

Name: Yousif Nasser Aldryhim

Professor of Entomology (Economic Entomology).

Current researches:

My current interest is concentrated on the Red Palm weevil, pests of stored dates and Aphids.

Academic Degrees:

1) **B.Sc.:**

University: King Saud University. College: College of Agriculture
University Location (City, Country): Riyadh, Saudi Arabia
Date of Obtaining Degree: July 2, 1978 A. D.

2) **MS.:**

University : Ohio State University College: Science
University Location (City, Country): Columbus, Ohio
Date of obtaining Degree: 31/8/1982 A. D.
Title of Master `s Thesis (if any):
Use of the Pheromone in indian meal moth, *Plodia
interpunctella* Hbn., pest management.

3) **Ph.D.:**

College: College of Sciences.
University: University of Ohio State.
City, Country: Columbus, Ohio, USA
Ph.D. Acquiring Date: 12/12/1985.
Ph. D. Thesis Title:

An ecological study of the indian meal moth, *Plodia interpunctell* with emphasis on the effect of food type.

EMPLOYMENT & ADMINSTRATIVE HISTORY

1) **Employment History:** (in Descending Order-Last Given First):-

- Professor of Entomology from 1995 to date.
- Associate Professor, Plant Protection Department, College of Agriculture, King Agriculture, King Saud University from 21/1/1991 to 1995
- Assistant Professor, Plant Protection Department, College of Agriculture, King Saud University from 4/1/1986 to 21/1/1991.
- Teaching Assistant, Plant Protection Department, College of Agriculture, King Saud University from 23/7/1978 to 21/1/1991.

2) **Administrative Assignments:** (in Descending Order)

- Head of Plant Protection Department, College of Agriculture, King Saud University, from January, 11986 to Date.
- Acting chairman of Plant Protection Department, from May 1988 t0 may 1989.

3) **Scholarships, Awards:** (if any)

- Honor certificate from college of agriculture, King Saud University, for outstanding students, 1976.

CONFERENCES, SYMPOSIA AND OTHER ACTIVITIES

- Entomological Society of America, North Central Branch, March, 1981, Columbus, Ohio.
- Entomological Society of America, North Central Branch, March 1982, Sioux falls, SD. (Participant).
- The annual conference of the Entomological Society of America, December 1991, Reno, NV.
- The annual conference of the Entomological Society of America, December, 1992, Baltimore, MD.
- The annual conference of the Entomological Society of America, December, 1993, Indianapolis, AN. (Participant).

- Workshop on Desert Studies in the Kingdom of Saudi Arabia, Scopes and concerns, King Saud University, Riyadh, 7-11/12/1987.
- The Third Symposium on date Palm in K.S.A., 17-20/1/1993
- The First Scientific Saudi Symposium on Controlled-Environment Agriculture, King Saud University Riyadh, 25-27/2/1992.
- Technical Seminar on Honey Standards, Testing Procedures and quality control, 25/5/1992.
- The Thirteenth Symposium on the Biological Aspect of Saudi Arabia, College of Agriculture and Veterinary Medicine, King Saud University, Burieda, 11-13/1992.
- -The First Scientific Saudi Symposium on Agriculture, 25-27/3/1997, College of Agriculture, King Saud University. (Organizer & Participant)
- Fifth International Symposium on Aphids.15-19/9/1997, Leon, Spain. (Participant).
- Sixth International Symposium on Aphids 6-10/9/2001, France
- Seven International Symposium on Aphids 2-7/10/2005, Fremantle, Australia.
- Insect Biodiversity Symposium 28/1-2/2/2006, India.
- Date palm Symposium 2007, King Faisal University.

C- Other Activities:

Committee

- 1- Member of using radiation in food preservation, SANST, 1990.
- 2- Member of control of palm red weevil, SANST, 1995-1996.
- 3- Chairman of the cultural, scientific and art committee, College of Agriculture, 1988.
- 4- Member of weed control committee, the Agriculture Research and Experimental station Council, 1988-1989.
- 5- Member of the committee of final examinations control for the second term of 1986 and the first term of 1987.
- 6- Member of the committee for the Plant Protection Department graduate curriculum improvement in 1992.

