

**The Academic Secretarial Unit**

**Staff Promotion Unit**

**Dr. Mohamed Osman Idris**

**1-PERSONAL HISTORY**

Name	Mohamed Osman Idris
Date of Birth	01.01.1952
Place of Birth	ELMagul- Merawi District- Northern State
Gender	Male
Marital Status	Married, with 3 kids (1 son and 2 daughters).
Nationality	Sudanese
Academic Status	Associate Professor
Department	Crop Protection
Faculty	Agriculture
E-Mail	<a href="mailto:Shid_agric@yahoo.com">Shid_agric@yahoo.com</a>
Phone Number	+249912324127

## 2. QUALIFICATIONS

Degree	Awarding Body	Country	Date
Ph.D.	University of Reading	England	December 1984
M.Sc.	University of Khartoum	Sudan	December 1980
B.Sc.(Honours) Agric.	University of Khartoum	Sudan	August 1975
Sudan General Certificate	Hantoub Secondary School	Sudan	1966-1970
Intermediate School	Hassa Heissa Intermediate School	Sudan	1962-1966
Elementary School	Hassa Heissa Elementary School	Sudan	1958-1962

## 3. ACADEMIC APPOINTMENTS

Date	Position
Oct.1975-June1976	Assistant Field Inspector –Gezira Scheme
July1976-Nov.1976	Research Assistant- Agric.Research Corporation.Gezira Station
Dec.1976-July 1980	Teaching and Research Assistant, Dept. of Crop Protection-Faculty of Agriculture, University of Khartoum, Sudan

1980- 1984	Ph.D. Candidate. A scholarship From ODA* - England.
1984-2001	Assistant Professor, Dept. of Crop protection, Faculty of Agriculture, University of Khartoum, Sudan
2001 - till now	Associate Professor, Dept. of Crop Protection, Faculty of Agriculture, University of Khartoum, Sudan
Jan 2010-till now	Head, Permanent Committee for Seed and Plant Propagation Material-Plant Protection Directorate –Fed. Ministry of Agriculture and Irrigation. Sudan
Jan 2015-till now	Head, Import Permit Committee, Plant Protection Directorate Fed. Ministry of Agriculture and Irrigation. Sudan

ODA: Overseas Development Administration.

#### 4- PROFESSIONAL APPOINTMENT EXPERIENCE

Date	Position
2001 -2015	Associate Professor, Dept. of Crop Protection, Faculty of Agriculture, University of Khartoum
1984-2001	Assistant Professor, Dept. of Crop Protection, Faculty of Agriculture, University of Khartoum
1986-1991	Academic and Administration Coordinator of Rural Development and Nutrition Diploma (2Years) (Ex. Extra Mural Studies Institute) University of Khartoum.

1999-2000	Head, Dept. of Crop Protection, Faculty of Agriculture, University of Khartoum.
2005-2010	Coordinator of Post-Graduate Studies, Dept. of Crop Protection, Faculty of Agriculture, University of Khartoum.
1993-2005	Head, of Mycotoxins Committee, Sudanese Standards and Metrology Organization, Sudan
2010-till Now	Head Permanent Committee for Seeds and Plant Propagation Material-Plant Protection Directorate Federal Ministry of Agriculture and Irrigation. Sudan
Jan 2015-till now	Head, Import Permit Committee, Plant Protection Directorate Fed. Ministry of Agriculture and Irrigation. Sudan
1976-1980	Teaching and Research Assistant, Dept. of Crop Protection-Faculty of Agriculture, University of Khartoum.
Oct.1975-June 1976	Assistant Field Inspector –Gezira Scheme
July1976-Nov.1976	Research Assistant- Agric.Research Corporation.Gezira Station

## 5- SPECIALIZED TRAINING

Training	Date	Country
Stutgurt University, Part of M.Sc. training	May 1980	Germany
Cambridge University School of Botany, training for Ph.D.dgree study	May-June 1982	England

Syngenta, training in Fungicide Formulation	April 2009	Switzerland
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## **6- FIELD OF WORK**

- Infectious Diseases ( Fungi and Nematodes)
- Testing Efficacy of Fungicides
- Plant Disease Epidemics and Forecasting
- Legislation of Quarantine Laws, By laws and Regulations

## **7- SPECIAL INTEREST**

- Management of Plant Diseases
- Mycotoxins in Agric. Products
- Early Blight Disease in Solanaceous Crops
- Wilt Root/ Rot Disease Complex in Legumes
- Downy Mildew Diseases
- Tomato Yellow Leaf Curl Virus Disease

## **8-WORKSHOPS & SEMINARS ATTENDED**

1. Proceedings of a Symposium on Potato Development in Sudan. Khartoum- Grand Hotel 15-17 Feb.1989.
2. French-Sudanese Symposium on Phytopathology Agric. Research Corporation-Wad Medani 21-24 Nov.1992.

