

Rodrigo Rodríguez-Kábana

Distinguished University Professor

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PROFESSIONAL EXPERIENCE

- Professor, Auburn University, 1976-present.
- Associate Professor, Auburn University, 1975-1976.
- Assistant Professor, Auburn University, 1970-1974.
- Post-Doctoral, Auburn University, 1965-1969.

EDUCATION

Foreign Language Proficiency

Fluent (read, write, converse) in Spanish and French; Read and write German; Read: Italian and Portuguese.

Institution	Location	Degree	Dates
Louisiana State University	Baton Rouge, LA	B.S. Agronomy	1961
Louisiana State University	Baton Rouge, LA	M.S. Soil Microbiology	1962
Louisiana State University	Baton Rouge, LA	Ph.D. Plant Pathology	1965

PROFESSIONAL ASSOCIATION ACTIVITIES

Member, Organization of Nematologists of Tropical America [ONTA]-1977-2002.

President, ONTA, 2001-2002.

ONTA Representative to the Organizing Committee of the IV International Congress of Nematology, serving in the Program and in the Local Arrangements Committee, 1998 - 2002.

ONTA Chairman of the Program Committee for the Third International Nematology Congress, 1993 -1995.

ONTA Representative to the Organizing Committee of the Second International Congress of Nematology, 1989-1990.

Elected President, ONTA, 1985-1986.

ONTA Representative to the Organizing Committee of the First International Congress of Nematology, 1985-1986.
Elected Vicepresident, ONTA, 1984.
Business Manager ONTA, 1984.
Editor-in-Chief of *nematologica*, the Scientific Journal of ONTA, 1977-1981.
Chairmanship Special Publications, ONTA.

Member, Methyl Bromide Technical Options Committee [MBTOC] sub-committee on soil fumigation of the United Nations Montreal Protocol on Atmosphere's Ozone Problem, 1993-present.

Co-Chairman, MBTOC, 1993-1999.

Member, American Phytopathological Society [APS] (National and Caribbean Division), 1979-present.

Elected Councilor for the Caribbean Division of APS, 1979-1981.

Re-elected Councilor for the Caribbean Division of APS, 1984-1987.

Honors and Awards Committee.

Tropical Plant Pathology Committee.

Biological Control Committee.

Member Society of Nematologists [SON], 1987-present.

President-elect, SON, 1987.

President, SON, 1988.

Awards Committee, SON.

Ecology Committee, SON.

Biological Control Committee, SON.

Archives Committee, SON.

Elected President of the Inter-Society Consortium for Plant Protection (APS, Weed Science, SON), 1988-1989.

Member, American Association for the Advancement of Science.

Member, American Peanut Research and Education Association.

Member, Sociedad Latinoamericana de Fitopatología.

Member, European Society of Nematology.

Member, AfroAsian Society of Nematologists.

Associate Editor, *Journal of the Afro-Asian Society of Nematology*.

Member, Southern Soybean Disease Workers.

Senior Editor, *Plant Disease*, 1987-1989.

Member, Russian Society of Nematologists.

Associate Editor, *Tussian Journal of Nematology*, 1991-Present.

Member, South African Society of Nematologists.

Member, Brazilian Society of Nematologists.

Associate Editor, Plant and Soil, 1984-1996.

Associate Editor, Biological Control, 1989-1997.

Honor Societies

- Alpha Zeta
- Gamma Sigma Delta
- Phi Eta Sigma
- Phi Kappa Phi
- Sigma Xi

AWARDS AND HONORS

- 2002 - Recognition Award for services rendered as ONTA president and in the organization of the IV International Congress of Nematology.
- 2001 - Recognition Award for the organization of the XXXII Annual Meeting of the Organization of Nematologists of Tropical America held at Auburn, 16-22 April, 2000.
- 2000 - Elected member of the Governing Board for the International Federation of Nematological Societies.
- 1998 - Invited by the U.S. House of Representatives to present expert testimony on Replacement of Methyl Bromide for Soil Treatment.
- 1997 - U.S. Environmental Protection Agency Award for Contributions to the Solution of the Ozone Layer Problem.
- 1997 - Fellow of the Afro-Asian Society of Nematology.
- 1996 - Recognition Award for Services Rendered to the Third International Nematology Congress.
- 1995 - Distinguished University Professor, Auburn University.
- 1995 - Best "Palestrante" Award of the Brazilian Society of Nematology meeting at Aiguas Quentes, June 4-9, 1995. This award is highly competitive and given to the person who presents the best paper at the annual meeting of the society.
- 1994 - Appointed member of Council for International Exchange of Scholars Committee (Fulbright) on southern Europe.
- 1994 - Recipient of 1994 Senior Research Award from the Spanish Ministry for Education and Science for a 4-month stay at IRTA, Barcelona, Spain, to continue work on utilization of industrial wastes for suppression of phytonematodes and other soilborne plant pathogens.

- 1993 - Recipient of the Humboldt Senior Research Award for a 6-month stay in Germany at the University of Bonn in the laboratory of Dr. Richard A. Sikora. The award was granted by the Alexander von Humboldt-Stiftung for the period June - December 1993.
- 1993 - Appointed chairman of the soil fumigation subcommittee of United Nations Methyl Bromide Technical Options Committee.
- 1992 - Recipient of a Fulbright Senior Research Award for a 4-month stay in the 1992-1993 academic year at the Institut de Recerca i Tecnologia Agroalimentaries, Cabrils, Barcelona, Spain.
- 1992 - Recipient of the 1992 American Peanut Research and Education Association Senior Research Award for outstanding contributions to agriculture, science, and the peanut industry.
- 1992 - Recipient of the 1992 Rhone-Poulenc Award of the Organization of Tropical American Nematologists.
- 1990 - Awarded a Research Fellowship by the Spanish Ministry of Science and Education to do studies on the utilization of agricultural and industrial waste products. The award was highly competitive and provided for four months stay (November-March, 1990) at the Institut de Recerca i Tecnologia Agroalimentaries (IRTA) at Cabrils, Barcelona, Spain.
- 1990 - Fellow of the Society of Nematologists.
- 1990 - Honorary member - Organization of Nematologists of Tropical America.
- 1989 - Fellow of the American Phytopathological Society.
- 1989 - Distinguished graduate faculty lecturer, Auburn University.
- 1986 - Ciba-Geigy Award, Society of Nematologists.
- 1985 - Distinguished Service Award, Southern Soybean Disease Workers.
- 1982 - Distinguished Service Award, Organization Nematologists Trop. Amer.
- 1981 - Director's Senior Research Award for outstanding research leading to solution of nematological problems of peanuts and soybean farmers in Alabama and the Southeast.
- 1981 - ICI Americas National Research Recognition Award in recognition of significant contributions to the soybean industry.
- 1970 - Alumni Faculty Professorship for a 5-year period 1970-1975. This appointment included a tax-free salary supplement of \$2000 per annum and was awarded for outstanding achievements in research, teaching, and related scholarly activities.

UNIVERSITY ACTIVITIES

- Task Force on Regional Research and Outreach Centers.
- Cultural Diversity Committee.
- Water Resources Council.
- Air Pollution Committee (Chairman).
- Grant-in-Aid Committee.
- IR-4 Committee (Chairman).
- Pesticide Curriculum Committee.
- Academic Credentials Committee.

VISITING PROFESSORS HOSTED (PROFESSORS WHO SPENT SABBATICAL LEAVES AT AUBURN)

- 1996 - Jorge Pinochet, Researcher, IRTA, Cabrils, Barcelona, Spain. Sabbatical leave supported by the Spanish Ministry for Education and Science.
- 1996 - Dr. Cinta Calvet, Researcher, IRTA, Cabrils, Barcelona, Spain. Sabbatical leave supported by the European Scientific Exchange - Fellow Award.
- 1994-1996 - Dr. Johannes Hallman, Institut für Pflanzenkrankheiten der Rhein. Friedrich-Wilhelms-Universität, Bonn, Germany. Fellow of Alexander von Humboldt - Stiftung.
- 1993 - Dr. Victoria Estaún, Researcher, IRTA, Cabrils, Barcelona, Spain. European Scientific Exchange Fellow Award.
- 1988-1989 - Dr. Roberto García Espinosa, Professor and Head, Departamento de Fitopatología, Escuela de Postgraduados, Montecillos, México.
- 1987 - Dr. Ilan Chet, Professor of Plant Pathology, School of Agriculture, The Hebrew University, Rehovot, Israel.
- 1985 - Dr. Armel Toribio, Institut Nationale de la Recherche Agricole (INRA), Guadeloupe, France. French Government Award.
- 1984 - Dr. Abdel Rehim, Professor of Plant Pathology, Faculty of Agriculture, University of Alexandria, Egypt.
- 1983 - Dr. Marvin K. Beute. Professor of Plant Pathology, Department of Plant Pathology, North Carolina State University, Raleigh, N.C.

INVITED INTERNATIONAL TALKS (LAST 15 YEARS)

- February 9-16, 1986. Invited speaker to the 2nd. International Congress on Biological Control of Nematodes at Laguna, Philippines. Title of talk: "The Design of Amendments for Control of Nematodes".
- August 6-8, 1986. Chairman of the 4th. Working Section on Soil Biology of the International Symposium sponsored by PLANT AND SOIL Wageningen, Netherlands.

Title of paper: "Biological Control of Nematodes: Soil Amendments and Microbial Antagonists".

- October 13-16, 1987. Invited Speaker at the First International Course on Nematology Sponsored by ONTA and the University of Chile at Santiago. Title of talk: "The management of Nematodes: Cultural Practices and Quantitative Aspects".
- August 20-27, 1988. Invited Presentation at the Fifth International Congress of Plant Pathology, Kyoto, Japan. Title of Presentation: "Crop Rotations for the Management of Root-Knot Nematodes in Peanut".
- March 5-9, 1989. Invited speaker to the IV World Soybean Research Conference at Buenos Aires, Argentina. Title of Presentation: "The Management of Plant-Parasitic Nematodes in Soybeans: Rotations and Population Dynamics".
- May 16-18, 1989. Invited speaker to the Congress on Suppressive Soils sponsored by the Concejo Superior de Investigaciones Científicas and the University of La Laguna, Tenerife, Canary Islands. Title of Presentation: "El Concepto de Suelos Supresores: Evolución de Estos Estudios en los Estados Unidos".
- July 22-29, 1989. Presented a "Magister's Conference" at the invitation of the Mexican Phytopathological Society at the 30th Annual Meeting at Montecillos. Title of Presentation: "Management of Root Disease with Crop Rotations and Organic Amendments".
- August 11-17, 1990. Invited speaker to the Second International Nematology Congress, at Veldhoven, The Netherlands. Title of Presentation: "Cropping Systems for the Management of Phytonematodes".
- April 22-28, 1991. Invited speaker to the IV Jornada Técnica on Diseases and Pests of Horticultural Crops, sponsored by the Universidad de La Laguna and the Cabildo Insular de Tenerife, Canary Islands, Spain. Title of Presentation: "La Protección de los Vegetales en un Modelo de Agricultura Sostenible"
- September 26-28, 1991. Invited speaker to the Primera Jornada Científica de Protección Vegetal at Santo Domingo, Dominican Republic, sponsored by Universidad Autónoma de Santo Domingo. Title of Presentations: (1) "Control Biológico de Fitonematodos" (2) "Sistemas de cultivos y el manejo de fitonematodos y de otros patógenos de origen edáfico".
- April 27-May 1, 1992. Invited speaker to a Symposium on Nematode Control: Current Status and Perspectives at the XXIV Annual Meeting of the Organization of Nematologists of Tropical America. Title of Presentation: Integrated pest management.
- October 1992. Invited by the Consejo Superior de Investigaciones Científicas to present a seminar in Madrid, Spain. Title of Presentation: "La protección de cultivos y su repercusión sobre la capa de ozono".
- October 1992. Invited by the Escuela Técnica Superior de Ingenieros Agrónomos at the Universidad Politécnica de Madrid, Madrid, Spain, to present a seminar. Title of Presentation: "Los sistemas de rotación en un modelo de agricultura ecológica".

- November 1992. Invited by Dr. J. M. Barea, Director of the El Zaidin Agricultural Experiment Station in Granada, Spain to present a seminar. Title of Presentation: "Control Biológico de Nematodos".
- October 22, 1992. Presented invitational talk at the International workshop on alternatives to methyl bromide for soil fumigation, held in Rome, October 21-23. Title of Presentation: "A proposal to begin reduction of methyl bromide emissions in soil fumigation".
- April 20, 1993. Presented talk at the invitation of the Consejo Superior de Investigaciones Científicas in Madrid, Spain. Title of Presentation: "El Bromuro de Metilo y la Destrucción de la Capa de Ozono de la Atmósfera."
- April 22, 1993. Presented seminar in Valencia, Spain at the invitation of the Conselleria d'Agricultura e Pesca. Title of Presentation: "Los Sistemas de Cultivo y el Manejo de Enfermedades de Origen Edáfico."
- April 27, 1993. Presented talk at the invitation of Universidad de La Laguna in Tenerife, Canary Islands, Spain. Title of Presentation: "Control Biológico de Enfermedades de Origen Edáfico" as part of the V. Seminario de Fitopatología.
- April 29, 1993. Presented talk at the invitation of the Fundación para la Agricultura Ecológica at Villa de Mazo, La Palma, Canary Islands, Spain. Title of Presentation: "Métodos y Técnicas de Agrosistemas Tradicionales. Sus Importancias para la Agricultura Ecologica".
- November 30, 1993. Presented talk within a Wissenschaftlichen Colloquium of the Freundeskreis Institut für Pflanzenkrankheiten at Bonn University. Title of Presentation: "Biologische Kontrolle bodenbü rtiger phytopathogener Pilze-Möglichkeiten und Grenzen".
- January 20, 1994. Presented talk in a Symposium on Panama Disease of Banana at Los LLanos de Aridane, La Palma, Canary Islands, Spain. The symposium was sponsored by the provincial government of the Canary Islands and the Organization of Tropical American Nematologists. Title of Presentation: Interactions among *Fusarium oxysporum* f. sp. *cubense*, plant parasitic nematodes and the banana weevil (*Cosmopolites sordidus*).
- April 13-15, 1994. Delivered two talks within a Symposium on "Protección Integrada en tránsito hacia la producción biológica de máxima calidad" (Integrated Pest Management Towards Highest Quality Biological Production). The Symposium was sponsored by the Conselleria de Agricultura de la Comunidad Valenciana, and took place at Valencia, Spain. Title of Presentations: (1) Valor sanitario de asociaciones y rotacionesl. (2) Efecto del bromuro de metilo sobre el medio ambiente.
- May 16, 1994. Delivered talk within a symposium on Biological Control in Soil: Pests, Diseases, and Nematodes. The Symposium formed part of the First Congress on Biological Control of the Southern Cone Countries, held at Gramado (May 15-20th, 1994), Rio Grande do Sul, Brazil. Title of Presentation: Biological control of soilborne pathogens and nematodes: the effects of soil amendments on microbial ecology and disease.

- May 25, 1994. Delivered invitational seminar at the EMBRAPA center at Itaigui, Rio de Janeiro, Brazil. Title of Presentation: Organic amendments and cultural practices for control of plant parasitic nematodes and other soilborne plant pathogens.
- May 27, 1994. Delivered invitational seminar at the EMBRAPA center at Belem, Para, Brazil. Title of Presentation: Crop rotations and intercropping for the management of nematodes and other soilborne pathogens.
- July 7, 1994. Delivered invitational seminar at the Centro de Pesquisas Agronomicas de Paraná, at Londrina, Paraná, Brazil. Title of Presentation: Crop rotations and organic amendments for the management of soilborne pathogens within sustainable agricultural systems.
- October 18-21, 1994. Attended the VII Congreso de la Sociedad Española de Fitopatología held at Sitges, Barcelona Spain. Presented an invitational paper within a round table on "Los retos de la fitopatología en la agricultura sostenible" (Phytopathological challenges in sustainable agriculture). Title of paper: "Control biológico, verdad o ficción" (Biological control, truth or fiction).
- November 16-18, 1994. Attended and presented invitational paper at the II International Symposium on Agroecology, Sustainability and Education, held at San Luis de Potosí, Mexico, sponsored by the Rockefeller Foundation, UC Mexus, Conacyt and Universidad de San Luis Potosí. Title of paper: "Valor fitosanitario de las prácticas agronómicas y cambios de cultivos" (Phytopathological value of agronomic practices and crop rotations).
- March 13-15, 1995. Invited by the Zeneca Corporation, N. Carolina to present two talks. Title of Presentations: (1) "Biological control of plant parasitic nematodes" (2) "Crop rotations, cultural practices, and the use of nematicides for the management of nematode problems".
- April 2-9, 1995. Invited by Dr. Ronald Ferrera to present a series of seminars at the Colegio de Postgraduados, Montecellos, México. Title of presentations: (1) "Organic amendments to soil for control of nematodes and other soilborne pathogens: effects on microbial populations and soil enzymatic activities." (2) "Cropping systems and cultural practices for the management of soilborne plant pathogens: effects on microbial activities and induction of soil suppressiveness to plant parasitic nematodes and other pathogens." (3) "Biological control of nematodes: present status and prospects." (4) "Alginate film techniques for delivery of pathogen inoculum and study of microbial activities in soil."
- May 9-10, 1995. Invited by American Cyanamid, Princeton, N. J., to present seminar. Title of Presentation: "Overview of current nematicide use in the southern United States and tropical America."
- June 19-24, 1995. Presented two seminars at scientific meetings between a group of Auburn University researchers and mexican colleagues at the Colegio de Postgraduados, Montecillo, México. Title of Presentation: (1) "Cropping systems and cultural practices for the management of nematodes and other soilborne pathogens". (2) "Soil enzyme activities for the assessment of the effects of cropping systems and cultural practices on microbial activities and soil fertility".

- April 29-30, 1996. Presented an invitational seminar within a meeting on "Alternativas al Bromuro de Metilo en Agricultura"[Alternatives to Methyl Bromide in Agriculture], at Almería, Spain. Title of Presentation: Alternativas no Químicas al Bromuro de Metilo en el Control de los Patógenos del Suelo. Lineas Prioritarias de Investigación. [Non-chemical Alternatives to Methyl Bromide for Control of Soilborne Pathogens. Research Priorities].
- July 7-12, 1996. Attended the Third International Nematology Congress at Gosier, Guadeloupe, French West Indies, and presented an invitational paper within a symposium on Suppressive Soils. Title of Presentation: Cropping Systems - Management of Soil Suppressiveness for Nematode Control.
- August 11-16, 1996. Attended the Annual "Congresso Brasileiro de Fitopatologia" at Campo Grande, Matto Grosso Sud presenting an invitational paper within a symposium on Biologia e Manejo do Nematode de Cisto da Soja [Biology and Management of the Soybean Cyst Nematode] Title of Presentation: Effect of cultural practices on the soybean cyst nematode.
- August 21, 1996. Presented invitational seminar at EMBRAPA Center, at Londrina, State of Parana, Brasil. Title of Presentation: The management of soybean cyst nematode through cropping systems.
- October 21-23, 1996. Attended, helped to organize and presented a keynote address and an invitational paper at the First Brazilian Meeting on Alternatives to Methyl Bromide in Agricultural Systems, at Florianópolis, Santa Catarina, Brazil. Title of Presentations: (1) "Protocolo de Montreal e MBTOC/Montreal [Montreal Protocol and MBTOC]". (2) "Alternativas ao brometo de metila no mundo [Alternatives to methyl bromide in the world]".
- November 4-6, 1996. Attended the Second Annual International Research Conference on Methyl Bromide and Emissions Reduction, at Orlando, Florida, presenting an invitational paper within a symposium on "Sustainable Agriculture and Alternatives to Methyl Bromide". Title of Presentation: Cropping Systems and the Management of Soil Suppressiveness for Nematode Control.
- March 7-19, 1997. Presented two keynote addresses at the biennial meeting of the Nematological Society of South Africa, at San Lameer, Natal, Republic of South Africa. Title of presentations: (1) "Management of nematodes by the use of botanical aromatic compounds". (2) "Suppressive cropping systems for the management of nematode problems".
- April 9-12, 1997. Presented an invitational talk at the Southern European Meeting on Alternatives to Methyl Bromide in Arona, Tenerife, Canary Islands, Spain. Title of presentation: "Cut flower production without methyl bromide in Colombia"
- April 28, 1997. Presented invitational talk in a Sustainable Agriculture Training Workshop at Alexandria, Louisiana. Title of presentation: "Soil amendments and their effect on commodities"
- June 9-13, 1997. Presented an invitational keynote address at the First International Workshop of Afro-Asian Nematologists in Menoufiya University, Egypt. Title of

presentation: "Nematode management with cropping systems and sustainable agriculture programs".

- June 19-20, 1997. Presented a talk in a workshop on integrated banana production at Arona, Tenerife, Canary Islands, Spain, at the invitation of COSLO [Association of Banana Producers]. Title of presentation: "Bases para la produccion integrada en el cultivo del platano" [Bases for integrated banana production].
- June 29-July 4, 1997. Attended the XXIX Annual Meeting of the Organization of Nematologists of Tropical America [ONTA] at Cancun, Mexico, where I organized and chaired a symposium on non-chemical methods for the management of plant parasitic nematodes and presented an invitational paper. Title of presentation: "Suppressive soils, cropping systems, organic amendments, naturally occurring fumigant compounds and practical biological control".
- August 2-9, 1997. Visited the University of Chiapas in southern Mexico and presented an invitational seminar. Title of presentation: "Suppressive soils".
- August 22-30, 1997. Attended the Second English Language Congress of the Russian Society of Nematology in Moscow, Russia, and presented an invitational keynote address. Title of presentation: "Crop rotations for the management of plant parasitic nematodes".
- September 28-29, 1997. Visited the Economic Analysis Section of the Environmental Protection Agency and presented a seminar. Title of presentation: "Suppressive cropping systems and natural fumigant compounds for the management of plant parasitic nematodes and other soil-borne pathogens".
- October 30-31, 1997. Attended a UNIDO sponsored seminar on Alternatives to Methyl Bromide in Ensenada, Baja California, Mexico, where I gave an invitational talk. Title of presentation: "Analisis de alternativas para el bromuro de metilo. Ventajas y Desventajas" [Analysis of alternatives to methyl bromide. Advantages and Disadvantages].
- September 26-28, 2000. Delivered an Invitational Presentation at the 10th Southern States Annual Environmental Conference and Exhibition, at Biloxi, Mississippi. Title of Presentation: Methyl Bromide and the Ozone Layer: Problems and Opportunities for Development of Alternative Pest Control Treatments.
- March 5-8, 2002. Delivered an Invitational Presentation at the III International Conference on Alternatives to Methyl Bromide, at Seville, Spain. Title of Presentation: Sodium Azide for Soil Pest Control in Crops with few or no Alternatives to Fumigation with Methyl Bromide.
- June 8-13, 2002. Delivered the Keynote Opening Conference at the Plenary Session of the IV International Congress of Nematology, at Arona, Tenerife, Canary Islands, Spain. Title of Conference: Suppressiveness of Soils Against Pathogens: Biodiversity and Nematology.
- June 8-13, 2002. Delivered an invitational symposium presentation at the IV International Congress of Nematology, at Arona, Tenerife, Canary Islands, Spain. Title of Presentation: Soil Fumigation: New Uses for Old Chemicals and New Compounds.

