



Curriculum Vitae (C.V)
Dr. Soad Ali Eltayeb Algam
Associate Professor, Plant Pathologist
Dept. of Crop Protection
Faculty of Agriculture
University of Khartoum

Personal Details

Name	Soad Ali El Tayeb Algam
Date of Birth	1/1/1969
Place of Birth	Elmassallamia (Sudan)
Gender	Female
Marital Status	Married
Nationality	Sudanese
Academic Status	Associate Professor
Department	Crop Protection
Faculty	Faculty of Agriculture
E. mail	soadalgam@hotmail.com soadalgam@yahoo.com Mobile: +249912707717

Qualifications

Degree	Institution	Country	Date
PhD	Zhejiang University	China	2005
M.sc	U of K	Sudan	2000
B.sc	U of K	Sudan	1996

ACADEMIC APPOINTMENTS

Date	Position	Institution/ country
Sept.1996- June 2001	Teaching Assistant	U of K/ Sudan
June 2001- Aug. 2005	Lecturer	U of K/ Sudan
Aug.2005	Assistant Professor	U of K/ Sudan
June 2013	Associate Professor	U Of K/ Sudan

SPECIALISED TRAINING

Training	Date	Institution / Country
Contemporary phytosanitary measures and procedures	2001	Plant Protection directorate, , Khartoum North,
Training courses on educational arrangement for teaching assistants	1997	University of Khartoum Staff development center

FIELD OF WORK

- Phytobacteriology,
- biological control,
- molecular plant pathology

SPECIAL INTEREST

- General Plant Pathology ,
- Phytobacteriology
- Mycology
- Biological control
- Seeds borne diseases
- Molecular plant pathology, genetic engineering

SCHOLARSHIPS

Awarding Body	Country	Date
Zhejiang University, Hangzhou (post doctor)	China	2008-2010
Ministry of higher education (PhD)	China	2001-2005
Germany Academic Exchange Service (DAAD) (M.sc)	Sudan	1998-2000

AWARDS

Award	Awarding Body	Country	Date
prize for the best academic performance in agronomy, final year	Arab Organization for Agricultural Development	Sudan	1996
Prize for the best academic performance in Plant pathology, final year	Arab Authority and Development of Agriculture	Sudan	1996
prize for the best academic performance in Plant pathology, final year t	Sudanese Agricultural Bank	Sudan	1996

PROFESSIONAL COURSES & WORKSHOPS ATTENDED

Training Course/ Workshop	Body	Country	Date
Meeting of National Pests and Diseases Committee	Crop protection research center	Sudan	2008 2013
Genetics between Laboratory; Field Experiments and Application"	DAAD	Sudan	2012
Workshop of PCR in practice during the 1 th international conference in Modern advances in the field of Biotechnology and Genetic Engineering	Jordan University of Science & Technology	Jordan	2013
Workshop of Genetic relatedness among bacteria using molecular biology 1 th international conference in	Jordan University of Science & Technology	Jordan	2013

Modern advances in the field of Biotechnology and Genetic Engineering			
5 th International Workshop in Biotechnology	<i>National Center For Research</i>	<i>Sudan</i>	<i>2014</i>

COURSES & WORKSHOPS ATTENDED IN EDUCATION

Training Course/ Workshop	Body	Date
<i>Teaching Staff Performance Development</i>	<i>Advanced Training and Performance Development centre, U of K</i>	<i>1997</i>

ADMINISTRATIVE & PROFESSIONAL RESPONSIBILITIES & ACTIVITIES

ADMINISTRATIVE RESPONSIBILITIES

Date	Position
Aug.2012- Feb.2013	Head Department of Crop production
Feb. 2011- Apr.2011	Acting Head Department of Crop production
2005-2008	Academic Secretary of Department of Crop production

OTHER ACTIVITIES

Date	Activity
Aug.2012-to date	<i>Member of the Board of the Faculty of Faculty of Agriculture, U of K</i>
Feb. 2011- Apr.2011	
Aug..2012- Feb..2013	<i>Member of the Board of the Senate of University of Khartoum</i>
Feb. 2011- Apr.2011	

MEMBERSHIP

LOCAL

Status	Association/ Society	Town//Country	Date
Member	Sudanese Agricultural Council	Khartoum/Sudan	1998-date
Member	Agricultural Engineering Union	Khartoum/Sudan	1998-date