3. Mycotoxin Contamination in Stored Sorghum Grains, Health Hazards Implication and Possible Solution .Friendship Hall-Khartoum April 2005.
4. Third Conference of Pest Management in Sudan Agricultural Research Corporation 3-4 Feb.2014.
5. The Fifth Annual Conference of Post Graduate Studies and Scientific Research. Friendship Shambat Campus 24- 27 Feb.2014

## **9- ACADEMIC, ADMINISTRATIVE AND PROFESSIONAL RESPONSIBILITIES AND ACTIVITIES**

<b>Position</b>	<b>Date</b>
Member of Staff, Dept. of Crop Protection, Faculty of Agriculture, University of Khartoum	1984- 2015
Head, Dept. of Crop Protection, Faculty of Agriculture, University of Khartoum	1999-2000
Member of the Faculty Board, Faculty of Agriculture, University of Khartoum	1999-2000
Representative of Staff of Dept. of Crop Protection in the Faculty Board, Faculty of Agriculture, University of Khartoum	2002-2004
Member of Senate, University of Khartoum.	1999-2000
Academic and Administrative Coordinator of Rural Development and Nutrition Diploma (2Years) (Ex. Extra Mural Studies Institute ) University of Khartoum	1986-1991

Coordinator of Post-Graduate Studies, Dept. of Crop Protection, Faculty of Agriculture, University of Khartoum	2005-2010
Head of Mycotoxins Committee, Sudanese Standards and Metrology Organization, Sudan	1993-2005
Head, Permanent Committee for Seeds and Plant Propagation Material-Plant Protection Directorate Federal Ministry of Agriculture and Irrigation. Sudan	2010-till now
Head, Import Permit Committee, Plant Protection Directorate Fed. Ministry of Agriculture and Irrigation. Sudan	Jan-2015
Member of Academic Reform Committee, Faculty of Agriculture, University of Khartoum	2008
Member of Academic Reform Committee, Faculty of Agriculture, University of Khartoum	2015
Member of Academic Reform Committee, Faculty of Science, University of ELNeilen	2015
Member of Academic Reform Committee, Faculty of Agriculture & Natural Resources, University of Kurdofan	2014

## 10- MEMBERSHIP IN RECOGNIZED SOCIETIES

Status	Society	Country	Date
Member	British Society of Plant Pathology	England	1981-1986

Member	Sudanese Society of Crop Protection	Sudan	1980-2001
Member	Sudanese Agrochemicals Association	Sudan	1995-2015
Member	Sudanese Society for Agricultural Engineer	Sudan	2004-2015
Member	Sudan Agricultural Council	Sudan	2004-2015
Member	University of Khartoum Journal of Agricultural Sciences	Sudan	1994-2015
Member	Sudanese Seeds Association	Sudan	1992-2015

## 11-TEACHING AND EXAMINATION EXPERIENCE

### A. Under Graduate Course's. University of Khartoum

Course Title	Credit Hours	Year	Faculty
Crop Protection 41	3(2+1)	1984-1992	Dept. of Crop Protection, Faculty of Agriculture
Crop Protection 42	3(2+1)	1984-1992	Dept. of Crop Protection, Faculty of Agriculture
Plant Pathology52	3(2+1)	1984-1992	Dept. of Crop Protection, Faculty of Agriculture



Crop Pests& Diseases 51	<b>3(2+1)</b>	1984-1992	Dept. of Crop Protection, Faculty of Agriculture
General Plan Pathology	<b>3(2+1)</b>	1993-2005	Dept. of Crop Protection, Faculty of Agriculture
Seed Pathology	2(1+1)	1993-2005	Dept. of Crop Protection, Faculty of Agriculture
Diseases of Horticultural Crops	<b>3(2+1)</b>	1993-2005	Dept. of Crop Protection, Faculty of Agriculture
Diseases of Field Crops	<b>3(2+1)</b>	1993-2005	Dept. of Crop Protection, Faculty of Agriculture
Principles of Plant Diseases	2(1+1)	1993-2005	Dept. of Crop Protection, Faculty of Agriculture
Physiology& Biochemistry of Plant Diseases	<b>3(2+1)</b>	1993-2005	Dept. of Crop Protection, Faculty of Agriculture
General Plan Pathology	<b>3(2+1)</b>	2006-2014	Dept. of Crop Protection, Faculty of Agriculture
Plant Nematodes	2(1+1)	2006-2014	Dept. of Crop Protection, Faculty of Agriculture
Fungal Diseases of Plants	<b>3(2+1)</b>	2006-2014	Dept. of Crop Protection, Faculty of Agriculture