RESEARCH PUBLICATIONS

Refereed Journal Articles:

- Calvet, C., J. Pinochet, A. Camprubi, V. Estaun, and **R. Rodríguez-Kábana**. 2001. Evaluation of natural chemical compounds against root-lesion and root-knot nematodes and side-effects on the infectivity of arbuscular mycorrhizal fungi. *European Journal of Plant Pathology* 107: 601-605.
- Fernandez, C., **R. Rodríguez-Kábana**, Prem Warrior, and J. S. Kloepper. 2001. Induced soil suppressiveness to a root-knot nematode species by a nematicide. *Biological Control* 22: 103-114.
- Taylor, C. R., and **R. Rodríguez-Kábana**. 1999. Population dynamics and crop yield effects of nematodes and white mold in peanut, cotton and velvetbean. *Agricultural Systems* 59: 177-191.
- Hallmann, J., **R. Rodríguez-Kábana** and J. W. Kloepper. 1999. Chitin-mediated changes in bacterial communities of the soil, rhizosphere and internal roots of cotton in relation to nematode control. *Soil Biology and Biochemistry* 31: 551-560.
- **Rodríguez-Kábana, R.**, W.S. Gazaway, D.B. Weaver, P.S.King, and C.F. Weaaver. 1998. Host suitability of selected tropical legumes and other crops for the reniform nematode *Rotylenchulus reniformis* Linford and Oliveira, 1940. *Nematropica* 28 (2): 195-203.
- Chavarría-Carvajal, J.A., and **R. Rodríguez-Kábana**. 1998. Alginate films for assessment of parasitism of *Meloidogyne incognita* eggs in soils treated with organic amendments. *Nematropica* 28 (1):41-48.
- Chavarría-Carvajal, J.A., and **R. Rodríguez-Kábana**. 1998. Changes in soil enzymatic activity and control of *Meloidogyne incognita* using four organic amendments. *Nematropica* 28 (1);7-18.
- Hallmann, J., A. Quadt-Hallmann, **R. Rodríguez-Kábana**, and J.W. Kloepper. 1998. Interactions between *Meloidogyne incognita* and endophytic bacteria in cotton and cucumber. *Soil Biol. Biochem.* 30:925-937.
- Guertal, E.A., E.J. Sikora, A.K. Hagan, and **R. Rodríguez-Kábana**. 1998. Effect of winter cover crops on populations of southern root-knot and reniform nematodes. *Agriculture, Ecosystems and Environment* 70:1-6.
- Bauske, E. M., P. A. Backman, K. M. Harper, P. M. Brannen, **R. Rodríguez-Kábana**, and J. W. Kloepper. 1997. Effect of botanical aromatic compounds and seed-surface *pH* on growth and colonization of cotton plant growth-promoting rhizobacteria. *Biocontrol Science and Technology* 7: 415-421.

- Marull, J., J. Pinochet, and **R. Rodríguez-Kábana**. 1997. Agricultural and municipal compost residues for control of root-knot nematodes in tomato and pepper. *Compost Science and Utilization* 5: 6-15.
- Hallmann, J., J. W. Kloepper, and **R. Rodríguez-Kábana**. 1997. Application of the Scholander pressure bomb to studies on endophytic bacteria of plants. *Can. J. Microbiol.* 43: 411-416.
- Qui, J., J. Hallmann, N. Kokalis-Burelle, D. B. Weaver, **R. Rodríguez-Kábana**, and S. Tuzun. 1997. Activity and differential induction of chitinase isozymes in soybean cultivars resistant or susceptible to root-knot nematodes. *Journal of Nematology* 29
- Martinez-Ochoa, Natalia, J. W. Kloepper, **R. Rodríguez-Kábana**, and Pingshen Ji. 1997. Induced resistance and phenotypic characteristics of several PGPR compared to biocontrol activity against the root-knot nematode *Meloidogyne incognita*. *Proceedings of PGPR Conference [Japan]*: 296-300.
- Hallmann, J. **R. Rodríguez-Kábana**, and J. W. Kloepper. 1997. Nematode interaction with endophytic bacteria. *Proceedings of PGPR Conference [Japan]*: 243-245.
- Soler Serratos, A., N. Kokalis-Burelle, **R. Rodríguez-Kábana**, C. F. Weaver, and P. S. King. 1996. Allelochemicals for control of plant-parasitic nematodes. *Nematropica* 26: 57-71.
- Stevens, C., V. A. Khan, **R. Rodríguez-Kábana**, D. J. Collins, J. E. Brown, and M. A. Wilson. 1996. Effects of soil solarization and chicken litter amendments on root-knot, white grub damage, storage rot control and growth response of sweet potatoes. *Proc. of the American Society for Plasticulture* 26: 67-69.
- **Rodríguez-Kábana, R.**, N. Kokalis-Burelle, D. G. Robertson, C. F. Weaver, and L. W. Wells. 1995. Effects of partridge pea-peanut rotations on populations of *Meloidogyne arenaria*, incidence of *Sclerotium rolfsii* and yield of peanut. *Nematropica* 25: 27-34.
- Chen, C., E. M. Bauske, G. Musson, **R. Rodríguez-Kábana**, and J. W. Kloepper. 1995. Biological control of fusarium wilt on cotton by use of endophytic bacteria. *Biological Control* 5: 83-91.
- **Rodríguez-Kábana, R.**, V. Estaún, J. Pinochet, and O. Marfá. 1995. Mixtures of olive pomace with different nitrogen sources for the control of *Meloidogyne* spp. on tomato. *Supplement to the Journal of Nematology* 27: 1-10.
- Weaver, D. B., and **R. Rodríguez-Kábana**. 1995. Registration of 'Carver' soybean. *Crop Science* 35: 1226.
- Weaver, D. B., **R. Rodríguez-Kábana**, and E. L. Carden. 1995. Comparison of crop rotations and fallow for the management of *Heterodera glycines* and *Meloidogyne* spp. in soybean. *Supplement to the Journal of Nematology* 27: 585-591.
- Kokalis-Burelle, N., and **R. Rodríguez-Kábana**. 1994. Effects of pine bark extracts and pine bark powder on fungal pathogens, soil enzyme activity, and microbial populations. *Biological Control* 4: 269-276.

- Kokalis-Burelle, N., and **R. Rodríguez-Kábana**. 1994. Changes in populations of microorganisms, nematodes, and enzyme activity associated with application of powdered pine bark. *Plant and Soil* 162: 169-165.
- Kokalis-Burelle, N., **R. Rodríguez-Kábana**, C. F. Weaver, and P.S. King. 1994. Evaluation of powdered pine bark for control of *Meloidogyne arenaria* and *Heterodera glycines* on soybean. *Plant and Soil* 162: 163-168.
- **Rodríguez-Kábana, R.**, N. Kokalis-Burelle, S. Kiewnick, R-P Schuster, and R. A. Sikora. 1994. Alginate films for delivery of root-knot nematode inoculum and evaluation of microbial interactions. *Plant and Soil* 164: 147-154.
- Runion, G.B., E. A. Curl, H. H. Rogers, P. A. Backman, **R. Rodríguez-Kábana**, and B. E. Helms. 1994. Effects of free-air CO₂ enrichment on microbial populations in the rhizosphere and phyllosphere of cotton. *Agricultural and Forest Meteorology* 70: 117-130.
- **Rodríguez-Kábana, R.**, N. Kokalis-Burelle, D.G. Robertson, P. S. King, and L. W. Wells. 1994. Rotations with coastal bermudagrass, cotton, and bahiagrass for management of *Meloidogyne arenaria* and southern blight in peanut. *Journal of Nematology* 26(4S): 665-668.
- **Rodríguez-Kábana, R.**, N. Kokalis-Burelle, D. G. Robertson, and L. W. Wells. 1994. Evaluation of sesame for control of *Meloidogyne arenaria* and *Sclerotium rolfsii* in peanut. *Nematropica* 24: 55-61.
- Mosjidis, J. A., **R. Rodríguez-Kábana**, C. F. Weaver, and P. S. King. 1994. Reaction of nine *Vicia* species to *Meloidogyne arenaria* race 2 and *Heterodera glycines* race 4. *Nematropica* 24: 1-5.
- Soler Sarratosa, A., **R. Rodríguez-Kábana**, and J. W. Kloepper. 1994. Selective enrichment of *Pseudomonas* spp. in soils treated with thymol for control of phytoparasitic nematodes. p. 198 IN M. H. Ryder, P. M. Stevens, and G. D. Vowen: Improving plant productivity with rhizobacteria. CSIRO Press. Australia.
- **Rodríguez-Kábana, R.**, J.W. Kloepper, C.F. Weaver, and D.G. Robertson. 1993. Control of plant-parasitic nematodes with furfural- A naturally occurring fumigant. *Nematropica* 23: 63-73.
- Mosjidis, J.A., **R. Rodríguez-Kábana**, and C.M. Owsley. 1993. Reaction to three cool-season annual legume species to *Meloidogyne arenaria* and *Heterodera glycines*. *Nematropica* 23: 35-39.
- Weaver, D.B., **R. Rodríguez-Kábana**, and E.L. Carden. 1993. Velvetbean in rotation with soybean for management of *Heterodera glycines* and *Meloidogyne arenaria*. Supplement to the *Journal of Nematology (Annals of Applied Nematology)* 25: 809-813.
- **Rodríguez-Kábana, R.**, D.G. Robertson, and J. Bannon. 1993. Bahiagrass-cotton rotations and the management of *Meloidogyne incognita* and *Hoplolaimus galeatus*. *Nematropica* 23: 141-147.

- Pinochet, J., J. Marull, **R. Rodríguez-Kábana**, A. Felipe, and C. Fernandez. 1993. Pathogenicity of *Pratylenchus vulnus* on plum rootstocks. *Fundamental and Applied Nematology* 16: 375-380.
- Pinochet, J., **R. Rodríguez-Kábana**, J. Marull, and E. C. McGawley. 1993. *Meloidogyne javanica* and *Pratylenchus vulnus* on peccan (*Carya illinoensis*). *Fundamental and Applied Nematology* 16: 73-77.
- Kokalis-Burelle, P. A. Backman, **R. Rodríguez-Kábana**, and L. D. Ploper. 1992. Potential for biological control of early leafspot of peanut using *Bacillus cereus* and chitin as foliar amendments. *Biological Control* 2: 321-328.
- Canullo, G. H., **R. Rodríguez-Kábana**, and J. W. Kloepper. 1992. Changes in the populations of microorganisms associated with the application of soil amendments to control *Sclerotium rolfsii* Sacc. *Plant and Soil* 144: 59-66.
- Toribio, J. A., and **R. Rodríguez-Kábana**. 1992. The effects of inoculum density and physical factors on the assessment of disease caused by *Sclerotium rolfsii*. *Plant and Soil* 142: 107-112.
- **Rodríguez-Kábana, R.**, J. Pinochet, D. G. Robertson, C. F. Weaver, and P. S. King. 1992. Horsebean (*Canavalia ensiformis*) and crotalaria (*Crotalaria spectabilis*) for the management of *Meloidogyne* spp. *Nematropica* 22: 29-35.
- **Rodríguez-Kábana, R.**, J. W. Kloepper, D. G. Robertson, and L. W. Wells. 1992. Velvetbean for the management of root-knot and southern blight in peanut. *Nematropica* 22: 75-80.
- Kloepper, J. W., **R. Rodríguez-Kábana**, J. A. McInroy, and R. W. Young. 1992. Rhizosphere bacteria antagonistic to soybean cyst (*Heterodera glycines*) and root-knot (*Meloidogyne incognita*) nematodes: identification by fatty acid analysis and frequency of biological control activity. *Plant and Soil* 139: 75-84.
- Herbert, D. A., T. P. Mack, P. A. Backman, and **R. Rodríguez-Kábana**. 1992. Validation of a model for estimating leaf-feeding by insects in soybean. *Plant Protection* 11: 27-34.
- Canullo, G. H. and **R. Rodríguez-Kábana**. 1992. Evaluation of host and pathogen responses for screening soil amendments to control *Sclerotium rolfsii*. *Plant and Soil* 147: 275-282.
- **Rodríguez-Kábana, R.**, J. Pinochet, D. G. Robertson, and L. Wells. 1992. Crop rotation studies with velvetbean (*Mucuna deeringiana*) for the management of *Meloidogyne* spp. Supplement to the *Journal of Nematology* 24: 662-668.
- Davis, R. F., P. A. Backman, **R. Rodríguez-Kábana**, and N. Kokalis-Burelle. Biological control of apple fruit diseases caused by *Chaetomium globosum* formulations containing cellulose. *Biological Control* 2: 118-123.
- Canullo, G. H., **R. Rodríguez-Kábana**, and J. W. Kloepper. 1992. Changes in soil microflora associated with control of *Sclerotium rolfsii* by furfuraldehyde. *Biocontrol Science and Technology* 2: 159-169.

- **Rodríguez-Kábana, R.**, J. Pinochet, and C. Calvet. 1992. Olive pomace for control of plant-parasitic nematodes. *Nematropica* 22: 149-158.
- **Rodríguez-Kábana, R.**, D. B. Weaver, D. G. Robertson, E. L. Carden, and M. L. Pegues. 1991. Additional studies on the use of bahiagrass for the management of root-knot and cyst nematodes in soybean. *Nematropica* 21: 203-210.
- **Rodríguez-Kábana, R.**, D. G. Robertson, L. Wells, and P. S. King. 1991. Soybean-peanut rotations for the management of *Meloidogyne arenaria*. *Nematropica* 21: 147-154.
- **Rodríguez-Kábana, R.**, D. B. Weaver, D. G. Robertson, C. F. Weaver, and E. L. Carden. 1991. Rotations of soybean with tropical corn and sorghum for the management of nematode problems. Supplement to the *Journal of Nematology* 23:662-667.
- **Rodríguez-Kábana, R.**, D. G. Robertson, L. Wells, C. F. Weaver, and P. S. King. 1991. Cotton as a rotation crop for the management of *Meloidogyne arenaria* and *Sclerotium rolfsii* in peanut. Supplement to the *Journal of Nematology* 23:652-657.
- **Rodríguez-Kábana, R.**, D. G. Robertson, C. F. Weaver, and L. Wells. 1991. Rotations of bahiagrass and castorbean with peanut for the management of *Meloidogyne arenaria*. Supplement to the *Journal of Nematology* 23:658-661.
- **Rodríguez-Kábana, R.**, D. G. Robertson, P. S. King, and L. Wells. 1991. American jointvetch and partridge pea for the management of *Meloidogyne arenaria* in peanut. *Nematropica* 21: 97-103.
- Pedersen, J. F., and **R. Rodríguez-Kábana**. 1991. Winter grass cover crop effects on nematodes and yields of double cropped soybeans. *Plant and Soil* 131: 287-291.
- Dozier, W. A., **R. Rodríguez-Kábana**, A. W. Caylor, D. G. Himelrick, N. R. McDaniel, and J. A. McGuire. 1991. Ethephon hastens maturity of passionfruit grown as an annual in a temperate zone. *HortScience* 26(2):146-147.
- Kloepper, J. W., **R. Rodríguez-Kábana**, J. A. McInroy, and D. J. Collins. 1991. Analysis of populations and physiological characterization of microorganisms in rhizospheres of plants with antagonistic properties to phytopathogenic nematodes. *Plant and Soil* 136: 95-102.
- **Rodríguez-Kábana, R.**, D. Boube, and R. W. Young. 1990. Chitinous materials from blue crab for control of root-knot nematode. II. Effect of soybean meal. *Nematropica* 20: 153-168.
- **Rodríguez-Kábana, R.**, D. B. Weaver, D. G. Robertson, P. S. King, and E. L. Carden. 1990. Sorghum in rotation with soybean for the management of cyst and root-knot nematodes. *Nematropica* 20: 111-119.
- **Rodríguez-Kábana, R.**, D. B. Weaver, D. G. Robertson, R. W. Young, and E. L. Carden. 1990. Rotations of soybean with two tropical legumes for the management of nematode problems. *Nematropica* 20:101-110.

- **Rodríguez-Kábana, R.**, D. G. Robertson, L. Wells, P. S. King, and C. F. Weaver. 1989. Crops uncommon to Alabama for the management of *Meloidogyne arenaria* in peanut. Supplement to Journal of Nematology (Annals of Applied Nematology) 21(4S): 712-716.
- **Rodríguez-Kábana, R.**, D. B. Weaver, R. Garcia, D. G. Robertson, and E. L. Carden. 1989. Bahiagrass for the mangement of root-knot and cyst nematodes in soybean. Nematropica 19(2): 185-193.
- **Rodríguez-Kábana, R.**, D. Boube, and R. W. Young. 1989. Chitinous materials from blue crab for control of root-knot nematode. I. Effect of urea and enzymatic studies. Nematropica 19: 53-74.
- Weaver, D. B., and **R. Rodríguez-Kábana**. 1989. Registration of 'Stonewall' soybean. Crop Science 28: 293-298.
- Weaver, D. B., **R. Rodríguez-Kábana**, D. G. Robertson, R. L. Akridge, and E. L. Carden. 1989. Effect of crop rotation on soybean in a field infested with *Meloidogyne arenaria* and *Heterodera glycines*. Supplement to Journal of Nematology (Annals of Applied Nematology) 21 (4S): 720-722.
- **Rodríguez-Kábana, R.**, P. S. King, D. G. Robertson, and C. F. Weaver. 1989. Potential of crops uncommon to Alabama for management of root-knot and soybean cyst nematodes. Annals of Applied Nematology 2: 116-120.
- **Rodríguez-Kábana, R.**, D. G. Robertson, P. A. Backman, and H. Ivey. 1988. Soybean-peanut rotations for the management of *Meloidogyne arenaria*. Annals of Applied Nematology 2: 81-85.
- **Rodríguez-Kábana, R.**, C. F. Weaver, D. G. Robertson, and H. Ivey. 1988. Bahiagrass for the management of *Meloidogyne arenaria* in peanut. Annals of Applied Nematology 2: 110-114.
- **Rodríguez-Kábana, R.**, D. G. Robertson, L. Wells, and R. W. Young. 1988. Hairy indigo for the management of *Meloidogyne arenaria* in peanut. Nematropica 18: 137-142.
- Pedersen, J. F., **R. Rodríguez-Kábana**, and R. A. Shelby. 1988. Ryegrass cultivars and endophyte in tall fescue affect nematodes in grass and succeeding soybean. Agronomy Journal 80: 811-814.
- **Rodríguez-Kábana, R.**, P. S. King, D. G. Robertson, C. F. Weaver, and E. L. Carden. 1988. New crops with potential for management of soybean nematodes. Nematropica 18: 45-52.
- Weaver, D. B., **R. Rodríguez-Kábana**, and E. L. Carden. 1988. Multiple-species nematode resistance in soybean: effect of genotype and fumigation on yield and nematode numbers. Crop Science 28: 293-298.
- **Rodríguez-Kábana, R.**, and D. G. Robertson. 1987. Vertical distribution of *Meloidogyne arenaria* juvenile populations in a peanut field. Nematropica 17: 199-208.
- **Rodríguez-Kábana, R.**, and P. S. King. 1987. Passion fruit and Naranjilla as hosts for soybean nematodes. Nematropica 17: 171-177.

- **Rodríguez-Kábana, R.**, and C. F. Weaver. 1987. Nematicide seed treatments for control of soybean nematodes. *Nematropica* 17: 79-93.
- **Rodríguez-Kábana, R.**, D. G. Robertson, P. S. King, and C. F. Weaver. 1987. Evaluation of nematicides for control of root-knot and cyst nematodes on a tolerant soybean cultivar. *Nematropica* 17: 61-70.
- **Rodríguez-Kábana, R.**, D. G. Robertson, and P. S. King. 1987. Control of nematodes in peanut and soybean with metam-sodium. *Nematropica* 17: 31-43.
- **Rodríguez-Kábana, R.**, and D. G. Robertson. 1987. Control of *Meloidogyne arenaria* in peanut with 1,3-D: Relative efficacy and application depth. *Nematropica* 17: 17-29.
- Weaver, D. B., and **R. Rodríguez-Kábana**. 1987. Effect of "cotton complex" nematodes on seed yields of soybean. *Nematropica* 17: 7-15.
- Wehunt, E. J., A. M. Golden, C. F. Weaver, and **R. Rodríguez-Kábana**. 1987. First report of a *Tylenchulus* sp. on peach in Alabama, Arkansas, Georgia, and South Carolina. *Annals of Applied Nematology* 1: 127-128.
- Pedersen, J. F., and **R. Rodríguez-Kábana**. 1987. Nematode response to cool season annual graminaceous species and cultivars. *Annals of Applied Nematology* 1: 116-118.
- Weaver, D. B., **R. Rodríguez-Kábana**, and E. L. Carden. 1987. Soybean response to ethylene dibromide in a soil infested with *Meloidogyne arenaria* and *Heterodera glycines*. *Annals of Applied Nematology* 1: 94-96.
- Herbert, D. A., **R. Rodríguez-Kábana**, P. A. Backman, and T. P. Mack. 1987. Effects of aldicarb on nematodes, early season insect pests, and yield of soybean. *Annals of Applied Nematology* 1: 78-83.
- **Rodríguez-Kábana, R.**, D. B. Weaver, and P. S. King. 1987. Soybean response to a planting-time application of ethylene dibromide in a soil infested with *Meloidogyne incognita*, *M. arenaria*, and *Heterodera glycines*. *Annals of Applied Nematology* 1: 64-66.
- **Rodríguez-Kábana, R.**, D. G. Robertson, and P. S. King. 1987. Comparison of methyl bromide and other nematicides for control of nematodes in peanut. *Annals of Applied Nematology* 1: 56-58.
- **Rodríguez-Kábana, R.**, H. Ivey, and P. A. Backman. 1987. Peanut-cotton rotations for the management of *Meloidogyne arenaria*. *Journal of Nematology* 19(4): 484-486.
- **Rodríguez-Kábana, R.**, C. F. Weaver, D. G. Robertson, and E. L. Snoddy. 1986. Population dynamics of *Meloidogyne arenaria* juveniles in a field with Florunner peanut. *Nematropica* 16: 185-196.
- Culbreath, A. K., **R. Rodríguez-Kábana**, and G. Morgan-Jones. 1986. Chitin and *Paecilomyces lilacinus* for control of *Meloidogyne arenaria*. *Nematropica* 16: 153-166.
- Morgan-Jones, G., **R. Rodríguez-Kábana**, and P. Jatala. 1986. Fungi associated with cysts of potato cyst nematodes in Peru. *Nematropica* 16: 21-31.

