

CIRRICULUM VITAE

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PERSONAL INFORMATION:

Born: Rio de Janeiro, Brazil, June 9, 1933.

EDUCATION: Ph.D. Entomology, Biological Control, Univ. of California, Riverside, 1969

B.S. Agronomy, Universidade Federal Rural do Rio de Janeiro, Brazil, 1961

PROFESSIONAL EXPERIENCE (post PhD):

1991- Director, Integrated Plant Protection Center (IPPC), and Professor of Entomology,

College of Agricultural Sciences, Oregon State University, Corvallis, Oregon

1969-1990. Entomologist, Illinois Natural History Survey; Professor of Entomology,

Department of Entomology, School of Life Sciences, and Professor of Agricultural

Entomology, College of Agriculture, University of Illinois at Urbana-Champaign.

1969-1969. Post-Doctoral Research Associate, University of California, Riverside.

RESEARCH INTERESTS:

Theory and practice of integrated pest management. Management of grain legume insect pests. Plant resistance to insects; insect/plant interactions, nutrition and chemical ecology of phytophagous insects. Comparative community ecology. International cooperation in integrated pest management. Bionomics of Strepsiptera.

PROFESSIONAL HONORS:

- Fellowships: John Simon Guggenheim Memorial Foundation, 1964, and 1968; Fulbright Travel Grant, 1966; Dry Lands Research Institute (Rockefeller Foundation at Riverside, California), 1966; Brazilian National Research Council, 1959-1966.

Honorary Doctor - Universidade Federal Rural do Rio de Janeiro, Brazil, 1993.

Emeritus Professor of Entomology, University of Illinois, Urbana-Champaign, 1991.

- Awards:

Prof. H. S. Lopes (Gold Medal, first place in graduating class), Universidade Rural do Rio de Janeiro, 1961.

Prof. H. S. Smith (distinguished student in Biological Control), Univ. of California, Riverside, 1968.

American Soybean Association / ICI Americas) Researcher Recognition Tour Award, 1984.

Eunice Rockwood Oberly Award, American Library Association, 1989, for the World Bibliography of Soybean Entomology (co-recipient).

Brazilian Entomological Society, 1998, special award for services in IPM.

USDA-ARS recognition for technology transfer in the use of pheromones for the areawide management of the codling moth, 1998 (co-recipient).

Federal Laboratory Consortium for Technology Transfer, 1999. For using pheromones to demonstrate areawide suppression of the codling moth (co-recipient).

1st Brazilian Soybean Congress and EMBRAPA (Brazilian Agricultural Research Enterprise), 1999, for contributions to the establishment of soybean IPM in Brazil.

Founders Memorial Lecture Award of the Entomological Society of America. Lecture presented at the Joint Annual Meeting of the Entomological Society of America and the Entomological Society of Canada, Montreal, Canada, December 3-7, 2000.

American Men and Women of Science; Longman's "Who's Who in Science".

Membership in editorial committees: Annual Review of Entomology (1984-1988), foreign correspondent (1992-); Entomologia Experimentalis et Applicata (1984-1989); Entomological Society of America Miscellaneous Publications (1985-1990); IPM Reviews (1994); Anais da Sociedade Entomologica do Brasil (1995-); Regional Editor – Integrated Pest Management Reviews (1997-)

- American Soybean Association: Member of the National Soybean Production Advisory Panel (1987-1990).

- XXI International Congress of Entomology (August 20-26, 2000), Foz do Iguassu, Brazil. Organizer of Session 14, IPM, and invited plenary speaker on "Sustainable Agriculture and Integrated Pest Management".

CONSULTANCIES:

1975-Consultant in Agricultural Entomology. Instituto Agronômico do Paraná, Paraná, Brazil. (January-March).
 1976-1977-Consultant in Soybean Insect Pest Management. Centro Nacional de Pesquisa da Soja, EMBRAPA, Londrina, Parana, Brazil. (February-March 1976 and July 1977).
 1977-1978 - Consultant in Soybean Entomology. Office of Rural Development, Suweon, Korea. (September 1977 and July 1978).
 1981- Member Soybean Germ Plasm and Biological Control Delegation to People's Republic of China. (August 7 to September 11).
 1982 - Consultant to the Consortium for International Crop Protection to help organize international conference on control of grain legumes pests. International Institute of Tropical Agriculture, Ibadan, Nigeria.
 1983 - Consultant to the "Centro Nacional de Pesquisas do Cerrado". Planaltina, Brasil. (April 1-15).
 1989-Consultant to the "Centro Nacional de Pesquisa de Soja", EMBRAPA, Londrina, Parana, Brazil. (February. 15-March 30).
 Consultant to the "Associação Nacional de Defensivos Agrícolas" (ANDEF). (April 12-28).
 São Paulo, São Paulo, Brazil.

