CURRICULUM VITAE

LAST NAME: **Nasraoui**
FIRST NAME: **Bouzid**
DATE & PLACE OF BIRTH: **October 29, 1957** *at* **Thala, Tunisia**
MARITAL STATUS: **Married, three children**
PROFESSION: **University Professor of Plant Pathology (Plant Mycology), National Agronomic Institute of Tunisia (INAT), University of Carthage, Tunis, Tunisia**

CURRENT POSITIONS:
- **Technical Expert at International Palladium Company, Project of "Inventory and Control of Invasive Plants", Weqaa Center, Ministry of Environment, Water, and Agriculture (MEWA), Riyadh, Kingdom of Saudi Arabia (KSA)**
- **Consultant in Integrated Pest Management, Weqaa Center, MEWA, Riyadh, KSA**
- **International Expert for FAO, GIZ and ICARDA**

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PREVIOUSLY:
- **Former Director General of the National Agronomic Research Institute of Tunisia (INRAT), University of Carthage, Tunis, Tunisia (from 2017 to 2018)**
- **Former General Director of the Protection and Control of the Agricultural Product Quality (DG/PCQPA) (Presently General Directorate of Plant Health and Agricultural Inputs Control, DG/SVCIA), Ministry of Agriculture, Tunis, Tunisia (from 2008 to 2012)**
- **Former Director of Higher School of Agriculture of Kef (ESAK), University of Jendouba, Kef, Tunisia (from 1994 to 2000 and from 2003 to 2008)**

- 2023 -

TITLES AND CAREER EVOLUTION

- **January, 2021 - Presently:** Recruited as Technical Expert at International Palladium Company, Project of "Inventory and Control of Invasive Plants", and as Consultant in Integrated Pest Management, Weqaa Center, Ministry of Environment, Water, and Agriculture (MEWA), Riyadh, Kingdom of Saudi Arabia (KSA), MEWA, Riyadh, KSA.

- **June, 2018 - December, 2020:** Recruited as Technical Expert at the International Palladium Company, Project of "Red Palm Weevil Control", MEWA, Riyadh, KSA.

- **November, 2017 - October, 2022:** Elected as Vice-President of Arab Society for Plant Protection.

- **October, 2017 - September, 2018:** Nomination as Director General of the National Agronomic Research Institute of Tunisia (INRAT), University of Carthage, Tunis, Tunisia.
* Director of the review "*Les Annales de l'INRAT*".

- **June, 2014 - October, 2017:** Elected as Director of the Department of "Plant Protection and Post-Harvest Diseases" then renamed Department of "Plant Health and Environment" at the National Agronomic Institute of Tunisia (INAT), University of Carthage, Tunis, Tunisia (*Mandate of 3 years*).

- **July, 2013 - April 2018:** Designed as Director of the Research Laboratory "Bioaggressors and Integrated Pest Management in Agriculture (LR/BPIA)" at INAT, University of Carthage, Tunis, Tunisia, financed by the Ministry of Higher Education and Scientific Research (*Mandate of 4 years (2014-2017)*).

- **May, 2013 - July, 2017:** Designed as Coordinator of the Master of Research M2 "Bioaggressors and Plant Health" at INAT, University of Carthage, Tunis, Tunisia (*Mandate of 4 years*).

- **November, 2012:** Transfer within the Ministry of Agriculture from the General Directorate of the Protection and Control of the Agricultural Product Quality (DG/PCQPA) to INAT, University of Carthage, Tunis, Tunisia, as University Professor of Plant Pathology (Plant Mycology).

- **September, 2008 - November, 2012:** Nomination as Director General the DG/PCQPA of the Ministry of Agriculture [*acting hence as head of the National Plant Protection Organization (NPPO) of Tunisia* (Tunisian focal point and representative for CLCPRO/FAO, IPPC/FAO, EPPO, NEPPO, PCA, PIC, POPs, SPS, UPOV, ISTA,...)].

- **December, 2008 - April, 2012:** Representative member of the Ministry of Agriculture at the Administrative Council of the National Center of Nuclear Sciences and Technologies (CNSTN) of Tunisia (as General Director of the DG/PCQPA).

- **September, 2008:** Transferred within the Ministry of Agriculture as Director of the Higher School of Agriculture of Kef (ESAK), University of Jendouba, Kef, Tunisia, to the DG/PCQPA as Director General.

- **January, 2008 - December, 2010:** Designed as President of the National Sector-based Commission of the Sciences and Technology of Agriculture and Food Industry (for the reform of studies based on the LMD (eq. BS, MS, PhD) system, organized by the Ministry of Higher Education and Scientific Research).

- **September, 2006 - September, 2012:** Designed as Director of the Research Unit "Control of biotic and abiotic stresses of field crops (Cereals and Legumes)" at ESAK, University of Jendouba, Kef, Tunisia, financed by the Ministry of Higher Education and Scientific Research.

- **August, 2006 - August, 2008:** Renewal as Director of ESAK, University of Jendouba, Kef, Tunisia (*Mandate of 3 years, normally until August/2009, but transfer at September, 2008, to DG/PCQPA*).

- **From 2005:** Founder and Editor-in-Chief of a new Tunisian scientific review called "Tunisian Journal of Plant Protection" (1st Issue: June 2006), website <www.tjpp.tn>.

- **August, 2003 - August, 2006:** Nomination again as Director of ESAK, University of Jendouba, Kef, Tunisia, (*Mandate of 3 years*).

- **July, 2001 - April, 2002:** Sabbatical leave (9 months) for Post-Doctorate research in the Department of Soil Sciences / University of Missouri-Columbia / Missouri, USA.

- **December, 2000:** Obtaining the grade of university Professor in Plant Pathology (Plant Mycology) at ESAK, presently University of Jendouba, Kef, Tunisia.

- **September, 1998 - September, 2000:** Designed as Temporarily Coordinator of Regional Pole of Recherche-Development in the Semi-Arid North-West (PRRD-NOSA) of Tunisia at Kef.

- **August, 1994 - August, 2000:** Nomination then renewal as Director of ESAK, presently University of Jendouba, Kef, Tunisia, (*2 mandates of 3 years*).

- **September, 1993:** Obtaining the grade of university Associate-Professor in Plant Pathology (Plant Mycology) at ESAK, presently University of Jendouba, Tunisia.

- **June, 1992:** Obtaining the Doctorate of Agronomic Sciences in Plant Pathology (Plant Mycology) (Eq. PhD) from the Faculty of Agronomic Sciences of Gembloux, University of Liege, Gembloux, Belgium [Equivalent of the Tunisian State Doctorate].

- **February, 1990:** Obtaining the grade of university Assistant-Professor in Plant Pathology at ESAK, presently University of Jendouba, Kef, Tunisia.

- **September, 1987 - July, 1992:** Availability of 5 years for PhD studies in Belgium.

- **December, 1985:** Obtaining the grade of university Assistant in Plant Pathology at ESAK, presently University of Jendouba, Kef, Tunisia.

- **February, 1985:** Transfer within the Ministry of Agriculture from INRAT, presently University of Carthage, Tunis, Tunisia, as “Researcher” Senior Engineer, to ESAK, presently University of Jendouba, Kef, Tunisia, as “Teacher-Researcher” Senior Engineer.

- **June, 1984:** Certificate of Level (Diploma of End Studies) in English language in evening course for adults (Bourguiba School of Living Languages, presently University of Manar, Tunis, Tunisia).

- **March, 1984:** Obtaining the Diploma of Advanced Studies (DEA) in Plant Physiology from the Faculty of Sciences of Tunis, presently University of Manar, Tunis, Tunisia.

- **July, 1983:** Obtaining the Diploma of the Specialized Agronomic Engineer (Postgraduate Diploma, Eq. MS) of INAT, presently University of Carthage, Tunis, Tunisia, (Specialty: Crop Protection; Option: Plant Pathology) → Obtaining the grade of "Researcher" Senior Engineer at INRAT, presently University de Carthage, Tunis, Tunisia.

- **November, 1980:** Recruited at INRAT, presently University of Carthage, Tunis, Tunisia, as research-charged Engineer in Plant Pathology.

- **July, 1980:** Obtaining the Diploma of Engineer (Eq. BS) of INAT, presently University of Carthage, Tunis, Tunisia, (Specialty: Agronomy; Option: Plant Production).

- **June, 1976:** Obtaining the Baccalaureate (High School Degree) in Maths-Sciences at the Technical High School of Kasserine, Kasserine, Tunisia.

EDUCATION

Since my assignment at **ESAK**, presently University of Jendouba, Kef, Tunisia, in 1985, I have been lecturing (first partially, then totally) all courses that concern the **Phytopathogenic Fungi**, as permanent lecturer until 2007/08, then as temporary lecturer until 2014/15. I participated in the reforms of the Engineer Cycle (1990's) and the Technician Cycle (1990's) converted in the Applied License (2000's). Those courses were organized as indicated below.

*** For the Engineer Cycle in *Agronomic Sciences***, three levels:

1) **Mycology** (Biology of fungi),

2) **Phytomycology** (Principles of phytopathology, relations host-pathogen and control methods),

3) **Fungal Diseases** (Description of fungal diseases of crops).

I gathered all those courses in one academic book (*Les champignons parasites des plantes cultivées* [The Fungal Parasites of the Cultivated Plants] (with an English version on CD), 2006), to allow the Engineer Cycle students at ESAK and elsewhere, to have in an only one document the most of knowledge that they should acquire on phytopathogenic fungi during their studies. Later, I updated this book (*Les champignons et pseudo-champignons pathogènes des plantes cultivées* [The Fungal and Pseudo-Fungal Pathogens of the Cultivated Plants], 2015) which was reimpressed in 2016 in Germany by the European University Editions (EUE) and placed online in the electronic network of the Europeans Univertsities. I also published other books more specific on crop fungal diseases including that on the fungal diseases of the field crops (Main Fungal Diseases of Cereals and Legumes in Tunisia (in Arabic, French and English, accompanied by an expert system on CD), 2008). Other scientific, technical and reflection books were published too (*See farther the list of all my published books*).

