

INDEX TO VOLUMES 70 THROUGH 73 (1986 to 1989)¹

AUTHORS²

Abreu, E.

1986, The coconut palm Eriophyid mite, *Eriophyes guerreronis* (Keifer) (Acarina: Eriophyidae) in Puerto Rico, 70 (3), 223 (RN).

1987, The insects of níspero [*Manilkara zapota* (L.) P. van Roger] in Puerto Rico, 71 (1), 129 (RN).

*1987, New records of mites for Puerto Rico, 71 (4), 399.

1989, Natural enemies of the melon-worm, *Diaphania hyalinata* L. (Lepidoptera: Pyralidae) in Puerto Rico, 73 (4), 313.

Abruña, F.

1986, Effect of straw disposal method and of nitrogen rates on rice yields and recovery of fertilizer nitrogen, 70 (2), 91.

1986, Four nitrogen levels and three water management systems of rice yield and nitrogen recovery, 70 (3), 197.

*Senior author.

†Sole author.

RN Research note.

¹When we published the index for volumes 56 through 69 (years 1972 to 1985) we stated it was our intention to keep our indexes current by publishing annual indexes in the October issue of each volume. We have kept our promise. Some users, however, have expressed that besides an annual index, a multiyear one is more helpful in many instances. Therefore, we are compiling a multiyear index for the balance of the 80s decade that was not included in a previous multiyear index. It covers from 1986 to 1989, volumes 70, 71, 72 and 73. We look forward to compiling a 10-year index in Vol. 83, No. 4 (October 1999) at the end of the next decade.

²An author's name may appear in more than one form. Although all first names are abbreviated, an author may appear with one or two initials. Last names may appear single or compound. When compound, they are hyphenated regardless of how they appear in the original. Alphabetically, names with a single initial precede two-initial ones (Y. Badillo precedes Y. A. Badillo); single names precede hyphenated ones (Abreu Z. precedes Abreu-Abadía A.). Articles under one name are organized chronologically (those in volume I and those in volume II; those in number 1 precede those in number 2 and those on page 1 precede those on page 2).

*1987, Restoration of productivity in tropical eroded soils under appropriate management, 71 (1), 13.

†1987, Response of stargrass to K fertilization as affected by liming, N and K sources, 71 (1), 23.

Acevedo, G.

1987, Soil erosion in southeastern Haiti, 71 (2), 239 (RN).

Acevedo-Alfaro, J.

1988, Bacteria associated with the West Indian fruit fly *Anastrepha obliqua* (Macquart) (Diptera: Tephritidae), 72 (3), 489 (RN).

Acín, N.

1989, Broadleaf weed control in peppers with herbicides applied pre-transplant, 73 (1), 67.

Acosta, N.

*1986, Insect and nematode control in cucumber (*Cucumis sativus*) in Puerto Rico, 70 (1), 19.

1986, Reaction of *Leucaena leucocephala* to populations of *Meloidogyne incognita* and *M. javanica* from Puerto Rico, 70 (2), 157 (RN).