PUBLICATIONS (Relevant publications last 10 years- * denotes refereed papers)

- *Fischer, D. C., M. Kogan, and J. Paxton . 1990. Deterreny of Mexican bean beetle (Coleoptera: Coccinellidae) feeding by free phenolic acids. *J.Entomol.Sci.* 25:230-238.
- *Fischer, D. C., M. Kogan, and J. Paxton . 1990. Effect of gliceollin, a soybean phytoalexin, on feeding by three phytophagous beetles (Coleoptera: Coccinellidae and Chrysomelidae): Dose vs. response. *Environ.Entomol.* 19:1852-1857.
- *Fischer, D.C., M.Kogan, and P.Greany. 1990. Inducers of plant resistance to insects. Pages 257-280, in E. Hodgson and R.J.Kuhr, eds., *Safer Insecticides: Development and Use*. Marcel Dekker. New York. 593 pp.
- *Lin, H.C. and M.Kogan. 1990. Influence of induced resistance in soybean on the development and nutrition of the soybean looper and the Mexican bean beetle. *Entomol.Exp.Appl.* 55:131-138.
- *Lin, H.C., M.Kogan, and A.G.Andress. 1990. Influence of ozone on induced resistance in soybean to the Mexican bean beetle, *Epilachna varivestis* Mulsant (Coleoptera: Coccinellidae). *Environ. Entomol.* 19:854-858.
- *Lin, H.C., M.Kogan, and D.C.Fischer. 1990. Induced resistance in soybean the Mexican bean beetle (Coleoptera: Coccinellidae): Comparison of inducing factors. *Environ. Entomol.* 19:1852-1857.
- Kogan, M. 1991. Contemporary adaptations of herbivores to introduced food legume crops. Pages 591-605, In P. Price, et al., eds. *Plant-Animal Interactions: Evolutionary Ecology of Tropical and Temperate Regions*. Wiley, New York. 639 pp.
- Kogan, M., and D. C. Fisher. 1991. Inducible defenses in soybean against herbivorous insects. Pages 347-378, in M. J. Raupp and D. W. Tallamy, eds. *Phytochemical Induction by Herbivores*. Wiley, New York. 431 pp.
- *Helm, C.G, M. Kogan, D.W. Onstad, L.M. Wax, and M.R. Jeffords. 1992. Effects of velvetleaf competition and defoliation of soybean looper (Lepidoptera: Noctuidae) on yield of indeterminate soybean. *J.Econ.Entomol.* 85:2433-2439.
- *Kogan, M. 1992. The genus *Cerotoma* (Coleoptera:Chrysomelidae): Adaptive strategies to grain legume defenses. Pages 95-106, in M. Shiyomi, E. Yano, H. Koizumi, D. A. Andow, and N. Hokyo, eds. *Ecological Processes in Agro-Ecosystems*. Nat. Inst. Agro-Environmenatl Sciences (NIAES) ser. 1. Yokendo, Tokyo. 242 pp.
- *Kogan, M. and J. D. Lattin. 1993. Insect conservation and pest management. *Biodiversity and Conservation* 2:242-257.
- Kogan, M. and D. McGrath. 1993. Integrated pest management: Present dilemmas and future challenges. *Anais 14^o Congresso Brasileiro de Entomologia*. Piracicaba, S.P., Brazil. pp 1-16.
- Kogan, M. 1994. Plant resistance in pest management (revised). Pages 73-128, in R.L. Metcalf and W.H. Luckmann, eds. *Introduction to Insect Pest management*, 3rd Edition. Wiley, New York.
- Kogan, M. S.G.Turnipseed, and L.P.Pedigo. 1994. Sampling arthropod populations in soybean. Pages 111-113, in L.G.Higley and D.J.Boethel, eds. *Handbook of Soybean Insect Pests*. Entomol. Soc. Amer., Lanham, Maryland. 136 pp.
- Ruesink, W.G. and M. Kogan. 1994. The quantitative basis of pest management: Sampling and Measuring. Pages 355-391, in R.L. Metcalf and W.H. Luckmann, eds. *Introduction to Insect Pest management*, 3rd Edition. Wiley, New York.
- Turnipseed, S.G. and M. Kogan. 1994. Principles and history of soybean pest management. Pages 109-110, in L.G.Higley and D.J.Boethel, eds. *Handbook of Soybean Insect Pests*. Entomol. Soc. Amer., Lanham, Maryland. 136 pp.

