

CURRICULUM VITAE

A. Abbasher (Ph.D.)

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PERSONAL HISTORY

Full name: Abbasher Awad Abbasher
Place and Date of birth: Wad Medani, Sudan, December 19, 1954
Nationality: Sudanese
Religion: Muslim
Marital status: Married with three children
Foreign Languages: Arabic, English, German, French (work knowledge)

EDUCATION

April, 1989 to February, 1994	Hohenheim University, Stuttgart, Germany	Ph.D. in Plant Pathology
April, 1981 to Sep., 1983	American University of Beirut, Beirut, Lebanon	M.Sc. in plant pathology
Sept., 1975 to July., 1979	Alexandria University, Alexandria, Egypt	B.Sc. in Crop Protection (Plant Pathology)
July, 1972 to May, 1975	Hantoub High Secondary School, Hantoub, Sudan	Sudanese Certificate
July, 1967 to May, 1972	Elameeria General Secondary School, Wad Medani, Sudan	General Secondary School Certificate
July, 1963 to April, 1967	Elementary School, Wad Medani, Sudan	Elementary School Certificate

PROFESSIONAL EMPLOYMENT

June 2012–to date	Representative of Faculty of Agriculture and Natural Resources in Post Graduate Studies & Research Committee, University of Gezira.
July 2011 to date	Deputy Dean , Faculty of Agriculture and Natural Resources, Gezira University, Wad Medani, Sudan.
January 2000 – May 2011	Associate Professor , Department of Botany and Plant Pathology, Faculty of Agriculture and Natural Resources, University of Gezira, Wad Medani, Sudan.
March 1995 to date	Research Fellow , International Crops Research Institute for the Semi-Arid Tropics (ICRISAT). Currently involved in research on Biological control of <i>Striga hermonthica</i> following the mycoherbicide approach, integration of the biocontrol agents in <i>Striga</i> management, and screening of different millet varieties for their resistance to <i>Striga</i> .
March 1995 to 1998	Scientist , University of Giessen located in ICRISAT, Niamey, Niger.
April, 1994 to March 1995	Assistant Professor , Department of Botany and Plant Pathology, Faculty of Agriculture and Natural Resources, University of Gezira, Wad Medani, Sudan.
Oct., 1988 to March, 1994	Research assistant , Institute of Plant Production in the Tropics and Subtropics, University of Hohenheim, Stuttgart, Germany.
Oct., 1985 to Oct., 1988	Senior Lecturer , Department of Botany and Plant Pathology, Abu Haraz College, University of Sudan
Oct., 1985 to Oct., 1988	Academic Secretary and member of Administrative council of Abu Haraz College, University of Gezira, Wad Medani, Sudan.
Sep., 1983 to Sep., 1985	Lecturer , Department of Botany and Plant Pathology, Abu Haraz College, University of Gezira, Wad Medani, Sudan. Training Manager for technicians working in different Agricultural institutes in the Sudan.
Dec., 1979 to Oct., 1980	Teaching assistant , Department of Botany and Plant Pathology, Abu Haraz College, University of Sudan.

PROFESSIONAL AWARDS/GRANTS

Josef G. Knoll-Scientific award 1994. An award for research that contributes to solve problems in the Tropical and Subtropical countries.

ACADEMIC CONTRIBUTIONS

Courses:

- ❖ Botany (Plant Morphology & Anatomy - Plant Physiology – Plant Taxonomy)
- ❖ Microbiology (Mycology, Bacteriology, Virology)
- ❖ Plant Pathology (Principle of plant pathology, plant disease epidemiology, Vector to plant Diseases, Biological control).

Membership:

- ❖ Member of Gezira University Senate 2000 – to date
- ❖ Member of Al Butana University Senate Oct. 2010- June 2012
- ❖ Member of Al Butana University Scientific Committee Oct. 2010- June 2012

SCIENTIFIC CONTRIBUTIONS

GRADUATION THESES

Abbasher, A. A. (1994). Microorganisms associated with *Striga hermonthica* and possibilities of their utilization as biological control agents. **Ph. D. thesis**, Koch, W. and S. Am Eichenheim 49, D-70619 Stuttgart, Germany 144 pp.

Abbasher, A. A. (1983). Studies on the cucurbit viruses: watermelon mosaic virus 2, zucchini yellow mosaic virus and cucumber yellows in Lebanon. **M.Sc. thesis**, Faculty of Agriculture, American University of Beirut, Beirut, Lebanon.