Post-Harvest Diseases& Mycotoxins	3(2+1)	2006-2014	Dept. of Crop Protection, Faculty of Agriculture
Seeds & Soil-Borne Diseases	3(2+1)	2006-2014	Dept. of Crop Protection, Faculty of Agriculture

## B. Postgraduate Courses

Course Title	Credit Hours	Year	Faculty
Epidemiology & Plant Disease Management	3	2000-2014	Dept. of Crop Protection, Faculty of Agriculture

## 12. SUPERVISION OF RESEARCH

### A. Undergraduates Projects & Seminars

From 1998 to 2014 I supervised the Research Projects and Seminars of 23 Students.

The research projects conducted were:

- 1- Chemical Control of Early Blight Disease in Solanaceous Crops.
- 2- Survey for Aflatoxin Contaminated Agricultural Products.
- 3- Wilt-Root/Rot Diseases in Legumes.

- 4- Downy Mildew Disease in Sunflower and Pearl Millet.
- 5- Powdery Mildew Disease in Cucurbits.

## B. Master Degree Students-Supervisor

S.No	Student	Thesis Title	Faculty	University	Date
1	Ibrahim Mahmoud Hamid	Study on the Effect of <i>Ocimum basilicum</i> Essential Oil on <i>Aspergillus flavus</i> .	Agriculture	Khartoum	1990
2	A/Raof EL Awad EL Tayeb	A Study on Early Blight Disease ( <i>Alternaria solani</i> ) on Potato and Tomato Crops in Khartoum North District.	Agriculture	Khartoum	1992
3	Tawfig Hassan Fath EL Rahman	A Study on Storage Fungi Associated with Stored Sorghum Grains in Gedaref Area.	Agriculture	Khartoum	1992
4	Girgis William A/ELNour	A Study on the Aflatoxin in Oil Seeds By products.	Agriculture	Khartoum	1994
5	Rashida Mohamed Ahmed Abu Sin	A Study on the Chemical and Cultural Control Measures of Early Blight Disease on Potato.	Agriculture	Khartoum	1994
6	Tawfig Badawi EL Tahir Ahmed	A Study on Relative Resistance of Five Sorghum Cultivars Grains to Mould Species.	Agriculture	Khartoum	1995
7	Fatma Sir EL Khatim Ahmed	Studies on Fusarium Wilt Disease of Melon.	Agriculture	Khartoum	1997
8	Zeinab Osman Diab Ismail	Effect of Neem Seed Extract on Powdery Mildew of Cucurbits.	Agriculture	Khartoum	1998

9	Soad Ali EL Tayeb Algum	Susceptibility of Some Potato Varieties to Bacterial Soft Rot and Blackleg Caused by <i>Erwinia carotovora</i> sub sp. <i>Carotovora</i> (Jones) and Their Control.	Agriculture	Khartoum	2000
10	Mohamed Ahmed A/Motti	Effect of Fertilizers on Wilt of Melon.	Agriculture	Khartoum	2001
11	Hanaa Hamid A/Wahab Awad EL Kareem	A Study on Biological Control of Fusarial Wilt ( <i>Fusarium oxysporum</i> ) of Muskmelon by the Use of Different Isolates of <i>Trichoderma</i> spp.	Agriculture	Khartoum	2002
12	Zeinab Hassan Mohy EL Deen EL Faki	A Study on the Chemical Control of Early Blight Disease ( <i>Alternaria solani</i> ) (EII and Mart.) Jones and Grout on Potato Crop ( <i>Solanum tuberosum</i> L.).	Agriculture	Khartoum	2003
13	Siham Ibrahim Abu Agala	Seed-borne Fungi of Important Food Crops in the Gezira Scheme, Sudan.	Agriculture	Khartoum	2003
14	Wamda Mohamed EL Mustafa Mohamed Ali	A Study on the Chemical Control of Early Blight Disease ( <i>Alternaria solani</i> EII. And Mart.) Jones and Grout on Tomato Crop ( <i>Lycopersicon esculentum</i> Mill.).	Agriculture	Khartoum	2003
15	Hanan Ibrahim Mudawi	A Study on the Effect of Anthracnose Disease ( <i>Colletotrichum lindemuthianum</i> ) on Common Bean ( <i>Phaseolus vulgaris</i> L.)	Agriculture	Khartoum	2004
16	Safa Hassan Basheir A/Majid	A Study on the Chemical Control of Early Blight Diseases ( <i>Alternaria solani</i> ) (EII. And Mart) Jones and Grout on Tomato Crop ( <i>Lycopersicon esculentum</i> Mill.).	Agriculture	Khartoum	2004