*** For the Senior Technician Cycle changed in Applied License Cycle in *Techniques of Agricultural Production***, only one course: **Phytomycology** (Phytopathogenic fungi, some fundamental elements of phytopathology and fungal diseases of some crops).

Since my transfer to **INAT**, University of Carthage, Tunis, Tunisia, in 2012/13, I initiated the reform of the phytopathological courses of the **Engineer Cycle *Phytiatry***, increasing modules from 4 to 6. Courses in which I participate concern the **Phytopathogenic Fungi**. Those courses are:

1) **Phytopathogenic fungi** (Biology of fungi and fungal diseases),

2) **Interactions plant-fungus** (Host-pathogen relationship),

3) **Disease management** (Diagnostic and control).

I equally participate to the courses related to **Phytopathogenic Fungi** provided at **INAT** to the students of the **Master M2** (LMD system) whose I coordinated the first mandate and with the specialty ***Bioaggressors and Plant Health***.

I also have been involved in lecturing of the postgraduate Masters at ESAK, University of Jendouba, Kef, Tunisia, at INAT, University of Carthage, Tunis, Tunisia, and at the Higher Agronomic Institute of Chott-Mariem (ISACh-M), University of Sousse, Chott-Mariem, Tunisia. Those postgraduate Masters (Baccalaureate + 7 years) were replaced in 2012 by graduate Masters (Baccalaureate + 5 years) of the LMD system. I provided between 2000 and 2012 the following courses:

*** Master of *Integrated Agriculture* / ESAK**: **Integrated Pest Management I** (Disease control),

*** Master (former DEA) of *Biological and Integrated Pest Management in Agriculture* / INAT**: **Integrated Disease Management**,

*** Master of *Plant Protection and Environment* / ISACh-M**: **Integrated Disease Management**.

I also lectured courses of **Phytopathology** and **Integrated Pest Management (Section of Diseases)** at Higher School of Agriculture of Mograne (**ESAMo**), University of Carthage, Mograne, Tunisia, for the Engineer Cycle in the specialty spécialité ***Agricultural Production***.

ADVISING

I am Advisor of Works of End of graduate Studies (MFE, PFE and Master/LMD) and Works of End of postgraduate Studies (Master/former system and Doctorate).

Doctorates (PhD)

*** From 2010: Advising** 7 Doctorate Dissertations.

- **Grati Taycir:** Biological control of Alternaria disease of citrus (INAT, University of Carthage), [Co-Advising], defended at November 2022,
- **Kaddes Amine:** Studies of volatil organic compounds released by barley against soil fungi (Faculty of Agronomic Sciences of Gembloux, University of Liege, Belgium) [Co-Advising], defended at December 2020,
- **Farhat Imen:** Susceptibility to pathogens and quality of fruit of citrus (INAT, University of Carthage), defended at July 2017,

- **Ouerghi Fathi:** Peacock spot of olive tree (INAT, University of Carthage), defended at January 2017,
- **Hannachi Ibtissem:** Fusarium disease of citrus (INAT, University of Carthage), defended at December 2016,
- **Chekali Samira:** Cereal Fusarium disease (INAT, University of Carthage), defended at July 2015,
- **Tissaoui Salma:** Tan spot of wheat (INAT, University of Carthage), [Co-Advising], *in progress*.

Masters (MS)

*** From 2014: Advising** 2 graduate (LMD system) Master Theses.

*** From 2005 to 2014: Advising** 9 postgraduate (former system) Master Theses.

*** Graduate Master / LMD:**

- **December 28, 2016: Adviser** and Committee Member of Master defense in Bioagressors and Plant Health at INAT (University of Carthage) on the diversity of the Ascochyta chickpea blight causal agent. (**Rim Touati**)

- **December 30, 2015 : Adviser** and Committee Member of Master defense in Bioagressors and Plant Health at INAT (University of Carthage) on the characterization of the Ascochyta chickpea blight causal agent. (**Saoussen Timoumi**)

*** Postgraduate Master / Former system:**

- **July 4, 2014: Adviser** and Committee Member of Master defense in Biological Control and Integrated Protection at INAT (University of Carthage) on biological control of melon Fusarium disease. (**Sabrine Dhaouadi**)

- **March 21, 2014: Adviser** and Committee Member of Master defense in Biological Control and Integrated Protection at INAT (University of Carthage) on apple decay disease caused by *Schizophyllum commune*. (**Amira Lahbib**)

- **October 23, 2013: Co-Adviser** and Committee Member of Master defense in Integrated Agriculture (Plant Protection) at ESAK (University of Jendouba) on the biological control of

tomato Fusarium and Verticillium diseases using bacteria and fungi under salt stress. (**Jamel Brahmi**)

- **March 15, 2013: Adviser** and Committee Member of Master defense in Integrated Agriculture (Plant Protection) at ESAK (University of Jendouba) on the effects of some combinations adjuvants/antitranspirants on the physiology, protection and production of cereals. (**Meriem Klay**)

- **October 25, 2011: Adviser** and Committee Member of Master defense in Biological Control and Integrated Protection at INAT (University of Carthage) on the seminotherapic seed treatment against Septoria leaf blotch of durum wheat and study on fungicide resistance of *Zymoseptoria tritici*. (**Karima Tahar**)

- **May 7, 2011: Adviser** and Committee Member of Master defense in Biological Control and Integrated Protection at INAT (University of Carthage) on the effects of adjuvants added to antitranspirants on the physiology, protection and production of wheat and barley. (**Eya Khemir**)

- **April 6, 2009: Adviser** and Committee Member of Master defense in Integrated Agriculture (Plant Protection) at ESAK (University of Jendouba) on the effects of antitranspirants on the physiology, protection and production of wheat and barley. (**Fethi Ouerghi**)

- **June 15, 2007: Adviser** and Committee Member of Master defense in Integrated Agriculture (Plant protection) at ESAK (University of Jendouba) on the interaction *Fusarium culmorum* / water stress / durum wheat variety. (**Samira Chekali**)

- **January 29, 2007: Adviser** and Committee Member of Master defense in Microbiology at Faculty of Sciences of Tunis (University of Manar) on the biological control using bacteria against Fusarium wheat disease. (**Wiem Mouelhi**)

Graduate PFE and Undergraduate MFE *(See farther the list)*

*** From 1985: Advising** 41 Projects of End Studies (PFE) for Engineer Cycle at ESAK and then at INAT.

*** From 1985 to 2010: Advising** 35 Memoirs of End Studies (MFE) for Senior Technician Cycle (converted in Applied License Cycle) at ESAK.

RESEARCH

My major research work concerns the fungal diseases of field crops which are mainly Cereals and Legumes (*see farther the list of my publications*). Themes cover different aspects and mainly:

- Identification, biology and characterization of fungal species responsible of diseases,
- Some aspects of the relation host-parasite in the field of the fungal diseases,
- Chemical and integrated controls of some fungal diseases.

I have been at ESAK (University of Jendouba) from 2006 to 2012 Director of the Research Unit "Control of the biotic and abiotic stresses of field crop (Cereals and Legumes)".

Presently, I am at INAT (University of Carthage) since 2014, Director then member of the Research Laboratory "Bioagressors and integrated pest management in agriculture (LR/BPIA)".

I also belong at INAT to the Research Project "Study of the variability of the pathogen populations and pests of durum wheat (*Residur*)".

Some other activities:

- **March 17 - 20, 2009 :** Seating in the "2009 Technical Workshop / Borlaug Global Rust Initiative" on cereal rusts **(Obregon, MEXICO)**.
- **July 14 - August 18, 1997:** Short lab research in the Plant Pathology Laboratory under the advisory of Prof. Philippe Lepoivre at the University Faculty of Agronomic Sciences of Gembloux, University of Liege, Belgium, on the *in planta* mode of action of the antitranspirant Folicote on *Botrytis cinerea,* inoculated to the bean leaves, **(Gembloux, BELGIUM)**.
- **April 10 - 24, 1996:** Participation in a Regional Agronomic Traveling Workshop on Cereals, organized by the International Center for Agricultural Research in the Dry Areas (ICARDA) **(LIBYA)**.

- **July 15 - August 15, 1995:** Short lab research in the Plant Pathology Laboratory under the advisory of Prof. Philippe Lepoivre at Faculty of Agronomic Sciences of Gembloux, University of Liege, Belgium, on the *in vitro* mode of action of antitranspirants on the phytopathogenic fungus *Botrytis cinerea* **(Gembloux, BELGIUM)**.

INFLUENCE

My influence (*rayonnement* in French) activities concern the plant disease field and consist in:

- The participation in information and education days organized at the local or national level in the benefit of technicians and farmers,
- The participation in seminaries organized in the benefit of technicians and students in agronomy,
- The participation in the National Days on the Results of the Agronomic Research organized annually by the Institution of the Agricultural Research and Higher Education (IRESA),
- The participation in the writing of technical and extension documents published by IRESA and the Agency of Agricultural Extension and Education (AVFA),
- The coordination and/or the participation in the writing of technical books published by ESAK or IRESA on Cereals and Legumes,
- The publication of national and international scientific books in the field of Phytopathology, of Plant Health and of Agricultural Higher Education and Scientific Research,
- Evaluation scientific articles of various national, regional and international reviews,
- The foundation and Edition as Editor-in-Chief of a specialized, English speaking, indexed scientific review: "Tunisian Journal of Plant Protection" (since 2006),
- Representing Tunisia in meetings of regioanl and international commissions,
- Being member of the Editorial Boards of some regional scientific reviews (AJPP et ANEPPNEL, RJPP).