- 1987, Influence of temperature and soil type on the histopathology of *Meloidogyne incognita* in snap beans, 71 (1), 97.
- 1989, Nematicides and *Paecilomyces lilacinus* in nematode control in watermelon, 73 (1), 75 (RN).
- 1989, Sustratos de arroz (*Oriza sativa* L.) y el crecimiento del hongo biocontrolador de nematodos *Paecilomyces lilacinus* 73 (1), 79 (RN).
- 1989, Variedades de tomate (*Lycopersicon esculentum* Mill.) y susceptibilidad al nematodo *Meloidogyne incognita*, 73 (1), 83 (RN).
- 1989, Suitability of pumpkin genotypes to *Meloidogyne incognita*, 73 (2), 167 (RN).
- 1989, Pathogenicity of *Meloidogyne incognita* in tanier (*Xanthosoma caracu*), 73 (3), 277 (RN).
- 1989, Performance of *Arthrobotrys* spp. alone and in combination with *Paecilomyces lilacinus*, as biocontrollers of *Meloidogyne incognita* in tomato, 73 (3), 281 (RN).
- Almeyda-Domenech, C.**
- *1989, Two levels of liquid *Streptomyces* solubles in pelleted concentrate feeds for dairy cows, 73 (1), 1.
- Almodóvar, C. R.**
- 1986, Average monthly and annual rainfall distribution in Puerto Rico, 70 (4), 267.
- Almodóvar, L.**
- 1986, Herbicide evaluation in three cucurbits, 70 (2), 85.
- 1986, Asulam and other postemergence herbicides for sugarcane, 70 (4), 235.
- 1986, Chemical control of *Echinochloa colonum* in sweet corn, 70 (4), 311 (RN).
- 1987, Glyphosate on tomato and sweet pepper yields, 71 (2), 235 (RN).
- 1987, Oxyfluorfen: A candidate herbicide for weed control in pigeon peas, 71 (3), 277.
- 1987, Postemergence weed control in pigeon peas with glyphosate shielded treatments, 71 (4), 359.
- 1988, Período crítico de competencia de las malezas en el tomate de trasplante, 72 (2), 291.
- Almondóvar-Vega, L.**
- 1986, Herbicide evaluation for rice, 70 (4), 293.
- 1987, Influence of glyphosate and paraquat pre-transplant treatments on weed control and pepper yields, 71 (1), 65.
- *1988, Evaluation of diquat for post-emergence weed control in pumpkin (*Cucurbita moschata*), 72 (2), 285.
- 1988, Allelopathic effects of seven weed species to pumpkin (*Cucurbita moschata*) under greenhouse conditions, 72 (3), 491 (RN).
- 1988, Eggplant (*Solanum melongena* L.) transplant and exudates from roots of seven weeds, 72 (3), 495, (RN).
- Alston, D. E.**
- 1987, Polyculture of all-male tilapia hybrids with low densities of *Macrobrachium rosenbergii*, 71 (2), 225.
- Amundaray, H.**
- 1989, La enfermedad de "Johne" en una vaquería de Puerto Rico: Informe de un caso clínico, 73 (4), 415 (RN).
- Antoni-Padilla, M.**
- 1987, Integrated weed management in transplanted tomatoes and peppers under drip irrigation, 71 (4), 349.
- Armstrong, A. M.**
- †1987, Parasitism of *Tetrastichus haitiensis* Gahan on egg masses of *Diaprepes abbreviatus* in Puerto Rico, 71 (4), 407 (RN).
- *1987, Distribution of adult *Diaprepes abbreviatus* L. (Coleoptera: Curculionidae) in north and northwest sugarcane areas in Puerto Rico, 71 (4), 411 (RN).
- *1988, Chemical control of *Liriomyza sativae* and of Lepidoptera larvae on tomato, 72 (1), 169 (RN).
- †1988, Light trap studies of *Heliothis virescens* (Fabricius) and *Etiella zinckenella* (Treitschke) on pigeon pea (*Cajanus cajan* Millsp), 72 (4), 557.

*Senior author.

†Sole author.

RN Research note.