- 7- Member of committee for preparing frame-work for agriculture symposium,1994, KSU.
- 8- Member of organizing committee for the first Agriculture Symposium, 1997, KSU.
- 9- Chairman of computer center committee, Plant Protection Dept.1996-1997.
- 10- Member of apiary committee, Plant Protection Dept., 1997.
- 11- Member of committee for preparing the Ph.D curriculum for Plant Protection Dept., 1997.
- 12- Member of MS graduate student examination committee, Plant Protection Department, College of Agriculture, University of Uman, Jordan, 1991.
- 13- Member of Ph.D. graduate student examination committee, Zoology Dept., Girl College, Riyadh, 1994.
- 14- Chairman of MS graduate student examination committee, Plant Protection Department, College of Agriculture, KSU, 1995.
- 15- Chairman of MS graduate student examination committee, Plant Protection Department, College of Agriculture, KSU, 1996.
- 16- Member of MS graduate student examination committee, Plant Protection Department, College of Agriculture, KSU, 1997.

Councils

- 1 - The Plant Protection Department Council, from 1986 till now.
- 2- The College of Agriculture Council 1988-1989 and 1991-1993.
- 3- The Agricultural Research and Experimental Station Council, 1988.

Others

- 1-Co-investigator of the Research Project AR-9-36 titled “The Possible Reuse of Treated Municipal Waste Water in Agriculture Irrigation and its Associated Adverse Effects on Plants, Animal and Human” which was Sponsored by KASCT, 1988-1991.
- 2- Co-investigator of the Research Project AR-14-32 titled “Use of Irradiation Technology in Food Preservation ” which was sponsored by KASCT, 1995 till now.
- 3- Evaluation and review of some researches project supported by KASCT.
- 4- Evaluation and review of some researches project supported by Central Research at King Abdulaziz University .
- 5- Review some manuscripts submitted to J. King Saud University, Agric. Sciences.
- 6- Review some manuscripts submitted to Arab Gulf Journal of Scientific Research.
- 7- Sabbatical year working with Prof. I. A. Ilharco (Ories, Portugal) on Aphids.

Publications:

A: Scientific papers: -

1. Aldryhim, Y. N. (1990) Efficacy of the amorphous silica dust, dryacide, against *Tribolium confusum* Duv. and *Sitophilus granarius* (L.) (Coleoptera: Tenebrionidae and Cuculionidae). *J. Stored Prod Res.* 26: 207-210.
2. Aldryhim, Y. & Elshafei , A. (1991) Biology of *Hyper brunneipennis* (Bohemen) (Coleoptera: Curculionidae) in the central province of Saudi Arabia. *J. King Saudi Univ., Agric. Sci.* 3(1): 117-123.
3. Aldryhim, Y. (1991) Mallophaga of the domestic chicken in the central region of Saudi Arabia. *Emir. J. Agric. Sci.* 3:143-150.
4. Aldryhim, Y. & Elshafei, A. (1991) Seasonal abundance of the alfalfa weevil, *Hpera brunneipennis* (Boh.), in the central province of Saudi Arabia. *J. King Saudi univ., Agri. Sc.* 3(2): 269-277.
5. Aldryhim, Y. & Adam, A. E. (1992) The biology of *Trogoderma granarium* (Everts) (Coleoptera: Dermestidae) in the central province of Saudi Arabia. *J. King Saud Univ., Agri. Sci* 4(1):79-85.
6. Aldryhim, Y., Mills, C. W. & Aldawood, A. S. (1992) Ecological distribution and seasonally of darkling beetles (Coleoptera: Tenebrionidae) in the central region of Saudi Arabia. *J. Arid Enviro.* 23:415-422.
7. Aldryhim, Y. & Alyousif, A. (1992) Inspection of wheat grain samples delivered to the grain silos and flour mills organization in 1988-1989 with emphasis on insect infestation. *Arab Gulf J. Scient. Res.* 10(1): 65-75
8. Aldryhim, Y. (1993) Combination of classes of wheat and environmental factors affecting the efficacy of amorphous silica dust, Dryacide, against *Rhyzopertha dominica* (F.) *J. Stored Prod. Res.* 29(3):271-275.
9. Aldryhim, Y. (1993) Effects of the chicken body louse, *Menacanthus stramineus* (Nitz) (Mallophaga: Menoponidae), on production of the Saudi Arabia Baladi hens. *Emir. J. Agric. Sci.* 5:115-124.
10. Aldryhim, Y. & Khalil, A. Y. (1993) Influence of temperature and daylength on the population development of *Aphis gossypii* on *Cucurbita pepo*. *Entomol. exp. appl.* 67:167-172.
11. Aldryhim, Y. (1994) Seasonal abundance and biology of *Hypera postica* (Gyllenhal) (Coleoptera: Curculionidae) under irrigation from two different water sources. *Arab Gluf J. Scient. Res.* 12(3): 479-488.