International Influence

- **April 7, 2022:** Poster in the "16th Congress of the Mediterranean Phytopathological Union" about the behavior of some wheat varieties to *Pyrenophora tritici-repentis*, the causal agent of

the tan spot disease, website <https://cyprusconferences.org/mpu2022>, **(Limassol, CYPRUS)**.

- **From 2018:** Member of Editorial Board of Research Journal of Plant Pathology (RJPP), website <http://www.imedpub.com/research-journal-of-plant-pathology/editors.php>, **London, UK**.

- **27 - 29 November, 2017:** Facilitator and Lecturer at the Workshop on development of SPS information systems and enhancing advocacy, awareness and communication to ensure availability of sufficient safe biological control organized by the Inter-African Phytosanitary Council (Conference: The use of biological method for plant disease control), **Addis Ababa, ETHIOPIA**.

- Member of the Scientific Committee of the 1st Maghreb Symposium on the Integrated Plant Protection (SYMPIP 2017), **October 30 - November 1, 2017, Sousse, TUNISIA**.

- **October 30, 2017:** Conference at the request of the organizers of 1st Maghreb Symposium on the Integrated Plant Protection (SYMPIP 2017), **October 30 - November 1, 2017, Sousse, TUNISIA**, on an update of the main quarantine bioaggressors threatening strategic crops in Maghreb countries.

- Member of the Scientific Committee of the 15ème Congress of the de Mediterranean Phytopathological Union, **June 20-23, 2017, Cordoba, SPAIN**.

- **April 9, 2017:** Conference at the request of the Ministry of Environment of Tunisia for the 1st Annual Biorisk Management Symposium MENA-BA, **April 6-8, 2017, Tunis, TUNISIA**, on the main quarantine bioaggressors threatening strategic crops in Maghreb countries.

- Member of the Scientific Committee of the 2nd Afro-International Congress on Allelopathy, **November 16-19, 2016**, **Sousse, TUNISIA**.

- **April 26-28, 2016 :** Three conferences at the request of the Faculty of Sciences of Nature, Life and Earth, University of **Khemis Miliana, ALGERIA**, in the benefit of agronomic students on the fungal diseases of crop fields (Identification and Control Methods).

- Member of the Scientific Committee of the 1st National Symposium on the Integrated Plant Protection (SYNPIP 2015), **April 20-21, 2015, Sousse, TUNISIA**.

- **October 9, 2015:** Conference in the 9th International Symposium of the Mediterranean Group of Pesticide Research, **October 9-10, 2015, Hammamet, TUNISIA**, on the reform of the pesticide registration procedure in Tunisia (from 2009 to 2012) (Bouzid Nasraoui & Hanene Chaabane).

- Member of the Scientific Committee of the 1st Afro-International Congress on Allelopathy, **February 6-9, 2014**, **Sousse, TUNISIA**.

- **From 2011:** Member of the Editorial Board of the *Arab and Near-East Plant Protection Newsletter* (ANEPPNEL), published in English and Arabic, website <http://www.asplantprotection.org/ASPP_NewsLetter.htm>, **Beirut, LEBANON**.

- **May 12, 2006:** Participation in the examination commission of a Dissertation Doctorate in Sciences at the Institute of Botany, University of Neuchâtel, on the use of the compost and its extract against fungal diseases (**Mohamed Larbi**) **(Neuchâtel, SWITZERLAND)**.

- **November 21-24, 2005:** Oral communication in the "Third Maghreb Regional Symposium on Cereal and Food Legumes Diseases" on a chemical control program resulting from ten years of research on fungal foliar diseases of cereals in Tunisia **(Algiers, ALGERIA)**.

- **From 2004:** Member of the Editorial Board of the *Arab Journal of Plant Protection* (AJPP), published in English and Arabic, website <http://www.asplantprotection.org/ASPP_Journal.htm>, **Beirut, LEBANON**.

- **December 8-12, 2003:** Oral communication in the "6th International Symposium on *Septoria* and *Stagonospora* Diseases of Cereals" about a chemical program to control *Septoria tritici* leaf blotch disease of durum wheat in Tunisia, **Tunis (TUNISIA)**.

- **June 5-7, 2003:** Participation in a founder meeting of international network of French speaking education of crop protection at the Faculty of Agronomic Sciences of Gembloux, University of Liege, Belgium, **(Gembloux, BELGIUM)**.

- **November 10-12, 1999:** Oral and poster communications in the "Second Maghreb Regional Symposium on Cereal and Food Legume Diseases" about (1) the chemical control of cereal fungal diseases and (2) the response of some cereal germplasms to fungal diseases, **(Nabeul, TUNISIA)**.

- **March 17-26, 1997:** Member of the organizing committee and lecturer in the "In-Country training course on cereal disease and insect methodologies", co-organized by ICARDA and ESAK, **(Kef, TUNISIA)**.

- **November 11-16, 1996:** Oral communication in the "First Maghreb Regional Symposium on Cereal and Food Legume Diseases" about the new diseases of cereals and food legumes observed in Tunisia (*Extra Program*), **(Rabat, MOROCCO)**.

- **Mai 7, 1996:** Poster in the "48th International Symposium on Crop Protection" of the University of Gent, Belgium, on the control of barley scald using an antitarnspirant et a fungicide **(Gent, BELGIUM)**.

- **May 21, 1991:** Poster in the "147th Meeting of Belgian Society of Biochemistry" about the induction of cutinase enzyme in *Ascochyta pisi* using commercial fatty acids, **(Mons, BELGIUM)**.

- **May 8, 1990:** Oral communication in the "42th Annual International Symposium of Plant Protection" of the University of Gent, Belgium, about cutinase enzyme released by *Ascochyta pinodes* and *Ascochyta pisi*, **(Gent, BELGIUM)**.

National Influence

- **March 24, 2017:** Conference in the "1st Congress of the High School of the Veterinary Medicine of Sidi-Thabet", TUNISIA, March 23-24, 2017, on the risks for health and environment due to fungal pathogen mycotoxins and pesticide residues.

- **March 3, 2017:** Conference at the request of IRESA for its workshop of training and awareness-raising on cereal rusts at Sidi-Thabet, TUNISIA, on the main rusts of cereals threatening Tunisia: Causal agents, biology and control methods.

- Member of the Scientific Committee of the "1st National Symposium on the Integrated Plant Protection (SYNPIP 2017)", **April 20-21, 2015**, Sousse, TUNISIA.

- **May 22, 2013:** Conference at the request of the Tunisian Society of Sustainable Agriculture (ATAD), Chott-Mariem, TUNISIA, on the plant health sector in Tunisia: Realities, perspectives and some propositions for a better adaptation to sustainable agriculture.

- **December 16-17, 2010:** Participation in an oral communication in the Seventeenth National Days on the Results of Agronomic Research about the effect of *Fusarium culmorum* and the water stress on durum wheat (Seasons 2007/08 and 2008/09).

- **December 2-3, 2009:** Participation in an oral communication in the Sixteenth National Days on the Results of Agronomic Research about the utilization of linseed oil antitranspirant for the control of water stress and fungal diseases of wheat (Season 2007/08).

- **December 18-19, 2008:** Participation in oral and poster communications in the Fifteenth National Days on the Results of Agronomic Research about control essays of (1) water stress and (2) fungal diseases of cereals using antitranspirants.

- **December 6-7, 2007:** Participation in an oral communication in the Fourteenth National Days on the Results of Agronomic Research about essays of chemical control by foliar treatment based on chlorothalonil and azoxystrobin against Ascochyta chickpea blight in field.

- **December 14-15, 2006:** Participation in a poster in the Thirteenth National Days on the Results of Agronomic Research about premilinary essays of chemical control by foliar treatment with chlorotalonil against Ascochyta chickpea blight in Tunisia.

- **December 8-9, 2005:** Poster in the Twelfth National Days on the Results of Agronomic Research about the influence of the seeding density on powdery mildew, net blotch and production of barley : Results of three seasons (2002/03 - 2003/04 - 2004/05).

- **December 9 - 10, 2004:** Poster in the Eleventh National Days on the Results of Agronomic Research about the influence of the seeding density on powdery mildew, net blotch and production of barley (results of two seasons : 2002/03 - 2003/04).

- **December 16-17, 2003:** Two posters in the Tenth National Days on the Results of Agronomic Research about (1) preliminary essays of chemical control againt Septoria leaf blotch of durum wheat in Tunisia and about (2) an essay of chemical control of Ascochyta chickpea blight by field foliar treatment.

- **December 12-13, 2002:** Two posters in the Ninth National Days on the Results of Agronomic Research about (1) seminotherapic chemical control of barley powdery mildew and (2) main fungal diseases of peach population *Bargou* in Siliana area in Tunisia.

- **November 23-24, 2000:** Poster in the Seventh National Days on the Results of Agronomic Research about combined chemical control of weeds and barley net blotch.

- **December 1-2, 1999:** Poster in the Sixth National Days on the Results of Agronomic Research about seminotherapic chemical control of barley scald.

- **During 1998:** Participation in the writing of a document (Basic Technical Cards / Cereals) published by AVFA : Chaptir of the fungal diseases of cereals, pp : 88-103.

- **December 3-4, 1998:** Oral communication in the Fifth National Days on the Results of Agronomic Research about seminotherapic chemical control of wheat bunt and barley powdery mildew.