- Avilés-Rodríguez, L.**
- *1987, Cultivation and acceptability of carrot cultivars, 71 (3), 287.
 - 1989, Head characteristics and acceptability of cabbage cultivars grown in southern Puerto Rico, 73 (4), 367.
- Ayala, A.**
- 1987, Influence of temperature and soil type on the histopathology of *Meloidogyne incognita* in snap beans, 71 (1), 97.
- Ayala (de), Z.**
- 1987, Aging of high-test molasses rums, 71 (2), 137.
- Badillo-Feliciano, J.**
- 1987, Yield response of watermelon, tomato and pigeon pea to land preparation techniques in southern Puerto Rico, 71 (2), 203.
 - 1987, Tillage, physical properties of Coto clay and the yields of plantain and sweet potato, 71 (3), 307.
 - 1988, Yield response of vegetables to tillage techniques on a Vertisol of the semiarid region of Puerto Rico, 72 (1), 119.
- Barbosa, P.**
- *1986, *Eumecosomyia nubila* (Wiedemann): A new otidid in Puerto Rico, with notes on the habits of the dipteran species complex of corn, 70 (2), 155 (RN).
 - 1988, Relative susceptibility of *Crotalaria* spp. to the attack by *Etiella zinckenella* in Puerto Rico, 72 (1), 147.
 - 1988, Notes on the natural enemies of *Etiella zinckenella* in Puerto Rico, 72 (1), 153 (RN).
 - 1988, The sorghum midge, *Contarinia sorghicola*, a sorghum pest newly introduced to Puerto Rico, 72 (1), 161 (RN).
- Beale, A.**
- 1987, N and P fertilizers and growth and yield of sweet pepper, 71 (2), 209.
- Beauchamp de Caloni, I.**
- *1987, Cultivation and acceptability of carrot cultivars, 71 (3), 287.
- *Senior author.
- †Sole author.
- RN Research note.
- *1987, Elaboration, shelf-life and quality evaluation of dishes prepared with pumpkin, 71 (3), 301.
- 1987, Culinary characteristics of new selections of sweet potato, 71 (4), 365.
- *1988, Freezing and shelf life of sweet potato and citron bars, 72 (1), 171 (RN).
- 1988, Sensory evaluation of cooked new sweet potato selections, 72 (2), 265.
- 1988, Evaluación de variedades de uvas de mesa (*Vitis vinefera* L.) cosechadas en la Subestación de Fortuna en 1986, 72 (2), 335 (RN).
- 1988, The Lacknau plantain: A high yielding cultivar with field resistance to the corn weevil, *Cosmopolites sordidus* (Germar), 72 (3), 353.
- *1989, Elaboration, shelf-life and quality of dishes prepared with new sweet potato selections, 73 (2), 127.
- 1989, Performance of elite banana (*Musa acuminata* AAA) cultivars at four locations of Puerto Rico, 73 (3), 209.
- 1989, Sapodilla (*Manilkara sapota* L. V. Rogen, *Achras sapota* Limn.) variety trials at southern Puerto Rico, 73 (3), 255.
- 1989, Characterization of the maturation process of pineapple by changes in fruit texture, 73 (3), 265.
- 1989, Head characteristic and acceptability of cabbage cultivars grown in southern Puerto Rico, 73 (4), 367.
- Beaver, J. S.**
- 1987, Tillage, physical properties of Coto clay and the yields of plantain and sweet potato, 71 (3), 307.
 - 1987, Dry bean genotypes and *Macrophomina phaseolina* (Tassi) Goid in inoculated and non-inoculated field plots, 71 (4), 385.
- Beaver, J. S.**
- 1987, Resistance and susceptibility of beans, *Phaseolus vulgaris* L.), to ash stem blight *Macrophomina phaseolina* (Tassi) Goid, 71 (4), 403 (RN).

Colón-Guasp, W.

1986, *Eumecosomyia nubila* (Widemann), a new otidid in Puerto Rico, with notes on the habits of the dipteran species complex of corn, 70 (2), 155 (RN).

Corchoado-Juarbe, N.

1988, Storage and digestibility, voluntary intake and chemical components of hay of five tropical grasses, 72 (4), 531.

Cortés, M.

*1989, Evaluación del ingreso bruto generado por las aglaonemas "Silver Queen" y "María" a diferentes niveles de sombra, 73 (4), 399.

Cortés-Monllor, A.

†1986, Bacterial spot of tanier, *Xanthosoma sagittifolium* (L.) Schott, in Puerto Rico, 70 (3), 225 (RN).

*1987, Bacterial leaf spot of pigeon pea in Puerto Rico, 71 (2), 177.

1988, Bacterial leaf spot of coffee, 72 (4), 621 (RN).

Coscarón, M. C.

*1988, Contribution to the knowledge of *Rasahus Amyot* and Serville, 1843 (Hemiptera: Reduviidae): description of a new species, 72 (2), 247.

Cotte, O.

*1988, Some host plants of leafhopper, *Empoasca* spp. (Homoptera: Cicadellidae) found on pigeon pea (*Cajanus cajan* L.) fields, 72 (3), 499 (RN).

*1989, *Oxidia vesulia* (Cramer) (Lepidoptera: Geometridae), a geometrid caterpillar of coffee in Puerto Rico, 73 (2), 159 (RN).

†1989, *Scutigerella immaculata* (Newport), the symphytid in pineapple of Puerto Rico, 73 (3), 275.

Coyne, D. P.

1989, Imbibition, germination and cooking time of seeds of dry beans (*Phaseolus vulgaris* L.) stored in different containers, 73 (4), 327.

*Senior author.

†Sole author.

RN Research note.

Craig, J.

1986, The identity and characterization of downy mildew on sorghum in Puerto Rico, 70 (3), 217 (RN).

Crespo-Ruiz, M.

1988, Root distribution of nitrogen fertigated sweet peppers under drip irrigation, 72 (1), 51.

*1988, Nutrient uptake and growth characteristics of nitrogen fertigated sweet peppers under drip irrigation and plastic mulch, 72 (4), 575.

Cruz, C.

1986, Insect and nematode control in cucumber (*Cucumis sativus*) in Puerto Rico, 70 (1), 19.

1986, Life cycle of diamondback moth, *Plutella xylostela* (L.) (Lepidoptera: Yponomeutidae), in Puerto Rico, 70 (4), 229.