- **Rodríguez-Kábana, R.**, and H. Ivey. 1986. Crop rotation systems for the management of *Meloidogyne arenaria* in peanuts. *Nematropica* 16: 53-63.
- **Rodríguez-Kábana, R.**, and P. S. King. 1985. Evaluation of selected nematicides for control of *Meloidogyne arenaria* in peanut: A multi-year study. *Nematropica* 15: 155-164.
- Weaver, D. B., **R. Rodríguez-Kábana**, and D. G. Robertson. 1985. Performance of selected soybean cultivars in a field infested with mixtures of root-knot, soybean cyst, and other phytonematodes. *Agronomy Journal* 77: 249-253.
- Touchton, J. T., and **R. Rodríguez-Kábana**. 1985. Corn growth and yield response to ethylen dibromide and nitrogen. *Agronomy Journal* 77: 389-392.
- **Rodríguez-Kábana, R.**, C. F. Weaver, and P. S. King. 1985. Combinations of 1,3-D and aldicarb for management of *Meloidogyne arenaria* in peanuts. *Nematropica* 15: 93-106.
- Culbreath, A. K., **R. Rodríguez-Kábana**, and G. Morgan-Jones. 1985. The use of hemicellulosic waste matter for reduction of the phytotoxic effects of chitin and control of root-knot nematodes. *Nematropica* 15: 49-75.
- Morgan-Jones, G., A. K. Culbreath, and R. Rodríguez-Kábana. 1984. *Xenokylindria obovata*, a new species isoalted from diseased eggs of the nematode *Meloidogyne arenaria*, and *X. prolifera*. *Mycotaxon* XX: 599-606.
- Pedersen, J. F., and **R. Rodríguez-Kábana**. 1984. Differences among nematode populations in tall fescue pastures in North, Central, and South Alabama. *Crop Science* 24: 819-821.
- Morgan-Jones, G., B. Ownley Gintis, and **R. Rodríguez-Kábana**. 1984. New species of *Chalara* and *Scytalidium* isolated from cysts of *Heterodera glycines*. *Mycologia* 76: 211-217.
- Morgan-Jones, G., **R. Rodríguez-Kábana**, and J. Gomez Tovar. 1984. Fungi associated with *Heterodera glycines* in the Cauca Valley, Colombia. *Nematropica* 14: 173-178.
- **Rodríguez-Kábana, R.**, G. Morgan-Jones, G. Godoy, and B. Ownley Gintis. 1984. Effectiveness of species of *Gliocladium*, *Paecilomyces*, and *Verticillium* for control of *Meloidogyne arenaria* in field soil. *Nematropica* 14: 155-170.
- Culbreath, A. K., **R. Rodríguez-Kábana**, and G. Morgan-Jones. 1984. An agar disc method for isolation of fungi colonizing nematode eggs. *Nematropica* 14: 145-154.
- Morgan-Jones, G., J. F. White, and **R. Rodríguez-Kábana**. 1984. Fungal parasites of *Meloidogyne incognita* in an Alabama field soil. *Nematropica* 14: 93-96.
- Morgan-Jones, G., J. F. White, and **R. Rodríguez-Kábana**. 1984. Ultrastructural studies. II. Parasitism of *Meloidogyne arenaria* eggs and larvae by *Paecilomyces lilacinus*. *Nematropica* 14: 57-71.
- **Rodríguez-Kábana, R.**, and D. B. Weaver. 1984. Soybean cultivars and development of populations of *Meloidogyne incognita* in soil. *Nematropica* 14: 46-56.

- **Rodríguez-Kábana, R.**, and J. T. Touchton. 1984. Corn and sorghum as rotational crops for management of *Meloidogyne arenaria* in peanut. *Nematropica* 14: 26-36.
- **Rodríguez-Kábana, R.**, G. Morgan-Jones, and B. Ownley Gintis. 1984. Effects of chitin amendments to soil on *Heterodera glycines*, microbial populations, and colonization of cysts by fungi. *Nematropica* 14: 10-25.
- **Rodríguez-Kábana, R.**, G. Godoy, G. Morgan-Jones, and R. A. Shelby. 1983. The determination of soil chitinase activity: Conditions for assay and ecological studies. *Plant and Soil* 75: 95-106.
- Morgan-Jones, G., J. F. White, and **R. Rodríguez-Kábana**. 1983. Phytonematode pathology: Ultrastructure studies. I. Parasitism of *Meloidogyne arenaria* eggs by *Verticillium chlamyosporium*. *Nematropica* 13: 245-260.
- Godoy, G., **R. Rodríguez-Kábana**, and G. Morgan-Jones. 1983. Fungal parasites of *Meloidogyne arenaria* eggs in an Alabama soil. A mycological survey and greenhouse studies. *Nematropica* 13: 201-213.
- Gintis, B. O., G. Morgan-Jones, and **R. Rodríguez-Kábana**. 1983. Fungi associated with several developmental stages of *Heterodera glycines* from an Alabama soybean field soil. *Nematropica* 13: 181-200.
- Godoy, G., and **R. Rodríguez-Kábana**. 1983. An enzymatic technique for obtaining *Meloidogyne* females for biological control studies. *Nematropica* 13: 75-78.
- Godoy, G., **R. Rodríguez-Kábana**, R. A. Shelby, and G. Morgan-Jones. 1983. Chitin amendments for control of **Meloidogyne arenaria** in infested soil. II. Effects on microbial population. *Nematropica* 13: 63-74.
- Huebner, R. A., **R. Rodríguez-Kábana**, and R. M. Patterson. 1983. Hemicellulose waste and urea for control of plant parasitic nematodes: Effect on soil enzyme activities. *Nematropica* 13: 37-54.
- Mian, I. H., and **R. Rodríguez-Kábana**. 1982. Soil amendments with oil cakes and chicken litter for control of *Meloidogyne arenaria*. *Nematropica* 12: 204-219.
- **Rodríguez-Kábana, R.**, and B. Truelove. 1982. Effects of crop rotation and fertilization on catalase activity in a soil of the southeastern United States. *Plant and Soil* 69: 97-104.
- Gintis, B. Ownley, G. Morgan-Jones, and **R. Rodríguez-Kábana**. 1982. Mycoflora of young cysts of *Heterodera glycines* in North Carolina soils. *Nematropica* 12: 294-302.
- Mian, I. H., and **R. Rodríguez-Kábana**. 1982. Organic amendments with high tannin and phenolic contents for control of *Meloidogyne arenaria* in infested soil. *Nematropica* 12: 220-233.
- Mian, I. H., and **R. Rodríguez-Kábana**. 1982. Survey of the nematicidal properties of some organic materials available in Alabama as amendments to soil for control of *Meloidogyne arenaria* in infested soil. *Nematropica* 12: 234-245.

- **Rodríguez-Kábana, R.**, J. C. Williams, and R. A. Shelby. 1982. Assessment of peanut yield losses caused by *Meloidogyne arenaria*. *Nematropica* 12: 278-287.
- Mian, I. H., G. Godoy, R. A. Shelby, and **R. Rodríguez-Kábanana**. 1982. Chitin amendments for control of *Meloidogyne arenaria* in infested soil. *Nematropica* 12: 71-83.
- Smith, R. E., and **R. Rodríguez-Kábana**. 1982. The extraction and assay of soil trehalase. *Plant and Soil* 65: 335-344.
- **Rodríguez-Kábana, R.** 1982. The effects of crop rotation and fertilization on soil xylanase activity in a soil of the southeastern United States. *Plant and Soil* 64: 237-247.
- Godoy, G., **R. Rodríguez-Kábana**, and G. Morgan-Jones. 1982. Parasitism of eggs of *Heterodera glycines* and *Meloidogyne arenaria* by fungi isolated from cysts of *H. glycines*. *Nematropica* 12: 111-119.
- **Rodríguez-Kábana, R.**, R. A. Shelby, P. S. King, and M. H. Pope. 1982. Comparison of methods of application with two systemic nematicides for control of root-knot nematodes in peanut and soybean. *Nematropica* 12: 97-109.
- **Rodríguez-Kábana, R.**, R. A. Shelby, P. S. King, and M. H. Pope. 1982. Application time and effectiveness of four systemic nematicides against *Meloidogyne arenaria* on Florunner peanuts. *Nematropica* 12: 85-96.
- **Rodríguez-Kábana, R.**, R. A. Shelby, P. S. King, and M. H. Pope. 1982. Combinations of anhydrous ammonia and 1,3-dichloropropenes for control of root-knot nematodes in soybean. *Nematropica* 12: 61-69.
- Beute, M. K., and **R. Rodríguez-Kábana**. 1981. Effects of soil moisture, temperature, and field environment on survival of *Sclerotium rolfsii* in Alabama and North Carolina. *Phytopathology* 71: 1293-1296.
- **Rodríguez-Kábana, R.** 1981. The effects of crop rotation and fertilization on soil xylanase activity in a soil of the Southeastern United States. *Plant and Soil* 64: 237-247.
- Morgan-Jones, G., G. Godoy, and **R. Rodríguez-Kábana**. 1981. *Verticillium chlamydosporium*, fungal parasite of *Meloidogyne arenaria* females. *Nematropica* 11: 115-120.
- Abdel-Rehim, M. A., P. A. Backman, **R. Rodríguez-Kábana**, and M. A. Crawford. 1981. Peanut seed treatment with hot calcium hydroxide solutions. *Peanut Science* 8: 36-39.
- **Rodríguez-Kábana, R.**, and J. C. Williams. 1981. Assessment of soybean yield losses caused by *Meloidogyne arenaria*. *Nematropica* 11: 105-115.
- **Rodríguez-Kábana, R.**, and J. C. Williams. 1981. Soybean yield losses caused by *Meloidogyne arenaria* and *Heterodera glycines* in a field infested with the two parasites. *Nematropica* 11: 93-104.
- **Rodríguez-Kábana, R.**, and M. H. Pope. A simple incubation method for the extraction of nematodes from soil. *Nematropica* 11: 175-186.

- Morgan-Jones, G., B. Ownley Gintis, and **R. Rodríguez-Kábana**. 1981. Fungal colonization of *Heterodera glycines* cysts in Arkansas, Florida, Mississippi, and Missouri soils. *Nematropica* 11: 155-164.
- Morgan-Jones, G., and **R. Rodríguez-Kábana**. 1981. Fungi associated with cysts of *Heterodera glycines* in Alabama soil. *Nematropica* 11: 69-74.
- **Rodríguez-Kábana, R.**, P. S. King, and M. H. Pope. 1981. Comparison of in-furrow applications and banded treatments for control of *Meloidogyne arenaria* in peanuts and soybeans. *Nematropica* 11: 53-67.
- **Rodríguez-Kábana, R.**, P. S. King, and M. H. Pope. 1981. Combinations of anhydrous ammonia and ethylene dibromide for control of nematodes parasitic of soybeans. *Nematropica* 11: 27-41.
- **Rodríguez-Kábana, R.**, P. S. King, and M. H. Pope. 1981. Control of root-knot nematodes and the Colorado potato beetle on potatoes with in-furrow applications of systemic nematicides. *Nematropica* 11: 17-25.
- Kelley, W. D., and **R. Rodríguez-Kábana**. 1981. Effects of annual applications of sodium azide on soil fungal populations with emphasis on *Trichoderma* spp. *Pesticide Science* 12: 235-244.
- Backman, P. A., **R. Rodríguez-Kábana**, M. C. Caulins, E. Beltramini, and N. Ziliani. 1981. Using the soil-tray technique to predict the incidence of Sclerotium rot in sugar beets. *Plant Disease* 65: 419-421.
- Ingram, E. G., and **R. Rodríguez-Kábana**. 1980. Nematodes parasitic of peanuts in Alabama and evaluation of methods for detection and study of population dynamics. *Nematropica* 10: 21-30.
- **Rodríguez-Kábana, R.**, M. K. Beute, and P. A. Backman. 1980. A method for estimating numbers of viable sclerotia of *Sclerotium rolfsii* in soil. *Phytopathology* 70: 917-919.
- **Rodríguez-Kábana, R.**, and D. L. Thurlow. 1980. Effect of *Hoplolaimus galeatus* and other nematodes on yield of selected soybean cultivars. *Nematropica* 10: 130-138.
- **Rodríguez-Kábana, R.**, and R. J. Collins. 1980. Relation of fertilizer treatments and cropping sequence to populations of *Pratylenchus scribneri*. *Nematropica* 10: 121-129.
- **Rodríguez-Kábana, R.**, and D. L. Thurlow. 1980. Evaluation of selected soybean cultivars in a field infested with *Meloidogyne arenaria* and *Heterodera glycines*. *Nematropica* 10: 50-55.
- **Rodríguez-Kábana, R.**, P. G. Mawwhinney, and P. S. King. 1980. Efficacy of planting time injections of three systemic nematicides against root-knot nematodes in peanuts. *Nematropica* 10: 45-49.
- **Rodríguez-Kábana, R.**, and P. S. King. 1980. Use of mixtures of urea and blackstrap molasses for control of root-knot nematodes in soil. *Nematropica* 10: 38-44.

- Hoveland, C. S., R. L. Haaland, and **R. Rodríguez-Kábana**. 1979. Forage production of *Phalaris* species as affected by nematode populations. *Nematropica* 9: 22-26.
- Kelley, W. D., and **R. Rodríguez-Kábana**. 1979. Nematicidal activity of sodium azide. *Nematropica* 8: 49-51.
- Beute, M. K., and **R. Rodríguez-Kábana**. 1979. Effect of wetting and the presence of peanut tissues on germination of sclerotia of *Sclerotium rolfsii* produced in soil. *Phytopathology* 69: 869-872.
- **Rodríguez-Kábana, R.**, H. W. Penick, P. S. King, F. A. Gray, E. L. Carden, N. R. McDaniel, and F. B. Selman. 1979. Efficacy of planting-time applications of 1,3-dichloropropene for control of nematodes on soybeans. *Nematropica* 9: 66-71.
- **Rodríguez-Kábana, R.**, H. W. Penick, P. S. King, F. A. Gray, E. L. Carden, N. R. McDaniel, F. B. Selman, and H. W. Ivey. 1979. Control of nematodes on soybeans with planting-time applications of ethylene dibromide. *Nematropica* 9: 61-66.
- **Rodríguez-Kábana, R.**, and R. J. Collins. 1979. Relation of fertilizer treatments and cropping sequence to populations of two plant parasitic nematode species. *Nematropica* 9: 151-166.
- **Rodríguez-Kábana, R.**, P. S. King, H. W. Penick, and H. Ivey. 1979. Control of root-knot nematodes on peanuts with planting time and post-emergence applications of ethylene dibromide and ethylene dibromide-chloropicrin mixtures. *Nematropica* 9: 54-60.
- **Rodríguez-Kábana, R.**, P. A. Backman, P. S. King, and J. M. Hammond. 1979. Evaluation of several methods of application for DBCP on peanuts. *Nematropica* 9: 43-54.
- Adams, J. R., **R. Rodríguez-Kábana**, and P. S. King. 1979. The non-target effects of pentachloronitrobenzene on plant-parasitic and free-living nematodes. *Nematropica* 9: 110-122.
- **Rodríguez-Kábana, R.**, and P. S. King. 1979. Relation between the method of incorporation of systemic nematicides into soil and their effectiveness against root-knot nematode on peanuts. *Nematropica* 9: 167-172.
- Gray, F. A., **R. Rodríguez-Kábana**, and J. R. Adams. 1979. Neocosmospora stem rot of soybeans in Alabama. *Plant Disease* 64: 321-322.
- Kelley, W. D., and **R. Rodríguez-Kábana**. 1979. Effects of sodium azide and methyl bromide on soil bacterial populations, enzymatic activities, and other biological variables. *Pesticide Science* 10: 207-215.
- Gray, F. A., **R. Rodríguez-Kábana**, W. S. Gazaway, and B. A. Armstrong. 1979. Occurrence and distribution of the soybean cyst nematode in Alabama. *Plant Disease Reporter* 63: 267-270.
- Elkins, C. B., R. L. Haaland, **R. Rodríguez-Kábana**, and C. S. Hoveland. 1979. Plant-parasitic nematode effects on water use and nutrient uptake of a small and a large-rooted tall fescue genotype. *Agronomy Journal* 71: 497-500.

- Beute, M. K., and **R. Rodríguez-Kábana**. 1979. Effect of volatile compounds from remoistened plant tissues on growth and germination of sclerotia and growth of *Sclerotium rolfsii*. *Phytopathology* 69: 892-905.
- **Rodríguez-Kábana, R.**, W. D. Kelley, and E. A. Curl. 1978. Proteolytic activity of *Trichoderma viride* in mixed culture with *Sclerotium rolfsii* in soil. *Canadian Journal of Microbiology* 24: 487-490.
- **Rodríguez-Kábana, R.**, P. S. King, and J. R. Adams. 1978. Nematicidal activity of technazene: a tetrachloronitrobenzene fungicide. *Nematropica* 8: 69-73.
- Hoveland, C. S., R. F. McCormick, Jr., E. L. Carden, **R. Rodríguez-Kábana**, and J. T. Shelton. 1978. Maintaining tall fescue stands in association with bahiagrass. *Agronomy Journal* 70: 649-652.
- **Rodríguez-Kábana, R.**, and E. G. Ingram. 1978. Susceptibility of pigeon peas to plant parasitic nematodes in Alabama. *Nematropica* 8: 32-34.
- **Rodríguez-Kábana, R.**, J. L. Turner, and E. G. Ingram. 1978. Sweet potato seed-root treatment with the systemic nematicide oxamyl for control of phytoparasitic nematodes. *Nematropica* 8: 26-31.
- **Rodríguez-Kábana, R.**, C. S. Hoveland, and R. L. Haaland. 1977. Evaluation of a seed-treatment method with acetone for delivering systemic nematicides with wheat and rye. *Journal of Nematology* 9: 323-326.
- Truelove, B., **R. Rodríguez-Kábana**, and P. S. King. 1977. Seed treatment as a means of preventing nematode damage of crop plants. *Journal of Nematology* 9: 326-330.
- Backman, P. A., **R. Rodríguez-Kábana**, and G. Buchanan. 1977. Effects of oxadiazon and dinoseb on stem rot in peanuts. *Weed Science* 25: 260-263.
- Beam, W. H., E. A. Curl, and **R. Rodríguez-Kábana**. 1977. Effects of the herbicides fluometuron and prometryne on *Rhizoctonia solani* in soil cultures. *Canadian Journal of Microbiology* 23: 617-623.
- Buchanan, G. A., P. A. Backman, and **R. Rodríguez-Kábana**. 1977. Influence of oxadiazon on peanuts and weeds. *Peanut Science* 4: 37-41.
- **Rodríguez-Kábana, R.**, and P. S. King. 1977. A new method for the differential staining of internal organs of nematodes. *Nematropica* 7: 17-23.
- Peeples, J. L., E. A. Curl, and **R. Rodríguez-Kábana**. 1976. Effect of the herbicide EPTC on the biocontrol activity of *Trichoderma viride* against *Sclerotium rolfsii*. *Plant Disease Reporter* 60: 1050-1054.
- **Rodríguez-Kábana, R.**, P. A. Backman, G. W. Karr, Jr., and P. S. King. 1976. Effects of the nematicide fensulfthion on soil-borne pathogens. *Plant Disease Reporter* 60: 521-524.

- **Rodríguez-Kábana, R.**, P. A. Backman, and P. S. King. 1976. Anti-fungal activity of the nematicide ethoprop. *Plant Disease Reporter* 60: 255-259.
- **Rodríguez-Kábana, R.**, and E. G. Ingram. 1976. Potato seed-piece treatment with the systemic nematicide phenamiphos for control of plant parasitic nematodes. *Nematropica* 6: 81-85.
- Kelley, W. D., and **R. Rodríguez-Kábana**. 1976. Competition between *Phytophthora cinnamoni* and *Trichoderma* spp. in autoclaved soil. *Canadian Journal of Microbiology* 22: 1120-1127.
- Backman, P. A., and **R. Rodríguez-Kábana**. 1976. Development of a medium for the selective isolation of *Sclerotium rolfsii*. *Phytopathology* 66: 234-236.
- Kelley, W. D., and **R. Rodríguez-Kábana**. 1975. Effects of potassium azide on soil microbial populations and soil enzymatic activities. *Canadian Journal of Microbiology* 21: 565-570.
- Hoveland, C. s., **R. Rodríguez-Kábana**, and C. D. Berry. 1975. Phalaris and tall fescue forage production as affected by nematodes in the field. *Agronomy Journal* 57: 714-717.
- Backman, P. A., and **R. Rodríguez-Kábana**. 1975. A system for the growth and delivery of biological control agents to the soil. *Phytopathology* 65: 819-821.
- Backman, P. A., **R. Rodríguez-Kábana**, and J. C. Williams. 1975. The effect of peanut leafspot fungicides on the nontarget pathogen, *Sclerotium rolfsii*. *Phytopathology* 65: 773-776.
- Truelove, B., **R. Rodríguez-Kábana**, and L. R. Jones. 1975. Changes in the peroxidase activity of subcellular fractions from aging *Phaseolus hypocytyls*. *Canadian Journal of Botany* 53: 852-860.
- **Rodríguez-Kábana, R.**, and P. S. King. 1975. Efficacy of extraction of nematodes by flotation-sieving using molasses and sugar and by elutriation. *Journal of Nematology* 7: 54-59.
- **Rodríguez-Kábana, R.**, P. A. Backman, and J. C. Williams. 1975. Determination of yield losses to *Sclerotium rolfsii* in peanut fields. *Plant Disease Reporter* 59: 855-858.
- **Rodríguez-Kábana, R.**, P. A. Backman, and C. McLeod. 1975. A soil plate method for rapid screening of pesticides against *Sclerotium rolfsii*. *Plant Disease Reporter* 59: 439-442.
- **Rodríguez-Kábana, R.**, P. A. Backman, and P. S. King. 1975. Applications of sodium azide for control of soil-borne pathogens in potatoes. *Plant Disease Reporter* 59: 528-532.
- **Rodríguez-Kábana, R.**, P. A. Backman, and E. A. Wiggins. 1974. Determination of sclerotial populations of *Sclerotium rolfsii* in soil by a rapid flotation-sieving technique. *Phytopathology* 65: 610-615.