REGIONAL

Status	Association/ Society	Town/Country	Date
Member	Arab Society of Crop protection	Syria	2011 to date

INTERNATIONAL

Status	Association/ Society	Town/Country	Date
Member	Zhejiang University Alumni Association	China	2006 to date

ORGANISATION OF PROFESSIONAL TRAINING COURSES

Status	Training course/ Symposium	Country	Date
Organiser	Seeds Borne Diseases and plants health	Sudan	10 Dec- 10 Jan.2013
Trainer	Diagnosis of bacterial and fungal plant diseases	Sudan	Aug.2014

COMMUNICATION TO LEARNED SOCIETIES***Regional Conferences & Meetings***

1 th international conference in Modern advances in the field of Biotechnology and Genetic Engineering	Jordan University of Science & Technology	Jordan	2013
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International Conferences & Meetings

Hangzhou International Symposium on Plant Pathology and Biotechnology	Zhejiang University	China	2004, 2007 2009
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TEACHING & EXAMINATION EXPERIENCE**Undergraduate**

Course Title	Credit hours	Semester/year	Faculty
Plant bacterial diseases	3	2 nd Semester 2005-2008 2010=2013	Agriculture
Seeds and soil borne diseases	3	1 st semester 2010-2013	Agriculture

Molecular plant pathology	3	2 nd Semester 2010-2013	Agriculture
Diseases of Horticultural crops	3	2 nd semester 2006-2008	Agriculture
General plant pathology	2	1 st Semester 2011-2013	Agriculture

Postgraduate

Course Title	Credit hours	Semester/year	Faculty
Advanced plant pathology	3	2 nd Semester 2008-2013	Agriculture

Examinations

Undergraduate

Status	Course Title	Faculty	University	Date
Examiner	Plant bacterial diseases	Agriculture	Khartoum	2005-to date
Examiner	Seeds and soil borne diseases	Agriculture	Khartoum	2010-to date
Examiner	Molecular plant pathology	Agriculture	Khartoum	2010-to date
Examiner	Diseases of Horticultural crops	Agriculture	Khartoum	2006-2008
Examiner	General plant pathology	Agriculture	Khartoum	2011-to date

Examinations

Postgraduate

Status	Course Title	Faculty	University	Date
Internal Examiner	Quarantine for true Seeds in The Sudan	Agriculture	Khartoum	2012
Internal Examiner	A study on the effect of time of application on the efficacy of fungicide Ridomil Gold MZ68WG on Early Blight disease	Agriculture	Khartoum	2008
Internal	Biological control of early blight in tomato by	Agriculture	Khartoum	2008

Examiner	bacillus spp in Shambat-Sudan			
Internal Examiner	Isolation and characterization of some bacillus strains for biological control of four phytopathogenic fungi	Agriculture	Khartoum	2010
Internal Examiner	Evaluation of Chitosan Efficacy on Tomato Growth and Control of Early Blight Disease	Agriculture	Khartoum	2013
Internal Examiner	<i>In vitro</i> Screening of Some Biocontrol Agents Against <i>Xanthomonas axonopodis</i> pv. <i>malvacearum</i> Isolated From Infected Cotton Plants	Agriculture	Khartoum	1015
Internal Examiner	Antifungal Effect of Camel Urine and Ginger Water Extract Against Early Blight Disease Caused by <i>Alternaria alternata</i> <i>in vitro</i>	Agriculture	Khartoum	2015

Undergraduate

Student Name	Thesis Title	Faculty	University	Date
Safa Ahmed Almustafa	Integrated management of black arm of cotton	Agriculture	Khartoum	2006
Abla Mohammed Abdelgader	Plant Quarantine in the past, present and future	Agriculture	Khartoum	2006
Musa Mahdi Hago	The effect of Bacillus spp on Rhizoctonia development <i>in vitro</i>	Agriculture	Khartoum	2006
Mohammed	Importance and uses of	Agriculture	Khartoum	2007