1988, Chemical control of *Liriomyza sativae* and of Lepidoptera larva on tomato, 72 (1), 169 (RN).

1988, Some host plants of leafhopper, *Empoasca* spp. (Homoptera:Cicadellidae) found on pigeon pea (*Cajanus cajan* L.) fields, 72 (3), 499 (RN).

Cruz-Castillo, J. G.

*1989, Tratamientos de desfoliación y crecimiento, floración y producción del guanábano (*Annona muricata* L.), 73 (2), 141.

Cruz-Cay, J.

1987, Processing and the nutritional contents of canned and fresh pigeon peas [*Cajanus cajan* (L.)], 71 (1), 33.

Cruz-Cay, J. R.

1987, Processing and storage and the nutritional contents of pigeonpea [*Cajanus cajan* (L.)], 71 (1), 43.

Dávila, R. F.

†1986, Testing of a monthly weather model, 70 (3), 169.

DeKok, C.

1986, *Curvularia* leaf spot on yams, *Dioscorea* spp, 70 (4), 277.

De León, D.

1986, Failure of carbaryl-based products to reduce brown dog tick population in Puerto Rico, 70 (4), 299.

†1986, Efficacy of ivermectin administered subcutaneously against cattle tick, *Boophilus microplus* (Canestrini), 70 (4), 315 (RN).

*1987, Tratamiento para parásitos internos y externos en gallinas ponedoras mantenidas en jaulas elevadas y de piso con camada, 71 (1), 133 (RN).

*1987, Ectrin spray in combination with ectrin eartags and the control of *Boophilus microplus* (Canestrini) in dairy cattle, 71 (3), 241.

*La enfermedad "Johne" en una vaquería de Puerto Rico: Informe de un caso clínico, 73 (4), 415 (RN).

Del Valle-González, R.

*1989, Failure of calcium sources to control blossom-end rot in watermelons, 73 (3), 287 (RN).

Del Valle-González, R.

*1989, Sensory evaluation of arracacha (*Arracacia xanthorrhiza* Bancroft) cultivars in Puerto Rico, 73 (3), 291 (RN).

Denton, A.

1987, Brief notes on the cytology of neotropical Coleoptera. 4. *Chalcolepidius silbermanni* Chevrolat (Elateridae: Pyrophorini). 71 (3), 323 (RN).

1987, Brief notes on the cytology of neotropical Coleoptera. 5. Storage and activation of large sperm cells in male Alticinae, 71 (4), 415 (RN).

Díaz, N.

*1988, Shelf-life and acceptability of hot water-treated mangoes, 72 (3), 469.

*1989, Tentative identification of volatile components of pineapple juice from varieties of Red Spanish and PR 1-67, 73 (3), 189.

*Senior author.

†Sole author.

RN Research note.

Díaz-Donaire, R.

1989, Yield stability of dry bean genotypes in Honduras, 73 (4), 339.

Díaz-Rivera, M.

1988, Evaluation of diquat for post-emergence weed control in pumpkin (*Cucurbita moschata*), 72 (2), 285.

Echávez-Badel, R.

*1986, Resistance of 43 sugarcane clones to smut, *Ustilago scitaminea* (Sydow), 70 (4), 287.

*1987, Dry bean genotypes and *Macrophomina phaseolina* (Tassi) Goid in inoculated and non-inoculated field plots, 71 (4), 385.

*1987, Resistance and susceptibility of beans, *Phaseolus vulgaris* (L.), to ashy stem blight *Macrophomina phaseolina* (Tassi) Goid, 71 (4), 403 (RN).

*1989, Resistance to rust and smut among Puerto Rico sugarcane clones, 73 (1), 45.

*1989, Performance of cucumber varieties in soil infested with rootknot and nematodes, 73 (4), 321.

Escudero, J.

*1987, Yield and tolerance of bell pepper (*Capsicum annuum* L.) cultivars to potato virus Y isolate from Puerto Rico, 71 (3), 337 (RN).

1988, Bacteria associated with the West Indian fruit fly *Anastrepha obliqua* (Macquart) Diptera: Tephritidae, 72 (3), 489 (RN).

1989, *Fulmekiola serrata* (Kobus) (Thysanoptera: Thripidae): a new sugarcane pest in Puerto Rico, 73 (4), 391 (RN).

*1989, Tumor-like formations in papaya fruit in Puerto Rico, 73 (4), 411 (RN).

Fehr, W. R.