- **Rodríguez-Kábana, R.**, P. A. Backman, H. Ivey, and L. L. Farrar. 1972. Effect of post-emergence application of potassium azide on nematode populations and development of *Sclerotium rolfsii* in a peanut field. *Plant Disease Reporter* 56: 362-367.
- **Rodríguez-Kábana, R.**, and P. S. King. 1972. The use of sugarcane molasses as an economical substitute for sugar in the extraction of nematodes from soil by the flotation-sieving technique. *Plant Disease Reporter* 56: 1093-1095.
- **Rodríguez-Kábana, R.**, and M. Jemmali. 1972. Studies on conditions for polarographic determinations of glucose oxidase. *Clinica Chimica Acta* 42: 153-159.
- Beam, W. H., and **R. Rodríguez-Kábana**. 1971. Effects of fluometuron and prometryne on *Rhizoctonia solani* in soil. *Phytopathology* 61: 884-885.
- **Rodríguez-Kábana, R.**, and B. Truelove. 1970. The determination of soil catalase activity. *Enzymologia* 39(4): 217-236.
- Jemmali, M., and **R. Rodríguez-Kábana**. 1970. A polarographic method for the rapid determination of glucose with glucose oxidase. *Analytical Biochemistry* 37: 253-258.
- Tang, A., E. A. Curl, and **R. Rodríguez-Kábana**. 1970. Effect of trifluralin on inoculum density and spore germination of *Fusarium oxysporum* f. sp. *vasinfectum* in soil. *Phytopathology* 60: 1082-1086.
- Chopra, B. K., E. A. Curl, and **R. Rodríguez-Kábana**. 1970. Influence of prometryne in soil on growth-related activities of *Fusarium oxysporum* f. sp. *vasinfectum*. *Phytopathology* 60: 717-722.
- **Rodríguez-Kábana, R.**, and E. A. Curl. 1970. Growth responses of *Sclerotium rolfsii* to the herbicide EPTC in liquid culture and soil. *Phytopathology* 60: 431-436.
- **Rodríguez-Kábana, R.**, and E. A. Curl. 1970. Effect of atrazine on growth of *Fusarium oxysporum* f. sp. *vasinfectum* in liquid and soil cultures. *Phytopathology* 60: 65-69.
- **Rodríguez-Kábana, R.** 1969. Enzymatic interactions of *Sclerotium rolfsii* and *Trichoderma viride* in mixed soil culture. *Phytopathology* 59: 910-921.
- **Rodríguez-Kábana, R.**, E. A. Curl, and H. H. Funderburk, Jr. 1969. Effect of trifluralin on growth of *Sclerotium rolfsii* in liquid culture and in soil. *Phytopathology* 59: 228-232.
- **Rodríguez-Kábana, R.**, and E. A. Curl. 1968. Saccharase activity of *Sclerotium rolfsii* and the mechanism of antagonistic action by *Trichoderma viride*. *Phytopathology* 58: 985-992.
- Curl, E. A., **R. Rodríguez-Kábana**, and H. H. Funderburk, Jr. 1968. Influence of atrazine and varied carbon and nitrogen amendments on growth of *Sclerotium rolfsii* and *Trichoderma viride* in soil. *Phytopathology* 58: 323-328.
- **Rodríguez-Kábana, R.**, E. A. Curl, and H. H. Funderburk, Jr. 1968. Effect of atrazine on growth of *Sclerotium rolfsii* and *Trichoderma viride* in soil. *Canadian Journal of Microbiology* 14: 1283-1288.

- **Rodríguez-Kábana, R.**, E. A. Curl, and H. H. Funderburk, Jr. 1967. Effect of paraquat on growth of *Sclerotium rolfsii* in liquid culture and soil. *Phytopathology* 57: 911-915.
- **Rodríguez-Kábana, R.** 1967. An improved method for assessing soil-fungus population density. *Plant and Soil* 26: 393-396.
- **Rodríguez-Kábana, R.**, E. A. Curl, and H. H. Funderburk, Jr. 1967. Effect of atrazine on growth response of *Sclerotium rolfsii* and *Trichoderma viride*. *Canadian Journal of Microbiology* 13: 1343-1348.
- **Rodríguez-Kábana, R.**, E. A. Curl, and H. H. Funderburk, Jr. 1967. Effect of four herbicides on growth of *Rhizoctonia solani*. *Phytopathology* 56: 1332-1333.

Invited Reviews, Book Chapters, and Books:

- **Rodríguez-Kábana, R.**, and N. Kokalis-Burelle. 1997. Chemical and Biological Control. pp. 397-418. IN: R. J. Hillocks and J. M. Weller [eds.]: *Soil-borne Diseases of Tropical Crops*. CAB International. New York. 452 pp.
- Kokalis-Burelle, N., D. M. Porter, **R. Rodríguez-Kábana**, D. H. Smith, and P. Subrahmanyam. 1996. *Compendium of Peanut Diseases*. APS Press. St. Paul, MN. 94pp.
- **Rodríguez-Kábana, R.**(ed). 1995. Alternatives to methyl bromide: soil treatment. pp. 64-124. IN: UNEP: Report of the Methyl Bromide Technical Options Committee. Nairobi, Kenya. 304 pp.
- **Rodríguez-Kábana, R.**, and N. Martínez-Ochoa. 1995. Cut flower production in Colombia without methyl bromide. pp. 8-28. IN: H. J. Banks (ed): *Agricultural production without methyl bromide - four case studies*. CSIRO, Canberra, Australia. 57 pp.
- **Rodríguez-Kábana, R.**, and C. Calvet. 1994. Capacity of soils to control diseases of edaphic origin. *Fitopatol. bras.* 19:129-138.
- **Rodríguez-Kábana, R.** 1994. Biological control of soilborne pathogens and nematodes: the effect of soil amendments on microbial ecology and disease. *Proceedings 4^o Siconbiol - Simpósio de Controle Biológico*. Anais: Conferencia e Mesas Redondas p. 55.
- **Rodríguez-Kábana, R.** 1994. Control biológico, verdad o ficción. *Proceedings VII Congreso de la Sociedad Española de Fitopatología*. p. 22.
- Goff, W.D., **R. Rodríguez-Kábana**, J.O. Donald, and J. Pinochet. 1993. Commercial pecan production in the Southern United States. (*Produccion comercial de pecanero en el sur de los Estados Unidos*). *Fruticultura Profesional* 54: 72-81.
- **Rodríguez-Kábana, R.**, and G. H. Canullo. 1992. Cropping systems for the management of phytonematodes. *Phytoparasitica* 20(3): 211-224
- **Rodríguez-Kábana, R.** 1992. Chemical control. pp. 115-123. IN R. D. Riggs and J. A. Wrather: *Biology and Management of the Soybean Cyst Nematode*. APS Press, St. Paul Minnesota, U.S.A. 186 pp.

- Weaver, D. B., and **R. Rodríguez-Kábana**. 1992. Disease management in soybean: Use of cultural techniques and genetic resistance. pp. 214-223. IN L.G. Copping, ed. Pest management in soybeans. Elsevier Publications, Essex, England.
- **Rodríguez-Kábana, R.** 1991. Control biológico de nematodos parasitos de plantas. *Nematropica* 111-122.
- **Rodríguez-Kábana, R.**, and G. Morgan-Jones. 1988. Potential for nematode control by mycofloras endemic in the tropics. *Journal of Nematology* 20(2): 191-203.
- **Rodríguez-Kábana, R.**, G. Morgan-Jones, and I. Chet. 1987. Biological control of nematodes: soil amendments and microbial antagonists. *Plant and Soil* 100: 237-247.
- **Rodríguez-Kábana, R.** 1986. Organic and inorganic nitrogen amendments to soil as nematode suppressants. *Journal of Nematology* 18: 129-135.
- Curl, E. A., and **R. Rodríguez-Kábana**. 1986. Herbicide-plant pathogen interactions and plant-disease relationships. pp. 429-4055. *IN* N. D. Camper (ed.): *Research Methods in Weed Science*, Third Edition. Southern Weed Science Society, Champaign, IL. 486 pp.
- Morgan-Jones, G., and **R. Rodríguez-Kábana**. 1985. Phytonematode pathology: Fungal modes of action. A perspective. *Nematropica* 15: 107-114.
- Morgan-Jones, G., and **R. Rodríguez-Kábana**. 1987. Fungal biocontrol for the management of nematodes. pp. 94-99. *IN* J. Veech and D. W. Dickson (eds.): *Vistas on Nematology*. Society of Nematologists, Inc. Hyattsville, MD 509 pp.
- Porter, D. M., D. H. Smith, and **R. Rodríguez-Kábana**, (eds.). 1984. *Compendium of peanut diseases*. The Disease Series of the American Phytopathological Society. APS Press, St. Paul, MN. 73 pp.
- **Rodríguez-Kábana, R.** 1982. Diseases caused by nematodes. pp. 378-410. *IN* H. E. Pattee and C. T. Young (eds.): *Peanut Diseases*. APRES, Yoakum, TX. 825 pp.
- **Rodríguez-Kábana, R.**, and E. A. Curl. 1980. Nontarget effects of pesticides on soilborne pathogens and disease. *Annual Review of Phytopathology* 18: 311-332.
- **Rodríguez-Kábana, R.**, P. A. Backman, and E. A. Curl. 1977. Control of seed and soilborne plant diseases. pp. 117-161. *IN* M. R. Siegel and H. D. Sisler (eds.): *Antifungal Compounds*. Vol. 1. Marcel Dekker, Inc. New York, 600 pp.

Scientific Papers in Spanish:

- **Rodríguez-Kábana, R.**, and Cinta Calvet. 1994. Capacidad del suelo para controlar enfermedades de origen edáfico. *Fitopatología Brasileira* 19(2): 129-138.
- **Rodríguez-Kábana, R.**, and G. H. Canullo. 1992. Protección vegetal en un sistema de producción estable. *Fitopatología Brasileira* 17: 13-17.
- Pinochet, J., **R. Rodríguez-Kábana**, Y A. Bello. 1992. Nematodos en viveros frutales y cítricos, su introducción, dispersión y control. *Fruticultura Profesional* 44: 55-61.

- **Rodríguez-Kábana, R.** 1991. Control biológico de nematodos parásitos de plantas. *Nematropica* 21: 111-122.
- **Rodríguez-Kábana, R.** 1991. Las técnicas agronómicas en la regulación de las enfermedades de las plantas. *Agrícola Vergel* 108: 976-980.
- **Rodríguez-Kábana, R.** 1991. Control biológico de nematodos parásitos de plantas. *Cuadernos de Fitopatología* 26: 233-237.
- Pinochet, J., J. Marull, and **R. Rodríguez-Kábana**. 1991. La resistencia en patrones de frutales frente a nematodos. *Fruticultura* 37: 40-49.
- Escobar, J., and **R. Rodríguez-Kábana**. 1980. Comparación de un método de flotación con uno de tamizado para la determinación de *Radopholus similis* en raíces de banano. *Nematropica* 10: 86-88.
- **Rodríguez-Kábana, R.**, and P. S. King. 1976. Técnicas de coloración con halógenos para mostrar detalles cuticulares de nematodos. *Nematropica* 6: 34-40.
- **Rodríguez-Kábana, R.**, and E. A. Curl. 1972. Efecto producido en el desarrollo del *Fusarium oxysporum* f. *vasinfectum* por dosis incrementadas de los hierbicidas paraquat, trifluralin y EPTC. *Fitopatología* 6: 7-17.
- Curl, E. A., and **R. Rodríguez-Kábana**. 1972. Efecto de los hierbicidas diuron, fluometuron, paraquat, prometryne, y trifluralin en la producción de esclerocios por el *Sclerotium rolfsii* y el *Sclerotinia trifoliorum*. *Fitopatología* 5: 10-14.

Scientific Publications in French:

- **Rodríguez-Kábana, R.**, et M. Jemmali. 1972. Dosage rapide oxygraphique due glucose en presence de glucose oxydase dans les milieux complexes. *Annals of Animal Biology, Biochemistry, and Biophysics* 12(2): 329-334.

Publications in Press:

- Kokalis-Burelle, N., N. Martinez Ochoa, **R. Rodríguez-Kábana**, and J. W. Kloepper. 2002. Development of multi-component transplant mixes for suppression of *Meloidogyne incognita* on tomato (*Lycopersicon esculentum*). *Journal of Nematology* [IN PRESS]
- Quiroga-Madriral, **R. Rodríguez-Kábana**, D. G. Robertson, C. F. Weaver, and P. S. King. 2002. Nematode populations and enzyme activities in rhizospheres of tropical legumes in Auburn, Alabama. *Nematropica* [IN PRESS].

Patents:

- **Rodríguez-Kábana, R.**, 2001. An azide method and composition for controlling deleterious organisms. Serial No. PCT/US01/31669

- S. Tuzun, Oktay, Y., **R. Rodríguez-Kábana**, and J. W Kloepper. 1999. Natural and safe alternative to fungicide, bacterocide, nematicides, and insecticides for plant protection and against household pests. Serial No. PCT/US99/2399.
- Kloepper, J. W., **R. Rodríguez-Kábana**, and S. Tuzun. 2000. Biological compositions and methods for enhancing plant growth and health and producing disease-suppressive plants. Serial No. PCT/US00/05147.
- **Rodríguez-Kábana, R.**, and A. Appel. 2000. Insecticidal properties of iodinated hydrocarbons. Serial No. U.S. 09/662/282.
- **Rodríguez-Kábana, R.**, and N. Kokalis-Burelle. 1995. Use of polymeric films for delivery of biological control agents and ecological evaluations. U.S. Patent Application Serial No. 08/405,788.
- Backman, P.A., **R. Rodríguez-Kábana**, and N. Kokalis. 1993. Method for controlling foliar microorganism populations. U.S. Patent No. 5288488. (Issue Date: 22. February. 1994).
- **Rodríguez-Kábana, R.**, and R. Milch. 1991. Composition for biological control of plant pathogenic nematodes. U.S Patent No. 5057141.
- **Rodríguez-Kábana, R.**, and G. Walters. 1992. Method for treatment of nematodes in soil using furfural. U.S. Pat.Of. No.5084477 (Granted 28. January. 1992).
- **Rodríguez-Kábana, R.**, R. Smith, and Scott Thornberg. 1991. Method for the treatment of nematodes in soil using bromonitromethane. U.S. Patent No. 5013762 (Granted 7. May. 1991).

Abstracts of Papers Presented at Scientific Meetings:

- **Rodríguez-Kábana, R.** 2001. Pre-plant applications of sodium azide for control of nematodes and weeds in eggplant production. Proceedings Annual International Research Conference on Methyl Bromide Alternatives and Emissions Reductions. Nov. 5-9, 2001, San Diego, CA. p. 6-1.
- **Rodríguez-Kábana, R.** 2001. Nematicidal and herbicidal properties of propylene oxide. Proceedings Annual International Research Conference on Methyl Bromide Alternatives and Emissions Reductions. Nov. 5-9, 2001, San Diego, CA. p.3-1.
- **Rodríguez-Kábana, R.** 2001. Efficacy of aqueous formulations of sodium azide with amine-protein stabilizers for control of nematodes and weeds in tomato production. Proceedings Annual International Research Conference on Methyl Bromide Alternatives and Emissions Reductions. Nov. 5-9, 2001, San Diego, CA. p 7-1.
- **Rodríguez-Kábana, R.** and Hanafi Abdelhaq. 2001. Sodium azide for control of root-knot nematodes and weeds in green pepper and tomato production in the Souss valley in. Proceedings Annual International Research Conference on Methyl Bromide Alternatives and Emissions Reductions. Nov. 5-9, 2001, San Diego, CA. p 8 -1.

- **Rodríguez-Kábana, R.** 2001. Sodium azide for control of the root knot-Fusarium wilt complex in cotton. Proceedings Annual International Research Conference on Methyl Bromide Alternatives and Emissions Reductions. Nov. 5-9, 2001, San Diego, CA. p 84-1.
- **Rodríguez-Kábana, R.** 2000. Nematicidal and herbicidal properties of liquid formulation of potassium azide. Proceedings Annual International Research Conference on Methyl Bromide Alternatives and Emissions Reductions. Nov. 6-9, 2000, Orlando, FL. p 8-1.
- **Rodríguez-Kábana, R.** 2000. Nematicidal and herbicidal properties of furfural-based biofumigants. Proceedings Annual International Research Conference on Methyl Bromide Alternatives and Emissions Reductions. Nov. 6-9, 2000, Orlando, FL. p 20-1.
- **Rodríguez-Kábana, R.** 2000. Comparative study on the nematicidal activities of garlic and mustard oils. Proceedings Annual International Research Conference on Methyl Bromide Alternatives and Emissions Reductions. Nov. 6-9, 2000, Orlando, FL. p 22-1.
- **Rodríguez-Kábana, R.** 2000. Evaluation of the herbicidal and nematicidal activities of propargyl bromide. Proceedings Annual International Research Conference on Methyl Bromide Alternatives and Emissions Reductions. Nov. 6-9, 2000, Orlando, FL. p 28-1.
- **Rodríguez-Kábana, R.** 2000. Pesticidal properties of volatile, low molecular weight iodinated hydrocarbons. Proceedings Annual International Research Conference on Methyl Bromide Alternatives and Emissions Reductions. Nov. 6-9, 2000, Orlando, FL p 37-1.
- Appel, A. G. and **R. Rodríguez-Kábana.** 1999. Insecticidal properties of iodinated hydrocarbons propargyl bromide. Proceedings Annual International Research Conference on Methyl Bromide Alternatives and Emissions Reductions. Nov. 1-4, 1999, San Diego, CA. p 53-1.
- **Rodríguez-Kábana, R.** and A. G. Appel. 1999. Nematicidal activities of iodinated hydrocarbons. Proceedings Annual International Research Conference on Methyl Bromide Alternatives and Emissions Reductions. Nov. 6-9, 2000, Orlando, FL. p 25-1.
- King, P.S. and **R. Rodríguez-Kábana.** 2002. Comparative study on the nematicidal activities of garlic and mustard oils. *Nematology* 4:286.
- **Rodríguez-Kábana, R.** 2002. Suppressiveness of soils against pathogens: biodiversity and nematology. *Nematology* 4:125.
- **Rodríguez-Kábana, R.** 2002. Soil fumigation: new uses for old compounds. *Nematology* 4:156.
- Weaver, C.F., **R. Rodríguez-Kábana** and D.G. Robertson. 2002. To assess the long-term effects of selected cropping sequences to control *Meloidogyne incognita* and increase the yield of cotton. *Nematology* 4:310.
- King, P.S. and **R. Rodríguez-Kábana.** 2001. Utilization of various cropping sequences for control of soybean nematodes. *Journal of Nematology* 33:263.

- Edgar, R.E., C.F. Weaver, **R. Rodríguez-Kábana**, C.R. Taylor and D.G. Robertson. 2001. Crop production systems for nonchemical control of *Rotylenchulus reniformis*. *Journal of Nematology* 33:256.
- King, P.S., D.B. Weaver and **R. Rodríguez-Kábana**. 2000. Field response of soybean cultivars to the reniform nematode *Rotylenchulus reniformis*. *Proceedings of the Southern Soybean Disease Workers*. Pg. 9.
- Robertson, D.G. and **R. Rodríguez-Kábana**. 2000. Nematological survey of selected soybean and cotton fields in Alabama. *Proceedings of the Southern Soybean Disease Workers*. Pg. 11.
- Weaver, C.F. and **R. Rodríguez-Kábana**. 2000. Soybean meal-based compositions as organic amendments for control of plant-parasitic nematodes. *Proceedings of the Southern Soybean Disease Workers*. Pg. 12.
- Weaver, C.F. and **R. Rodríguez-Kábana**. 2000. Additional studies utilizing soybean meal- based compositions as organic amendments for control of *Meloidogyne* spp. *Journal of Nematology* 32:471.
- King, P.S., D.B. Weaver and **R. Rodríguez-Kábana**. 2000. Yield and nematode numbers of selected soybean cultivars in a field infested with reniform nematodes. *Journal of Nematology* 32:439.
- Fernández, C., **R. Rodríguez-Kábana** and J.W. Kloepper. 2000. Approaches to measuring microbial contributions to soil suppressiveness by measuring soil enzymes. *Nematropica* 30:126.
- Kloepper, J.W., **R. Rodríguez-Kábana**, N. Martínez and C. Fernández. 2000. Roles of plant-associated bacteria in nematode biocontrol: Selective manipulation of indigenous bacteria and introduction of specific strains. *Nematropica* 30:133.
- **Rodríguez-Kábana, R.** and D.G. Robertson. 2000. Nematicidal and herbicidal properties of potassium azide. *Nematropica* 30:146.
- **Rodríguez-Kábana, R.** and C.R. Taylor. 2000. Compositions of benzaldehyde and urea for control of plant-parasitic nematodes. *Nematropica* 30:147.
- **Rodríguez-Kábana, R.**, N. Kokalis-Burelle and J.W. Kloepper. 2000. Effects of combination of chitin and benzaldehyde on soil suppressive to root-knot and cyst nematodes. *Nematropica* 30:147.
- Stevens, C., V.A. Khan, **R. Rodríguez-Kábana**, D.J. Collins, M.A. Wilson and J.E. Brown. 2000. Use of an advanced thermofilm-IR plus black latex to improve soil solarization in central Alabama. *Nematropica* 30:130.
- Velasco, J. Velasco, R. Ferrero-Cerrato and **R. Rodríguez-Kábana**. 2000. Non-target effects of fumigation of soil and rhizosphere, soil enzyme activities, and nematofauna. *Nematropica* 30:153.
- Weaver, D.B. and **R. Rodríguez-Kábana**. 2000. Breeding soybean for nematode and foliar disease resistance in Alabama. *Nematropica* 30:154.