- **November 28-29, 1997:** Oral and poster communications in the Fourth National Days on the Results of Agronomic Research about (1) wheat bunt in Tunisia and (2) peach leaf curl.

- **November 29 - December 1, 1996:** Oral communication in the Third National Days on the Results of Agronomic Research about an integrated weed and disease control in cultivated barley.

- **During 1995:** Participation in writing of the document of IRESA on the "Main Asheived Agronomic and Veterinary Research" for the 10-15 last years: The cereal and food legume diseases (Cards N°: 16, 29, 40, 41 and 42).

- **December 8-10, 1995:** Oral communication in the Second National Days on the Results of Agronomic Research about the chemical control of barley scald.

- **December 2-4, 1994:** Oral communication in the First National Days on the Results of Agronomic Research about some aspects of wheat bunt.

REPRESENTING TUNISIA

- **April 17-18, 2012:** Participation as Tunisia representative to the 139th Meeting of the Executive Committee of Europpean and meditarranean Plant Protection Organization (EPPO) **(Paris, FRANCE)**.

- **November 16-18, 2011:** Participation to the "International Symposium on the Control of *Tuta absoluta*" (co-organized by IOBC, FAO, EPPO, NEPPO, IRAC, IBMA) and presentation of the Tunisian strategy to control this pest **(Agadir, MOROCCO)**.

- **Novembre 14-15, 2011:** Participation to the first meeting of the Executive Bureau of the Near-East Plant Protection Organization (NEPPO) **(Agadir, MOROCCO)**.

- **December 19-20, 2010:** Participation to the 6th Session of the EMPRES program Steering Committee of the Commission of the Desert Locust control of the West Region (CLCPRO) **(Tripoli, LIBYA)**.

- **October 26-29, 2010:** Participation to the 1st Directorate Council meeting (Founder Meeting) of the NEPPO **(Rabat, MOROCCO)**.

- **July 22-26, 2009:** Institutional visit as an Institutional Representative of the Tunisian Ministry of Agriculture to the Mediterranean Agronomic Institute of Bari, Italy, to learn about the Italian experience in the field of the plant certification, as planed in the Italian-Tunisian Project "Support Actions to the Production of Fruits and Vegetables in Tunisia" **(Bari, ITALY)**.

- **June 24-27, 2009:** Participation to the 5th Session of the EMPRES program Steering Committee of the CLCPRO **(Agadir, MOROCCO)**.

- **Juin 15-16, 2009 :** Participation in the preparation of the 2nd phase of the FAO regional project "Regional Integrated Pest Management Program in the Near East" **(Cairo, EGYPT)**.

OFFICIAL EXPERTISES

- **August-September, 2017:** Execution of a consultancy of 20 days at the request of **FAO** as an ***International Consultant in Plant Protection*** to develop and edit a conference document on "Plant and animal transboundary pests and diseases: A case for regional cooperation and trust fund" for the Project FAO/RNE NERC34th **(Home Based Work / Rabat, MOROCCO)**. At Rabat, **5-6 February 2018**, performing as international consultant of 2 presentations: (1) Transboundary Plant Pathogens and Insect Pests, and Invasive Weeds: Current Status and Future Threats in NENA region, and (2) Climate Change Impact on Plant Insect Pests and Diseases and on Weeds in NENA region.

- **July, 2017:** Execution at the request of **GIZ** of a training of 3 groups on the "Good agricultural and phytosanitary practices and integrated control against plant diseases" to the benefit of young engineers, technicians and agricultural investors (Project PAD-IAAA-Plantix) **(Thibar, Sidi-Bourouis and Kairouan, TUNISIA)**.

- **November, 2016:** Execution at the request of **FAO** of the development and English to French translation of a document on the management of the olive decline disease due to *Xylella fastidiosa* (Duration 1 month) **(Home Based Work)**.

- **March, 2015:** Execution of a consultancy of 5 weeks at the request of **FAO** as an ***International Consultant in Plant Protection*** for the "Project of development of a data base on the most important bioaggressors of date palm in the Kingdom of Saudi Arabia" (Project FAO-UTF/SAU/038/SAU) **(Riyadh, KINGDOM OF SAUDI ARABIA)**.

- **November 16-20, 2014:** Execution at the request of **ICARDA** of a training to the benefit of the quarantine inspectors of the Ministry of Environment and Waters of the United Arab Emirates on the diagnostic and identification of the quarantine diseases of the country **(Dubai, UNITED ARAB EMIRATES)**.

- **March, 2005:** Execution of a consultancy of 2 weeks at the request of **FAO** as a ***National Consultant in Plant Protection*** for the "Project of development and reorganization of the crop protection sector in Tunisia" (Project FAO-TCP/TUN/2801 (A)) **(Home Based Work)**.

SCIENTIFIC COUNCILS

- **2017- 2018:** President of the Scientific Council of INRAT (as Director General).

- **2015-2017:** Member of the Scientific Council of INAT (as Director of the Department PPMPR/SVE).

- **2003-2008:** President of the Scientific Council of ESAK again (as Director).

- **2000-2003:** Member of the Scientific Council of ESAK.

- **1994-2000:** President of the Scientific Council of ESAK (as Director).

- **1992-1994:** Member of the Scientific Council of ESAK.

COMMISSIONS AND EXAMINATION BOARDS

Defense Examination Boards

I was and I am being examination board member of phytopathology for the evaluation of highly numerous **Doctorates** (**from 2005**), **Masters** (**from 1995**) and **PFE & MFE** (**from 1985**).

Commission of Doctorates

I am member of the Commission of the Doctorates and University Habilitation (Specialty: Phytiatry) of INAT since its creation.

Commissions of Recruitment and Promotion

- **2017-2018:** Committee Member of the recruitment for the Associate-Professor grade and committee Member of the promotion for the Assistant-Professor grade (Plant Protection).

- **2015:** Committee Member of the promotion for the Research-Professor grade (Plant Production, Plant Protection and Rural Economics), *in replacement of a retired member*.

- **2014-2015:** Head of the committee of the promotion for the Professor grade and committee Member of the recruitment for the Associate-Professor grade (Plant Protection).

- **2012-2013:** Head of the committee of the recruitment for the Assistant-Professor grade and committee Member of the recruitment for the Associate-Professor grade (Plant Protection).

- **2009-2010:** Head of the committee of the recruitment for the Associate-Professor grade and committee Member of the recruitment for the Assistant grade (Plant Protection).

- **2007-2008:** Head of the committee of the promotion for the Professor grade and committee Member of the recruitment for the Assistant grade (Plant Protection).

- **2005-2006:** Head of the committee of the recruitment for the Assistant grade (Plant Protection).

- **2003-2004:** Head of the committee of the recruitment for the Assistant grade (Plant Protection).

- **1999-2000:** Head of the committee of the recruitment for the Assistant-Professor grade and committee Member of the recruitment for the Assistant grade (Plant Protection).

- **1997-1998:** Head of the committee of the recruitment for the Assistant grade and committee Member of the promotion for the Professor grade (Plant Protection).

Ad-Hoc Commissions

- **2016:** Designed by IRESA as President of an Ad-Hoc Commission to study and analyze a plagiarism litigation between 2 colleagues at the ISACh-M, Chott-Mariem, Tunisia.

- **2013:** Designed by IRESA as President of an Ad-Hoc Commission to study and analyze a plagiarism litigation between 2 colleagues at the Regional Research Center of Oasis Agriculture at Degache, Tozeur, Tunisia.

TRAININGS

- **June 8-11, 2015:** Seating in the international course "Mapping of QTL and candidate genes controlling agronomic traits of interest" organized by the Biotechnological Center of Borj Cedri a (CBBC) **(Tunis, TUNISIA)**.

- **March 31 - April 5, 2014:** Seating in the international course "Emerging and quarantine diseases of mediterranean fruit and vegetable crops" organized by the International Center of the Mediterranean Agronomic Advanced Studies (CIHEAM) at the Agronomic Mediterranean Institute of Zaragoza (IAM Zaragoza) **(Zaragoza, SPAIN)**.

- **May 14-19, 2006:** Seating in the training "Creation and management of an online course / 2nd Part", organized by the French Speaking University Agency (AUF) for Maghreb teachers specialized in plant protection **(Rabat, MARROCO)**.

- **December 12-16, 2005:** Seating in the training "Conception, development and utilization of an online course / 1st Part", organized by the AUF for Maghreb teachers specialized in plant protection **(Tunis, TUNISIA)**.

- **September 10-12, 2005:** Seating in "Wheat Expert System Workshop Verification" organized by the Central Lab of Expert Systems in Egypt **(Cairo, EGYPT)**.

- **August 1-30, 2005:** Training in molecular biology applied to phytopathology in the Phytopathology Laboratory of the Faculty of Agronomic Sciences of Gembloux, University of Liege, Belgium **(Gembloux, BELGIUM)**.

- **April 6-16, 1997:** Seating in a course entitled "Course on legume diseases and their control", organized by ICARDA **(Aleppo, SYRIA)**.

- **January 14-19, 1995:** Seating in a course on Mycotoxins organized by the Arabic Network for Biological Sciences **(Amman, JORDAN)**.

- **March 26 - April 8, 1994:** Seating in a training course on "Programming and management of research and development activities" in agriculture organized by the Research National Center of Egypt **(Ismaylia, EGYPT)**.

DISTINCTIONS

- **July 2003:** Decoration by the National Order of Merit (Chevalier) in the Education and Sciences field.

- **Some other** favorable testimonials at the national and international levels (*See my Annex of CV*).