1986, Premature harvest of soybean seed for rapid generation, 70 (3), 159.

1987, Inheritance of agronomic and seed composition traits in *Glycine max* x *Glycine soja* crosses, 71 (1), 53.

Feliciano, C.

*1986, Bird and rust damage and seed molds in 30 sorghum, *Sorghum bicolor* (L.) Moench., lines in Mayagüez, Puerto Rico, 70 (2), 99.

1987, Influence of panicle fungicides and harvest schedules on sorghum seed quality under humid tropical conditions in Puerto Rico, 71 (1), 75.

Fernández-Coll, F.

*1986, Thermal resistance of spores of two species of the genus *Bacillus*, 70 (3), 189.

*1988, Refrigeration before incubation and its effect on recovery of two types of bacteria from food, 72 (4), 617 (RN).

*1989, Conventional versus the petrifilm method for enumeration of different types of bacteria, 73 (3), 183.

Fernández-Van Cleve, J.

1988, Yield and nutritive value of hay from five tropical grasses at three harvesting intervals, 72 (1), 109.

1988, Confinement feeding of dairy cows based on stargrass as green chopped fodder or hay, 72 (2), 231.

Fierro, C.

1988, Salt and sugar levels for effective plant regeneration from in vitro cultured tissues of cocoyam, 72 (4), 515.

Figueroa, L. A.

1988, Yam production. II. Antracnose, yield, and profit of monocultures and interplanting, 72 (2), 179.

Figueroa, W.

1989, *Howardula* sp., a nematode new for Puerto Rico parasitizing a parthenogenetic sweet potato associated flea beetle, *Chaetocnema perplexa* Blake, 73 (2), 171 (RN).

Figueroa-Bultrón, W.

†1989, Nematode survey on commercial papaya farms, 73 (2), 165 (RN).

*Senior author.

†Sole author.

RN Research note.

Fontanet, E.

1988, Pilot plant fermentation of high test molasses compared with blackstrap molasses using factorial design, 72 (1), 9.

1988, Yield and nutritive value of hay from five tropical grasses at three harvesting intervals, 72 (1), 109.

1988, Pilot plant scale evaluation of a commercial yeast nutrient for high test molasses fermentation, 72 (4), 509.

1989, Evaluación química y organoléptica de vino de la variedad de uvas Fortuna Blanca cosecha 1986, 78 (1), 11.

Fornaris-Rullán, G.

1987, Cultivation and acceptability of carrot cultivars, 71 (3), 287.

1987, Yield and tolerance of bell pepper (*Capsicum annuum* L.) cultivars to potato virus Y isolate from Puerto Rico, 71 (3), 337 (RN).

*1989, Shelf life and quality components of Parvin mango after 15-day storage, 73 (4), 295.

1989, Head characteristics and acceptability of cabbage cultivars grown in southern Puerto Rico, 73 (4), 367.

Fox, I.

*1986, Failure of carbaryl-based products to reduce brown dog tick population in Puerto Rico, 70 (4), 299.

Frame, A. D.

*1987, Three common helminth parasites of cattle in Puerto Rico, 71 (2), 231 (RN).

1988, Watercress cultivation sites and their relationships to fascioliasis in Puerto Rico, 72 (3), 405.

Frame, E. L.

1988, Watercress cultivation sites and their relationship to fascioliasis in Puerto Rico, 72 (3), 405.

Franqui, R.

1989, Natural enemies of the melon-worm, *Diaphania hyalinata* L. (Lepidoptera: Pyralidae), in Puerto Rico, 73 (4), 313.

1989, Homoptera-Auchenorrhyncha from rice fields in Puerto Rico, 73 (4), 395 (RN).