- Weaver, C.F., **R. Rodríguez-Kábana** and C.R. Taylor. 1999. Additional studies on the use of soybean as a rotation crop for the management of root-knot nematode in peanut. Proceedings of the Southern Soybean Disease Workers. Pg. 13.
- King, P.S., **R. Rodríguez-Kábana** and C.R. Taylor. 1999. Comparison of soybean meal with other legume meals as amendments to soil for control of plant-parasitic nematodes. Proceedings of the Southern Soybean Disease Workers. Pg. 14.
- Weaver, C.F., **R. Rodríguez-Kábana** and D.G. Robertson. 1999. Long-term study to assess the value of switchgrass for the management of *Meloidogyne arenaria* in peanut. Journal of Nematology 31:579.
- King, P.S., **R. Rodríguez-Kábana** and C.F. Weaver. 1999. Resistance of selected legume cultivars to *Meloidogyne* spp. Journal of Nematology 31:548.
- King, P.S., **R. Rodríguez-Kábana** and C.F. Weaver. 1999. Resistance of selected legume cultivars to *Rotylenchulus reniformis*. Nematropica 29:124.
- Quiroga-Madrigal, R., **R. Rodríguez-Kábana**, D.G. Robertson, C.F. Weaver and P.S. King. 1999. Nematode populations and enzymatic activity in rhizospheres of tropical legumes in Auburn, Alabama. Nematropica 29:129.
- **Rodríguez-Kábana, R.** 1999. Nematicidal activities of iodinated methane compounds. Nematropica 29:130.
- **Rodríguez-Kábana, R.** 1999. Nematicidal activity of RK-2-A mixture of biofumigant compounds. Nematropica 29:131.
- **Rodríguez-Kábana, R.** 1999. Nematicidal properties of low molecular weight iodinated hydrocarbons. Nematropica 29:131.
- **Rodríguez-Kábana, R.** 1999. On the nematicidal properties of end-carbon diiodinated normal low molecular weight hydrocarbons. Nematropica 29:131.
- **Rodríguez-Kábana, R.** 1999. On the nematotoxic properties of ethylene diiodide and methyl iodide. Nematropica 29:132.
- **Rodríguez-Kábana, R.** 1999. Response of the nematofauna to applications of elemental iodine to soil. Nematropica 29:132.
- Bowen, K.L., and **R. Rodríguez-Kábana**. 1998. Root-knot nematode development and yield of peanut varieties. Nematropica 28: 120.
- **Rodríguez-Kábana, R.**, and J.W. Kloepper. 1998. Cropping systems and the enhancement of microbial activities antagonistic to nematodes. Nematropica 28: 144
- Kloepper, J.W., and **R. Rodríguez-Kábana**, N. Martínez-Ochoa, and C. Fernández. 1998. Roles of plant-associated bacteria in nematode biocontrol: Selective manipulation of indigenous bacteria and introduction of specific strains. Nematropica 28: 135

- Kokalis-Burelle, N., J. Qiu, D. B. Weaver, J. Hallmann, **R. Rodríguez-Kábana**, and S. Tuzun. 1998. Journal of Nematology 30: 503
- Fernandez, C., **R. Rodríguez-Kábana**, J.W. Kloepper, and P. Warrior. 1998. Microbial antagonists to root-knot nematode increased by adding DiTera®, a biological nematicide. Journal of Nematology 30: 495
- Taylor, C.R., and **R. Rodríguez-Kábana**. 1998. Economics of the root-knot nematode (*Meloidogyne arenaria*), southern blight fungus (*Sclerotium rolfsii*), and microbivorous nematodes in a cotton and peanut production system. Journal of Nematology 30: 517
- **Rodríguez-Kábana, R.**, J. Pinochet, D. B. Weaver, and P.S. King. 1997. Susceptibility of selected cultivars to lesion nematodes. Proceedings of the Southern Soybean Disease Workers. p.22.
- **Rodríguez-Kábana, R.**, D. B. Weaver, C. F. Weaver, and D. G. Weaver. 1997. Velvetbean and bahiagrass effects on yield and nematode populations in a field infested with root-knot and other plant parasitic nematodes. Proceedings of the Southern Soybean Disease Workers. p. 21.
- **Rodríguez-Kábana, R.**, P. S. King, and L. W. Wells. 1997. Long-term effects of cropping systems with soybean, corn and peanut on soybean yields and nematode populations. Journal of Nematology 29: 603-604.
- King, P. S., **R. Rodríguez-Kábana, R.** and D. G. Robertson. 1997. Assessment of selected peanut cultivars for susceptibility to *Meloidogyne arenaria*. Journal of Nematology 29: 588-589.
- Weaver, C. F., **R. Rodríguez-Kábana**, D. B. Weaver, and D. G. Robertson. 1997. Comparison study of velvetbean and bahiagrass effects on yield and nematode populations of soybean. Journal of Nematology 29: 613.
- **Rodríguez-Kábana, R.**, P. S. King and C.F. Weaver. 1997. Host suitability of selected tropical legumes and other crops for the reniform nematode [*Rotylenchulus reniformis*]. Nematropica 27: 121.
- **Rodríguez-Kábana, R.** 1997. Suppressive soils, cropping systems, organic amendments, naturally occurring fumigant compounds and practical biological control [Symposium]. Nematropica 27: 120.
- Weaver, D. B., **R. Rodríguez-Kábana** and D. G. Robertson. 1997. Velvetbean and bahiagrass rotation effects on soybean yield and nematode populations. 1997 Agronomy Abstracts. p. 111.
- Miller, M. S., D. W. Reeves, B. E. Gambel, and **R. Rodríguez-Kábana**. 1997. Soil compaction in cotton double-cropped with grazed and ungrazed winter covers. Proceedings of the 1997 Beltwide Cotton Conferences.
- **Rodríguez-Kábana, R.**, D. G. Robertson and L. W. Wells. 1997. Use of pesticides and cropping systems with cotton, peanut and velvetbean for the management of root-knot nematode [*Meloidogyne arenaria*] and southern blight [*Sclerotium rolfsii*] in 'Florunner' peanut. Proceedings of the American Peanut Research and Education Society p. 29.

- **Rodríguez-Kábana, R.** 1997. Nematode management with cropping systems and sustainable agriculture programs. Proceedings of the First International Workshop of the Afro-Asian Society of Nematologists. p. 5.
- **Rodríguez-Kábana, R.** 1997. Management of nematodes by the use of botanical compounds. Thirteenth Symposium of the South African Nematological Society. p. 33.
- **Rodríguez-Kábana, R.** and A. G. Appel. 1996. Cropping systems - Management of soil suppressiveness for nematode control. Proceedings Annual International Research Conference on Methyl Bromide Alternatives and Emissions Reductions. Nov. 4-6, 2000, Orlando, FL. p 24.
- King, P. S., **R. Rodríguez-Kábana**, and D. G. Robertson. 1996. Assessing the potential of sesame (*Sesamum indicum*) as a cash crop in Alabama. *Nematropica* 26: 280.
- Weaver, C. F., **R. Rodríguez-Kábana**, and D. G. Robertson. 1996. The effect of velvetbean as a rotation crop for the management of nematode problems in cotton. *Nematropica* 26: 327.
- Blum, L. E., **R. Rodríguez-Kábana**, and G. Morgan-Jones. 1996. Effect of soil organic amendments on diseases of tomato and soybean caused by *Sclerotium rolfsii* and *Rhizoctonia solani*, and on the soil microbial population. *Phytopathology (Supplement)* 86:pg.S-54.
- Martínez-Ochoa, N. and **R. Rodríguez-Kábana**. 1996. The use of compost and integrated pest management as alternatives to methyl bromide fumigation in Colombian flower production. *Nematropica* 26: 288.
- Hallmann, J., A. Quadt-Hallmann, J. W. Kloepper, and **R. Rodríguez-Kábana**. 1996. Nematode interactions with endophytes I: Isolation of endophytic microorganisms. *Nematropica* 26: 271.
- Quadt-Hallmann, A., J. Hallmann, **R. Rodríguez-Kábana**, and J. W. Kloepper. 1996. Nematode interactions with endophytes II: Effect of nematode density on colonization of endophytic bacteria. *Nematropica* 26: 302.
- Hallmann, J., J. W. Kloepper, and **R. Rodríguez-Kábana**. 1996. Nematode interactions with endophytes III: Screening different sources of endophytic bacteria for control of *Meloidogyne incognita* on cotton and cucumber. *Nematropica* 26: 271.
- Hallmann, J., **R. Rodríguez-Kábana**, and J. W. Kloepper. 1996. Nematode interactions with endophytes. IV. Effect of nematode suppressive soil on bacterial diversity of cotton endophytes. *Nematropica* 26(3): 272.
- Kloepper, J. W., **R. Rodríguez-Kábana**, and N. Kokalis-Burelle. 1996. A review of antagonistic plants as modifiers of rhizosphere bacteria. *Nematropica* 26 211.
- Kokalis-Burelle, N., **R. Rodríguez-Kábana**, J. W. Kloepper, W. F. Mahaffee, and K. L. Bowen. 1996. Effects of switchgrass rotations with peanut and cotton on nematodes and soil microflora. *Nematropica* 26: 282.

- Kokalis-Burelle, N. and **R. Rodríguez-Kábana**. 1996. Application of alginate films for evaluation of nematode trapping fungi as biological control agents. *Nematropica* 26: 282.
- Fernández, C., J. Pinochet, and **R. Rodríguez-Kábana**. 1996. Alginate films for preservation and inoculum delivery of *Pratylenchus* species under *in vivo* and *in vitro* conditions. *Nematropica* 26: 262.
- Calvet, C., A. Camprubí, and **R. Rodríguez-Kábana**. 1995. Arbuscular mycorrhizal fungi in alginate films for plant inoculation and *in vivo* observation of fungal development. *Phytopathology* 85: 1562.
- **Rodríguez-Kábana, R.** 1995. Effects of cations on hatching of *Meloidogyne incognita* eggs in alginate films. *Phytopathology* 85: 1563.
- Weaver, C. F., **R. Rodríguez-Kábana**, and D. G. Robertson. 1995. Bahiagrass-cotton rotations for the management of *Meloidogyne incognita* and other nematode pathogens. *Journal of Nematology* 27: 525.
- King, P. S., **R. Rodríguez-Kábana**, D. G. Robertson, and C. F. Weaver. 1995. Long term study on the value of new crops for the management of root-knot and southern blight on 'Florunner' peanuts. *Journal of Nematology* 27: 505-506.
- Hallman, J., **R. Rodríguez-Kábana**, J. W. Kloepper, and R. A. Sikora. 1995. Fungal and bacterial endophytes: A potential of endophytic microorganisms for control of *Meloidogyne incognita*. *Nematropica* 25: 89.
- Kokalis-Burelle, N., **R. Rodríguez-Kábana**, D. G. Robertson, W. F. Mahaffee, J. W. Kloepper, and K. L. Bowen. 1995. Effects of forage grass rotations on soil microbial ecology and nematode populations. *Phytopathology* 85: 1124.
- Collins, D. J., K. Burch, **R. Rodríguez-Kábana**, A. R. Howlinder and P. Hughes. 1995. An alginate film technique for studying the ecology of *Pleiochaeta setosa* in soil. *Phytopathology* 85: 1205.
- Stevens, C., V. A. Khan, L. D. Ploper, P. Backman, **R. Rodríguez-Kábana**, D. J. Collins, J. E. Brown and M. A. Wilson. 1995. Reduction of tomato early blight by combining soil solarization and biological control strategies. *Phytopathology* 85: 1178.
- Martínez-Ochoa, N., J. W. Kloepper and **R. Rodríguez-Kábana**. 1995. PGPR-mediated induced systemic resistance against root-knot nematode (*Meloidogyne incognita*) on cucumber. *Phytopathology* 85: 1154.
- **Rodríguez-Kábana, R.**, D. B. Weaver, and E. L. Carden. 1995. Comparison of soybean, fallow, and rotation with sorghum-sudan grass hybrid for nematode control in a field infested with root-knot and soybean cyst nematodes. *Proceedings of the Annual Meeting of the Southern Soybean Disease Workers*. p. 19.
- Weaver, D. B., **R. Rodríguez-Kábana**, and E. L. Carden. 1995. Comparison of continuous soybean and rotation with cotton for nematode control in a field infested with root-knot and soybean cyst nematodes. *Proceedings of the Annual Meeting of the Southern Soybean Disease Workers*. p. 23.

- Kokalis-Burelle, N., N. Martínez-Ochoa, D. B. Weaver, and **R. Rodríguez-Kábana**. 1995. A rapid screening method for resistance to nematodes and soilborne pathogens using alginate films. Proceedings of the Annual Meeting of the Southern Soybean Disease Workers. p. 24.
- Soler-Serratos, A., **R. Rodríguez-Kábana**, and J. W. Kloepper. 1994. Selective enrichment of *Pseudomonas* spp. in soils treated with thymol for control of phytoparasitic nematodes. Proceedings PGPR Workshop, March 7-11, 1994. Adelaide, Australia. pp. 198-200.
- Vargas, R., **R. Rodríguez-Kábana**, and J. W. Kloepper. 1995. Study of microbial ecology in a crop rotation program with soybean, velvetbean, and winter crops. *Phytopathology* 84: 1084.
- Kokalis-Burelle, N., **R. Rodríguez-Kábana**, C. F. Weaver, and D. G. Robertson. 1995. Effects of annual warm-season forage grasses on nematode populations and yield of eggplant. *Phytopathology* 84: 1128.
- **Rodríguez-Kábana, R.**, N. Kokalis-Burelle and R. A. Sikora. 1994. Preparing alginate films for delivery and evaluation of root-knot nematode inoculum. *Phytopathology* 84: 777.
- Bauske, E. M., **R. Rodríguez-Kábana**, and J. W. Kloepper. 1995. Effects of naturally-occurring aromatic compounds on pythium root rot of cotton. *Phytopathology* 84: 774.
- Bauske, E. M., **R. Rodríguez-Kábana**, and P. A. Backman. 1994. Effects of naturally-occurring aromatic compounds and residual acidity from delinting on rhizosphere colonization of biological control agents on cotton. *Phytopathology* 84: 774.
- **Rodríguez-Kábana, R.**, N. Kokalis-Burelle, and R. A. Sikora. 1994. Use of alginate films for delivery of *Meloidogyne incognita* inoculum and evaluation of microbial interactions. *Phytopathology* 84: 777.
- Vargas, R., and **R. Rodríguez-Kábana**. 1994. Nematode populations in a rotation program with velvetbean and nematode-host and non-host grass species. *Phytopathology* 84: 777.
- Vargas, R., **R. Rodríguez-Kábana**, and J. W. Kloepper. 1994. Effect of velvetbean on populations of plant-parasitic nematodes and soil and rhizosphere microflora. *Nematropica* 24: 94.
- **Rodríguez-Kábana, R.**, V. Estaún, and J. Pinochet. 1994. Use of different nitrogen sources with olive pomace for control of root-knot nematodes in tomato. *Nematropica* 24: 90.
- Bauske, E. M., **R. Rodríguez-Kábana**, and P. A. Backman. 1994. Effects of naturally-occurring aromatic compounds and residual acidity from delinting on rhizosphere colonization of biological control agents on cotton. *Phytopathology* 84: 774.
- **Rodríguez-Kábana, R.**, N. Kokalis-Burelle, and R. A. Sikora. 1994. Use of alginate films for delivery of *Meloidogyne incognita* inoculum and evaluation of microbial interactions. *Phytopathology* 84: 777.

- Vargas, R., and **R. Rodríguez-Kábana**. 1994. Nematode populations in a rotation program with velvetbean and nematode-host and non-host grass species. *Phytopathology* 84: 777.
- **Rodríguez-Kábana, R.**, and N. Kokalis-Burelle. 1994. Effects of potassium polygalacturonate on development of *Meloidogyne incognita* eggs. *Nematropica* 24:89.
- Chavarría-Carvajal, J. A., N. Kokalis-Burelle, **R. Rodríguez-Kábana**, and E. Bauske. 1994. Efecto de tres compuestos aromáticos naturales sobre el número de huevos y larvas de *Meloidogyne incognita*. *Nematropica* 24: 76.
- King, P. S., **R. Rodríguez-Kábana**, D. G. Robertson, and J. S. Bannon. 1994. Performance of selected cotton cultivars against root-knot nematodes: a multi-year study. *Journal of Nematology* 26: 556.
- Weaver, C. F., **R. Rodríguez-Kábana**, and D. G. Robertson. 1994. Rotations with winter cover crops for the management of root-knot nematodes in eggplant. *Journal of Nematology* 26: 569-570.
- Weaver, C. F., **R. Rodríguez-Kábana**, N. Kokalis-Burelle, D. G. Robertson, and L. W. Wells. 1994. Partridge pea as a rotation crop for the management of *Meloidogyne arenaria* in peanut. *Proceedings APRES* 26: 58.
- **Rodríguez-Kábana, R.**, N. Kokalis-Burelle, D. G. Robertson, and L. Wells. 1994. Evaluation of sesame for control of *Meloidogyne arenaria* and *Sclerotium rolfsii* in peanut. *Proceedings APRES* 26: 57.
- King, P. S., **R. Rodríguez-Kábana**, L. W. Wells, D. G. Robertson, and C. F. Weaver. 1994. Coastal bermudagrass, cotton, and bahiagrass as rotation crops for the management of root-knot and southern blight in peanut. *Proceedings APRES* 26: 58.
- Marull, J., J. Pinochet, **R. Rodríguez-Kábana** and A. Herrero. 1994. Uso de residuos urbanos y agrícolas para el control de nematodos agalladores en tomate y pimiento. *Proceedings VII Congreso de la Sociedad Española de Fitopatología*. p. 30.
- Vargas, R., and **R. Rodríguez-Kábana**. 1994. Nematode populations in a rotation program with velvetbean and nematode-host and non-host grass species. *Phytopathology* 84: 777 (Abstr.).
- Weaver, C.F., **R. Rodríguez-Kábana**, and D.B. Weaver. 1993. Velvetbean for the management of nematode problems in soybean. *Proceedings of the Southern Soybean Disease Workers Twentieth Annual Meeting*. p. 19.
- King, P.S. and **R. Rodríguez-Kábana**. 1993. Soybean-peanut rotations for the management of nematode problems in peanut. *Proceedings of the Southern Soybean Disease Workers Twentieth Annual Meeting*. p. 18.
- Robertson, D.G. and **R. Rodríguez-Kábana**. 1993. Soybean-cotton rotations for the management of plant-parasitic nematodes. *Proceedings of the Southern Soybean Disease Workers Twentieth Annual Meeting*. p. 17.

- **Rodríguez-Kábana, R.** 1993. The management of nematode problems with corn and soybean rotations: A ten-year study. Proceedings of the Southern Soybean Disease Workers Twentieth Annual Meeting. p. 20.
- **Rodríguez-Kábana, R.** 1993. Cropping systems for the management of plant-parasitic nematodes. *Nematropica* 23: 130.
- **Rodríguez-Kábana, R.**, D.I. Bransby, and D.G. Robertson. 1993. Annual warm-weather grasses for the management of nematode problems. *Nematropica* 23: 130.
- **Rodríguez-Kábana, R.**, D.G. Robertson, and J.S. Bannon. 1993. Bahiagrass-cotton rotations for the management of nematode problems. *Nematropica* 23: 130.
- Pinochet, J., J. Marull, **R. Rodríguez-Kábana**, A. Felipe, and C. Fernández. 1993. Pathogenicity of *P. vulnus* on plum. *Nematropica* 23: 129.
- **Rodríguez-Kábana, R.** 1993. Cropping systems for the management of phytoneematodes. Idaho Potato Seminar.
- Soler-Serratos, A., **R. Rodríguez-Kábana**, G. Morgan-Jones, and J.A. McInroy. 1993. Effects of thymol, a naturally occurring nematicide, on soil microflora. *Phytopathology* 83: 468.
- King, P.S., **R. Rodríguez-Kábana**, D.G. Robertson, and L.W. Wells. 1993. Fall application of I,3-D for control of root-knot nematode. Proceedings of the American Peanut Research and Education Society. 25: 63.
- Weaver, C.F., **R. Rodríguez-Kábana**, D.G. Robertson, and L.W. Wells. 1993. Velvetbean for the management of root-knot in peanut. Proceedings of the American Peanut Research and Education Society. 25: 63.
- Robertson, D.G., **R. Rodríguez-Kábana**, and L.W. Wells. 1993. Soybean-peanut rotations for the management of nematode problems in peanut. Proceedings of the American Peanut Research and Education Society. 25: 64.
- King, P.S., **R. Rodríguez-Kábana**, D.G. Robertson, and L.W. Wells. 1993. Fall application of I,3-D for control of root-knot nematodes. *Journal of Nematology* 26: 106.
- Weaver, C.F., **R. Rodríguez-Kábana**, D.G. Robertson, and L.W. Wells. 1993. Velvetbean for the management of nematodes in peanut. *Journal of Nematology* 26: 124.
- Kokalis-Burelle, N., **R. Rodríguez-Kábana**, C.F. Weaver, and P.S. King. 1993. Effects of pine bark on soil enzyme activity, microflora, and nematode populations. *Phytopathology* 83: 1417.
- Fernández, C., J. Pinochet, and **R. Rodríguez-Kábana**. 1993. Temperature and resistance of *Prunus* rootstock to *Meloidogyne incognita*. *Journal of Nematology* 26: 99.
- Soler-Serratos, A., **R. Rodríguez-Kábana**, C.F. Weaver, P.S. King, and J.A. McInroy. 1993. Monoterpenes of natural origin for control of phytoparasitic nematodes. *Phytopathology* 83: 1351.