PUBLICATIONS

Abbasher, A. A., Zaroug, M. S., Zahran, E. B., Sauerborn, J. 2012. Germination, attachment and development of *Striga hermonthica*

(DEL.) Benth induced by host and non-host crops. University of Khartoum Journal of Agricultural Science 20 (3): 229 - 242

Abbasher A. A., Zaroug M. S., Zahran E.* and Ahmed E. A. 2009. Leguminous crops as trap crops for *Striga hermonthica* control under field conditions. 10th World Congress on Parasitic Plants, 10-12 June 2009 Kusadasi, Turkey. (Poster Presentation)

Abbasher, A. A., Husian, M. M., Zaroug, M. S., Zahran, E. B. 2013. Prevalence and etiology of branch wilt Disease(*Natrassia mangiferae*) on trees species in Wad Medani area, Sudan. Journal of Sciences and Technology, Series of Agriculture and Veterinary 14 (1) 1-10

.Abbasher, A. A., Zaroug, M. S., Zahran E. B. Daffalla A. Dawood . 2013. Influence of Sorghum-legume Intercropping on *Striga hermonthica* (Del.) Benth Control and Sorghum Performance. University of Khartoum Journal of Agricultural Science 21 (2): 197-209

Abbasher A. A. & E. O. Owusu (1998) Novel mealybug transmitted virus-like disease infecting *Striga hermonthica*: possibilities for biological control. Biocontrol Science and Technology.

Abbasher A. A. & Sauerborn J. (1992) *Fusarium nygamai*, a potential bioherbicide for *Striga hermonthica* control in sorghum. Biocontrol 2:291-296.

Abbasher A. A. & Sauerborn J. (1995). Pathogens attacking *Striga hermonthica* and their potential as biological control agents. In: Proceedings VIII International Symposium on Biological Control of Weeds. E. S. Delfosse & R. R. Scott (editors.). Lincoln University, Canterbury, New Zealand, pp. 527-533.

Abbasher A. A., Hess D. E., Sauerborn J. & Kroschel J. (1996) Biological Control of *Striga* spp. In: ICRISAT *Striga* Sector Review, Mali, Bamako. In press.

Abbasher A. A., Hess D. E., Sauerborn J. & Kroschel J. (1996) Effect of different *Fusarium* spp. on seed germination of: *Striga hermonthica* (sorghum and millet strains), *S. asiatica* and *S. gesnerioides*. In: Advances in Parasitic Plant Research. Proceedings VI Parasitic Weed Symposium. M. T. Moreno, J. I. Cubero, D. Berner, L. J. Musselman & C. Parker (editors). Cordoba, Spain, pp. 879-887.

- Abbasher A. A., Hess D. E., Sauerborn J. & Kroschel J. (1996) Fungal antagonists for biological Control of *Striga hermonthica* in West African. 4th General Workshop of the Pan-African *Striga* Control Network. Bamako, Mali. In press.
- Abbasher A. A., Hess D. E., Sauerborn J. & Kroschel J. (1996) Potential of *Fusarium* spp. as bioherbicides for control of *Striga* spp. In: Recent Research Development in Plant Pathology. In press.
- Abbasher A. A., Hess D. E., Sauerborn J. & Kroschel J. (1997) Field control of *Striga hermonthica* with indigenous isolate of *Fusarium oxysporum* in Niger. In press.
- Abbasher A. A., Hess D. E., Sauerborn J. & Kroschel J. (1997) *Fusarium oxysporum* (isolate 4-3-b) for control of *Striga hermonthica* on millet and sorghum in Niger. In press.
- Abbasher A. A., Kroschel J. & Sauerborn J. (1995) Microorganisms of *Striga hermonthica* in Northern Ghana with potential as biocontrol agents. *Biocontrol Science and Technology* 5: 157-161.
- Abbasher A. A., Sauerborn J., Kroschel J. & Hess D. E. (1996) Evaluation of *Fusarium semitectum* var. *majus* for biological control of *Striga hermonthica*. In Proceedings of the IX International Symposium on Biological Control of Weeds, 19-26 January 1996, V. C. Moran & J. H. Hoffmann (editors). Stellenbosch, South Africa, pp. 115-120.
- Abbasher, A. A. (1994) Microorganisms associated with *Striga hermonthica* and possibilities of their utilization as biological control agents. Koch, W. and S. Am Eichenheim 49, D-70619 Stuttgart, Germany 144 pp.
- Ahmed, E. A., Abbasher A. A., and Babiker A. G.T. (2012). Influence of *Fusarium c.f. nygami*. On *Striga hermonthica* (Del) Benth germination, parasitism, sorghum growth and yield. *Sudan Journal of Agriculture Research* 19: 43 – 54.
- Kroschel J., Abbasher A. A. & Sauerborn J. (1995) Herbivores of *Striga hermonthica* in Northern Ghana and approaches of their use as biocontrol agents. *Biocontrol Science and Technology* 5: 163-164.
- Kroschel J., Hundt A., Abbasher A. A. & Sauerborn J. (1996) Pathogenicity of fungi collected from Ghana to *Striga hermonthica* (Del.) Benth. *Weed Research* 36,515-520.