12. Aldryhim, Y. & Khalil, A. F. (1995) Biological studies of melon aphid, *Aphis gossypii* Glover, on squash under field conditions. *J. King Saud Univ, Agric., Sci* 7(1): 75-83.
13. Aldryhim, Y. & Ilharco, F. A. (1996) *Sitobion asirum*, a new aphid species from the Asir Area, Saudi Arabia (Homoptera: Aphididae). *Fauna of Saudi Arabia* 15: 157-160.
14. Aldryhim, Y. & Khalil, A. F. (1996) Aphididae of Saudi Arabia. *Fauna of Saudi Arabia* 15: 161-196.
15. Aldryhim, Y. (1996) Population of *Rhopalosiphum padi* (L.) on wheat and *Myzus persicae* (Sulzer) on spinach under irrigation from two different water sources. *J. King Saud Univ., 8, Agric Sci.* (2), pp335-340.
16. Alfehade, A. A. & Aldryhim, Y. (1997) Factors affecting the efficiency of pheromone traps against *Tribolium castaneum*. *Res. Bull., Agr. Res. Center, King Saud Univ.* 68: 5-28 (In Arabic).
17. Aldryhim, Y. & Ilharco, F. (1997) Revision of Genus *Pseudaphis* (Homoptera: Aphididae), with the description of a new species from Saudi Arabia and Eritrea. *Fauna of Saudi Arabia.* 16: 237-245.
18. Almaicoshi, A. A., Aldryhim, Y. N. & Alsuhaibani, A. (1997) Effect of different rates of nitrogenous fertilization and irrigation on population density of *Aphis gossypii* Glover (Aphididae: Homoptera) on two ornamental plants. *Arab J. Pl. Prot.* 15(1): 10-15. (In Arabic).
19. Almaicoshi, A. A., Aldryhim, Y. N. & Alsuhaibani, A. (1997) Aphids of ornamental plants in Riyadh City. *Res. Bull., Agr. Res. Center, King Saud Univ.* 65:5-18.
20. Aldryhim, Y. First Record of Oviparous females of *Lipaphis erysimi* in Saudi Arabia and description its morphs. *J. King Saud Univ., Science.* 10(1): 53-57.
21. Aldryhim, Y. & Adam, E. (1998) Efficacy of irradiation against *Sitophilus granarius* (L.) (Coleoptera: Curculionidae) *J. Stored Prod. Res.* (In Press).
22. Aldryhim, Y. & Adam, E. (1998) Use of radiation disinfestation in the control *Oryzaephilus surinamensis* (L.): a pest of stored dry dates. *Saudi Biol. Soc.* (accepted for publication).
23. AlKahtani, H., Abu-Tarboush, H., Aldryhim, Y., Ahmed, M., Bajaber, A., Adam, S. & Elmojaddidi, M. (1998) Irradiation of Dates: Insect disinfestation, microbial and chemical assessment, and use of thermoluminescence technique. *Radiation Physics and Chemistry* 53: 181-187.
24. Aldryhim, Y. & Khalil, A. (1988) New in Aphids from Saudi Arabia. *J. King Saud Univ., Agric Sci.* 10(2) 252-262 (In Arabic).
25. Aldryhim, Y. Efficacy of irradiation against *Sitophilus granarius* (L.) (Coleoptera: Curculionidae). *J. Stored Prod Res.* 35:225-232.