17	Naglaa ELTahir EL Amir EL Khabeer	A Study on Varietal Resistance and Fungicide Ivory M 72WP on Early Blight Disease ( <i>Alternaria solani</i> ) of Tomato.	Agriculture	Khartoum	2004
18	Azza Siddig Hussein Abu	A Study on Wilt/root-rot Complex in Chickpea ( <i>Cicer arietinum</i> L.) in Shambat Area.	Agriculture	Khartoum	2005
19	Nazik Fiasal A/Rahman Hamad	The Efficacy of Melody Due and Antracol 70 in Controlling Early Blight Disease ( <i>Alternaria solani</i> ) in Tomato and Potato.	Agriculture	Khartoum	2005
20	Intisar Abbas EL Sadig Ahmed	A Study on ( <i>Fusarium oxysporum</i> ) Wilt in Broad Bean ( <i>Vicia faba</i> L.) in Wad Ramly Area - Sudan.	Agriculture	Khartoum	2005
21	Mayi A/Allah Mohamed Khalif	Pathogenicity of <i>Fusarium oxysporum</i> f.sp. Ciceris and <i>Fusarium solani</i> in Combination with <i>Pratylenchus</i> spp. In Chickpea.	Agriculture	Khartoum	2005
22	Hafiz Ibrahim A/Rahim Ibrahim	The Efficacy of the Fungicide Ridomil (Metalaxyl) on the Control of Early Blight Disease ( <i>Alternaria solani</i> ) in Tomato Crop ( <i>Lycopersicon esculentum</i> Mill.)	Agriculture	Khartoum	2006
23	Iman Sarag ELDeen Mirghani Ahmed	The Efficacy of the Fungicide Ivory M 72 WP in Controlling Early Blight Disease ( <i>Alternaria solani</i> ) in Tomato ( <i>Lycopersicon esculentum</i> Mill).	Agriculture	Khartoum	2007

24	Amna Bint Wahb ELMalek Mohamed	The Identity of the Causal Agent of Early Blight Disease in Tomato Crop ( <i>Solanum lycopersicum</i> L.) in Khartoum Area.	Agriculture	Khartoum	2008
25	Salma EL Fatih Mohamed Saeed	The Efficacy of Fungicide IVORY M72 W.P. in Controlling Early Blight Disease ( <i>Alternaria solani</i> ) in Potato Crop ( <i>Solanum tuberosum</i> L.).	Agriculture	Khartoum	2008
26	Alia Mohamed Ibrahim Shumo	Antifungal Activities of Raw and Commercial Sudanese Propolis on the Growth of <i>Alternaria</i> , <i>Aspergillus</i> and <i>Penicillium</i> spp.	Agriculture	Khartoum	2008
27	Rehab A/Sawi Saeed Bilal	Effect of Time of Application of Fungicide Ridomil Gold MZ68WG in the Control of Early Blight Disease ( <i>Alternaria solani</i> ) in Potato ( <i>Solanum tuberosum</i> L.) in Khartoum State.	Agriculture	Khartoum	2010
28	Wafaa Mohamed EL Mobark Mohamed	Studies on Prosopis Juliflora as Antibacterial Agent Against <i>Xanthomonas axonopodis</i> pv. <i>Malvacearum</i> .	Agriculture	Khartoum	2010
29	El Shatti Ali Mohamed EL Nageeb	The Causal Agent of Early Blight Disease on Potato ( <i>Solanum tuberosum</i> L.) in North Khartoum Locality.	Agriculture	Khartoum	2011
30	Salwa Balla Mohamed Ahmed	Risk Analysis of Brown Rot Disease in Potato Seeds Caused by <i>Ralstonia solanacearum</i> Race 3 in Sudan.	Agriculture	Khartoum	2011

