutions, associations/societies that are involved in agriculture and sustainable plant protection
- Establish a network among North African countries to promote biocontrol, IPM and IP in the region
- Contact potential stakeholders (such as government bodies, research institutes, commercial organizations and industries related to plant protection, production and exports) and make them familiar with the major activities and results of IOBC/WPRS.
- Identify special crop protection problems in North African countries to assist the region to develop and implement sustainable solutions .
- Organise regional workshops on plant protection, in collaboration with IOBC commissions, working and study groups

Terms of references

- Establishment of programmes for regional conferences, training sessions, round tables, workshops, and colloquia, in collaboration with other IOBC commissions, working and study groups to exchange information on crop protection.
- Publication of a list of potential stakeholders (government bodies, research institutes, plant protection services, commercial organizations and industries related to plant protection, production and exports)
- Encouraging adhesion of individual, institutional , supporting and honorary members to IOBC/WPRS
- Sponsor a plant protection North African News letter that will feature articles on integrated pest management training, research and extension.
- Initiate and facilitate the coordination and integration of research and extension in plant protection on a regional and country basis.

Members

The members of the commission are:

Mohammed Besri: Convenor

Department of Plant Pathology
Institut Agronomique et Vétérinaire
Hassan II
B.P. 6202 Rabat Instituts, Morocco
Tel/Fax: + 212 (0) 537778364, Mobile: +
212 (0) 664603721
E.mail: m.besri@iav.ac.ma
mohamedbesri@gmail.com

Claire Villemant: Liaison Officer

Muséum national d'histoire naturelle
UMR7205 CNRS-MNHN
Department of Systematics & Evolution
CP50, Entomologie
45 rue Buffon
F-75005 Paris, France
Tel.: +33-1-40 79 38 41
Fax: +33-1-40 79 36 99
E-mail: villemant@mnhn.fr
URL: www.mnhn.fr/oseb

Ahmed Mazih, Morocco

Dep. Plantes Protection
Institut Agronomique et Vétérinaire Hassan II
Complexe Horticole d'Agadir
BP 18/S Agadir 80 000, Morocco
Tel.: + 212-528241006
Fax.: + 212-52824224
E.Mail: mazih@iavcha.ac.ma

Moumene Khaled, Algeria

Directeur Général, Institut National de la
Protection des Végétaux (INPV)
El Harrach - Alger-Algérie
Tél : 00 213 21 52 12 31,
Fax : 00 213 21 52 58 63
Mail: khal63@yahoo.fr

**Bouزيد Nasraoui, Tunisia , Deputy
convenor**

Director General of the Protection and
the Control of the Agricultural Product
Quality (Ministry of Agriculture and
Water Resources, Tunisia)
Editor-in-Chief of Tunisian Journal of
Plant Protection ([http://www.iresa.
agrinet.tn/tjpp](http://www.iresa.agrinet.tn/tjpp))
Address: DG / Protection et Contrôle de
la Qualité des Produits Agricoles, 30 Rue
Alain Savary, 1002 Tunis, Tunisia
Office Phone: (+216) 71 788 979
Office Fax: (+216) 71 784 419
Mobile Phone: (+216) 98 29 29 17
Email: nasraoui.bouزيد@iresa.agrinet.tn

Ibrahim M. El-Ghariani, Libya

P.O. Box, 99 El-Beida, Libya
Tel. Home : 00218 -69- 4635553,
Fax.: 00218 -69- 4632806

Mobile: 00218- 91- 2202392, 00218- 92-
3718788

E-mail: ghariani99@yahoo.com

Medhat Kamel Ali, Egypt

Plant Clinic Director, Agricultural Studies
and Consultation Center (ASCC)
Ain-Shams Univ. Faculty of Agric. P.O.Box
68 Hadayek Shoubra 11241 Cairo Egypt
Tel Office: 002 02 44445719
Mobile: 002 012 2402805
Fax: 002 02 44444460
E..mails : mdtkml_clinic@yahoo.com
mdtkml_clinic@hotmail.com
mdkmlclinic@gmail.com

Eric Bureau, Crop Life

Managing Director & SBR
Country Group North West & Central
Africa
Bayer SA , Tours Balzac , Angle Bd Anfa &
Rue de l'Épargne
20050 Casablanca , Morocco
Phone +212 522 95 48 10 (direct) , Cell
Phone +212 661 32 91 36
Fax +212 522 39 24 13
email: eric.bureau@bayercropscience.com