- Bauske, E.M., V. Estaun, **R. Rodríguez-Kábana**, and J.W. Kloepper. 1993. Effects of naturally occurring aromatic compounds on parasitic nematodes in cotton. *Phytopathology* 83: 1400.
- Bauske, E.M., J.W. Kloepper, and **R. Rodríguez-Kábana**. 1993. Effects of naturally occurring aromatic compounds on bacterial populations in soil. *Phytopathology* 83: 1418.
- **Rodríguez-Kábana, R.** 1993. Nematode control through the use of organic amendments. 6th International Congress of Plant Pathology. p. 17.
- **Rodríguez-Kábana, R.**, P.S. King, D.G. Robertson, and L.W. Wells. 1992. Velvetbean for the management of root-knot and southern blight in peanut. *Journal of Nematology* 24: 615.
- **Rodríguez-Kábana, R.**, D.G. Robertson, and L.W. Wells. 1992. Delayed planting for the management of root-knot in peanut. *Journal of Nematology* 24: 615.
- **Rodríguez-Kábana, R.**, C.F. Weaver, and D.G. Robertson. 1992. Furfural- A natural fumigant for control of plant-parasitic nematodes. *Journal of Nematology* 24: 615.
- Gazaway, W.S., D. Rush, and **R. Rodríguez-Kábana**. 1992. Effect of nematicides on cotton production in fields infested with the reniform nematode, *Rotylenchulus reniformis*. *Journal of Nematology* 24: 591.
- Kokalis-Burelle, N., **R. Rodríguez-Kábana**, C.F. Weaver, and P.S. King. 1992. Control of *Meloidogyne arenaria* on soybean in greenhouse tests using powdered pine bark. *Phytopathology* 82: 1095.
- Runion, G.B., E.A. Curl, **R. Rodríguez-Kábana**, P.A. Backman, H.H. Rogers, and B.E. Helms. 1992. Effects of CO₂ enrichment of microbial populations in the rhizosphere and phyllosphere of cotton. *Phytopathology* 82: 1099.
- Soler, A., **R. Rodríguez-Kábana**, C.F. Weaver, and P.S. King. 1992. Effect of single and combined applications of two naturally occurring phenolic compounds on soil nematode populations. *Phytopathology* 82: 1069.
- Pinochet, J., **R. Rodríguez-Kábana**, and J. Marull. 1992. Host suitability of pecan cultivars to *Meloidogyne javanica* and *Pratylenchus vulnus*. *Nematropica* 22: 132.
- **Rodríguez-Kábana, R.** 1992. Cropping systems for the management of phytonematodes. *Nematropica* 22: 133.
- **Rodríguez-Kábana, R.**, D.G. Robertson, and L.W. Wells. 1992. Delayed planting for the management of root-knot in peanut. *Nematropica* 22: 134.
- **Rodríguez-Kábana, R.** and J. Pinochet. 1992. Olive pomace for control of root-knot nematode. *Nematropica* 22: 134.
- **Rodríguez-Kábana, R.**, D.G. Robertson, and L.W. Wells. 1992. Velvetbean for the management of root-knot and southern blight in peanut. *Nematropica* 22: 134.

- **Rodríguez-Kábana, R.**, J. Pinochet, and C. Calvet. 1992. Nematicidal properties of olive pomace distillates. *Nematropica* 22: 134.
- Robertson, D.G., **R. Rodríguez-Kábana**, and L. Wells. 1992. Hairy indigo for the management of *Meloidogyne arenaria* in peanut. Proceedings of the American Peanut Research and Education Society. 24: 41.
- **Rodríguez-Kábana, R.**, D. B. Weaver, D. G. Robertson, E. L. Carden, and M. D. Pegues. 1991. Long-term effects of bahiagrass-soybean rotation on soybean yields in a field infested with *Meloidogyne arenaria* and *Heterodera glycines*. Proceedings of the Southern Soybean Disease Workers. p. 26.
- **Rodríguez-Kábana, R.**, D. B. Weaver, D. G. Robertson, R. W. Young, E. L. Carden, and M. D. Pegues. 1991. Sorghum-soybean rotation for the management of root-knot and cyst nematodes in south Alabama. Proceedings of the Southern Soybean Disease Workers. p. 27.
- **Rodríguez-Kábana, R.**, D. G. Robertson, L. Wells, and P. S. King. 1991. Soybean-peanut rotations for the management of *Meloidogyne arenaria*. Proceedings of the Southern Soybean Disease Workers. p. 24.
- **Rodríguez-Kábana, R.**, D. B. Weaver, D. G. Robertson, C. F. Weaver, E. L. Carden, and M. D. Pegues. 1991. Tropical corn-soybean rotation in a field infested with root-knot and cyst nematodes. Proceedings of the Southern Soybean Disease Workers p.25.
- **Rodríguez-Kábana, R.**, P. S. King, D. G. Robertson, and L. Wells. 1991. Soybean-peanut rotations for the management of *Meloidogyne arenaria*. *Nematropica* 21 (IN PRESS).
- **Rodríguez-Kábana, R.**, J. Pinochet, D. G. Robertson, and L. Wells. 1991. Velvetbean (*Mucuna deeringiana*) for the management of *Meloidogyne* spp.: host range and crop rotation studies. *Nematropica* 21 : 132.
- **Rodríguez-Kábana, R.**, D. G. Robertson, L. Wells, C. F. Weaver, and P. S. King. 1991. Cotton as a rotation crop for the management of root-knot nematode (*Meloidogyne arenaria*) in peanut. *Nematropica* 21: 132-133.
- **Rodríguez-Kábana, R.**, C. F. Weaver, D. G. Robertson, and L. Wells. 1991. American jointvetch and partridge pea for the management of *Meloidogyne arenaria* in peanut. *Nematropica* 21: 133.
- **Rodríguez-Kábana, R.**, R. W. Young, D. G. Robertson, and L. Wells. 1991. Rotations of bahiagrass and castorbean with peanut for the management of *Meloidogyne arenaria*. *Nematropica* 21: 133.
- Pinochet, and **R. Rodríguez-Kábana**. 1991. Evaluation of leguminous crops to three root-knot nematode species. *Nematropica* 21: 130.
- Devidas, P., L. Rehberger, and **R. Rodríguez-Kábana**. 1991. A novel nematicide of microbial origin. *Nematropica* 21: 124.

- Gazaway, W., and **R. Rodríguez-Kábana**. 1991. The effect of various aldicarb and 1,3-dichloropropene rates on reniform nematode in cotton. *Nematropica* 21: 125.
- Kokalis-Burelle, N., P. A. Backman, **R. Rodríguez-Kábana**, and L. D. Plopper. 1991. Chitin as a foliar amendment to modify microbial ecology and control disease. *Phytopathology* 81: 1152.
- Davis, R. F., P. A. Backman, **R. Rodríguez-Kábana**, and N. Kokalis-Burelle. 1991. Control of apple fruit diseases by *Chaetomium globosum* formulations containing a carbon source. *Phytopathology* 81: 1152.
- **Rodríguez-Kábana, R.**, D. B. Weaver, D. G. Robertson, E. L. Carden, and M. D. Pegues. 1991. Additional studies on the use of bahiagrass for the management of root-knot and cyst nematodes in soybean. *Phytopathology* 81: 1160.
- Canullo, G. H., J. W. Kloepper, and **R. Rodríguez-Kábana**. 1991. Changes in populations of microorganisms associated with the application of soil amendments to control *Sclerotium rolfsii*. *Phytopathology* 81: 1165.
- Zablotowicz, R. IM., D. C. Bierle, M. L. Matheney, C. Faye Rudolph, J. W. Kloepper, **R. Rodríguez-Kábana**, B. Herzfeldt, R. Heier, and M. Yorke. 1991. Bacterial biocontrol of soybean cyst nematode. *Phytopathology* 81: 1179.
- Canullo, G. H., J. W. Kloepper, and **R. Rodríguez-Kábana**. 1991. Furfuraldehyde for control of *Sclerotium rolfsii*. *Phytopathology* 81: 1215.
- Weaver, D. B., **R. Rodríguez-Kábana**, and E. L. Carden. 1989. Effect of bahiagrass as a rotation crop on yield and nematode numbers of soybean. *Agronomy Abstracts*. p. 147.
- Ru-Ju, Chian, and **R. Rodríguez-Kábana**. 1990. Guanidine hydrochloride as soil amendment for nematode control. *Phytopathology* 80: 1012.
- Canullo, G. H., and **R. Rodríguez-Kábana**. 1990. Use of slow release fertilizers for control of *Sclerotium rolfsii*. *Phytopathology* 80: 1024.
- Young, R. W., **R. Rodríguez-Kábana**, D. G. Robertson, and E. L. Carden. 1990. Performance of selected nematicides in a field infested with root-knot and cyst nematodes. *Proceedings of the Southern Soybean Disease Workers*. p. 27.
- Robertson, D. G., **R. Rodríguez-Kábana**, D. B. Weaver, and E. L. Carden. 1990. Performance of selected soybean cultivars in a field infested with *Meloidogyne arenaria* and *Heterodera glycines*. *Proceedings of the Southern Soybean Disease Workers*. p. 28.
- Weaver, C. F., **R. Rodríguez-Kábana**, D. B. Weaver, and E. L. Carden. 1990. Sorghum-soybean rotation for the management of root-knot and cyst nematodes: long-term effects. *Proceedings of the Southern Soybean Disease Workers*. p. 29.
- King, P. S., **R. Rodríguez-Kábana**, D. B. Weaver, and E. L. Carden. 1990. Bahiagrass-soybean rotation for the management of root-knot and cyst nematodes: long-term effects. *Proceedings of the Southern Soybean Disease Workers*. p. 30.

- **Rodríguez-Kábana, R.**, D. G. Robertson, and L. Wells. 1990. Peanut-soybean rotation for the management of *Meloidogyne arenaria*. Proceedings of the Southern Soybean Disease Workers. p. 31.
- Weaver, D. B., **R. Rodríguez-Kábana**, and E. L. Carden. 1990. Field evaluation of polyspecific nematode resistance in soybean. Proceedings of the Southern Soybean Disease Workers. p. 32.
- **Rodríguez-Kábana, R.**, C. F. Weaver, D. G. Robertson, and E. L. Carden. 1990. Long-term effects of selected rotations with soybeans and corn on populations of *Meloidogyne arenaria*. Proceedings of the Southern Soybean Disease Workers. p. 33.
- **Rodríguez-Kábana, R.**, D. B. Weaver, C. F. Weaver, D. G. Robertson, and E. L. Carden. 1989. Evaluation of sorghum for the management of soybean nematodes. Journal of Nematology 21(4): 584.
- **Rodríguez-Kábana, R.**, D. B. Weaver, D. G. Robertson, and E. L. Carden. 1989. Bahiagrass for the management of nematodes in soybean. Journal of Nematology 21(4): 584.
- Weaver, C. F., **R. Rodríguez-Kábana**, D. G. Robertson, L. Wells, and P. S. King. 1989. Crops uncommon to Alabama for the management of *Meloidogyne arenaria* in peanut. Journal of Nematology 21(4): 594.
- Young, R. W., **R. Rodríguez-Kábana**, D. B. Weaver, D. G. Robertson, and E. L. Carden. 1989. Hairy indigo for the management of soybean nematodes. Journal of Nematology 21(4): 596.
- King, P. S., **R. Rodríguez-Kábana**, D. G. Robertson, and L. Wells. 1989. Preplant applications of metam-sodium for control of *Meloidogyne arenaria* in peanut: Relative efficacy and rates. Journal of Nematology 21(4): 569.
- García-Espinosa, R., **R. Rodríguez-Kábana**, and P. A. Backman. 1989. Inoculum density of *Pythium myriotylum* and its relation to peanut plant vigor. Phytopathology 79: 1167.
- **Rodríguez-Kábana, R.**, D. Boube, and R. W. Young. 1989. Chitinous materials from blue crab for control of root-knot nematode. I. Effect of urea and enzymatic studies. Nematropica 19(1): 17-18.
- **Rodríguez-Kábana, R.**, D. B. Weaver, D. G. Robertson, P. S. King, and E. L. Carden. 1989. An evaluation of American jointvetch in rotation with selected soybean cultivars for control of root-knot and cyst nematodes. Proceedings Southern Soybean Disease Workers. p. 34.
- **Rodríguez-Kábana, R.**, D. B. Weaver, C. F. Weaver, D. G. Robertson, and E. L. Carden. 1989. Efficacy of sorghum in rotation with soybean for the management of cyst and root-knot nematodes. Proceedings Southern Soybean Disease Workers. p. 33.
- **Rodríguez-Kábana, R.**, D. B. Weaver, D. G. Robertson, R. W. Young, and E. L. Carden. 1989. The value of hairy indigo for the management of root-knot and cyst nematodes in soybean. Proceedings Southern Soybean Disease Workers. p. 27.

- **Rodríguez-Kábana, R.**, D. B. Weaver, D. G. Robertson, and E. L. Carden. 1989. The use of bahiagrass for the management of root-knot and cyst nematodes in selected soybean cultivars. Proceedings Southern Soybean Disease Workers. p. 26.
- Weaver, C. F., **R. Rodríguez-Kábana**, H. Ivey. 1988. Evaluation of selected sequences for the management of nematodes in a soybean-peanut production system. Proceedings Southern Soybean Disease Workers. p. 20.
- Weaver, D. B., **R. Rodríguez-Kábana**, D. G. Robertson, E. L. Carden, and R. Akridge. 1988. Evaluation of soybean cultivars for the management of root-knot and cyst nematodes in a corn-soybean production system. Proceedings from Southern Soybean Disease Workers. p. 21.
- King, P. S., **R. Rodríguez-Kábana**, D. R. Robertson, C. F. Weaver, and E. L. Carden. 1988. New crops with potential for the management of soybean nematodes. Proceedings Southern Soybean Disease Workers. p. 22.
- **Rodríguez-Kábana, R.**, D. G. Robertson, and C. F. Weaver. 1988. Soybean meal and urea for control of plant parasitic nematodes. Proceedings Southern Soybean Disease Workers. p. 23.
- **Rodríguez-Kábana, R.**, D. G. Robertson, and C. F. Weaver. 1988. Soybean meal and urea for control of plant parasitic nematodes. Journal of Nematology 20: p. 658.
- **Rodríguez-Kábana, R.**, D. G. Robertson, H. Ivey, and C. F. Weaver. 1988. Evaluation of soybean cultivar tolerant to root-knot nematode for the management of *M. arenaria* in a peanut-soybean rotation. Journal of Nematology 20: 658.
- King, P. S., **R. Rodríguez-Kábana**, D. G. Robertson, and H. Ivey. Field study on cotton, peanut and crops uncommon in Alabama and root-knot nematodes. Journal of Nematology 20: 644.
- Weaver, C. F., **R. Rodríguez-Kábana**, D. G. Robertson, and H. Ivey. 1988. Bahiagrass-peanut rotation for the management of root-knot nematodes. Journal of Nematology 20: 663.
- Young, R. W., **R. Rodríguez-Kábana**, and P. S. King. 1988. Hairy indigo for the management of *Meloidogyne arenaria* in peanut. Journal of Nematology 20: 665.
- Weaver, D. B., and **R. Rodríguez-Kábana**. 1988. Effect of crop rotation on soybean in a field infested with root-knot and cyst nematodes. Agronomy Abstracts. p. 142.
- **Rodríguez-Kábana, R.**, and C. F. Weaver. 1987. Urea and a chitinous material from blue crab for control of root-knot nematode. Nematropica 18: 20.
- **Rodríguez-Kábana, R.**, and D. G. Robertson. 1987. Chitinous materials from blue crab for control of root-knot nematodes. Nematropica 18: 19.
- **Rodríguez-Kábana, R.**, and P. S. King. 1987. Passion fruit and naranjilla as hosts for soybean nematodes. Nematropica 18: 19.

- Weaver, C. F., and **R. Rodríguez-Kábana**. 1987. Nematicide seed treatments for control of soybean nematodes. *Journal of Nematology* 19: 561.
- **Rodríguez-Kábana, R.**, D. G. Robertson, P. S. King, and C. F. Weaver. 1987. Evaluation of nematicides for control of root-knot and cyst nematodes in a nematode-tolerant soybean cultivar. *Journal of Nematology* 19: 554.
- **Rodríguez-Kábana, R.**, and G. Morgan-Jones. 1987. Potential for nematode control by mycofloras endemic in the tropics. *Journal of Nematology* 19: 553.
- King, P. S., and **R. Rodríguez-Kábana**. 1987. Metam-sodium for control of nematodes in peanut and soybean. *Journal of Nematology* 19: 535.
- Herbert, D. A., P. A. Backman, T. P. Mack, **R. Rodríguez-Kábana**, and M. Schwartz. 1987. A profit-critical integrated pest management model for Alabama soybean. *Proceedings Southern Soybean Disease Workers*. p. 87.
- **Rodríguez-Kábana, R.**, P. S. King, and D. G. Robertson. 1987. Application depth of 1,3-D and yield response of soybean in a field infested with root-knot and cyst nematodes. *Proceedings of Southern Soybean Disease Workers*. p.83.
- **Rodríguez-Kábana, R.**, C. F. Weaver, and D. G. Robertson. 1987. Seed treatments with aldoxycarb for the management of root-knot and cyst nematodes in soybean under field conditions. *Proceedings of Southern Soybean Disease Workers*. p. 82.
- Weaver, D. B., **R. Rodríguez-Kábana**, and E. Snoddy. 1987. Effect of cotton complex nematodes on seed yields of soybean. *Proceedings of Southern Soybean Disease Workers*. p. 80.
- Weaver, D. B., **R. Rodríguez-Kábana**, and P. S. King. 1986. Soybean cultivar performance in a field infested with mixtures of cyst and root-knot nematodes. *Agronomy Abstracts*. p. 87.
- **Rodríguez-Kábana, R.**, and G. Morgan-Jones. 1986. Biological control for the management of nematodes. *Journal of Nematology* 18: 596.
- **Rodríguez-Kábana, R.**, and G. Morgan-Jones. 1986. Effectiveness of *Paecilomyces lilacinus* against root-knot nematodes. *Journal of Nematology* 18: 640.
- King, P. S., and **R. Rodríguez-Kábana**. 1986. Application depth and efficacy of 1,3-D for control of root-knot nematodes in peanut. *Journal of Nematology* 18: 639.
- Weaver, C. F., E. L. Snoddy, and **R. Rodríguez-Kábana**. 1986. Population dynamics of root-knot nematode in Florunner peanut. *Journal of Nematology* 18: 635.
- Culbreath, A. K., **R. Rodríguez-Kábana**, and G. Morgan-Jones. 1986. Chitin and *Paecilomyces lilacinus* for control of *Meloidogyne arenaria*. *Journal of Nematology* 18: 604.
- Schwartz, M., and **R. Rodríguez-Kábana**. 1986. A management model for nematodes in soybeans. *Proceedings of Southern Soybean Disease Workers*. p. 72.

- Weaver, C. F., and **R. Rodríguez-Kábana**. 1986. Nematicide seed treatment for control of soybean nematodes: Propects. Proceedings Southern Soybean Disease Workers. p. 71.
- Robertson, D. G., and **R. Rodríguez-Kábana**. 1986. Further studies on performance of soybean cultivars in fields with mixed populations of root-knot and cyst nematodes. Proceedings Southern Soybean Disease Workers. p. 67.
- King, P. S., and **R. Rodríguez-Kábana**. 1986. New uses for old fumigants: Control of soybean nematodes with methyl bromide and methyl isothiocyanate. Proceedings Southern Soybean Disease Workers. p. 66.
- **Rodríguez-Kábana, R.**, and E. L. Carden. 1986. Rotation with corn and soybeans for the management of cyst and root-knot nematodes. Proceedings Southern Soybean Disease Workers. p. 7.
- Schwartz, M., **R. Rodríguez-Kábana**, and P. A. Backman. 1986. A correlative model predicting yield of soybean in a field infested with root-knot and cyst nematodes. Phytopathology 76: 376.
- Morgan-Jones, G., and **R. Rodríguez-Kábana**. 1985. Fungi associated with the pathology of potato cyst nematodes in Peru. Nematopica 15:120.
- Weaver, D. B., and **R. Rodríguez-Kábana**. 1985. Performance of soybean cultivars in a field soil infested with *Meloidogyne incognita* and *Heterodera glycines*. Phytopathology 75: 1180.
- **Rodríguez-Kábana, R.**, and G. Morgan-Jones. 1985. Effect of species of *Gliocladium* of *Meloidogyne arenaria* in field soil. Phytopathology 75: 1179.
- Morgan-Jones, G., and **R. Rodríguez-Kábana**. 1985. Fungi associated with cysts of *Heterodera glycines* in the Cauca Valley, Colombia. Phytopathology 75:1178.
- Culbreath, A. K., **R. Rodríguez-Kábana**, and G. Morgan-Jones. 1985. The use of hemicellulosic waste matter for reduction of the phytotoxic effects of chitin and control of root-knot nematodes. Journal of Nematology 17: 494.
- **Rodríguez-Kábana, R.** 1985. Organic and inorganic nitrogen soil amendments as nematode suppressants. Journal of Nematology 17: 513.
- **Rodríguez-Kábana, R.**, D. B. Weaver, and P. S. King. 1985. Soybean cultivars in fields with mixtures of cyst and root-knot nematodes. Phytopathology 75: 1305.
- Weaver, C., and **R. Rodríguez-Kábana**. 1985. Seed treatment for control of nematodes in wheat and rye. Nematopica 15: 125.
- King, P. S., **R. Rodríguez-Kábana**, and D. G. Robertson. 1985. 1,3-D for control of *Meloidogyne arenaria* in peanut. Nematopica 15: 119.
- **Rodríguez-Kábana, R.**, and H. Ivey. 1985. Crop rotation systems for control of *Meloidogyne arenaria* in peanut. Nematopica 15: 122-123.

- Culbreath, A. K., **R. Rodríguez-Kábana**, and G. Morgan-Jones. 1985. The use of chitin and cellulose for reduction of the phytotoxic effects of chitin and control of root-knot nematodes. *Nematropica* 15: 117.
- **Rodríguez-Kábana, R.**, and P. S. King. 1985. Evaluation of selected nematicides for control of *Meloidogyne arenaria* in peanut. Proceedings of the American Peanut Research and Education Society 17: 40.
- **Rodríguez-Kábana, R.**, C. F. Weaver, and H. Ivey. 1985. The effect of selected rotation systems with peanut, soybean, and corn on populations of *Meloidogyne arenaria*. Proceedings of the American Peanut Research and Education Society 17: 40.
- **Rodríguez-Kábana, R.** 1985. Nematicide seed treatment for control of nematodes in cotton. Proceedings of the Beltwide Cotton Production Research Conferences. p. 18.
- **Rodríguez-Kábana, R.**, P. S. King, D. G. Robertson, and C. F. Weaver. 1985. Use of 1,3-D fumigant for control of plant-parasitic nematodes in soybeans. Proceedings of the Southern Soybean Disease Workers. p.76.
- **Rodríguez-Kábana, R.**, C. F. Weaver, D. G. Robertson, and P. S. King. 1985. Combination treatments of EDB and aldicarb for control of nematodes in soybeans. Proceedings of the Southern Soybean Disease Workers. p. 75.
- Morgan-Jones, G., and **R. Rodríguez-Kábana**. 1984. Species of *Verticillium* and *Paecilomyces* as parasites of cysts and root-knot nematodes. *Phytopathology* 74: 831.
- Morgan-Jones, G., and **R. Rodríguez-Kábana**. 1984. Involvement of fungi in phytonematode pathology. Proceedings of the Southern Soybean Disease Workers. p. 15.
- **Rodríguez-Kábana, R.**, and D. B. Weaver. 1984. Soybean cultivars and development of *Meloidogyne incognita* in soil: a concept of tolerance. Proceedings of the Southern Soybean Disease Workers. p. 10.
- **Rodríguez-Kábana, R.**, and G. Morgan-Jones. 1984. Effect of species of *Gliocladium* on *Meloidogyne arenaria* in field soil. *Phytopathology* 74:
- Morgan-Jones, G., J. F. White, and **R. Rodríguez-Kábana**. 1984. Parasitism of *Meloidogyne arenaria* eggs by *Paecilomyces lilacinus* and *Verticillium chlamyosporium*. *Phytopathology* 74: 1015.
- **Rodríguez-Kábana, R.**, and G. Morgan-Jones. 1984. Fungi associated with several developmental stages of *Heterodera glycines* from an Alabama soybean field. *Phytopathology* 74:1016.
- Morgan-Jones, G., and **R. Rodríguez-Kábana**. 1984. Species of *Verticillium* and *Paecilomyces* as parasites of cyst and root-knot nematodes. *Phytopathology* 74: 831.
- **Rodríguez-Kábana, R.**, and D. B. Weaver. 1984. Soybean cultivars and development of populations of *Meloidogyne incognita* in soil: A concept of tolerance. Proceedings of the First International Congress of Nematology. p. 87.