LIST OF PUBLISHED SCIENTIFIC BOOKS

Scientific Review

Nasraoui, B., from 2006: Founder and **Editor-in-Chief** of the half-yearly indexed review "Tunisian Journal of Plant Protection" <www.tjpp.tn>. **[*p*ISSN: 1737-5436, *e*ISSN: 2490-4368]**

Scientific Books

* *Individual International Book*

7) - Nasraoui B., 2016. Les champignons et pseudo-champignons pathogènes des plantes cultivées: Biologie, Nouvelle systématique, Interaction pathologique **[Pathogenic fungi and pseudo-fungi of cultivated plants: Biology, New systematic, Pathological interaction]**. Editions Universitaires Européennes, 198 p, **GERMANY**. ***(Reprint of the book 2015, installed in the online European university network)*** **[ISBN : 978-3-639-54454-1]**

* *Joint International Book*

6) - Nasraoui B. & Lepoivre P., 2003. *Les champignons phytopathogènes*, **[Pathogenic fungi]**. Pages 111-143, In *Phytopathologie* **[Phytopathology]**. Ouvrage collectif sous la direction de P. Lepoivre. De Boeck Université Eds., 427 p, **BELGIUM**. **[ISBN : 2-8041-4115-2]**

* *Individual National Book*

7) - Nasraoui B., 2015. Les champignons et pseudo-champignons pathogènes des plantes cultivées: Biologie, Nouvelle systématique, Interaction pathologique **[Pathogenic fungi and pseudo-fungi of cultivated plants: Biology, New systematic, Pathological interaction]**. Publication de l'INAT, 180 p, Tunisia. ***(Reprint in 2016 in Germany)***

5) - Nasraoui B., 2008. Main fungal diseases of cereals and legums in Tunisia (with Expert System CD). *Principales maladies fongiques des céréales et des légumineuses en Tunisie*. أهم الأمـــراض الفطريـة للحبـــوب والبقوليـات فـي تونـــس. Centre de Publication Universitaire, 324 p, Tunisie. (in Arabic, English and French) **[ISBN : 978-9973-37-431-8]**

4) - **Nasraoui B.**, 2006. *Les champignons parasites des plantes cultivées* (*Biologie, Systématique, Pathologie, Maladies*), **[Parasitic fungi of cultivated plants: Biology, Systematic, Pathology, Diseases] (**with an English version on CD). Centre de Publication Universitaire, 456 p, Tunisie. **[ISBN : 978-9973-37-302-1]**

3) - Nasraoui B., 2002. Main fungal diseases of food legumes in Tunisia. *Principales maladies fongiques des légumineuses alimentaires en Tunisie*. أهم الأمـراض الفطرية للبقوليات الغذائية في تونس. Centre de Publication Universitaire, 97 p, Tunisia. (in Arabic, English and French) **[ISBN : 9973-37-037-6]**

2) - Nasraoui B., 2000: Main fungal diseases of cereals in Tunisia. *Pricipales maladies fongiques des céréales en Tunisie*. أهـم الأمـــراض الفطريـة للحبـــوب فـي تونـــس. Centre de Publication Universitaire, 145 p, Tunisia. (in Arabic, English and French) **[ISBN : 9973-948-16-5]**

1) - Nasraoui B., 2000: Introduction à la phytomycologie: Morphologie, biologie et systématique appliquée aux champignons phytopathogènes, **[Introduction to phytomycology: Morphology, biology and systematic applied to phytopathogenic fungi]**. Centre de Publication Universitaire, 185 p, Tunisia. **[ISBN : 9973-948-10-6]**

LIST OF PUBLISHED TECHNICAL DOCUMENTS

9) - غير مسمى، 2023: أهم النباتات الغازية في المملكة العربية السعودية: خصائصها وطرق مكافحتها. **بوزيد نصراوي**.
[Anonymous, 2022 : Most important invasive plants in the Kingdom of Saudi Arabia: Their characteristics and control methods. Bouzid Nasraoui]
المركز الوطني للوقاية من الآفات النباتية والأمراض الحيوانية ومكافحتها (مركز وقاء)، وزارة البيئة والمياه والزراعة، المملكة العربية السعودية، 134 صفحة.

8) - نصراوي، بوزيد، 2020. الدليل الحقلي لمكافحة سوسة النخيل الحمراء في تونس (خاص بنخيل التمر).
[Nasraoui B., 2020: Field guide for the control of the red palm weevil in Tunisia (case of date palms] منشورات المعهد الوطني للعلوم الفلاحية بتونس، جامعة قرطاج، تونس، 70 صفحة.

7) - غير مسمى، 2020: دليل رعاية النخلة. **بوزيد نصراوي** ضمن تأليف جماعي، طبعة أولى.
[Anonymous, 2020 : Guide of palm cultivation. Bouzid Nasraoui within a collective authorship, First Edition]
المركز الوطني للنخيل والتمور، وزارة البيئة والمياه والزراعة، المملكة العربية السعودية، 137 صفحة.

6) - غير مسمى، 2020: الدليل الإجرائي للإدارة المتكاملة لسوسة النخيل الحمراء. **بوزيد نصراوي** ضمن تأليف جماعي، طبعة ثالثة.
[Anonymous, 2020 : Procedural guide of the integrated management of the red palm weevil. Bouzid Nasraoui within a collective authorship, Third Edition]
وزارة البيئة والمياه والزراعة، المملكة العربية السعودية، 154 صفحة.

5) - نصراوي، بوزيد، 2009: الأمراض الفطريّة بمزارع الحبوب (صص 14-24) *In* مكافحة الآفات ورش المبيدات بمزارع الحبوب (محمد علي بن عبد الله وبوزيد نصراوي وبوجمعة قربوص)،
[Nasraoui B ., 2001 : Fungal diseases in cereal crops *In* Pest control and pesticide spray in cereal crops (Mohamed Ali Ben Abdallah, Bouzid Nasraoui and Boujemaa Kerbous)]
مؤسسة البحث والتعليم العالي الفلاحي، 59 ص، Tunisia. **[ISBN : 978-9973-0914-1-3]**

4) - نصراوي، بوزيد، 2001: الأمراض الفطريّة (صص 43-49) *In* زراعة البقوليات الغذائية بالمناطق شبه الجافّة التّونسيّة،
[Nasraoui B., 2000: Fungal diseases *In* Cropping of food legumes in semi-arid areas of Tunisia] المدرسة العليا للفلاحة بالكاف، 77 ص، Tunisia.

3) - Nasraoui B., 2000: Introduction (p 1), Maladies fongiques (pp 43-47) et Conclusion (p 71) *In* Cultures des légumineuses alimentaires dans les régions semi-arides de la Tunisie (Coordination B. Nasraoui & M. Melki), **[Cropping of food legumes in semi-arid areas of Tunisia (Edited by B. Nasraoui & M. Melki)]**. Ecole Supérieure d'Agriculture du Kef, 71 p, Tunisia.

2) - نصراوي، بوزيد، 1998: مقدمة (صص 1-2)، اختيار الأصناف (صص 5-6)، مداواة البذور (صص 18-20)، الأمراض الفطريّة (صص 58-69) و خاتمة (ص 97) In زراعة القمح والشّعير بالمناطق شبه الجافّة التّونسيّة (تنسيق بوزيد نصراوي)،

[Cropping of wheat and barley in semi-arid areas of Tunisia (Edited by B. Nasraoui)] المدرسة العليا للفلاحة بالكاف، 97 ص، Tunisia.

1) - Nasraoui B., 1996: *Introduction* (p 1), *Choix des variétés* (p 5), *Traitement des semences* (pp 15-16), *Maladies fongiques* (pp 47-52) *et Conclusion* (p 71) In *Cultures du blé et de l'orge dans les régions semi-arides de la Tunisie (Coordination B. Nasraoui)*, **[Cropping of wheat and barley in semi-arid areas of Tunisia (Edited by B. Nasraoui)]**. Ecole Supérieure d'Agriculture du Kef, 71 p, Tunisia.

LIST OF PUBLISHED GOUVERNANCE DOCUMENTS

1) - نصراوي، بوزيد، 2013. المنظومة الفلاحية للتعليم العالي والبحث العلمي في تونس: بعض الآراء والاقتراحات، 20 صفحة، Tunisia.

[Nasraoui B., 2013: Agricultural system of higher education and scientific research in Tunisia: Some viewpoints and propositions, 20 p, Tunisia]

2) - نصراوي، بوزيد، 2013. قطاع الصحة النباتية في تونس: الواقع والآفاق ومقترح إصلاح جوهري، 100 صفحة، Tunisia.