**Michel Guillon, IBMA,(International
Biocontrol Manufacturers' Association)**

13 Avenue du Béarn,
64000 Pau, France
Tel +33 6 78 78 26 32
Email : guillon.ibma@orange.fr

Members of IOBC/WPRS commission for North African countries

Mohamed Besri Morocco, Convenor

Prof. Mohamed Besri is Doctor-engineer in Agronomy and Doctor of Sciences in Plant Pathology from the University of Nancy, France. Is Professor in Plant Pathology and Integrated Diseases Management (Msc. and Ph.D. levels) at the Hassan II Institute of Agronomy and Veterinary Medicine, Rabat, Morocco since 1971. Has published about 120 papers in international and national journals and books and advised about 100 theses (Msc and PhD). Expert in Plant Pathology (soil , air and seed borne pathogens), Integrated Production and Protection Management (IPPM) of various crops, particularly vegetables and fruits, alternatives to Methyl Bromide, evaluation of research and teaching activities, evaluation of the impact of education on the agricultural development, implementation and coordination of national and international research projects, pesticides use and distribution etc..Prof. Besri works occasionally for many international organizations (FAO, USAID, UNDP, UNEP (member and co chair of the Methyl Bromide Technical Option Committee = MBTOC), ICAMAS, Green peace, FADES, GTZ, ODI, European Union, World Bank etc..). Prof. Besri is a visiting professor to some

American, European and African universities. He is member of various national and international associations and of many executive committees and governing boards. He



has been appointed by the Inter Academy Council as member of the international study panel to write a report for Kofi Anan, the former General Secretary of the UN, on "Realizing the promise and potential of African Agriculture: Science and technology strategies for improving agricultural productivity and food security in Africa" (www.interacademycouncil.net) and also as a member of an Ad Hoc Task Force to follow up the report recommendations. Prof Besri is member of the Moroccan Academy of Sciences and technology .He has been awarded the medal of National merit by the King Mohamed VI for his contribution to the development of the Moroccan agriculture. He has also been awarded the UNEP Champion Award during the celebration of the 20th Anniversary of the Montreal Protocol (September 2007)

Eric Bureau, Crop Life Africa and Middle East

- Agronomist, graduated from Ecole Nationale Supérieure d'Agronomie de Toulouse (France)
- Starts his career in 1980 in the Dow Chemical Company, then joins Rhône-Poulenc in 1985. Through mergers and acquisitions, this company will become Aventis and eventually Bayer.
- Performs most of his career in the agrochemical branch (Crop Protection) of these companies, through technical and marketing positions followed by country and regional management responsibilities. Has occupied several positions in foreign countries (Cameroon, Côte d'Ivoire, Kazakhstan, Belgium), alternating with headquarter positions in France.
- Currently General Manager of Bayer CropScience for North West and Central Africa.
- Chairman of CropLife Africa Middle East, the industry association gathering agrochemical companies as well as national associations in Africa and the Middle East.



Ibrahim M. El-Ghariani, Libya

Education:

- PhD: 1994, Plant Protection Institute, Hungarian Academy of Sciences. Budapest, Hungary
- MSc: 1984, Al-Fateh University, Fac. of Agric. Tripoli, Libya
- BSc: 1979, Garyounis Univ., Fac. of Agric., El-Beida, Libya.

Activities:

- Professor (Entomologist), Department of Plant Protection, Faculty of Agriculture, Omar Al-Mukhtar University, El-Beida, Libya
- Coordinator of the graduate studies committee
- Delegate of the University staff, 1987-1989.
- Member of pest control committee in Libya up to 2005
- Head of plant protection Department, from 1995 to 1998

- Supervisor of the apple stem borer control committee in Al-Jabal Al-Akhdar region from 1995 – 2002.
- Member of the executive committee of Arab Society for Plant Protection, and chairman for membership committee.
- Coordinator of plant protection team (forest and olive trees) in Al-Jabal Al-Akhdar.
- Coordinator of biotechnical research centre in the east region of Libya
- Organizer of many local and international scientific conferences.
- Published many papers in areas of ecology, biology, and biological control of insect pests.