- Kogan, M. and R. Drapek. 1995. Risk and pest management. *VI Encontro Fitossanitario*, Caxambu, MG, Brazil. 17pp.
- McPherson, R.M., T.P. Mack, J.E Funderburk, M.G. Miller, D.J. Boethel, C.G. Hel, M. Kogan, L. Lambert, L. Lentz, M. Sullivan, and M.O. Way. 1996. *A Multi-State Field Evaluation of Arthropod Pest Resistance in Soybean and Impact on Natural Enemies*. So.Coop. Ser., Bull., RRP S-255, Tifton, GA. 56 pp.
- Kogan, M. 1996. Areawide management of major pests: Is the concept applicable to the *Bemisia* complex ? Pages 643-657 in D. Gerling and R.T. Mayer, eds. *Bemisia 1995: Taxonomy, Biology, Damage, Control and Management*. Intercept, London. 702 pp.
- Kogan, M. 1997. Strategy for integrated pest management expansion in the tropics. World Soybean Research Pages 223-228, In B. Napompeth, ed. *Soybean Feeds the World*. Proceedings World Soybean Conference V. Chiang Mai, Thailand. February, 1994. 581 pp.
- Kogan, M., M. Irwin, J. Sinclair, and F. Slife. 1997. *Major World Soybean Diseases, Weeds and Insect Pests: A Diagnostic Pictorial Atlas*. National Soybean Research Laboratory, Pub. No. 3. Coll. Of Agricultural, Consumer and Environmental Sciences, University of Illinois at Urbana-Champaign, Urbana, Illinois. xvi+5 pp.
- Sinclair, J.B., M. Kogan, and M.D. McGlamery. 1997. *Guidelines for the Integrated Management of Soybean Pests*. National Soybean Research Laboratory, Pub. No. 2. Coll. Of Agricultural, Consumer and Environmental Sciences, University of Illinois at Urbana-Champaign, Urbana, Illinois. 48 pp.
- *Kogan, M. 1998. Integrated Pest Management: Historical perspectives and contemporary developments. *Ann. Rev. Entomol.* 43:243-270.
- Kogan, M., B.A. Croft and R.F. Suthurst. 1999. Applications of ecology for Integrated Pest Management. Pages 681-736, in C.B. Huffaker and A. Gutierrez, ed. *Ecological Entomology*, 2nd edit. Wiley, New York. 756 pp.
- *Kogan, M. and W. I. Bajwa. 1999. Integrated Pest Management: A global reality? *An. Soc. Entomol. Brasil.* 28:1-25.
- * Kogan, M. 1999. Integrated pest management: Constructive criticism or revisionism? *Phytoparasitica* (Guest editorial) 27:93-96.
- Kogan, M. and J. D. Lattin.1999. Agricultural systems as ecosystems. Pages 1-33, in J. Ruberson, ed. *Handbook of Pest Management*. Marcel Dekker, N.Y. 864 pp
- Kogan, M., D. Gerling, and J. V. Maddox. 1999. Enhancement of biological control in annual agricultural environments. Pages 789-818 in, T. Bellows et al., eds. *Handbook of Biological Control*. Academic Press, New York
- Kogan, M., S. De Bortoli, and C.G. Helm. 1999. Soybean resistance and IPM: Testing the vulnerability of improved varieties. Pages 267-274, in Abstracts: 1st. Brazilian Soybean Congress. Londrina, Parana', Brazil.
- *Norris, R.F., and M. Kogan. 2000. Interactions between weeds, arthropod pests, and their natural enemies in managed ecosystems. *Weed Sci.* 48:94-158.
- *Armer, C.A., R.E. Berry, and M. Kogan. 2000. Longevity of phytophagous heteropteran predators feeding on transgenic BTT-potato plants. *Entomol. Exp. & Appl.* 95:329-333.

Electronic Publications

- Berry, R.E., L.B. Coop, G. Fisher, and M. Kogan. 1995. Insect pest management in peppermint (IPMP) - (version 2). IPPC Software Pub. CS195. Five diskettes.
- Bajwa, W.M. and M. Kogan. 1997. Compendium of IPM Definitions. <<http://ippc.orst.edu/IPMdefinitions/>>.
- Bajwa, W.M.(author); M. Kogan, L. Coop, G. Schafers, R. Stinner (technical supervision). 1996 and monthly updates. Database of IPM Resources. <<http://ippc.orst.edu/cicp/>>.
- Bajwa, W.M., M. Kogan, and A. Deutsch. 1997. Database of IPM Textbooks. <<http://ippc.orst.edu/ipmtextbooks/index.html>>.