- Morgan-Jones, G., and **R. Rodríguez-Kábana**. 1984. Pathology of cysts and eggs of phytonematodes in the southeastern United States. Proceedings of the First International Congress of Nematology. p. 67.
- King, P. S., **R. Rodríguez-Kábana**, and J. T. Touchton. 1984. Corn and sorghum as rotational crops for control of *Meloidogyne arenaria* in peanuts. Proceedings of the First International Congress of Nematology. p. 51.
- Culbreath, A. K., **R. Rodríguez-Kábana**, G. Morgan-Jones. 1984. Disc method for isolating fungi parasitic of nematode eggs. Proceedings of the First International Congress of Nematology. p. 22.
- **Rodríguez-Kábana, R.** 1984. Population dynamics and the management of *Meloidogyne arenaria* in peanuts. Proceedings of the American Peanut Research and Education Society 16: 54.
- King, P. S., **R. Rodríguez-Kábana**, and J. T. Touchton. 1984. Corn and sorghum as rotational crops for control of *Meloidogyne arenaria* in peanuts. Proceedings of the American Peanut Research and Education Society 16: 15.
- Weaver, C. F., **R. Rodríguez-Kábana**, and P. S. King. 1984. Combinations of 1,3-D and aldicarb for control of *Meloidogyne arenaria* in peanuts. Proceedings of the American Peanut Research and Education Society 16: 14.
- **Rodríguez-Kábana, R.**, A. K. Culbreath, and D. G. Robertson. 1984. Population dynamics of *Meloidogyne arenaria* in a peanut field. Proceedings of the American Peanut Research and Education Society 16: 14.
- Touchton, J. T., **R. Rodríguez-Kábana**, R. A. Shelby, and G. W. Martin. 1983. The effects of ethylenedibromide (EDB) on corn and yield. Agronomy Abstracts 75: 181.
- Backman, P. A., and **R. Rodríguez-Kábana**. 1983. Detection and quantification of warning thresholds for disease control. Proceedings of the IV International Congress of Plant Pathology 4: 13.
- **Rodríguez-Kábana, R.**, P. S. King, J. C. Williams, and R. A. Shelby. 1983. Assessment of peanut yield losses caused by *Meloidogyne arenaria*. Proceedings of the American Peanut Research and Education Society 15: 105.
- Gintis, B. O., G. Morgan-Jones, and **R. Rodríguez-Kábana**. 1983. Fungi associated with female and young cysts of *Heterodera glycines* in Alabama soil. Journal of Nematology 15: 487.
- Mian, I. H., **R. Rodríguez-Kábana**, and P. S. King. 1983. Organic amendments with tannin and phenolic contents for control of *Meloidogyne arenaria* in infested soil. Journal of Nematology 15: 485.
- **Rodríguez-Kábana, R.**, and P. S. King. 1983. Assessment of peanut yield losses caused by *Meloidogyne arenaria*. Journal of Nematology 15: 482.
- Godoy, G., **R. Rodríguez-Kábana**, and G. Morgan-Jones. 1983. Fungal parasites of *Meloidogyne arenaria* eggs in an Alabama soil. Nematropica 13: 113.

- Godoy, G., **R. Rodríguez-Kábana**, P. S. King, and G. Morgan-Jones. 1983. Chitin amendments for control of *Meloidogyne arenaria* in infested soil. II. Effects on microbial populations. *Nematropica* 13: 113.
- Huebner, R. A., **R. Rodríguez-Kábana**, and R. M. Patterson. 1983. Hemicellulosic waste and urea for control of plant parasitic nematodes: Effect on soil enzyme activities. *Nematropica* 13: 115.
- Mian, I. H., G. Godoy, and **R. Rodríguez-Kábana**. 1982. Chitin amendments for control of *Meloidogyne arenaria* in infested soil. *Nematropica* 12: 160.
- Shelby, R., P. S. King, M. H. Pope, and **R. Rodríguez-Kábana**. 1982. Reaction of corn (*Zea mays* L.) inbred lines to *Meloidogyne incognita* and other nematode species. *Journal of Nematology* 14: 470.
- Gintis, B. O., G. Morgan-Jones, and **R. Rodríguez-Kábana**. 1982. Fungal colonization of young cysts of *Heterodera glycines* in soybean field soils. *Journal of Nematology* 14: 464.
- Godoy, G., **R. Rodríguez-Kábana**, and G. Morgan-Jones. 1982. Chitinolytic activity of fungi isolated from cysts and eggs of *Heterodera glycines* from Alabama, Arkansas, Florida, Mississippi, and Missouri soils. *Journal of Nematology* 14: 441.
- **Rodríguez-Kábana, R.**, P. S. King, R. A. Shelby, and M. H. Pope. 1982. Combinations of anhydrous ammonia and 1,3-D for control of root-knot nematodes on soybeans. *Journal of Nematology* 14: 450.
- **Rodríguez-Kábana, R.**, P. S. King, and M. H. Pope. 1982. Comparison of in-furrow, banded, and combination banded + in-furrow treatments for control of the peanut root-knot nematode. *Proceedings of the American Peanut Research and Education Society* 14.
- **Rodríguez-Kábana, R.**, R. A. Shelby, P. S. King, and M. H. Pope. 1982. Application time and effectiveness of four systemic nematicides against *Meloidogyne arenaria* on Florunner peanuts. *Proceedings of the American Peanut Research and Education Society* 14.
- **Rodríguez-Kábana, R.** 1982. Comparison of in-furrow applications and banded treatments for control of *Meloidogyne arenaria* in soybean fields in Alabama. *Proceedings of the Southern Soybean Disease Workers*. p. 34.
- Backman, P. A., **R. Rodríguez-Kábana**, and J. D. Harper. 1981. Effects of foliar-applied pesticides on plant-parasitic nematodes. *Nematropica* 11: 2.
- Huebner, A., and **R. Rodríguez-Kábana**. 1981. Use of hemicellulose waste and urea for control of plant-parasitic nematodes. *Phytopathology* 71: 882.
- **Rodríguez-Kábana, R.**, P. S. King, and M. H. Pope. 1981. Combinations of anhydrous ammonia and ethylene dibromide for control of nematodes parasitic of soybeans. *Journal of Nematology* 13: 459.

- **Rodríguez-Kábana, R.**, and P. S. King. 1981. The effect of methods of application on the efficacy of selected systemic nematicides for control of *Meloidogyne arenaria* on Florunner peanuts and soybeans. Proceedings of the American Peanut Research and Education Society 13.
- Morgan-Jones, G., and **R. Rodríguez-Kábana**. 1981. Fungi associated with cysts of *Heterodera glycines* in an Alabama soil. Nematropica 11: 83.
- **Rodríguez-Kábana, R.**, P. S. King, and M. H. Pope. 1981. Combinations of ethylene dibromide and anhydrous ammonia for control of nematodes parasitic of soybeans. Nematropica 11: 90.
- Mawhinney, P. G., **R. Rodríguez-Kábana**, and P. S. King. 1980. Control of root-knot nematodes and the Colorado potato beetle on potatoes with in-furrow applications of nematicides. Phytopathology 70: 240.
- Backman, P. A., M. A. Abdel-Rehim, and **R. Rodríguez-Kábana**. 1980. Effects of peanut seed treatments on *Rhizobium*. Proceedings of the American Peanut Research and Education Society 12: 65.
- Abdel-Rehim, M. A., P. A. Backman, and **R. Rodríguez-Kábana**. 1980. Influence of hot water treatments of peanut seed on germination and damping off. Phytopathology 70: 198.
- Abdel-Rehim, M. A., **R. Rodríguez-Kábana**, P. A. Backman, and M. A. Crawford. 1980. Improvement of peanut germination with hot water and acetone treatments. Proceedings of the American Peanut Research and Education Society 12: 65.
- **Rodríguez-Kábana, R.** 1980. Nematode problems in the Southeast. Proceedings of the Southern Soybean Disease Workers. p. 113.
- King, P.S., **R. Rodríguez-Kábana**, P.G. Mawhinney, and H. W. Ivey. 1980. Efficacy of planting-time injections to soil of liquid formulations of three systemic nematicides against root-knot nematodes in peanuts. Journal of Nematology 12: 228.
- Escobar, J., and **R. Rodríguez-Kábana**. 1980. Comparison between a flotation method and a sieving method for determination of *Radopholus similis* in banana roots. Nematropica 10: 65.
- **Rodríguez-Kábana, R.**, and M. K. Beute. 1979. A method for determining numbers of sclerotia produced by the southern blight fungus *Sclerotium rolfsii*. Proceedings of the American Peanut Research and Education Society 10: 53.
- **Rodríguez-Kábana, R.** 1979. Effects of salts of lower fatty acids on *Sclerotium rolfsii* and species of *Trichoderma* in soil. Phytopathology 69: 532.
- **Rodríguez-Kábana, R.**, H. W. Penick, and P. S. King. 1979. Control of nematodes on soybeans with planting-time applications of ethylene dibromide. Nematropica 9: 107.
- **Rodríguez-Kábana, R.**, P. S. King, H. W. Penick, and H. Ivey. 1979. Control of root-knot nematodes on peanuts with planting-time and post-emergence applications of ethylene dibromide and an ethylene dibromide-chloropicrin mixture. Nematropica 9: 107.

- **Rodríguez-Kábana, R.**, and R. J. Collins. 1979. Relation of fertilizer treatments and cropping sequence to populations of two plant-parasitic nematode species. *Nematropica* 10:4.
- **Rodríguez-Kábana, R.** 1978. Effects of salts of lower fatty acids on *Sclerotium rolfsii* and species of *Trichoderma* in soil. Proceedings of the 3rd. International Congress of Plant Pathology.
- **Rodríguez-Kábana, R.**, and J. L. Turner. 1978. Response of sweet potato varieties to the root-knot nematode *Meloidogyne incognita* and to ectoparasitic nematodes. *Nematropica* 8: 23.
- **Rodríguez-Kábana, R.**, and P. S. King. 1978. Evaluation of several methods of application for DBCP on peanuts. *Nematropica* 8: 22.
- **Rodríguez-Kábana, R.**, and P. S. King. 1978. Dosimetric comparison of the nematicidal activities of oxamyl and phenamiphos. *Nematropica* 8: 22.
- **Rodríguez-Kábana, R.**, P. S. King, and E. G. Ingram. 1978. Urea and blackstrap molasses for control of *Meloidogyne arenaria*. *Journal of Nematology* 10: 297.
- **Rodríguez-Kábana, R.**, R. L. Haaland, C. B. Elkins, and C. S. Hoveland. 1978. Relationship of root diameter and number of roots to damage by lance nematodes to tall fescue. *Journal of Nematology* 10: 297.
- Beute, M. K., and **R. Rodríguez-Kábana**. 1978. Factors initiating epidemics of southern stem rot (white mold) disease of peanuts. Proceedings of the American Peanut Research and Education Association 10: 53.
- **Rodríguez-Kábana, R.**, D. L. Thurlow, and P. S. King. 1978. Performance of soybean cultivars against a mixed population of plant-parasitic nematodes. *Phytopathology News* 12(12): 268.
- **Rodríguez-Kábana, R.**, and M. K. Beute. 1978. Enzymatic activities of soils from pure cultures of two *Cylindrocladium* species. *Phytopathology News* 12(9): 224.
- Hammond, J. M., and **R. Rodríguez-Kábana**. 1978. Comparisons of liquid and granular formulations of ethoprop for control of root-knot nematodes in Florunner peanuts. Proceedings of the American Peanut Research and Education Association 10: 50.
- Ivey, H., **R. Rodríguez-Kábana**, and H. W. Penick. 1978. Relationship between method of incorporation and effectiveness of two nematicides against the peanut root-knot nematode. Proceedings of the American Peanut Research and Education Association 10: 50.
- **Rodríguez-Kábana, R.**, P. S. King, and J. G. Starling. 1978. Effectiveness of ethylene dibromide (EDB) and chloropicrin against root-knot nematodes in Florunner peanuts. Proceedings of the American Peanut Research and Education Association 10: 51.

- **Rodríguez-Kábana, R.**, and J. L. Turner. 1977. Susceptibility of eight sweet potato varieties to a mixed population of root-knot, lesion, and spiral nematodes. Proceedings of the American Phytopathological Society 4: 228.
- **Rodríguez-Kábana, R.**, P. S. King, G. A. Buchanan, and D. Murray. 1977. Susceptibility of common weed species to *Meloidogyne arenaria*. Proceedings of the American Phytopathological Society 4: 228.
- **Rodríguez-Kábana, R.**, E. G. Ingram, J. L. Turner, and M. H. Hollingsworth. 1977. Systemic oxamyl and phenamiphos as control agents for plant-parasitic nematodes on sweet potatoes. Proceedings of the American Phytopathological Society 4: 228.
- **Rodríguez-Kábana, R.**, J. L. Turner, and E. G. Ingram. 1977. Sweet potato seed-root treatment and control of plant-parasitic nematodes. Proceedings of the American Phytopathological Society 4: 180.
- Ingram, E. G., and **R. Rodríguez-Kábana**. 1977. Susceptibility of pigeon pea to plant-parasitic nematodes. Proceedings of the American Phytopathological Society 4: 177.
- Kelley, W. D., and **R. Rodríguez-Kábana**. 1977. Tolerance of *Trichoderma harzianum* to sodium azide. Proceedings of the American Phytopathological Society 4: 173.
- **Rodríguez-Kábana, R.**, and P. A. Backman. 1977. Effects of the nematicide DBCP on southern blight and its causal agent *Sclerotium rolfsii*. Proceedings of the American Phytopathological Society 4: 147.
- Hammond, J. M., P. A. Backman, and **R. Rodríguez-Kábana**. 1977. A method for delivery of liquid fungicides for post-emergence control of soil-borne diseases. Proceedings of the American Peanut Research and Education Association 9: 52.
- Ingram, E. G., **R. Rodríguez-Kábana**, and P. S. King. 1977. Comparison of the efficacy of ethoprop and fensulfothion in control of parasitic nematodes. Journal of Nematology 9: 272.
- **Rodríguez-Kábana, R.**, and E. G. Ingram. 1977. Effects of the fungicides benomyl and fentin hydroxide. Journal of the Alabama Academy of Science. 48: 63.
- **Rodríguez-Kábana, R.**, and P. S. King. 1977. Staining of phytoparasitic nematodes of the subfamily Hoplolaiminae. Journal of the Alabama Academy of Science 48: 62.
- **Rodríguez-Kábana, R.**, E. G. Ingram, and P. S. King. 1977. Effectiveness of nematicides in combination with the fungicide carboxin for control of root-knot nematodes and southern blight of Florunner peanuts. Proceedings of the American Peanut Research and Education Association 9: 17.
- **Rodríguez-Kábana, R.**, P. S. King, and E. G. Ingram. 1977. Spray-disk applications of DBCP for control of root-knot nematodes in Florunner peanuts. Proceedings of the American Peanut Research and Education Association 9: 18.
- **Rodríguez-Kábana, R.**, B. Truelove, and P. S. King. 1977. Seed treatment method for control of plant-parasitic nematodes on soybeans and cucumbers. Nematropica 7: 5.

- **Rodríguez-Kábana, R.**, P. S. King, and E. G. Ingram. 1977. Effects of two thiocarbamate herbicides on severity of disease caused by *Meloidogyne arenaria*. *Journal of Nematology* 9: 274.
- **Rodríguez-Kábana, R.**, P. S. King, and E. G. Ingram. 1977. Activity of the systemic insecticide disulfoton against plant parasitic nematodes. *Journal of Nematology* 9: 282.
- **Rodríguez-Kábana, R.**, and P. S. King. 1976. Activity of the insecticide phorate against root-knot nematodes. *Journal of Nematology* 8: 300.
- Adams, J. R., and **R. Rodríguez-Kábana**. 1976. Effects of 2,3,4,5-tetrachloronitrobenzene on plant-parasitic and free-living nematodes. *Journal of the Alabama Academy of Science* 47: 134.
- **Rodríguez-Kábana, R.**, P. S. King, and E. G. Ingram. 1976. Nematicidal activity of the systemic insecticide phorate in soil. *Proceedings of the American Phytopathological Society* 3: 245.
- Kelley, W. D., and **R. Rodríguez-Kábana**. 1976. Effect of annual applications of sodium azide on populations of fungi in soil. *Proceedings of the American Phytopathological Society* 3: 285.
- **Rodríguez-Kábana, R.**, and B. Truelove. 1976. A seed treatment method for control of plant-parasitic nematodes. *Proceedings of the American Phytopathological Society* 3: 297.
- **Rodríguez-Kábana, R.**, and P. S. King. 1976. Nematicidal activity of the fungicide ethazole. *Proceedings of the American Phytopathological Society* 3: 297.
- **Rodríguez-Kábana, R.**, and E. G. Ingram. 1976. Treatment of potato seed pieces with oxamyl for control of plant-parasitic nematodes. *Proceedings of the American Phytopathological Society* 3: 341.
- **Rodríguez-Kábana, R.**, C. S. Hoveland, and R. L. Haaland. 1976. Seed treatment of wheat and rye with systemic nematicides. *Proceedings of the American Phytopathological Society* 3: 341.
- **Rodríguez-Kábana, R.**, P. S. King, and P. A. Backman. 1976. Effectiveness of DBCP and PCNB tank mixtures for control of root-knot nematode and southern blight of peanuts. *Proceedings of the American Peanut Research and Education Association* 8: 98.
- **Rodríguez-Kábana, R.**, P. S. King, and P. A. Backman. 1976. Combination of nematicides and PCNB for control of southern blight x root-knot nematode complex. *Proceedings of the American Peanut Research and Education Association* 8: 98.
- Adams, J. R., and **R. Rodríguez-Kábana**. 1976. The effects of 1,2,3,4-tetrachloro-3-b-nitrobenzene on plant parasitic and free-living nematodes. *Journal of Nematology* 8: 277.
- Kelley, W. D., and **R. Rodríguez-Kábana**. 1975. Sodium azide as a soil fumigant in forest tree nurseries. *Proceedings of the American Phytopathological Society* 2: 47.

- Adams, J. R., and **R. Rodríguez-Kábana**. 1975. Effect of PCNB on root-knot nematodes (*Meloidogyne* spp.). Proceedings of the American Phytopathological Society 2: 44.
- **Rodríguez-Kábana, R.** 1975. Halogen-silver staining techniques for demonstration of cuticular details of nematodes. Proceedings of the American Phytopathological Society 2: 79.
- **Rodríguez-Kábana, R.**, and W. D. Kelley. 1975. Comparison of the nematicidal effects of sodium azide and methyl bromide in pine nursery beds. Proceedings of the American Phytopathological Society 2: 140.
- **Rodríguez-Kábana, R.**, and P. S. King. 1975. Use of sodium azide for control of soilborne pathogens in potatoes. Proceedings of the American Phytopathological Society 2: 139.
- Kelley, W. D., and **R. Rodríguez-Kábana**. 1975. Selective activity of sodium azide on soil microflora. Proceedings of the American Phytopathological Society 2: 139.
- Adams, J. R., and **R. Rodríguez-Kábana**. 1975. Effects of PCNB on plant parasitic and free-living nematodes. Proceedings of the American Phytopathological Society 2: 131.
- Haaland, R. L., C. S. Hoveland, and **R. Rodríguez-Kábana**. 1975. Nematode susceptibility of cool season grasses in the southeast. Proceedings of the 23rd. Grass Breeder's Work Planning Conference.
- **Rodríguez-Kábana, R.**, and E. G. Ingram. 1975. Evaluation of calcium hypochlorite as a soil treatment for control of fungal pathogens. Journal of the Alabama Academy of Science 46: 103-104.
- **Rodríguez-Kábana, R.**, and P. A. Backman. 1975. Studies on the effect of the contact nematicide ethoprop on soil fungi. Journal of the Alabama Academy of Science 46: 90.
- Buchanan, G. A., P. A. Backman, and **R. Rodríguez-Kábana**. 1975. Influence of oxadiazon on peanuts, sicklepod, and Florida beggarweed. Proceedings of the American Peanut Research and Education Association 7: 88.
- **Rodríguez-Kábana, R.**, and P. S. King. 1975. *In vitro* studies on the nematicidal properties of the fungicide hinosan on free-living nematodes. Journal of the Alabama Academy of Science 46: 108.
- Backman, P. A., and **R. Rodríguez-Kábana**. 1975. Effects of soil fungicides on *Aspergillus flavus* in peanut soil. Journal of the Alabama Academy of Science 46: 91.
- Adams, J. R., and **R. Rodríguez-Kábana**. 1975. *In vitro* studies on the nematicidal properties of the soil fungicide PCNB on free-living nematodes. Journal of the Alabama Academy of Science 46: 108.
- **Rodríguez-Kábana, R.**, and P. S. King. 1975. Studies on the nematicidal properties of the fungicide hinosan. Journal of Nematology 7: 326.