31	Itimad Hamad EL Neel EL Jack Mohamed	Efficacy of Tilt and Thiovit in Controlling Powdery Mildew in Squash ( <i>Cucurbita pepo</i> L.) in Shambat Area.	Agriculture	Khartoum	2011
32	Etra El Tayeb EL Tahir Ismail	Efficacy of Benomyl and Furdan in the Control of Wilt Disease Complex ( <i>Fusarium oxysporum</i> ) in Chickpea ( <i>Cicer arietinum</i> L.)	Agriculture	Khartoum	2011
33	Nabwia A/Karim Bheit Haraz	Efficacy of Amistar Top and Duet 72 W.P. in the Control of Early Blight Disease ( <i>Alternaria alternata</i> ) in Tomato.	Agriculture	Khartoum	2012
34	Ahmed Khalifa Ahmed Abdelal	Efficacy of Fungicides Fulldazim 50% WP and Amistar Top for Controlling Early Blight ( <i>Alternaria alternata</i> (Fr.) Keissl.) in Tomato Plants ( <i>Solanum lycopersicum</i> L.) In Merawie Area.	Agriculture	Khartoum	2014
35	Manal Basheir Munsour Salih	Efficacy of Four Fungicides for the Control of the Early Blight Disease ( <i>Alternaria alternata</i> (Fr.) Keissl.) in	Agriculture	Khartoum	2014

### C. Master Degree Students-Co- Supervisor

S.No	Student	Thesis Title	Faculty	University	Date
1	Nawal Ahmed Osman	Survey for Some Cereal Grains and Legumes for the Presence of Alfatoxin in the Sudan.	Agriculture	Khartoum	1986

2	Sami Mohamed Adam Mohamed	Molecular and Pathogenical Characterization of <i>Xanthomonas campestris pv malvacearum</i> Isolated from Cotton in the Gezira Scheme – Sudan	Agriculture	Khartoum	2007
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#### D. Ph.D. Degree Students

S.No	Student	Thesis Title	Faculty	University	Date
1	Omer, El Hadi Ragaa	Peanut Butter Consumption and Hepatocellular Carcinoma in Sudan	Agriculture	Wageningen (Netherlands)	2001
2	Hanan Ibrahim Mudewi Babiker	Occurrence, Distribution and Possible Biological Management of Wilt/ Root – Rot Disease Complex in Chickpea ( <i>Cicer arietinum</i> L.)		Sudan Academy of Science (SAS)	2011
3	Azza Siddig Hussein Abu	Etiology, Epidemiology and Management of Early Blight Disease [ <i>Alternaria alternata</i> (Fr.) Keiss1] on Tomato Crop ( <i>Solanum lycopersicum</i> L.) in Sudan	Agriculture	Khartoum	2011
4	Younis Adam Ahmed Amir	Management Approaches for Control of Branch Wilt Disease <i>Neofusicoccum mangiferae</i> . Causative Agent in Some Fruit and Ornamental Trees.	Agriculture	Khartoum	2013



5	Nayla ELtayeb Haroun Goumaa	Potential of Pathogens Associated with Control of <i>Xanthium</i> <i>strumarium</i> L. in Khartoum State.	Agriculture	Khartoum	2013*
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\*: Co Supervisor

### 13-EXAMINER

I Worked as internal examiner for more than 65 MSc. Students and 6 Ph.D. Students in the University of Khartoum.

I Worked as external examiner for about 18 MSc. Students and 4 Ph.D. Students in Sudan University and Omdurman Islamic University.

### 14. COMMUNITY DEVELOPMENT

1. Being Head of Mycotoxins Committee (Sudanese Standards & Metrology Organization) From 1993 to 2005 we established the Sudanese Center for Mycotoxins in 2005
2. Being Head of Import Permit Committee (Plant Protection Directorate) we as a Team established PCR unit (Polymerase Chains Reaction) in 2014.
3. Participated as Crop Protection Consultant in the Establishment of Horticultural Products Institute- University of Kassala-2014.
4. Member of Date Palm Committee Surveying Date Palm Diseases in Northern State 2010.
5. I Worked with Syngenta Agrochemicals as Expert Plant Pathologist (Lectures &Consultancies) in EL Suki 2010, Kassala State 2009 and Agricultural Development Authority –Marawi Dam 2006-2009-2010.