- Makkouk K. M. & Abbasher A. A. (1986) Cucumber yellows virus in Lebanon: Transmission by a white fly species and host range. *Mediterranean Phytopathology*.
- Mennssa R., Makkouk K. M. & Abbasher A. A. (1986) Detection of zucchini yellow mosaic virus in intact leaf disks and tissue extracts by enzyme-linked-immunosorbent assay. *Phytopathologia Zeitschrift* 115: 152-159.
- Sauerborn J., Abbasher A. A. & Kroschel J. (1994) Biological control of parasitic weeds by phytopathogenic fungi. In: Proceedings of the International Workshop on *Orobanche* and related *Striga* research. A. H. Pieterse, J. A. C. Verkleij & S. J. ter Borg (editors.). Amsterdam, The Netherlands, The Royal Tropical Institute, pp. 545-549.
- Sauerborn J., Abbasher A. A., Kroschel J., Cornes D. W., Zoschke A. & Hine K. T., 1996. *Striga hermonthica* control with *Fusarium nygamai* in maize. In Proceedings of the IX International Symposium on Biological Control of Weeds, 19-26 January 1996, V. C. Moran & J. H. Hoffmann (editors). Stellenbosch, South Africa, pp. 461-466.
- Sauerborn J., Dorr, I., Abbasher A. A. & Thomas S. (1996) Electron microscopic analysis of the penetration of *Fusarium nygamai* a hyperparasite of *Striga hermonthica*. *Biological control* 7, 53-59.
- Zahran E.B., Abbasher A.A., Sauerborn J., Müller-Stöver D., 2004. Biological control of *Striga Hermonthica* (Del.) Benth. under Sudanese field conditions using *Fusarium* species. In: The second national pest management conference in the Sudan, 6- 9.12. 2004, Faculty of Agriculture Sciences, University of Gezira, Sudan
- Zahran E, Sauerborn J, Abbasher A.A., Ahmed E.A, Mohukker R.I, Karlovsky P., Mohamed E.A., Müller-Stöver D. 2008. "Pesta" and alginate delivery systems of *Fusarium* spp. for biological control of *Striga hermonthica* (Del.) Benth. under Sudanese field conditions. *Biological Control* 44:160-168.
- Zahran E, Sauerborn J, Abbasher A.A., Ahmed E.A., Müller-Stöver D. 2007. "Pesta" and alginate delivery systems of *Fusarium* spp. for biological control of *Striga hermonthica* (Del.) Benth. under Sudanese field conditions. Tropenstag, Witezhausen 9-11October 2007. (Poster presentation)

- Zahran E., Kohlschmid E., Sauerborn J., Abbasher A.A. & Müller-Stöver D.. 2008. Does an application as seed coating stabilize the efficacy of biocontrol agents against *Striga hermonthica* under field conditions?. Journal of Plant Disease and Protection, Special issue XX, 467-470
- Zahran E, Sauerborn J, A. Abd Elmageed, Abbasher A.A., Ahmed E.A., Müller-Stöver D. 2008. Granular formulation and seed coating: Delivery system for the biological control of *Striga hermonthica*. Journal of Plant Disease and Protection 115 (4):178-185
- Zahran, E. B, Zaroug, M. S., Abbasher, A. A., and Abdelaaleem, E. A. 2014. Impact of Field dodder (*Cuscuta campestris* Yuncker) on onion (*Allium cepa* L.) growth and yield. The Third Conference of Pest Management February 3 -4. 2014, Wad Medani, Sudan. (Poster Presentation).
- Zaroug, M. S., Abbasher, A. A., Zahran, E. B. 2014. Distribution and host range of mistletoe (*Tapinanthus globiferus*) (A. Rich.) van Tieghan along the Blue Nile Banks in Central Sudan. The Third Conference of Pest Management February 3 -4. 2014, Wad Medani, Sudan.
- Zaroug, M. S., Abbasher, A. A., Zahran, E., and Elagab, M. A. 2009. Occurrence of mistletoe (*Tapinanthus globiferus*) (A. Rich.) van Tieghan on orchards in central Sudan. 10th World Congress on Parasitic Plants, 10-12 June 2009 Kusadasi, Turkey. (Poster Presentation). **This poster won the price of high quality poster.**
- Zaroug, M. S., Abbasher, A. A., Zahran, E. B. 2013. Incidence, severity *Tapinanthus globiferus* on lime and guava and its mechanical control of mistletoe in the Gezira State, Sudan. Journal of Science and Technology, Series of Agriculture and Veterinary 14(1): 44 - 51.
- Zeidan A. B., Abuelgasim, E. A. & Abbasher, A. A. (1985) Plant parasitic nematodes in Sudan. India Phytopathology 39: 194-197.

Books in English

1. Hess, D. E., Kroschel, J. , Traore, D. A., Elzein, A. E. M., Marley, S. P. Abbasher, A. A. and Diara, C. (2002). *Striga*: Biological Control Strategies for a New Millennium. In: Sorghum and Millet Diseases. John F. Lislie (editor). Iowa State Press. USA.

2. Anonym (2001). A Technical Manual for parasitic Weed Research and Extension. Kroschel, J (ed). Kluwer Academic Publisher, The Netherlands. Abbasher, A. A. (Contributor).

كتب باللغة العربية

1. محمد سعيد زروق، أبشر عوض أبشر و عبدالله محمد حمدون (2008). النباتات الزهرية المتطفلة: الاحيائية وطرق التحكم. وزارة العلوم والتكنولوجيا، هيئة البحوث الزراعية.

REFEREES

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