- 1989, Natural enemies and alternate hosts of *Marasmia trapezalis* (Guenée) affecting rice in Puerto Rico, 73 (4), 397 (RN).
- *1988, Host plants of pentatomids affecting rice fields in Puerto Rico, 72 (3), 365.
- *1988, Natural enemies of pentatomids affecting rice fields in Puerto Rico, 72 (3), 371.
- Gallardo, F.**
- 1989, Natural enemies of the melonworm, *Diaphania hyalinata* L. (Lepidoptera: Pyralidae) in Puerto Rico, 73 (4), 313.
- Gallardo-Covas, F.**
- †1986, Susceptibility of 7 cultivars of *Coffea arabica* (L.) to *Leucoptera coffeella* (Guérin Meneville), 70 (4), 307 (RN).
- 1987, The insects of níspero [*Manilkara zapota* (L.) P. van Roger] in Puerto Rico, 71 (1), 129 (RN).
- †1987, Soil system insecticides to control the coffee leafminer, *Leucoptera coffeella* (Guérin-Meneville), in Puerto Rico, 71 (2), 185.
- †1987, *Platypus ratzeburgii* Chapuis (Coleoptera: Platypodidae): A new pest attacking coffee, 71 (3), 335 (RN).
- †1988, Distribution of coffee leaf miner, *Leucoptera coffeella*, and its parasitoids in the canopy of coffee, *Coffea arabica*, Puerto Rico, 72 (1), 141.
- †1988, Susceptibilidad de 53 cultivares de café, *Coffea arabica*, al daño del minador del café, *Leucoptera coffeella*, en Puerto Rico, 72 (1), 165 (RN).
- †1988, Faunal survey on the coffee leaf miner, *Leucoptera coffeella*, parasitoids in Puerto Rico, 72 (2), 255.
- Garrison, S. A.**
- 1989, Growth, maturity and flowering of pigeon peas, *Cajanus cajan* L. Millsp., at high latitudes, 73 (3), 223.
- Goenaga, R.**
- *1989, Ethephon for indication of multiple tubers in the water yam (*D. alata*), 73 (3), 195.
- González, A.**
- *1987, N and P fertilizers and growth and yield on sweet pepper, 71 (2), 209.
- *1989, Rendimiento y evaluación sensorial de cultivares de los fanes *D. rotunda* y *D. cayenensis*, 73 (3), 203.
- González, E. A.**
- 1988, Temperature versus elevation relationship for Puerto Rico, 72 (3), 449.
- *1988, Requisitos de riego para sorgo en las costas sur y norte de Puerto Rico, 72 (4), 585.
- *1988, Requisitos de riego para plátano en siete regiones ecológicas de Puerto Rico, 72 (4), 599.
- 1988, Seasonal consumptive use of water by bell and Cubanelle peppers in semiarid and humid coastal sites in Puerto Rico, 72 (4), 609.
- 1989, Monthly consumptive use of rice in the semiarid and humid regions of Puerto Rico, 73 (1), 31.
- 1989, Normal monthly class A pan evaporation for agricultural experiment stations in Puerto Rico, 73 (1), 85 (RN).
- 1989, Coeficiente evapormétrico para Puerto Rico, 73 (1), 89 (RN).
- 1989, Monthly consumptive use of sugarcane in four climatic regions of Puerto Rico, 73 (1), 93 (RN).
- 1989, Monthly water consumptive use of papaya in four climatic regions of Puerto Rico, 73 (2), 175 (RN).
- González (de), I. M.**
- 1989, Evaluación química y organoléptica de vino de la variedad Fortuna Blanca, cosecha 1986, 73 (1), 11.
- González-Figueroa, W.**
- 1988, Bacteria associated with the West Indian fruit fly *Anastrepha obliqua* (Macquart) Diptera: Tephritidae, 72 (3), 489 (RN).

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RN Research note.

González-Fuentes, E. A.

*1988, Estimación de los requisitos de riego para maíz dulce (*Zea mays* cv. Suresweet) en la costa sur de Puerto Rico, 72 (2), 277.

*1988, Tres niveles de riego y crecimiento y rendimiento del maíz dulce (*Zea mays* vs. Suresweet) regado por goteo, 72 (4), 565.

González-Ibáñez, J.

†1986, Control by several herbicides of Alexander grass, *Brachiaria plantaginea* (Link) Hitchc., in the greenhouse, 70 (3), 207.

†1987, Pre- and post-emergence control of Vasey grass (*Paspalum urvillei* Steud.) with several herbicides, 71 (2), 233 (RN).

1987, Integrated weed management in transplanted tomatoes and peppers under drip irrigation, 71 (4), 349.

González-Vélez, A.

*1989, Rendimiento y resistencia a la antracnosis de 5 cultivares de frijol, *Dioscorea rotundata* Poir in Lam, 73 (4), 381 (RN).

Goyal, M. R.

1986, Effects of water application rates and planting density on growth parameters of drip irrigated onion, 70 (2), 135.

1986, Average monthly and annual rainfall distribution in Puerto Rico, 70 (4), 267.

1986, Mulching types for soil moisture retention in drip irrigated summer and white peppers, 70 (4), 303 (RN).

*1987, Evaluation of coffee separating machines, 71 (1), 113.