## 15. PUBLICATIONS

### A. Articles in Reviewed Journals

1	<b>Idris, M.O and Ahmed, H.A. (1981).</b> <i>Effect of Peanut mottle virus on yield of Groundnut in Sudan. Phytopath.medit.20:174-175</i>
2	<b>AHMED, A.H. and IDRIS, M .O. (1981).</b> <i>Peanut Mottle Virus in the Sudan. Plant Disease 65:692-693.</i>
3	<b>IDRIS, M.O. and Ball, S.L. (1984).</b> <i>Inter-and intracontinental sexual compatibility in Sclerospora graminicola .Plant Pathology, 33:219-223</i>
4	<b>Abdel-Rahim, A.M; Osman, N.A and Idris, M.O. (1989).</b> <i>Survey of some cereal grains and legume seeds for aflatoxin contamination in the Sudan. Zentralbl.Mikrobiol.89:75-9</i>
5	<b>Ragaa , E. Omer, Mirjam I. Bakker, Pieter vant Veer, Ron L. A.P. Hoogenboom, Theo,H.G.Polman, Gerrit M. Alink, Mohamed O. Idris, Abdelgadir M.Y.Kadaru, and Frans J.Kok (1998)</b> <i>Aflatoxin and Liver Cancer in Sudan. NUTRITION AND CANCER, 32(3): 174-180</i>
6	<b>Ragaa, E. Omer, Linda Verhoel, Pieter vant Veer, Mohamed O. Idris, Abdelgadir M.Y.Kadaru, Ellen Kampman, Annelies Bunschoten &amp; Frans J.Kok (2001)</b> <i>Peanut butter intake, GSTMI genotype and heptaocellular carcinoma: a case-control study in Sudan Cancer Causes and Control 12:23-32</i>
7	<b>Edine.W, Timersma, Ragaa, E .Omer, Annelies Bunschoten, Pieter vant Veer, Frans J.Kok , Mohamed O. Idris, Abdelgadir M.Y.Kadaru, Suliman S. Fedail, and Ellen Kampman (2001)</b> <i>Role of Genetic Polymorphism of Glutathione-S-Transferase TI and Microsomal Epoxide Hydrolase in Aflatoxin – associated Heptaocellular Carcinoma Cancer Epidemiology, Biomarkers &amp;Prevention.10, 785-791</i>

8	Ragaa .E. Omer, Anneleen Kuijsten, Abdelgadir M.Y.Kadaru, Frans J.Kok , <b>Mohamed O. Idris</b> , Ibrahim M. El Khidir, & Pieter vant Veer (2004). <b>Population–Attributable Risk of Dietary Aflatoxins and Hepatitis B Virus Infection with Respect to Hepatocellular Carcinoma</b> . <i>NUTRITION AND CANCER</i> , 48(1): 15-21
9	Mudawi, Hanan Ibrihim, <b>Mohamed O.Idris</b> , and Mustafa M.A. EL Ball (2008). <b>Anthracnose Disease in Common Bean (<i>Phaseolus vulgaris</i> L.) in Shambat,Sudan. I. Identity of the Causal Agent</b> U. of K.J. Agric. Sci.16(3):477-489
10	Adam, S.M., N.E. Ahmed, <b>M.O.IDRIS</b> AND A.M.Ali (2008). <b>Mollecular Characterization of Isolates of <i>Xanthomonas campestris</i> pv <i>Malvacearum</i> from Cotton in Sudan</b> . <i>Life Sciences International Jounral</i> 2(1):487-495
11	Ahmed, Nafisa E, Sami M.Adam, <b>Mohamed O. Idris</b> , Khalid D.Abu Idris and Yousif S.Adam (2008). <b>Oxolinic Acid resistance in field isolate of <i>Xanthomonas campestris</i> pv <i>Malvacearum</i></b> . <i>Life Sciences International Jounral</i> 2(3):700-706
12	Ahmed, Nafisa E, Siham Abu Agla, <b>Mohamed O.Idris</b> and S.A.ELhussein (2008). <b>Fungi Associated with Stored Sorghum Grains and Their Effects on Grain Quqlity</b> . <i>Life Sciences International Jounral</i> 2(3):723-729
13	Abbo, Azza Siddig Hussien, <b>Mohamed O. Idris</b> , Awad, Hassan Mohamed and Mustafa M.A. El Balla (2008). <b>Identification of the Chickpea Wilt/Root-Rot Pathogens and their Interaction with the Lesion Nematode <i>Pratylenchus</i> sp.</b> U. of K. J. Agric. Sci. 16(3): 461-476
14	Mudawi, Hanan Ibrihim, <b>M.O.Idris</b> , and Mustafa M.A. EL Balla (2009) <b>Anthracnose Disease in Common Bean (<i>Phaseolus vulgaris</i> L.) in Shambat,Sudan. 11 .Disease Incidence, Severity and Effect on Yield</b> U. of K.J. Agric. Sci.17 (1): 118-130
15	Abbo, Azza Siddig, <b>Mohamed O. Idris</b> , Mustafa A. El Balla (2013). <b>Effects of Variety, Nitrogen Form and Application Timing of Fungicide on Early Blight Disease on Tomato</b> . <i>Global Journal of Biology, Agriculture</i>