[Nasraoui B., 2013: Plant health sector in Tunisia: Situation, perspectives and proposition of a substantial reform, 100 p, Tunisia]

PUBLISHED OPINION ARTICLE

*) Teixeira da Silva, J.A. & **Nasraoui B.,** 2013. *Opinion Paper* - International collaboration, partnerships or cooperation in science writing: Case of Africa and the Middle-East with a

focus on Tunisia. African Journal of Plant Science and Biotechnology 7 (1): 99-105. **(Global Science Books)**

LIST OF PUBLISHED SCIENTIFIC PAPERS

110) Tissaoui S., Benyoussef N.O., Chaar H., Hassine M., Venisse J.S., **Nasraoui B.** & Hamdane A.M. 2023. Progression of wheat tan spot under different bioclimatic stages and agricultural practices. Plant Protect. Sci., 59 (3): 233-244. (https://doi.org/10.17221/103/2022-PPS) **(CZECH)**

109) Grati-Affes T., Lasram S., Hammemi M., Yeddes W., Aidi-Wannes W., Khammassi S., Labidi-Ben Hmida N., **Nasraoui B.** & Saidani-Tounsi M., 2022. In vitro antifungal potential of peel essential oils from different Citrus species on *Alternaria alternata*. Trends Phytochem. Res. 6(3): 214-223. (https://doi.org/10.30495/tpr.2022.1959195.1258) **(IRAN)**

108) Grati-Affes T., Lasram S., Hammami M., Yeddes W., Aidi-Wannes W., Khammassi S., **Nasraoui B.**, Saidani-Tounsi M. & Labidi-Ben Hmid N., 2022. A comparative assessment of antifungal activity of essential oils of five medicinal plants from Tunisia. International Journal of Plant Based Pharmaceuticals, 2 (2): 220-227. (doi: https://doi.org/10.29228/ijpbp.4) **(TURKEY)**

107) Tissaoui S., Hassine M., Mougou-Hamdane A., Ben Araar A., Nasraoui R. & **Nasraoui B.**, 2022. Varietal screening of durum wheat varieties for resistance to *Pyrenophora tritici-repentis* (Tan Spot) under field conditions. BioMed Research International, Article ID 6433577, 12 pp. (https://doi.org/10.1155/2022/6433577) **(UK)**

106) Grati-Affesa T. Chenenaoui S., Zemni H, Hammami M., Bachkouel S., Aidi-Wannes W., **Nasraoui B.**, Saidani-Tounsia M. & Lasram S., 2022: Biological control of Citrus brown spot pathogen, *Alternaria alternata*, by different essential oils. International Journal of Environmental Health Research, 14 pp. (https://doi.org/10.1080/09603123.2022.2055748) **(UK)**

105) Tissaoui S., Hassine M., Mougou-Hamdane A. & **Nasraoui B.**, 2022: Geographical distribution of tan spot severity on durum wheat. Asian Journal of Research in Biosciences, 4 (1): 39-47. (https://globalpresshub.com/index.php/AJORIB/article/view/1412/1183) **(INDIA)**

104) Tissaoui S., Mougou-Hamdane A., Omri-Benyoussef N. & **Nasraoui B.**, 2021: Variability of *Pyrenophora tritici-repentis* isolated from different wheat areas of Tunisia: Morphocultural characterization, pathogenic analysis and virulence effector genes. Archives of Phytopathology and Plant Protection, 19 pp. (https://doi.org/10.1080/03235408.2021.1991127) **(UK)**

103) **Nasraoui B.**, 2020. Red palm weevil (*Rhynchophorus ferrugineus*): Proposition of a simple and low-cost control program. Flehetna (http://flehetna.com), January 2021, Tunisia, 12 pp. (https://drive.google.com/file/d/1pMZxj4J_1ExwQWJdyljQ0PV6n05iHLQh/view)

102) Mannai S., Jabnoun-Khiareddine H., **Nasraoui B.**, & Daami-Remadi M., 2020: Biocontrol of Pythium damping-off on pepper (*Capsicum annuum*) with selected fungal and rhizobacterial agents. Int. J. Phytopathol., 09 (01): 29-42. (DOI: 10.33687/phytopath.009.01.3083) **(PAKISTAN)**

101) Kaddes A., Fauconnier M.L., Sassi K., Berhal C., **Nasraoui B.**, & Jijakli M.H., 2020 : Efficacité des composés organiques volatils fongiques (synthèse bibliographique), **[Efficacy of fungi Volatile Organic Compounds (A review)]**. Biotechnol. Agron. Soc. Environ., 24: 81-98. (DOI: 10.25518/1780-4507.18531) **(BELGIUM)**

100) Farhat I., Hammami M., Cherif M. & **Nasraoui B.**, 2020: Chemometric analysis of geographic origins and compositions of *Citrus sinensis* (L.) Osbeck var 'Maltaise demi sanguine' essential oil, Journal of Essential Oil Research, 12 pp. (doi:10.1080/10412905.2020.1733110) **(UK)**

99) Dhaouadi S., Rouissi W., Mougou-Hamdane A. & **Nasraoui B.**, 2019: Evaluation of biocontrol potential of *Achromobacter xylosoxidans* against Fusarium wilt of melon. Eur. J. Plant Pathol. 154:179-188. (doi.org/10.1007/s10658-018-01646-2) **(SWITZERLAND)**

98) Kaddes A., Fauconnier M.L., Sassi K., **Nasraoui B.** & Jijakli M.H., 2019: Antifungal properties of two volatile organic compounds on barley pathogens and introduction to their mechanism of action. International Journal of Environmental Research and Public Health, 16, 2866, 14 pp. (doi:10.3390/ijerph16162866) **(SWITZERLAND)**

97) Kaddes A., Fauconnier M.L., Sassi K., **Nasraoui B.** & Jijakli M.H., 2019: Endophytic fungal volatile compounds as solution for sustainable agriculture. Molecules, 24, 1065, 16 pp. (doi:10.3390/molecules24061065) **(SWITZERLAND)**

96) Chekali S., Gargouri S., Ben Hammouda M., Cheikh M'hamed H. & **Nasraoui B.**, 2019: Incidence of Fusarium foot and root rot of cereals under conservation agriculture in north west Tunisia. Phytopathologia Mediterranea, 58(1): 95-102. (doi:10.13128/Phytopathol_Mediterr-21901) **(ITALY)**

95) Bouagga A., Chaabane H., Toumi K., A. Mougou-Hamdane A., **Nasraoui B.** & Joly L., 2019: Pesticide residues in Tunisian table grapes and associated risk for consumer's health, Food Additives & Contaminants: Part B, 11 pp. (DOI: 10.1080/19393210.2019.1571532) **(UK)**

94) Bouagga A., Chtioui W., **Nasraoui B.** & Chaabane H., 2019 : Diagnostic de la gestion phytosanitaire et des pratiques des vignerons au nord de la Tunisie. **[Pest management knowledge and practices of grapevine farmers in northern of Tunisia]**. Journal of New Sciences, Agriculture and Biotechnology, 67 (2): 4191-4197.

93) Mougou-Hamdane A., Touati R., Faddaoui S., Garbouj R., BenAraar A. & **Nasraoui B.,** 2018. Barley Net Blotch in Tunisia: Areal distribution, forms and molecular identification. Tunisian Journal of Plant Protection, 13 (1): 57-68.

92) Dhaouadi S., Rouissi W., Mougou-Hamdane A., Hannachi I. & **Nasraoui B.,** 2018. Antifungal activity of essential oils of *Origanum majorana* and *Lavender angustifolia* against Fusarium wilt and root rot disease of melon plants. Tunisian Journal of Plant Protection, 13 (1): 39-55.

91) Mannai S., Jabnoun-Khiareddine H., **Nasraoui B.** & Daami-Remadi M. 2018: Rhizoctonia Root Rot of Pepper (*Capsicum annuum*): Comparative pathogenicity of causal agent and biocontrol attempt using fungal and bacterial agents. J. Plant Pathol. Microbiol., 9 (2): 431. (doi: 10.4172/2157-7471.1000431) **(USA)**

90) Bouagga A., Chaabane H., Chtioui W., Mougou-Hamdane A. & **Nasraoui B.** 2017: Pesticides used in Tunisian vineyards: What's the risk for the environment and the human health? *IN* Euro-Mediterranean Conference for Environmental Integration (EMCEI-1, Tunisia 2017). A. Kallel et al. (eds.), Recent Advances in Environmental Science from the Euro-Mediterranean and Surrounding Regions, Advances in Science, Technology & Innovation, Springer International Publishing AG, 445-447 pp. (doi.org/10.1007/978-3-319-70548-4_139) **(SWITZERLAND)**

89) Tissaoui S., Kamel S., Mougou-Hamdane A., Cherif M. & **Nasraoui B.** 2016 : Reaction of five durum wheat Tunisian varieties toward some populations of *Pyrenophora tritici-repentis* collected from different geographical origins. Tunisian Journal of Plant Protection 11: 239-243.

88) Lahbib A., Chattaoui M., Aydi N., Zaghouani H., Beldi O., Daami-Remadi M. & **Nasraoui B.** 2016: First report of *Schizophyllum commune* associated with apple wood rot in Tunisia. New Disease Reports, 34: 26. **(UK)**

87) Farhat I., Chaabane H., Bouagga A., Khemiri R., Hammami M., Labidi A., Cherif M. & **Nasraoui B.** 2016: Pesticide residues surveillance and anomalies monitoring of 'Maltaise demi sanguine' (*Citrus sinensis* L.) oranges in packinghouses. Journal of New Sciences, Agriculture and Biotechnology, 32(1): 1845-1852.

86) Farhat I., Damergi C., Boukhris H., Hammami M., Cherif M. & **Nasraoui B.**, 2016: Etude des caractéristiques pomologiques, physico-chimiques et sensorielles de la maltaise demi-sanguine cultivée dans les nouvelles zones agrumicoles en Tunisie, **[Study of pomological, physico-chemical and sensory characteristics of the 'Maltaise demi-sanguine' orange cultivated in the new citrus growing areas in Tunisia]**. Journal of New Sciences, Agriculture and Biotechnology, 31(13): 1832-1844.

85) Ouerghi F., Fendri M., Dridi J., Hannachi H., Rassa N., Rhouma A. & **Nasraoui B.**, 2016: Resistance of some olive (*Olea europaea*) cultivars and hybrids to leaf spot disease analyzed by microsatellites. International Journal of Environmental and Agriculture Research, 2 (8): 85-92. **(INDIA)**

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8) **Nasraoui B.**, 1988: Essais de lutte chimique contre l'anthracnose de la fève et du pois chiche en Tunisie, **[Trials of chemical control against *Ascochyta* blight disease of chickpea and faba bean]**. Annales de l'INRAT, 61 (NR1): 8 p.