Hassan Yossif	biological control in plant diseases			
Muna Ahmed Mohammed	The effect of Bacillus sp and Neem oil against Aspergillus flavus in vitro	Agriculture	Khartoum	2007
Mohammed Hassan Abdellah	The effect of Bacillus sp and Neem oil against Aspergillus flavus in vitro	Agriculture	Khartoum	2007
Abdellah Eltaher Mohammed	Tissue culture uses and benefits	Agriculture	Khartoum	2008
Abdelrahman Ahmed Ali	Food Poisoning	Agriculture	Khartoum	2008
Khalid Hassan Mahmood	Statistics and experiments design and its applications to natural germination	Agriculture	Khartoum	2008
Ayat Elzain	Isolation and Identification of bacterial soft rot on potatoes	Agriculture	Khartoum	2008
Abdelrahman Abdellah	Test for safety water supplies	Agriculture	Khartoum	2011
Naser eldin Abdellah Ali	The production and manufacturing of yeast	Agriculture	Khartoum	2011
Mohammed Khalafallah Gurashi	The effect Of bacillus against Fusarium Sp in-vitro	Agriculture	Khartoum	2011
Mahmood Yaagoob	Bacterial and Viral diseases of potato	Agriculture	Khartoum	2011
Mohammed Maki Elhaj	Processors in the tissue culture of sugarcane	Agriculture	Khartoum	2011
Shimaa Abd-elbagi Hamid	Evaluation of antifungal effect of Chitosan and paenibacillus on some plant pathogenic fungi	Agriculture	Khartoum	2012
Azza Merghani	Evaluation of antifungal	Agriculture	Khartoum	2012

Osman	effect of Chitosan and paenibacillus on some plant pathogenic fungi			
-Aatif Humaida Mohammed -Shareef Abdella Ahmed -Aamer Saeed Jebreel	Antagonistic Effect of Paenibacillus and some Natural Product against Black Arm Disease on cotton plants	Agriculture	Khartoum	2013
-Eslam Siddig Elsadig -Jameila Adam	Study the Effect of ginger and hargel water extract against fusarium wilt of tomato	Agriculture	Khartoum	2014
Abdel Rahman Babiker Elameen -Egbal mohammed Ajabna	Biological control of Early blight disease of tomato by Camel urine and ginger <i>in vitro</i>	Agriculture	Khartoum	2015
Eslam Basheer Ibrahim -Reem Abdel Hadi Ameen	Isolation and Identification of bacterial leaf spot of Tomato	Agriculture	Khartoum	2015

Postgraduate

Master

Student Name	Thesis Title	University	Date
Saif eldeen Ahmed Abdallah	Biological control of early blight in tomato by bacillus spp in Shambat-Sudan	Khartoum	2008
Anaheed Abdelhameed Siddig	Isolation and characterization of some bacillus strains for biological control of four phytopathogenic fungi	Khartoum	2010
Mohammed ElwagiaAli	Evaluation of Chitosan Efficacy on Tomato Growth and Control of Early Blight Disease	Khartoum	2013
Thwipa Mohamed Taha Osman	<i>In vitro</i> Screening of Some Biocontrol Agents Against <i>Xanthomonas axonopodis</i> pv. <i>malvacearum</i> Isolated	Khartoum	2015

	From Infected Cotton Plants		
Elamin Hafiz Baillo Osman	Antifungal Effect of Camel Urine and Ginger Water Extract Against Early Blight Disease Caused by <i>Alternaria alternata</i> <i>in vitro</i>	Khartoum	2015

GRANTS OBTAINED FOR RESEARCH PROJECTS

Proposal Title	Granting Body/country	Amount	Date

PUBLICATIONS

Summary

No of articles	15
No of articles after Assistant Professor promotion	12
No of articles after Associate Professor promotion	3
No of articles in International Journal	8
No of articles in Regional Journal	1

No of articles in Local Journal	-
No of articles as First Author	6
No of articles as Second Author	5
No of articles as Last Author	-
No of articles as Original article	10
No of articles as Review article	-
No of articles as Short communication	-
No of articles as Case report/ Letter	-