	<i>&amp; Health Sciences</i> , 2(3):241-248
16	Abbo, Azza Siddig, <b>Mohamed O. Idris</b> , Ahmed Mohamed Hammad(2014). <b><i>The Antifungal Effects of Four Tomato Rhizosphere Bacillus spp. against Alternaria alternata</i></b> . <i>International Journal of Science and Research</i> 3 (7): 1324-1328
17	Mudawi, Hanan Ibrihim, <b>Mohmed O.Idris</b> (2014). <b><i>The efficacy of Trichoderma spp. and Bacillus isolates in the control of Chickpea wilt pathogens</i></b> . <i>Agriculture, Forestry and Fisheries</i> .3 (5):346-351

#### A. Articles in Workshops and Conferences

1	<b>Idris, M.O</b> and T.H.F/EL Rahman (1992) <b><i>Storage Fungi Associated with Sorghum Grains Stored Under Different Conditions in Central Sudan</i></b> . French-Sudanese Symposium on Phytopathology.ARC Conference Hall, Wad Medani 21-24 Nov.1992
2	<b>Idris, M.O</b> , Fath EL Rahman, T.H., Ahmed, N.E. (2005). <b><i>Fungal Contamination of Stored Sorghum Grains in Gadaref Area</i></b> . Sudanese Standards and Metrology Organization in Collaboration with Wageningen University, the Netherlands Work on: Mycotoxin Contamination in Stored Sorghum Grains, Health Hazards Implication and Possible Solution. Friend ship Hall-Khartoum April 2005.
3	<b>Idris, M.O.</b> , Ahmed, T.B, & Ahmed, N.E (2005). <b><i>Physical Characteristics and Chemical Composition of Sorghum Grain in Relation to Resistance to Storage Fungi</i></b> . Sudanese Standards and Metrology Organization in Collaboration with Wageningen University, the Netherlands Work on: Mycotoxin Contamination in Stored Sorghum Grains, Health Hazards Implication and Possible Solution .Friend ship Hall-Khartoum April 2005.
4	Nafisa E.Ahmed, Siham Abu Agla, <b>Mohamed O.Idris</b> & Salah ALHaseen (2005). <b><i>Fungal Contamination of Sorghum Grains, a possible Threat to Grain Quality</i></b> . Sudanese Standards and Metrology Organization in Collaboration with Wageningen University, the Netherlands Work on: Mycotoxin Contamination in Stored

	<i>Sorghum Grains, Health Hazards Implication and Possible Solution. Friend ship Hall-Khartoum April 2005.</i>
5	<i>Salwa Balla Mohamed Ahmed Sunhori, <b>Mohamed Osman Idris</b>. Nagat ELTayeb Mubark (2014). <b>Risk Analysis of Brown Rot in Potato Seed Causal by Ralstonia solanacearum Race 3 in Sudan</b>. Third Conference of Pest Management in Sudan .Agricultural Research Corporation. 3-4 Feb.2014.</i>
6	<i>Ahmed Hashim Ahmed, <b>Mohamed Osman Idris</b>, Mustafa Mohamed EL Balla, Jamal Mohamed Abdelmoula &amp; Ahmed Ali ELHassan (2014) <b>Pest Management for the Control of Two Major Disease of the Tomato Crop in Sudan</b>. The 5<sup>th</sup> Annual Conference of Post Graduate Studies and Scientific Research .24-27 Feb.2014 Friendship Hall-Shambat Campus</i>
7	<i>Ahmed, A.H; <b>Idris, M.O</b>; ELBulla, M.M.A; J.M. and Mohamed, T.A. (2014). <b>Final Report on The Research Project: Field Application Techniques of The Integrated Management of The Pests And Diseases of The Tomato Crop</b>. (Project Financed By The Min.of Higher Education And Scientific Research)</i>
8	<i><b>Idris, M.O.</b> (2014). <b>Effect of Aflatoxin Contamination Groundnut on Human Health</b>.in Aflatoxin Impact on Production and Processing of Groundnut Workshop. Arab Organization for Agricultural Development.Khartoum.23-24 Nov.2014 (PPT)</i>
9	<i>Mudawi, H.I. and <b>Idris, M.O.</b> (2015).<b>Efficacy of the Bioagents Bacillus isolates and Trichoderma spp. In The Control of wilt/Root-Rot Disease in Chickpea</b>. World Sustainable Development Outlook 2015-Turkey-June 2015</i>