*1987, Evaluation of hand-operated coffee picker, 71 (1), 121 (RN).

1987, Integrated weed management in transplanted tomatoes and peppers under drip irrigation, 71 (4), 349.

*1987, In situ recovery of drip irrigated cabbage roots, 71 (4), 419 (RN).

*1987, Soil moisture potential distribution around an emitter, 71 (4), 423 (RN).

*Senior author.

†Sole author.

RN Research note.

1988, Cost of a drip irrigation system for vegetable farming in Puerto Rico, 72 (1), 31.

*1988, Labor-input requirements for experimental production of drip irrigated vegetables, 72 (1), 41.

*1988, Root distribution of nitrogen fertigated sweet peppers under drip irrigation, 72 (1), 51.

†1988, Potential evapotranspiration for the south coast of Puerto Rico with the Hargreaves-Samani technique, 72 (1), 57.

†1988, Potential evapotranspiration for Vieques Island, Puerto Rico, with the Hargreaves-Samani Model, 72 (1), 177 (RN).

1988, Estimación de los requisitos de riego para maíz dulce (*Zea mays* cv. Suresweet) en la costa sur de Puerto Rico, 72 (2), 277.

*1988, Temperature versus elevation relationships for Puerto Rico, 72 (3), 449.

1988, Tres niveles de riego y crecimiento y rendimiento del maíz dulce (*Zea mays* vs. Suresweet) regado por goteo, 72 (4), 565.

1988, Nutrient uptake and growth characteristics of nitrogen fertigated sweet peppers under drip irrigation and plastic mulch, 72 (4), 575.

*1988, Requisitos de riego para sorgo en las costas sur y norte de Puerto Rico, 72 (4), 585.

*1988, Requisitos de riego para plátano en siete regiones ecológicas de Puerto Rico, 72 (4), 599.

*1988, Seasonal consumptive use of water by bell and Cubanelle peppers in semiarid and humid coastal sites in Puerto Rico, 72 (4), 609.

*1989, Monthly consumptive use of rice in the semiarid and humid regions of Puerto Rico, 73 (1), 31.

*1989, Normal monthly class A pan evaporation for agricultural experiment substations in Puerto Rico, 73 (1), 85 (RN).

*1989, Coeficiente evaporimétrico para Puerto Rico, 73 (1), 89 (RN).

- *1989, Monthly consumptive use of sugarcane in four climatic regions of Puerto Rico, 73 (1), 93 (RN).
- *1989, Post-harvest evaluation of nitrogen fertigated sweet peppers under drip irrigation and plastic mulch, 73 (2), 109.
- *1989, Monthly water consumptive use of papaya in four climatic regions of Puerto Rico, 73 (2), 175 (RN).
- 1989, Selective herbicides to control grass seeds in transplanted tomatoes and peppers, 73 (3), 231.
- *1989, Tomato and sweet pepper response to furrow, microsprinkler and drip irrigation, 73 (3), 239.
- Green, J.**
- 1988, Yam production. II. Antracnose, yield, and profit of monocultures and interplanting, 72 (2), 179.
- Guadalupe, R.**
- 1989, Post-harvest evaluation of nitrogen fertigated sweet peppers under drip irrigation and plastic mulch, 73 (2), 109.
- 1989, Performance of elite banana (*Musa acuminata* AAA) cultivars at four locations of Puerto Rico, 73 (3), 209.
- Guadalupe-Luna, R.**
- 1989, Shelf life and quality components of Parvin mango after 15-day storage, 73 (4), 295.
- Guzmán-Pérez, C. D.**
- 1988, Allelopathic effects of seven weed species to pumpkin (*Cucurbita moschata*) under greenhouse conditions, 72 (3), 491 (RN).
- 1988, Eggplant (*Solanum melongena* L.) transplants and exudates from roots of seven weeds, 72 (3), 495 (RN).
- Hantula, J.**
- *1987, Genic and color polymorphism in Puerto Rican Phylobiine weevils *Dia-prepes abbreviatus* (L.) and *Compsus maricao* Wolcott, 71 (4), 391.
- Hepperly, P.**
- 1986, Premature harvest of soybean seed for rapid generation advance, 70 (3), 159.
- 1987, Sources of resistance to early blight, *Alternaria solani*, and transfer to tomato, *Lycopersicon esculentum*, 71 (1), 85.
- Hepperly, P. R.**
- *1986, Constraints to pigeon pea production under semi-arid conditions in Puerto Rico, 70 (1), 25.
- *1986, A new blight of pigeon pea in Puerto Rico, 70 (1), 79 (RN).
- 1986, Bird and rust damage and seed molds in 30 sorghum, *Sorghum bicolor* (L.) Moench., lines in Mayagüez, Puerto Rico, 70 (2), 99.
- †1986, *Hansfordia* sp.: A parasitic pathogen of dematiaceous plant pathogenic fungi in Puerto Rico, 70 (2), 113.
- *1986, The identity and characterization of downy mildew of sorghum in Puerto Rico, 70 (3), 217 (RN).
- *1986, Bacterial basal rot of straw mushrooms, 70 (3), 219 (RN).
- *1987, Influence of panicle fungicides and harvest schedules on sorghum seed quality under humid tropical conditions in Puerto Rico, 71 (1), 75.
- 1987, Internal mycoflora of Chinese straw mushroom basidiocarps—in vitro effects of mushroom growth, 71 (2), 159.
- 1987, Fungicides to control fungal competitors in Chinese straw mushroom, 71 (2), 165.
- *1987, *Erwina chrysanthemi* Burk., McFadden & Dimock: A bacterial whorl and stalk rot pathogen of sorghum [*Sorghum bicolor* (L.) Moench], 71 (3), 265.
- *1987, New sorghum leaf blight resistant sources: Identification, description and reaction of *F₁* hybrids, 71 (3), 293.
- *1987, Fruity aromas from pink mold and their association with insect attraction, 71 (3), 327 (RN).
- 1988, Nutritional influences on *Variella volvacea* Bull, ex Fr. Sing. Growth in Puerto Rico. I. Carbon and Nitrogen, 72 (1), 19.