Michel Guillon, IBMA

- Date of birth : November 9, 1941.
- Nationality :French
- Education : Agronomist. Graduate from National Institute of Agronomy (Paris).
- Specialisation: Tropical agronomy
- Language : English (Fluent), Spanish (Fluent), French (Mother tongue)
- Membership of professional societies :Society of Invertebrate Pathology , French Society of Nematology , I.O.B.C. IBMA (International Biological Control Manufacturers' Association) founder member, former president, member Executive Committee.
- Countries of work experience : Ivory Coast (8 years), Cameroon (4 years), Senegal (2 years), Morocco (2 years), France (15 years)
- Employment record
 - 2000 – 2010: *President IBMA up to 2008 , CEO : Entomos SAS and Tetragri companies Major shareholder in Novagricra, Greece and Takamaka Industries, Reunion Island*
 - 2000: *Retired from Calliope Group.*
 - 1979 -1996 : *Founder of Calliope group including Natural Plant Protection and member of the Board of Direction*
 - 1978 – 1979: *Roussel Uclaf affiliate company in Morocco : Deputy manager*
 - 1968 – 1978: *Shell International Chemicals : Technical and Sales manager for French speaking Africa*
 - 1964 -1968 *I.R.H.O. (now CIRAD) : Deputy manager of Coconut Research Station, Port Bouet, Ivory Coast*
- Date of birth : November 9, 1941.
- Nationality :French
- Education : Agronomist. Graduate from National Institute of Agronomy (Paris).
- Specialisation: Tropical agronomy
- Language : English (Fluent), Spanish (Fluent), French (Mother tongue)
- Membership of professional societies :Society of Invertebrate Pathology , French Society of Nematology , I.O.B.C.



Medhat Kamel Ali, Egypt

Dr. M.K. Ali is a professor in plant pathology at the Faculty of Agriculture., Ain-Shams University Cairo. The Department of Plant Pathology task is the research of plant protection in particular. He is Doctor-engineer in Agronomy and Doctor of Sciences in Plant Pathology from the

University of Gambleux, Belgium. trained in many other countries (the USA, Germany, Holland, Spain, France, Italy,) in IPM, Postharvest diseases management , fungicide



resistance And Sustainable crop Protection. Dr. M.K. Ali is currently also the Scientific Director of Plant Clinic units in Agricultural Studies and Consultation Center (ASCC). His research activities are in biological, low input and combined management of plant diseases, diversity of plant diseased agents,

integrated pest management and Sustainable crop diseases. He is involved in national and international research projects dealing with such subjects. He teaches at Institute of Environmental Studies & Research of the Ain-Shams University on many courses of ecology and epidemiology of plant diseases.

Moumene Khaled Algeria

- Born in 1963 at Kolea, Algeria
- Baccalaureate June 1983
- Engineer in Agronomy, Plant Protection, June 1989
- « Diplôme d'Etudes Approfondies », November 1997, Faculty of Sciences, Tunis
- .PhD (Doctorat d'Etat) January 2002, Faculty of Sciences, Tunisia. .
- 1989 – 2005 : National Institute of Plant

Protection , Algeria

- 1995- 2001: PhD (FAO scholarship), Tunisia .
- 2005-2008: Deputy Director, Plant Protection Algeria.
- 2009 to now: Director, Plant Protection Algeria.



Ahmed Mazih, Morocco

Ahmed Mazih, Doctor-engineer in Ecology (University of Paris-France) and Doctor (Doctor ès-Sciences Agronomiques – Institute of Agronomy and Medicine Veterinary Hassan II – Morocco) in Animal Applied Biology, is full Professor and head of the Citrus IPM unit at the Plant Protection Department - Institut Agronomique et Vétérinaire Hassan II (Agadir, Morocco). He has developed his research in biological control, sampling, development of IPM strategies and field population studies

on several citrus pests as mites, Medfly, Insect scales, and citrus leafminer. He teaches courses in Population dynamics, Agricultural Entomology, Biological Control and Citrus Pest Management. He joined IOBC/WPRS (WG Integrated Protection of Citrus Crops) at 2005, and was local organizer of the meeting held in Agadir at the beginning of 2010.



