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Personal Information :

Name : Mohamed Osman Abdelrhman Warrag.

Date of Birth: January 1, 1949.

Place of Birth: Tangasi Elgazeera, Sudan.

Nationality : Sudanese.

Language : Arabic (native), English (second).

Education :

- 1983 PhD. in Botany, University of California, Riverside, California. Course work in Horticulture, agronomy, plant physiology; and basic botany. Dissertaion title: " the Reproductive Responses of Cowpea (*Vigna unguiculata* (L) Walp.) to Heat stress" which covered physiological, botanical and agricultural aspects.
- 1978 M.S. in plant Sciences, University of California, Riverside, California, by courses and examination.
- 1973 B.SC. (honour) class II division I in Agriculture, University of Khartoum, Sudan.

Positions held

- 1992 -2005 Associate professor, King Saud University, Saudi Arabia.
- 1984 – 1992 Assistant professor, King Saud University, Saudi Arabia
- 1983 Graduate research Assistant with Dr. Tom Embelton, Department of Botany and Plant Sciences, University of California,Riverside, on mineral nutrition of citrus fruit trees.
- 1982 Graduate Research Assistant with Dr. Anthony E. Hall, Department of Botany and plant Sciences, University of

California, Riverside, on heat resistance and water relations of cowpeas (*Vigna unguiculata* (L.) Walp.).

1979 – 1980 Graduate research Assistant with Dr. Walter Reuther, Department of Botany and plant Sciences, University of California, Riverside, on effect of heat stress on vegetative growth of citrus (orange) seedlings.

1978 Graduate research Assistant with Dr. Roy Young, Department of Botany and plant Sciences, University of California, Riverside, on the relationship between fruit development and Soil content of avocado (*persea Americana* mill.) fruits.

1973 – 1977 Research Assistant in the Horticultural Section of the Agricultural Research Corporation of Sudan.

Teaching experience

General Botany, Plant Pphysiology, Plant Taxonomy of Flowering Plants, Vegetable Production, Fruit Production and Postharvest Physiology.

Publication

Warrag, M.O.A. and Hall, A.E. (1983). Reproductive responses of cowpea to heat stress: genotypic differences in tolerance to heat at flowering. *Crop. Sci.* 23: 1088-1092.

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- Warrag, M.O.A. (1988). Reproductive performance of cowpea (*Vigna unguiculata* (L.) Walp.). In Qassim, Saudi Arabia. *Arab Gulf J.Scient, Res.* 6 (3): 349-358.
- Warrag, M.O.A. (1991). Effect of perianth (cap) persistence on date (*phoenix dactylifera* L.) fruit infestation with store insects. *J. King Saud Univ.* 3 (1):97-73.
- Warrag, M.O.A. (1991). Flowering and fruiting of tomatoes (*Lycopersicon esculentum* mill) in Qassim, Saudi Arabia during summer. *J. King. Saud Univ.* 3 (2): 241-250.
- Warrag, M.O.A.(1991). Reproductive growth of tomato (*Lycopersicon esculentum* mill) in Qassim, Saudi Arabia, during winter. *Arab. Gulf. J. Scient. Res.* 9 (2): 71- 85.
- Warrag, M.O.A. (1994). Autotoxicity of mesquite (*prosopis Juliflora* pericarps on seed germination and seedling growth..*J.Arid. Environ.* 27:79-84.
- Warrag, M.O.A. (1995).Autotoxic potential of foliage on seed germination and early growth of mesquite (*prosopis Juliflora*).*J. Arid. Environ.*31: 415- 421.
- Al-Humaid, A.I. and Warrag, M.O.A. (1998) Allelopathic effects of mesquite (*prosopis juliflora*) foliage on seed germination and seedling growth of bermudagrass (*Cynodon dactylon*). *J. of Arid Environ* 38: 237 – 243.
- Al-Humaid, A .1. and Warrag, M.O.A. (1999) Effects of mesquite (*prosopis juliflora*) pericarps aqueous extracts on seed germination and plumule and radicle elongation of bermudagrass

(*Cynodon dactylon*). J.King Saud Univ. 11(2):149-156

Al- Wasel, A.S. and Warrag, M.O.A. (1998). Effect of fruit developmental stage, seed scarification and operculum removal on seed germination of date palm. J. King Saud Univ. 10 (2):153-161.

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Warrag, M.O.A. and Al-Wasel, A.S. (2000). Autoallelopathic potential of leaflets and seeds on seedling growth of date palm. Sultan Qaboos Univ. J. Agric Sci. 5 (1): 7-10.

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