Publications List

Authors, title, journal, date, issue no, pages, Journal impact factor
1. Xie Guan Lin, Soad A Algam, Swings J, Mew T W (2003) Diversity of Gram negative bacteria antagonistic against major pathogens of rice from seed in the tropic environment. <i>Journal of Zhejiang University SCIENCE</i> 4(4):463-468. Impact factor 1.1
2. Algam A Soad, Xie G L, Li B, Coosemans J (2004) Comparative performance of <i>Bacillus</i> spp. in growth promotion and suppression of tomato bacterial wilts caused by <i>Ralstonia solanacearum</i> . <i>Journal of Zhejiang University (Agric. Life Sci.)</i> , 30(6): 603-610.
3. Algam A Soad, Xie Guan Lin Coosemans J (2005) Delivery methods for introducing endophytic <i>Bacillus</i> into tomato and their effect on growth promotion and suppression of tomato wilt. <i>Plant Pathology Journal</i> .4(1):69-74.
4. LI Bin, XIE Guan-lin, Soad Algam, Coosemans J (2005) Suppression of <i>Meloidogyne javanica</i> by antagonistic and plant growth-promoting rhizobacteria. <i>J. of Zhejiang University Science</i> .6 (B):496-501. Impact factor 1.1
5. Algam A Soad, Xie Guan Lin, LI Bin, Jef Coosemans (2006) Biological control of Bacterial wilt of tomato by <i>Bacillus</i> spp. under greenhouse environment. <i>Acta Phytopathology</i> . 36(1):80-85
6. Algam, S. A. E., Xie ,G. L., Li, B., Yu, S.H., Su, T., Larsen, J., 2010. Effects of <i>Paenibacillus</i> strains and chitosan on plant growth promotion and control of Ralstonia wilt in tomato. <i>Journal of plant Pathology</i> . 92, 595-602. Impact factor 0.91

7. Li, B., Su, T., Liu, B.P., S.A. Algam, Zhang, E.Q., Xie, G.L(2010) Inhibitory activity of *Paenibacillus macerans* and *Paenibacillus polymyxa* against *Ralstonia solanacearum*, African Journal of Microbiology Research Vol. 4(19) pp. 2048-2054, 2010. Impact factor 0.54

8. Algam, S. A. E., Xie ,G. L., Li, B (2013) Effects of chemical inducers and *paenibacillus* on tomato growth promotion and control of bacterial WILT .Asian Journal of plant pathology Vol.7.(1) pp.15-28. **ISSN**

9. 1819-1541

10. Algam A Soad, Xie Guan Lin, LI Bin, Bo Liu (2004) Biochemical and molecular characterization of Bacillus isolates with distinct antagonistic potential against the Bacterial pathogen of tomato wilt. *5TH Hangzhou International Symposium on Plant Pathology and Biotechnology* pp 58.

11. LI Bin, Xie Guan Lin, Soad A Algam, Zhang Jingze, Jef Coosemans (2004) Biological control of root rot-root knot disease complex of mungbeen with rhizobacteria. *5TH Hangzhou International Symposium on Plant Pathology and Biotechnology* pp 59.

12. Algam, A.E. Soad Guanlin Xie (2007) Some novel antagonistic bacteria against bacterial wilt of tomato from rhizosphere identified. *6TH Hangzhou International Symposium on Plant Pathology and Biotechnology* pp 58

13. Algam A Soad, Li Bin, Xie Guan Lin (2009) Evaluation of the efficacy of chitosan and *Paenibacillus polymyxa* for control of tomato bacterial wilt under greenhouse environment. *7TH Hangzhou International Symposium on Plant Pathology and Biotechnolog* pp 38.

14. Saifeldeen A. Abdalla1, Soad A. A. Algam, Elshiekh A. Ibrahim, Ahmed M. El Naim (2014). In Vitro Screening of Bacillus Isolates for Biological Control of Early Blight Disease of Tomato in Shambat Soil. World Journal of Agricultural Research, 2014, Vol. 2, No. 2, 47-50.

15. Soad. A. E. Algam and Mohammed. E. A. Elwagia (2015). Evaluation of Chitosan Efficacy on Tomato Growth and Control of Early Blight Disease. *Jordan Journal of Agricultural Sciences*, Volume 11, No 1,27-36.

16- Elamin H. B. O. , Soad A.E. Algam,Siddig M.E.and Mohammed Elwagia Ali (2015). Antifungal Effect of Camel Urine and Ginger Water Extract Against Early Blight Disease Caused by *Alternaria alternata* *in vitro*.International Journal of Agriculture , Forestry and plantation, accepted.

Referee of Textbooks OR Journals

Journal/ Textbook	Date
Philippines Agricultural sciences	2012
Journal of Agriculture and biodiversity research	2012
African journal of microbiology research	2011