7) **Nasraoui B.**, Mlaiki A. & Abidi A., 1987: L'anthracnose du pois chiche en Tunisie: Quelques aspects biologiques de son agent causal *Ascochyta rabiei* (Pass.) Lab., **[*Ascochyta* chickpea blight in Tunisia: Some biological aspects of its responsible fungal species *Ascochyta rabiei* (Pass.) Lib.]**. Annales de l'INRAT, 60 (6): 28 p.

6) **Nasraoui B.**, Ben-Othman A. F. & Zarrouk R., 1985: L'anthracnose du pois en Tunisie: Résultats de quelques essais de lutte chimique contre *Ascochyta pinodes* et *Ascochyta pisi*, **[*Ascochyta* pea disease in Tunisia: Results of some chemical control trials of *Ascochyta pinodes* and *Ascochyta pisi*]**. Documents Téchniques (INRAT), N° 94: 18 p.

5) **Nasraoui B.**, Mlaiki A. & Hamza M., 1984: Influence du calcium sur la réaction du pois à l'anthracnose causée par *Ascochyta pisi* Lib., **[Influence of calcium on pea reaction to *Ascochyta pisi* Lib. disease]**. Annales de l'INRAT, 57 (5): 40 p.

4) **Nasraoui B.** & Mlaiki A., 1984: L'anthracnose du pois en Tunisie: III - Quelques aspects pathologiques de ses agents causaux *Ascochyta pinodes* Jones et *Ascochyta pisi* Lib., **[*Ascochyta* pea disease in Tunisia: III – Some pathological aspects of its responsible fungal species *Ascochyta pinodes* Jones and *Ascochyta pisi* Lib.]**. Annales de l'INRAT, 57 (4): 24 p.

3) **Nasraoui B.** & Mlaiki A., 1983: L'anthracnose du pois en Tunisie: II - Quelques aspects biologiques de ses agents causaux *Ascochyta pinodes* Jones et *Ascochyta pisi* Lib., **[*Ascochyta* pea disease in Tunisia: II – Some biological aspects of its responsible fungal**

species *Ascochyta pinodes* Jones and *Ascochyta pisi* Lib.]. Annales de l'INRAT, 56 (4): 32 p.

2) **Nasraoui B.** & Mlaiki A., 1983: L'anthracnose du pois en Tunisie: I - Identification des espèces cryptogamiques responsables, **[*Ascochyta* pea disease in Tunisia: I -Identification of responsible fungal species]**. Annales de l'INRAT, 56 (2): 16 p.

1) Verlodt H., **Nasraoui B.** & Mougou A., 1981: Agronomical results of solar energy recovery and heating by sun-stock system on an early tomato crop under plastic polyethylene greenhouse. Acta Horticulturae, 115: 565-574. **(NETHERLANDS)**

LIST OF ADVISED PROJECTS OF END STUDIES (PFE)

[*FR*]

**** Engineer Cycle (Baccalaureate + 5 years)***

41 - Khchérif Aïcha (2017/18) / INAT : Screening des acides aminés pour optimiser la formulation d'un bio-fongicide contre la pourriture bleue causée par *Penicillium expansum* sur les pommes (en collaboration avec le Laboratoire de Phytopathologie de la Faculté des Sciences Agronomiques de Gembloux, Université de Liège, Belgique).

40 - Jalloul Malak (2016/17) / INAT : Le flétrissement vasculaire du pois chiche : Identification des agents causaux et essais de lutte biologique.

39 - Garmazi Amani (2016/17) / INAT : Caractérisation *Pyrenophora tritici-repentis* et *Pyrenophora teres*, agents causaux respectivement des taches bronzées du blé et la rayure réticulée de l'orge, et essais de lutte biologique *in vitro*.

38 - Faddaoui Sihem (2015/16) / INAT : Caractérisation symptomatique, morphologique et moléculaire des deux formes de *Pyrenophora teres*, agent de la rayure réticulée de l'orge et essais *in vitro* de lutte biologique.

37 - Jeder Sabrine (2014/15) / INAT : Suivi phytosanitaire des cultures dans les serres géothermiques du sud tunisien (en collaboration avec le Laboratoire de la Protection des Cultures / Kébili, IRA Médenine).

36 - Garbouj Rim (2014/15) / INAT : Caractérisation d'isolats de *Pyrenophora teres* collectés de différentes régions géographiques des zones céréalières tunisiennes.

35 - Ben-Arar Alaa-Eddine (2013/14) / INAT : Etudes sur la rayure réticulée de l'orge et l'anthracnose du pois chiche : Caractérisation et essais préliminaires *in vitro* de lutte biologique.

34 - Amamou Hajer (2013/14) / ESAK : Vérification de l'efficacité de quelques micro-organismes antagonistes in vitro et in vivo contre différents phytopathogènes (en collaboration avec le Laboratoire de Phytopathologie de la Faculté des Sciences Agronomiques de Gembloux, Université de Liège, Belgique).

33 - Ajmi Refka & Chemissi Sabrine (2012/13) / ESAK : Identification du spectre de champignons causant la fonte des semis chez les céréales dans la région de Fernana (en collaboration avec le Laboratoire de Recherche de la Protection des Végétaux, INRAT).

32 - Sboui Chaima (2012/13) / ESAK : Mise au point de méthodes de lutte biologique en se basant sur le système lactoperoxydase : Impact des agents dénaturants sur la lactoperoxydase et sur les ions qu'elle produit (en collaboration avec le Laboratoire de Phytopathologie de la Faculté des Sciences Agronomiques de Gembloux, Université de Liège, Belgique).

31 - Ben-Moussa Issam-Eddine (2011/12) / ESAK : Rôle des molécules émises *de novo* par les racines de l'orge atteintes de pourriture racinaire dans les interactions de l'orge avec d'autres organismes de la rhizosphère (en collaboration avec le Laboratoire de Phytopathologie de la Faculté des Sciences Agronomiques de Gembloux, Université de Liège, Belgique).

30 - Agrbaoui Hédia (2010/11) / ESAK : Interactions de l'orge avec les agents pathogènes et les organismes de la rhizosphère par le biais de composés organiques volatiles (en

collaboration avec le Laboratoire de Phytopathologie de la Faculté des Sciences Agronomiques de Gembloux, Université de Liège, Belgique).

29 - Fares Wala & Bachagha Khaled (2010/11) / ESAK : Lutte biologique contre l'anthracnose de la tomate en utilisant des champignons et des bactéries antagonistes (en collaboration avec le Laboratoire de Phytopathologie du CRRHAB Chott-Mariem).

28 - Abdaoui Kaouther & Hamdi Mareim Batoul (2009/10) / ESAK : Lutte biologique contre la verticilliose de la tomate sous stress salin (en collaboration avec le Laboratoire de Phytopathologie du CRRHAB Chott-Mariem).

27 - Ben-Ammar Zohra & Ben-Souda Hanene (2008/09) / ESAK : Test du pouvoir antagoniste de certaines rhizobactéries vis-à-vis de *Verticillium dahliae* en présence d'un stress salin (en collaboration avec le Laboratoire de Phytopathologie du CRRHAB Chott-Mariem).

26 - Mougou Imen & Abdelhamid Majdi (2007/08) / ESAK : Effet de la salinité sur la sévérité de la flétrissure verticillienne de la tomate due à *Verticillium dahliae* : rôle de la composante variétale (en collaboration avec le Laboratoire de Phytopathologie du CRRHAB Chott-Mariem).

25 - Charradi Abir & Lagha Abir (2007/08) / ESAK : Effet de la densité de semis et la fertilisation azotée sur le développement de la septoriose et la production du blé dur dans le nord-ouest tunisien.

24 - Ben-Aoun Hédia & Souissi Ahmed (2006/07) / ESAK : Action de la salinité sur la sévérité des flétrissures vasculaires de la tomate causés par *Verticillium dahliae* et *Fusarium oxysporum* f. sp. *lycopersici* (en collaboration avec le Laboratoire de Phytopathologie du CRRHAB Chott-Mariem).

23 - Gannar Amira & Ayari Hanène (2006/07) / ESAK : Identification des principales maladies des cultures maraîchères au Cap Bon et essais de lutte contre le mildiou de la pomme de terre et la pourriture grise du fraisier.

22 - Echeikh Wissem & Kerkeni Manel (2005/06) / ESAK : Principales Maladies fongiques des cultures protégées dans les gouvernorats de Monastir et de Sousse : Problématiques et recommandations (en collaboration avec le Laboratoire de Phytopathologie de l'ISA Chott-Mariem).

21 - Khefacha Soumaya (2004/05) / ESAK : Etude de l'oïdium du piment dans le gouvernorat de Monastir.

20 - Tissaoui Salma (2004/05) / ESAK : Pourriture grise de la tomate sous serre : Etude d'une méthode de lutte biologique (en collaboration avec le Laboratoire de Recherche de la Protection des Végétaux INRAT).

19 - Dakhli Leila (2004/05) / ESAK : Etude d'une méthode de lutte chimique appliquée contre la septoriose du blé dur.

18 - Hadj-Naser Fathia (2003/04) / ESAK : Principaux ravageurs et Maladies des cultures sous serre dans le gouvernorat de Sousse : Reconnaissance et Recommandations.

17 - Sayes Sabri (2003/04) / ESAK : Les principales maladies et ravageurs des cultures sous serre dans le gouvernorat de Mannouba : Reconnaissance et Recommandations.

16 - Toumi Nesrine (2002/03) / ESAK : Les principales maladies des cultures sous serres dans le gouvernorat de Mahdia : Reconnaissance et recommandations.