26. Abu-Tarboush, H., Al-Kahtani, A., Aldryhim, Y. Ahmed, M. & Ahmed, S. (2001). Dessert locust *Schistocerca gregaria*: Proximate Composition, Physiochemical Characteristics of Lipids, Fatty Acids and Cholesterol Content and Nutritional Value of Protein. In Arabic. *J. King Saud Univ*, Vol. 13 *Agric. Sci* (1), pp 21-40.
27. Yousif Aldryhim & Amin Khalil (2000). Effect of humidity and soil types on the life and behavior of Red palm weevil. Proceedings of first workshop on control date palm red weevil.p 30-40
28. Yousif Aldryhim & Amin Khalil (2000). Effect of humidity and soil types on the life and behavior of Red palm weevil. Proceedings of first workshop on control date palm red weevil.p 30-40.
29. Yousif Aldryhim (2002) Survivorship and Reproductive Ability of *Callosobruchus chinensis* (Coleoptera: Bruchidae) Exposed to Gamma Radiation. *J. of the Saudi Society of Agricultural Sciences*. 1(2): 78-89.
30. Yousif Aldryhim & S. Al-Bukiri (2003) Effect of Irrigation on within-grove distribution off red palm weevil *Rhynchophorus ferrugineus*. *Agr. And Marine Siciences, Sultan Qaboos University*. 8(1): 47-49.
31. Yousif Aldryhim & Amin Khalil (2003) Effect of humidity and soil type on survival and behavior of red palm weevil *Rhynchophorus ferrugineus* adults. *Agr. And Marine Siciences, Sultan Qaboos University*. 8(2): 87-90
32. Yousif Aldryhim & Amin Khalil (2004) Host plant of *Aphis gossypii* in Saudi Arabia. Proceeding of the sixth international symposium on aphids.
33. Alomairine, A., Aldryhim, Y., Alsuhaibani, A. and Khalil, A. (2005) Entomofauna of Pepper Plants with Special Reference to the Seasonal Abundance of Whitefly Bemisia tabaci (Gennadius). *J. Saudi Soc. for Agri. Sci*. 4 (2): 56-67.
34. Abdullah S. Alomairine, Yousif N. Aldryhim and Ali M. Alsuhaibani (2005) Effect of pepper plant varieties and temperature on the population density and morphology of green peach aphid *Myzus persicae* (Sulzer). *Res. Bult. Food & Agri. Res. Center*. 138: 5-29.
35. Abdullah S. Alomairine, Yousif N. Aldryhim and Ali M. Alsuhaibani. The effect of pepper plant variety and temperature on the biology of green peach aphid *Myzus persicae* (Sulzer). *J. King Saud Univ Agric. Sci* (Accepted).
36. Al-Keridis, L., Aldryhim, Y and El-Youseef, E. 2006 **Efficacy of gamma** irradiation against Cowpea beetle *Callosobruchus maculatus* (F.). *Saudi J. Biological Sciences*.13(1): 13-19.
37. Aldryhim, Y., El-Youseef, E. and Al-Keridis, Y (2006). Efficiency of Sterilized **Gamma** Doses Against Cowpea Beetles *Callosobruchus*

maculatus (F.) (Coleoptera: Bruchidae). J. Saudi Soc. for Agri. Sci 5(1):9-19.

B: Books

- 1- Badawi, A. & Aldryhim, Y. (1991). *Pests of Stored grains and their control*. King Saud University Press. P. 207.
- 2- Alhamidi, Z. and Aldryhim, Y. N. (1997) Pests of Date Palm Tree (p 111-140). In Extension Book In Dates Plants. Extension Center. College of Agriculture, KSU. P. 250, Second Edition.
- 3- Alhamidi, Z. and Aldryhim, Y. N. (1989) Pests of Date Palm Tree. In Extension Book In Dates Plants. Extension Center. College of Agriculture, KSU. P. 217. First Edition.
- 4-Hindi, A. and Aldryhim, Y. (1989) Insect Pests of Wheat. In Extension Book on Wheat Plants. Extension Center. College of Agriculture, KSU. P. 103.
- 5-Aldryhim, Y. N. and Alsuhaibani, A. 1988. Manual of insects of medical importance and their control. A Text manual for third grade, Dept. of municipal health Inspection, General Organization for Technical Education and Vocational Training.
- 6-Aldryhim, Y. N. 1988. Laboratory manual of insects of medical importance. A Laboratory manual for third grade, Dept. of municipal health Inspection, General Organization for Technical Education and Vocational Training.

List of Courses that I teach:-

- 1- 343 Economic Entomology
- 2- 405 Field Training
- 3- 502 Insect Pests
- 4- 510 Recent Approaches in Pest control

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