Bouzid NASRAOUI
Tunisia, Deputy convenor

- Born in 1957 at Thala (Tunisia)
- High School Degree [Baccalauréat] in Maths-Sciences in 1976,
- Diplôme de l'ingénieur (Eq. of B.Sc.) in Agronomy in 1980 (National Agronomic Institute of Tunisia),
- Diplôme d'ingénieur spécialisé (Eq. of MSC.) in Plant Protection in 1983 (National Agronomic Institute of Tunisia),
- Diplôme d'études avancées [D.E.A.] (Plant Physiology) in 1984 (University Faculty of Sciences of Tunis),
- State Doctorate (Eq. of Ph. D.) in Agronomic Sciences (Plant Pathology) in 1992 (Faculty of Agronomic Sciences of Gembloux, Belgium),
- Professeur de Phytopathologie (Phytopathology) in 2000,
- Directeur de l'école agricole de Kef (Tunisia) from 1994 to 2000 and from 2003 to 2008,
- National Order of Merit (Chevalier) in Education and Sciences in 2003,
- Coordinateur d'un projet de recherche sur "le contrôle des stress biotiques et abiotiques des cultures de champs (Céréales et Légumineuses)", de 2008 à 2010,
- Membre du Comité éditorial de l'Arab Journal of Plant Protection de 2004 (pour 3 ans),
- Rédacteur en chef de l'Arab Journal of Plant Protection de 2005 (1^{er} No., Juin 2006),
- Directeur général de la Protection et du Contrôle des Produits Agricoles / Ministère de l'Agriculture, des Ressources Hydriques et de la Pêche, depuis 2008.



Claire Villemant
France, Liaison Officer

Claire Villemant is Maître de Conférence and curator of the Hymenoptera collection at the National Museum of Natural History in Paris. Her research, within the team "Origin, Structure and Evolution of Biodiversity" (UMR7205 CNRS-MNHN), is focused on the systematic and biodiversity of parasitoid Hymenoptera (Ichneumonidae and Braconidae) and, more recently, on the biology and expansion of the invasive Asian hornet *Vespa velutina* in France. She also works since more than two decades on the population dynamics and control of the gypsy moth *Lymantria dispar*. She is implied in two main research programmes: the ANR

Biocosmac (*Macrocentrus cingulum* as a biological control agent of *Ostrinia* spp.) and a research project on *Vespa velutina* biology and invasion, funded by the European Apiculture Programme. She joined the WG "Integrated Protection in Oak Forests" since its foundation in 1993 and became its convenor in 1997. She organized the 3rd, 4th and 5th meetings of the group between 1998 and 2004 and was elected as deputy member



Invitation to join the International Organisation for Biological control (IOBC)

The Executive Committee of the IOBC invites you to join IOBC. IOBC is a forum of scientists providing information and policy advice on sustainable plant health management practices. IOBC's goal is to insure production of sufficient quality of food/feed/fiber for a growing world population and particularly the North African one through sustainable plant production and protection management strategies.

IOBC/WPRS has several types of memberships: Individual Member, Individual Membership with subscription to "BioControl", Supporting Member and Supporting Membership with subscription to "BioControl" (www.iobc-wprs.org)

	Individual membership	Individual membership with subscription to «BioControl»	Supporting membership	Supporting membership with subscription to «BioControl»
Online payment	75 EURO +3 % transaction fee	175 EURO +3 % transaction fee	350 EURO +3 % transaction fee	450 EURO +3 % transaction fee
Payment by money transfer	75 EURO + bank charges	175 EURO + bank charges	350 EURO + bank charges	450 EURO + bank charges

For those who have no international credit card, the membership fees could be paid directly to the local representative in local currency.

We invite you to join IOBC- WPRS as soon as possible

 Franz BIGLER President	 Philippe C. NICOT General Secretary	 Mohamed Besri, Convenor, Commission: IP & Biocontrol in North-African countries
---	--	--



*Please visit the IOBC/WPRS website to get information on:
Memberships, Expert groups, IP/IPM, Publications, Meeting
and activities , statutes etc*

www.iobc-wprs.org

The Publication of this brochure has been sponsored by the Hassan II
Institute of Agronomy and Veterinary Medicine

(www.iav.ac.ma)

(CTP) Imp. El Maarif Al Jadida - Rabat / 2011