## **B. Articles in Sudanese Standard & Metrology Organization**

**(In Arabic)**

1	<i>Ahmed, N.E.; Zorgani, G.A.; <b>Idris, M. O</b> and Omer, R.E. (2004) Sudanese Standards for Contamination with</i>
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	<i>Mycotoxins in Peanut and By products.(Standard No.2839)</i>
2	<i>Ahmed, N.E.; Zorgani, G.A.; <b>Idris, M. O</b> and Omer, R.E. (2004) Sudanese Standards for Contamination with Mycotoxins in Infants and Babies Food. (Standard No.2840)</i>
3	<i>Ahmed, N.E.; Zorgani, G.A.; <b>Idris, M. O</b> and Omer, R.E. (2004) Sudanese Standards for Contamination with Mycotoxins in Milk and By products. (Standard No.2841)</i>
4	<i>Ahmed, N.E.; Zorgani, G.A.; <b>Idris, M. O</b> and Omer, R.E.(2004)Sudanese Standards for Contamination with Mycotoxins in Legume .(Standard No.2843)</i>
5	<i>Ahmed, N.E.; Zorgani, G.A.; <b>Idris, M. O</b> and Omer, R.E.(2004)Sudanese Standards for Contamination with Mycotoxins in Spices .(Standard No.2846)</i>
6	<i>Ahmed, N.E.; Zorgani, G.A.; <b>Idris, M. O</b> and Omer, R.E.(2004)Sudanese Standards for Contamination with Mycotoxins in Coffee .(Standard No.2923)</i>
7	<i>Ahmed, N.E.; Zorgani, G.A.; <b>Idris, M. O</b> and Omer, R.E.(2005)Sudanese Standards for Contamination with Mycotoxins in Animal Feed .(Standard No.2924)</i>
8	<i>Ahmed, N.E.; Zorgani, G.A.; <b>Idris, M. O</b> and Omer, R.E. (2005) Sudanese Standards for Contamination with Mycotoxins in Poultry Feed. (Standard No.2925)</i>
9	<i>Ahmed, N.E.; Zorgani, G.A.; <b>Idris, M. O</b> and Omer, R.E.(2005)Sudanese Standards for Contamination with Mycotoxins in Tea .(Standard No.2926)</i>
10	<i>Ahmed, N.E.; Zorgani, G.A.; <b>Idris, M. O</b> and Omer, R.E.(2005)Sudanese Standards for Contamination with Mycotoxins in Nuts .(Standard No.2927)</i>

11	<i>Ahmed, N.E.; Zorgani, G.A.; Idris, M. O and Omer, R.E.(2005)Sudanese Standards for Contamination with Mycotoxins in Sesame .(Standard No.2928)</i>
12	<i>Ahmed, N.E.; Zorgani, G.A.; Idris, M. O and Omer, R.E.(2005)Sudanese Standards for Contamination with Mycotoxins in Vegetable Oils.(Standard No.3331)</i>
13	<i>Ahmed, N.E.; Zorgani, G.A.; Idris, M. O and Omer, R.E.(2005)Sudanese Standards for Contamination with Mycotoxins in Cotton Seeds .(Standard No.3332)</i>
14	<i>Ahmed, N.E.; Zorgani, G.A.; Idris, M. O and Omer, R.E.(2005)Sudanese Standards for Contamination with Mycotoxins in Sunflower Seeds .(Standard No.3333)</i>
15	<i>Ahmed, N.E.; Zorgani, G.A.; Idris, M. O and Omer, R.E.(2005)Sudanese Standards for Contamination with Mycotoxins in Soya Bean .(Standard No.3334)</i>

#### **D. Books (In Arabic)**

1	<i>Zorgani, G.A.; Ahmed,N.E.; Idris, M.O and Omer,R.E. (2005) Safety Measures For Protection of Cereals Grains from Contamination with Mycotoxins.Dina P.Press PP.15</i>
2	<i>Zorgani, G.A.; Ahmed,N.E.; Idris, M.O and Omer,R.E. (2005) Safety Measures For Protection of Grountrnut from Contamination with Mycotoxins.Dina P.Press PP.30</i>