- Kelley, W. D., and **R. Rodríguez-Kábana**. 1975. Effect of sodium azide on soil enzymatic activities and soil fungi. *Journal of the Alabama Academy of Science* 46: 107.
- Backman, P. A., **R. Rodríguez-Kábana**, and J. C. Williams. 1974. Leafspot control in runner peanuts and its relation to *Sclerotium rolfsii* stem rot. *Proceedings of the American Phytopathological Society* 1: 156.
- Backman, P. A., and **R. Rodríguez-Kábana**. 1974. The effects of peanut leafspot fungicides on field levels of *Sclerotium rolfsii*. *Proceedings of the American Peanut Research and Education Association* 6: 63.
- **Rodríguez-Kábana, R.**, P. A. Backman, and P. S. King. 1974. Effect of fungicide-nematicide combinations for control of soil-borne diseases in Alabama potato fields. *Journal of Nematology* 6: 150.
- **Rodríguez-Kábana, R.**, and P. A. Backman. 1974. Selective activity of two contact nematicides on *Sclerotium rolfsii* and *Trichoderma* spp. *Proceedings of the American Phytopathological Society* 1: 70.
- **Rodríguez-Kábana, R.**, and P. S. King. 1974. Studies on the nematicidal properties of hydrogen peroxide in soil. *Proceedings of the American Phytopathological Society* 1: 166.
- **Rodríguez-Kábana, R.**, P. A. Backman, and L. L. Farrar. 1974. Occurrence and control of *Cylindrocladium crotalariae* in peanut fields in Alabama. *Proceedings of the American Peanut Research and Education Association* 6: 64.
- **Rodríguez-Kábana, R.**, P. A. Backman, and E. A. Wiggins. 1973. A rapid flotation-sieving technique for the extraction of sclerotia from soil infested with *Sclerotium rolfsii*. *Phytopathology* 63: 447.
- **Rodríguez-Kábana, R.**, and P. A. Backman. 1973. Determination of linear regression equations to estimate yield losses to white mold in peanut fields. *Proceedings of the American Peanut Research and Education Association* 5: 199.
- **Rodríguez-Kábana, R.**, and P. S. King. 1973. *In vitro* studies on the nematicidal properties of hydrogen peroxide. 2nd. International Congress of Plant Pathology. Abstr. No. 0859.
- Backman, P. A., **R. Rodríguez-Kábana**, and W. D. Kelley. 1973. A growth and delivery system for applying biological control agents to the soil. *Phytopathology* 63: 440.
- Backman, P. A., and **R. Rodríguez-Kábana**. 1973. Efficacy of fungicide nematicide combinations for seed treatment of soybeans. 2nd. International Congress of Plant Pathology. Abstr. No. 0856.
- Backman, P. A., and **R. Rodríguez-Kábana**. 1973. Choice of leafspot spray equipment can significantly affect losses from white mold. *Proceedings of the American Peanut Research and Education Association* 5: 200.

- **Rodríguez-Kábana, R.**, and P. A. Backman. 1972. Estudio comparativo sobre el uso de la sacarosa y la miel de caña para la extracción de nematodos con el método de flotación. *Nematropica* 3: 7.
- **Rodríguez-Kábana, R.**, and R. W. Pearson. 1972. Changes in populations of lance and stunt nematodes in cotton following a bahiagrass sod. *Journal of Nematology* 4: 233.
- **Rodríguez-Kábana, R.**, G. A. Buchanan, and L. L. Farrar. 1972. Herbicidal activity of azide against broadleaf weeds in peanuts. *Proceedings of the Southern Agricultural Workers*. pp. 72-73.
- **Rodríguez-Kábana, R.**, and R. W. Pearson. 1972. Populations of root-knot nematode and root development in cotton roots after a bahiagrass sod. *Phytopathology* 62: 785.
- Backman, P. A., and **R. Rodríguez-Kábana**. 1972. Development of a selective medium for isolation of *Sclerotium rolfsii*. *Phytopathology* 62: 744-745.
- Collins, R. J., and **R. Rodríguez-Kábana**. 1971. Effect of crop rotation and fertilizer treatments on populations of free-living soil nematodes. *Journal of the Alabama Academy of Science* 42: 136.
- Beam, H. W., **R. Rodríguez-Kábana**, and E. A. Curl. 1971. A modification of the p-nitrophenyl-b-D-galactopyranoside method for determination of b-galactosidase activity in colonized soil. *Journal of the Alabama Academy of Science* 42: 131.
- **Rodríguez-Kábana, R.**, and R. E. Smith. 1971. Enzymatic activity of soil in relation to season and cultural practice: aryl phosphomonoesterase. *Journal of the Alabama Academy of Science* 42: 144-145.
- Smith, R. E., and **R. Rodríguez-Kábana**. 1971. Trehalase activity in natural and artificially fungus-colonized soil. *Phytopathology* 61: 912.
- Collins, R. J., and **R. Rodríguez-Kábana**. 1971. Influence of fertilizer treatments and cropping sequence on populations of spiral nematodes. *Phytopathology* 61: 888.
- **Rodríguez-Kábana, R.**, E. Mora, and E. J. Cairns. 1970. Histochemical localization of some lipids in *Pelodera (Pelodera) chitwoodi* (Bassen, 1940) Dougherty, 1955. *Journal of Parasitology* 56: 587.
- Jemmali, M., and **R. Rodríguez-Kábana**. 1970. Polarographic determinations of glucose with glucose oxidase. *Journal of the Alabama Academy of Science* 41: 126-127.
- Curl, E. A., and **R. Rodríguez-Kábana**. 1970. Influence of fertility and biotic soil factors on the activity of plant pathogenic fungi. *Journal of the Alabama Academy of Science* 41: 121.
- **Rodríguez-Kábana, R.**, and E. Mora. 1970. Histochemical studies on a species of *Pelodera*. *Journal of the Alabama Academy of Science* 41: 132.
- **Rodríguez-Kábana, R.**, and E. A. Curl. 1970. Enzymatic activities in soil from single and mixed culture of *Rhizoctonia solani* and *Fusarium oxysporum* f. *vasinfectum*. *Phytopathology* 60: 1310.

- Collins, R. J., and **R. Rodríguez-Kábana**. 1970. Relationship of fertilizer treatments to nematode populations. *Phytopathology* 60: 1288.
- **Rodríguez-Kábana, R.**, and B. Truelove. 1970. Polarographic determination of catalase activity in natural and fungal colonized soils. *Phytopathology* 60: 587.
- Pitts, G., E. A. Curl, and **R. Rodríguez-Kábana**. 1970. Effect of glucose on growth response of *Sclerotium rolfsii* in atrazine-treated soil culture. *Phytopathology* 60: 587.
- Curl, E. A., A. Tang, and **R. Rodríguez-Kábana**. 1969. Effect of trifluralin on production and germination of chlamydospores of *Fusarium oxysporum* f. *vasinfectum* in soil. *Phytopathology* 59: 1023.
- **Rodríguez-Kábana, R.**, and E. A. Curl. 1969. Proteolytic activity of *Trichoderma viride* in soil culture with *Sclerotium rolfsii*. *Phytopathology* 59: 1046-1047.
- **Rodríguez-Kábana, R.** 1969. Enzymatic interactions of *Sclerotium rolfsii* and *Trichoderma viride* in mixed soil culture. *Phytopathology* 59: 117.
- Pitts, G., and **R. Rodríguez-Kábana**. 1969. An assay method for polygalacturosase in soil with *Sclerotium rolfsii*. *Phytopathology* 59: 117.
- **Rodríguez-Kábana, R.**, and B. Truelove. 1969. Enzymatic activity in soil colonized by *Rhizoctonia solani* or *Fusarium oxysporum* f. *vasinfectum*. *Journal of the Alabama Academy of Science* 40: 145-146.
- Curl, E. A., and **R. Rodríguez-Kábana**. 1968. Microbial activity in soil of long-term fertility plots and effect of sclerotia of *Sclerotium rolfsii*. *Phytopathology* 58: 1048.
- **Rodríguez-Kábana, R.** 1968. Enzymatic relationship of *Sclerotium rolfsii* and *Trichoderma viride* in mixed soil cultures. *Journal of the Alabama Academy of Science* 39: 198-199.
- **Rodríguez-Kábana, R.**, and E. A. Curl. 1967. Application of enzyme activity to the measurement of fungal growth in soil. *Phytopathology* 57: 463.
- Funderburk, H. H., Jr., D. P. Schultzk, N. S. Negi, **R. Rodríguez-Kábana**, and E. A. Curl. 1967. Metabolism of trifluralin by soil microorganisms and higher plants. *Proceedings of the Southern Weed Conference* 20: 389.
- **Rodríguez-Kábana, R.**, E. A. Curl, and H. H. Funderburk, Jr. 1967. Response of *Sclerotium rolfsii* to the herbicides paraquat and trifluralin in sterilized soil. *Journal of the Alabama Academy of Science* 38: 333.
- Curl, E. A., **R. Rodríguez-Kábana**, and H. H. Funderburk, Jr. Effect of the herbicide atrazine on growth of *Trichoderma viride*. *Journal of the Alabama Academy of Science* 38: 332.
- **Rodríguez-Kábana, R.**, E. A. Curl, and H. H. Funderburk, Jr. 1966. Effect of paraquat and EPTC herbicides on growth of *Sclerotium rolfsii* and *Trichoderma viride* in atrazine treated soil. *Phytopathology* 56: 874.

- Curl, E. A., **R. Rodríguez-Kábana**, and H. H. Funderburk, Jr. 1966. Effect of carbon and nitrogen amendments on growth of *Sclerotium rolsii* and *Trichoderma viride* in atrazine treated soil. *Phytopathology* 56: 874.
- Curl, E. A., **R. Rodríguez-Kábana**, and H. H. Funderburk, Jr. 1966. Effect of dipridyl and toluidine herbicides on growth response of *Sclerotium rolsii* in soil. *Phytopathology* 56: 7.
- **Rodríguez-Kábana, R.**, and H. H. Funderburk, Jr. 1965. A method for assessing fungal density in herbicide-treated soils. *Phytopathology* 55: 1073.

Alabama Agricultural Experiment Station Bulletins and Circulars:

- Weaver, D. B., **R. Rodríguez-Kábana**, D. G. Robertson, C. A. Thomas, R. L. Akridge, and R. R. Sharpe. 1995. Carver: A new soyben variety for Alabama. Alabama Agricultural Experiment Station Circular 314. Auburn University, Auburn, Alabama.
- Crow, W. T., E. A. Guertal, and **R. Rodríguez-Kábana**. 1995. Green manure: An environmentally friendly way to control root-knot nematodes. *Alabama Agricultural Experiment Station Highlights of Agricultural Research* 42(4): 14-16.
- Hoveland, C. S., R. F. McCormick, Jr., E. L. Carden, **R. Rodríguez-Kábana**, and J. L. Shelton. 1978. Maintaining fescue in bahia mixtures. *Alabama Agricultural Experiment Station Bulletin* 503.
- Gray, F. A., W. S. Gazaway, **R. Rodríguez-Kábana**, and P. A. Backman. 1978. Soybean disease and nematode recommendations. Alabama Cooperative Extension Service Circular No. ANR-34. 5pp.
- Gray, F. a., W. S. Gazaway, P. A. Backman, and **R. Rodríguez-Kábana**. 1978. Peanut disease and nematode recommendations. Alabama Cooperative Extension Service Circular No. ANR-1. 8 pp.
- Gazaway, W. S., P. A. Backman, and **R. Rodríguez-Kábana**. 1977. Peanut disease and nematode control recommendations. Alabama Coopeative Extension Service Circular No. P-64A. 5 pp.
- Backman, P. A., **R. Rodríguez-Kábana**, J. M. Hammond, E. M. Clark, J. A. Lyle, H. W. Ivey, II, and J. G. Starling. 1977. Peanut leafspot research in Alabama 1970-1976. *Alabama Agricultural Experiment Station Bulletin* 489. 38 pp.
- Hoveland, C. S., **R. Rodríguez-Kábana**, and J. S. Bannon. 1976. Cool season annual pasture mixtures as affected by autumn irrigation and nematicide in the Wiregrass area. *Alabama Agricultural Experiment Station Bulletin* 228.
- Curl, E. A., and **R. Rodríguez-Kábana**. 1971. Diseases and their control *IN* Soybean Production -- Recent Research Findings. Alabama Agricultural Experiment Station Bulletin 413.

Miscellaneous Agricultural Experiment Station Publications:

- Weaver, D. B., **R. Rodríguez-Kábana**, and D. G. Robertson. 1984. Nematode resistant soybean varieties sought for infested Alabama fields. Alabama Agricultural Experiment Station, Highlights of Agricultural Research 31(3):7.
- Williams, C. B., C. B. Elkins, and **R. Rodríguez-Kábana**. 1982. Root size of tall fescue affects yield and stand persistence. Alabama Agricultural Experiment Station, Highlights of Agricultural Research 29: 4.
- **Rodríguez-Kábana, R.**, and P. G. Mawhinney. 1980. Evaluation of nematicides for control of root-knot and cyst nematodes in soybeans. Alabama Agricultural Experiment Station, Highlights of Agricultural Research 27:16.
- Hoveland, C. S., R. L. Haaland, D. Sides, C. Weaver, and **R. Rodríguez-Kábana**. 1980. Nematodes damage perennial forage crops. Alabama Agricultural Experiment Station, Highlights of Agricultural Research 27: 8.
- Gray, F. A., and **R. Rodríguez-Kábana**. 1979. The soybean cyst nematode: A new threat to Alabama soybeans. Alabama Agricultural Experiment Station, Highlights of Agricultural Research 26: 17.
- **Rodríguez-Kábana, R.**, P. S. King, H. W. Penick, F. A. Gray, E. L. Carden, R. N. McDaniel, F. B. Selman, and H. Ivey. 1979. Use of planting time application of ethylene dibromide for control of plant parasitic nematodes on soybeans: New uses for an old fumigant. Alabama Agricultural Experiment Station, Highlights of Agricultural Research 26: 18.
- **Rodríguez-Kábana, R.**, P. S. King, H. W. Penick, and H. Ivey. 1979. Planting time and post-emergence use of ethylene dibromide-chloropicrin mixtures for control of root-knot nematodes on Florunner peanuts. Alabama Agricultural Experiment Station, Highlights of Agricultural Research 26: 19-20.
- Kelley, W. D., and **R. Rodríguez-Kábana**. 1978. Effects of a pesticide on antagonistic soil fungi. Alabama Agricultural Experiment Station, Highlights of Agricultural Research 25: 10.
- Backman, P. A., **R. Rodríguez-Kábana**, and J. M. Hammond. 1977. Foliar fungicides for soybeans. Alabama Agricultural Experiment Station, Highlights of Agricultural Research 24.
- Backman, P. A., **R. Rodríguez-Kábana**, and J. M. Hammond. 1977. Spray method for application of fungicides to control peanut white mold. Alabama Agricultural Experiment Station, Highlights of Agricultural Research 24(2): 10.
- Hoveland, C. S., **R. Rodríguez-Kábana**, J. G. Starling, and R. M. Mims. 1975. Irrigation, nematicide boost fall rye production. Alabama Agricultural Experiment Station, Highlights of Agricultural Research 22: 6.
- **Rodríguez-Kábana, R.**, and P. A. Backman. 1975. Control of *Cylindrocladium* black rot of peanuts in Alabama. Alabama Agricultural Experiment Station, Highlights of Agricultural Research 22: 16.

- Hoveland, C. S., **R. Rodríguez-Kábana**, C. D. Berry, and R. F. McCormick, Jr. 1974. Nematodes cut fescue yield on sandy soils. Alabama Agricultural Experiment Station, Highlights of Agricultural Research 21: 5.
- **Rodríguez-Kábana, R.**, and P. S. King. 1974. Evaluation of fumigants and contact nematicides for control of plant-parasitic nematodes in Alabama potatoes. Alabama Agricultural Experiment Station, Highlights of Agricultural Research 21: 14.
- Backman, P. A., and **R. Rodríguez-Kábana**. 1974. Fungicide-nematicide seed treatment combinations: results and potentials. Alabama Agricultural Experiment Station, Highlights of Agricultural Research 21: 11.
- Kelley, W. D., and **R. Rodríguez-Kábana**. 1974. Sodium azide as a soil bed fumigant in forest nurseries. Alabama Agricultural Experiment Station, Highlights of Agricultural Research 21: 12.
- **Rodríguez-Kábana, R.**, P. A. Backman, and P. S. King. 1973. Evaluation of commercial nematicides for control of parasitic nematodes on peanuts. Alabama Agricultural Experiment Station, Highlights of Agricultural Research 20: 11.
- **Rodríguez-Kábana, R.**, and P. A. Backman. 1973. Azides for controlling white mold and beggarweed in peanuts. Alabama Agricultural Experiment Station, Highlights of Agricultural Research 20: 8.
- **Rodríguez-Kábana, R.**, and H. F. Yates. 1972. Response of Bragg soybeans to commercial nematicides. Alabama Agricultural Experiment Station, Highlights of Agricultural Research 19: 3.
- Truelove, B., and **R. Rodríguez-Kábana**. 1971. Crop yield as related to soil enzyme activity. Alabama Agricultural Experiment Station, Highlights of Agricultural Research 18: 11.
- Curl, E. A., and **R. Rodríguez-Kábana**. 1970. Herbicides may check build-up of plant pathogens. Alabama Agricultural Experiment Station, Highlights of Agricultural Research 2: 14.
- **Rodríguez-Kábana, R.**, and E. A. Curl. 1969. Biological attack on plant disease fungus. Alabama Agricultural Experiment Station, Highlights of Agricultural Research 16: 4.
- **Rodríguez-Kábana, R.**, E. A. Curl, and H. H. Funderburk, Jr. 1967. Herbicides affect growth of root diseases fungus. Alabama Agricultural Experiment Station, Highlights of Agricultural Research 14: 14.

TEACHING ACTIVITIES

Courses Taught:

- A graduate level course on *Plant Nematology* (Plant Pathology 630) is taught every two years. The course is very successful and acquaints the students with various aspects of

economic nematology. All materials, text, and necessary teaching aids were developed and prepared by R. Rodríguez-Kábana.

- In the past R. Rodríguez-Kábana has taught courses on *Plant Pathology Methods*, and significant portions of a course on *Soil Microbiology*.

Graduate Students

Major Professor for the following:

Doctoral Theses:

Quiroga-Madrigal, R. 2000. Effects of Maize (*Zea mays L.*) Cropping Systems and Tropical Legumes on Soil Chemical and Biochemical Properties and Suppressiveness to Soilborne Plant Pathogens. Auburn University. 146 pp. Dr. Quiroga-Madrigal is presently Professor of Plant Pathology at the Universidad Autonoma de Chiapas, Chiapas, Mexico.

Bassay Blum, L. E. 1998. Benzaldehyde, Kudzu (*Pueraria lobata*), Velvetbean (*Mucuna deeringiana*), and Pine Bark for the Management of *Rhizoctonia solani* and *Sclerotium rolfsii*. Auburn University. 230 pp. Dr. Bassay Blum is presently Professor of Plant Pathology at the University of Santa Catarina State, Santa Catarina, Brazil.

Chavarria-Carvajal, J. A. 1997. Use of Organic Amendments and Naturally Occurring Aromatic Compounds for Control of Plant-Parasitic Nematodes: Effects on Microbial Activity and Soil Enzymes. Auburn University. 189 pp. Dr. Chavarria-Carvajal is currently Professor of Nematology and Pest Management at the University of Puerto Rico, Mayaguez, Puerto Rico.

Vargas-Ayala, R. 1995. Nematode population dynamics and microbial ecology in a rotation program with *Mucuna deeringiana* and other crops: a biological control approach. Ph.D. Thesis. Auburn University. 128 pp. Dr. Vargas-Ayala is Professor of Nematology and Plant Pathology at the University of Puerto Rico, Mayaguez, Puerto Rico.

Kokalis-Burelle, N. 1993. Pine Bark as an Organic Amendment: Effects on soil pathogens and microbial activity. Auburn University. 127 pp. Dr. Kokalis-Burelle is USDA, ARS Researcher at the U.S. Horticultural Research Laboratory, Fort Pierce, Florida.

Canullo, G. H. 1991. Use of Slow-release N Amendments and Furfural to Control *Sclerotium rolfsii*: Studies on Changes in Populations of Microorganisms. Auburn University. 119 pp. Dr. Canullo is a Senior Researcher with Buckman Laboratories, at Memphis, Tenn.

Mian, I. H. 1982. Organic Amendments of Soil for Control of Plant-Parasitic Nematodes. Auburn University. 101 pp. Dr. Mian is Director of Agricultural Research in the Ministry of Agriculture, Bangladesh.

Huebner, R. A. 1982. Hemicellulosic Waste and Urea for Control of Plant Parasitic Nematodes. Auburn University. 90 pp. Dr. Huebner, is Director of Research and Development, Agricultural Products, SYNGENTA, Greenville, North Carolina.

Smith, R. E. 1973. The Biochemistry and Ecology of Soil Trehalase Activity. Auburn University. 134 pp. Dr. Smith is a Senior Researcher with TROY Chemical Corp., Newark, New Jersey.

Collins, R. J. 1972. Relationship of Fertilizer Treatments and Cropping Sequence to Populations of Plant-Parasitic and Free Living Nematodes. Auburn University. 202 pp.

Rebois, R. V. 1971. Investigations Into the Parasitology of Soybeans by the Reniform Nematode *Rotylenchulus reniformis*. Auburn University. 123 pp. Dr. Rebois retired from research with the USDA, ARS after serving as Director of Nematology Department at Beltsville, Md.

Master's Theses:

Adams, J. R. 1976. The Non-Target Effects of PCNB on Plant-Parasitic and Free Living Nematodes. Auburn University. 91 pp.[Deceased].

Ingram, E. G. 1978. Nematological Survey of the Peanut Producing Area of Alabama. Auburn University.

Godoy, G. A. 1983. Studies on the Pathology of Two Species of *Heteroderidae* Skarbilovich. Auburn University. 36 pp. Ms. Godoy, obtained her Ph.D. in University of Nebraska and is now Professor of Plant Pathology at the Universidad Autonoma de Santo Domingo, in the Dominican Republic.

Culbreath, A. K. 1985. Studies in the Use of Chitin Soil Amendments for Control of Root-Knot Nematodes. Auburn University. 96 pp. Mr. Culbreath obtained his Ph.D. at North Carolina State University, Raleigh, under the direction of Dr. Marvin Beute, and is now Professor of Plant Pathology at the University of Georgia, Tifton, GA.

Chian, Ru-Ju. 1990. Inorganic Nitrogen Compounds as Amendments to Soil for Nematode Control. Auburn University. 143 pp.

Soler-Serratosa, A. 1993. Naturally Occurring Allelopathic Compounds for Control of Plant-parasitic Nematodes. Auburn Univeristy. 195 pp. Mr. Soler-Serratosa works with the BAYER Corporation in Spain in Technical Support and Development of Agricultural Products.