15 - Ben-Hadj Ali Ahlem (2002/03) / ESAK : Détection et identification de champignons transmis par les semences des grandes cultures.

14 - Larbi Mohamed (2000/01) / ESAK : Evaluation de l'état phytosanitaire des cultures sous serres chauffées par géothermie dans le gouvernorat de Tozeur (Campagne 00/01).

13 - Brahmi Tarek (2000/01) / ESAK : La septoriose du blé : Caractéristiques du champignon responsable et proposition de moyens de lutte (Campagne 00/01).

12 - Stiti Mounir (1998/99) / ESAK : Etudes des principaux ravageurs et maladies de la betterave à sucre en Tunisie (Campagne 98/99).

11 - Ouerghi Fethi (1997/98) / ESAK : Maladies et ennemis de la betterave sucrière en Tunisie (Campagne 97/98).

10 - Ben-Salem Anouar (1996/97) / ESAK : Identification et évaluation des maladies fongiques de la betterave à sucre et possibilité de lutte chimique (Campagne 96/97).

**** Engineer Cycle (Baccalaureate + 4 years)***

9 - Chamroukhi Mohamed Naceur (1995/96) / ESAK : La carie du blé en Tunisie: Lutte culturale.

8 - Ghazali Rafika (1995/96) / ESAK: La carie du blé en Tunisie: comportement variétal.

7 - Dhahbi Kamel (1994/95) / ESAK: La carie du blé en Tunisie: Quelques aspects biologiques et comportement variétal.

6 - Bedhief Chokri (1993/94) / ESAK: La carie du blé en Tunisie: Quelques aspects biologiques et pathologiques et essai de lutte chimique.

5 - Mansour Ahmed (1993/94) / ESAK: Effets d'un antitranspirant et d'un fongicide sur la croissance *in vitro* de *Rhynchosporium secalis* et sur une culture d'orge infectée par la rhynchosporiose.

4 - Mosbahi Mohamed (1992/93) / ESAK: Essais de lutte chimique contre *Septoria tritici* (Rob. & Desm.), agent causal de la septoriose des blés.

3 - Srarfi Faten (1986/87) / ESAK: Quelques aspects biologiques *in vitro* d'*Ascochyta rabiei* et essais de lutte contre certaines maladies des légumineuses à graines.

2 - Ben-Grira Lotfi (1986/87) / ESAK: Effet de quelques fongicides sur la biologie *in vitro* d'*Ascochyta rabiei* et contre certaines maladies de la fève.

1 - Abidi Abdelhak (1985/86) / ESAK: Quelques aspects de l'anthracnose du pois chiche.

LIST OF ADVISED MEMOIRS OF END STUDIES (MFE)

[*FR*]

**** Senior Technician then Applied License LMD Cycle (Baccalaureate + 3 years)***

35 - Médini Imen & Zribi Samia (2008/09) / ESAK : Effet de la dose de semis, du traitement séminothérapique et du traitement à l'antitranspirant sur les maladies et la production de l'orge.

34 - Yagoubi Aymen & Bidhiafi Hamida (2008/09) / ESAK : Lutte chimique contre l'anthracnose du pois chiche en utilisant des fongicides à base de chlorothalonil et d'azoxystrobine.

33 - Jridi Nadia & Ben-Atig Aymen (2007/08) / ESAK : Influence de la séminothérapie, de la densité du semis et du traitement antitranspirant sur les maladies fongiques et la production de l'orge.

32 - Bouazizi Fouad & Mhamdi Walid (2007/08) / ESAK : Influence du traitement antitransiprant sur la production du pois chiche et du blé et effet de la séminothérapie sur l'anthracnose du pois chiche.

31 - Klai Meriam & Assidi Rabaa (2006/07) / ESAK : Essais de lutte chimique à base de chlorothalonil et d'azoxystrobine contre l'anthracnose du pois chiche.

30 - Souara Héla & Mediouni Afef (2006/07) / ESAK : Influence des doses de semis, de la séminothérapie et des antitranspirants sur les maladies fongiques et la production de l'orge.

29 - Fathalli Aymen & Bougatef Sonia (2005/06) / ESAK : Influence des mélanges variétaux entre Manel et Rihane sur la rhynchosporiose et la production de l'orge au champ et étude de la septoriose du blé au laboratoire.

28 - Kroumi Mariem & Houimli Sihem (2005/06) / ESAK : Influence de la densité de semis sur le développement, la production et la rhynchosporiose de l'orge et essai de lutte contre l'oïdium par un antitranspirant.

27 - Dakhlaoui Sihem & Rezgui Ahlem (2005/06) / ESAK : Lutte chimique contre l'anthracnose du pois chiche en utilisant deux fongicides à base de chlorothalonil : Clortosip et Banko.

26 - Chebbi Tarek & Jouini Lassaad (2004/05) / ESAK : Protection phytosanitaire de l'orge par séminothérapie et lutte chimique combinée contre les maladies fongiques et les mauvaises herbes.

25 - Adami Ramzi & Samaali Raoudha (2004/05) / ESAK : Effet des doses de semis sur le développement des maladies fongiques et sur les paramètres agronomiques de production de l'orge (Campagne 2004/2005).

24 - Ghodbene Lotfi & Hamdani Assia (2004/05) / ESAK : Essai de lutte chimique contre l'anthracnose du pois chiche par traitement foliaire et traitement des semences.

23 - Moumni Ahlem & Tbini Ahlem (2004/05) / ESAK : Essai de lutte chimique contre l'anthracnose du pois chiche au champ par traitement foliaire et au laboratoire par séminothérapie.

22 - Nouiri Nedra & Keraani Samira (2003/04) / ESAK : Essais de lutte chimique par séminothérapie et pesticides combinés contre les mauvaises herbes et les maladies fongiques de l'orge (Campagne 2003/2004).

21 - Sliti Soufien & Aloui Besma (2003/04) / ESAK : Anthracnose du pois chiche : Essai de lutte chimique par traitements foliaires au champ et traitement des semences au laboratoire.

20 - Bargougui Mahmoud & Merdassi Sabiha (2003/04) / ESAK : Influence des doses de semis de l'orge sur le développement des maladies fongiques et sur les paramètres agronomiques de production (Campagne 2003/2004).

19 - Idoudi Samir & Mansouri Hédi (2002/03) / ESAK : Essais de lutte chimique par séminothérapie et pesticides combinés contre les maladies fongiques de l'orge.

18 - Heni Walid & Ouled-Dhaou Saad (2002/03) / ESAK : Essais de lutte chimiques contre l'anthracnose du pois chiche au champ et la septoriose du blé au laboratoire.

17 - El-Khouni Hamdi & Mraydia Beya (2002/03) / ESAK : Effet de la dose de semis sur le développement des maladies fongiques et sur les paramètres agronomiques de production de l'orge.

16 - Hosni Madiha (2000/01) / ESAK : Comportement variétal chez la fève et le pois et aspects phytopathologiques chez le pois chiche.

15 - Tleili Saïda (2000/01) / ESAK : Protection de l'orge par séminothérapie et lutte chimique combinée contre l'oïdium, la rhynchosporiose, la rayure réticulée et les mauvaises herbes.

14 - Amri Nabiha (2000/01) / ESAK : Essais de lutte par séminothérapie contre l'oïdium du blé tendre et la septoriose du blé dur.

13 - Robai Mohamed Ben Messaoud (1999/00) / ESAK : Etudes sur la protection de l'orge : Reconnaissance des maladies fongiques et lutte chimique contre la rayure réticulée et les mauvaises herbes.

12 - Ben-Salem Olfa (1999/00) / ESAK : Etudes sur les maladies fongiques des grandes cultures : Reconnaissance, lutte chimique et sélection de germoplasmes.

11 - Boussetta Jaafar (1998/99) / ESAK : Séminothérapie et lutte chimique intégrée contre les maladies fongiques et les mauvaises herbes de l'orge.

10 - Elkadhi Fatma (1998/99) / ESAK : Lutte chimique contre l'anthracnose des légumineuses et évaluation phytopathologique de quelques lignées de céréales.

9 - Sallami Fadhel (1997/98) / ESAK : Lutte contre les maladies de l'orge par séminothérapie.

8 - Hizaoui Néïla (1997/98) / ESAK : Traitement foliaire et lutte intégrée contre les maladies et les mauvaises herbes de l'orge.

7 - Riabi Mourad (1996/97) / ESAK : Première Partie: Séminothérapie et lutte intégrée contre l'oïdium et l'helminthosporiose de l'orge. Deuxième Partie: Etude du pouvoir germinatif de *Tilletia laevis.*

6 - Sammari Slaheddine (1995/96) / ESAK : Première Partie: Lutte chimique contre la carie du blé. Deuxième Partie: Stage de formation au C.P.R.A. Essaïda.

5 - Hamadi Raouf (1995/96) / ESAK : Première Partie: Etude de la rhynchosporiose et de I'oïdium de l'orge. Deuxième Partie: Stage au C.P.R.A. Essaïda.

4 - Jarray Fraj (1994/95) / ESAK : Première Partie: Etude de la rhynchosporiose et de l'oïdium de l'orge. Deuxième Partie: Stage à la station de recherche et d'appui à la vulgarisation de Chébika.

**** Senior Technician Cycle (Baccalaureate + 2 years)***

3 - Achouri Salah (1992/93): Identification des principales maladies fongiques dans les régions de Testour et Béja.

2 - Khelifi Béchir (1985/86) / ESAK : Traitements chimiques contre les maladies des légumineuses à graines.

1 - Oueslati Ahmed (1984/85) / ESAK : Les principales maladies du pois et du pois chiche dans la région du centre-ouest tunisien: Kef - Siliana - Kasserine.