*Senior author.

†Sole author.

RN Research note.

- †1988, Sorghum rust, 72 (1), 65.
- 1988, Fungi and insect damage to soybean seeds harvested at immature stages in tropical environments, 72 (1), 73.
- 1988, Yam production, II. Antraenose, yield, and profit of monocultures and interplanting, 72 (2), 179.
- 1988, Agronomic performance of hard endosperm opaque-2 corn populations in Puerto Rico, 72 (2), 309.
- †1988, *Coniothyrium* leafspot: A newly described disease of sorghum, 72 (2), 319 (RN).
- *1989, Mycoflora and germination of maize seed, 73 (2), 115.
- *1989, Tropical yam (*Dioscorea* spp.) performance in western Puerto Rico, 73 (2), 133.
- Hernández (de), E. R.**
- 1989, Post-harvest evaluation of nitrogen fertigated sweet peppers under drip irrigation and plastic mulch, 73 (2), 109.
- Hernández-López, E.**
- 1988, Susceptibilidad de 53 cultivares de café, *Coffea arabica*, al daño del minador del café, *Leucoptera coffeeella*, en Puerto Rico, 72 (1), 165 (RN).
- Inglés, R.**
- 1987, The insects of níspero [*Manilkara zapota* (L.) P van Roger] in Puerto Rico, 71 (1), 129 (RN).
- *1989, Evaluación de plaguicidas y métodos para combatir el picudo negro del plátano, 73 (2) (*Cosmopolites sordidus* Germar), 97.
- Irrizarry, H.**
- *1988, Nutrient uptake and dry matter composition in the plant crop and first ratoon of the Grand Nain banana grown in an Ultisol, 72 (3), 337.
- *1988, The Lacknau plantain: A high yielding cultivar with field resistance to corn weevil, *Cosmopolites sordidus* (Germar), 72 (3), 353.
- Liu, L. C.**
- *1986, Herbicide evaluation for rice, 70 (4), 293.
- Liu, L. C.**
- 1987, Competition of pigweed (*Amaranthus dubius*) with sweet-potato (*Ipomoea batatas*), 71 (1), 7.
- *1987, Methods for controlling jointvetch and waterprimrose in rice fields in Puerto Rico, 71 (1), 107.
- Jackson, G. C.**
- †1986, Additional host plants of the carpenter bee, *Xylocopa brasiliensis* (L.) (Hymenoptera: Apoidea), in Puerto Rico, 70 (4), 255.
- Jiménez, J. A.**
- *1989, Imbibition, germination and cooking time of seeds of dry beans (*Phaseolus vulgaris* L.) stored in different containers, 73 (4), 327.
- Jordán-Molero, F. L.**
- †1986, Behavior of six okra, *Abelmoschus esculentus* (L.) Moench, varieties as a vegetable and as a grain, 70 (1), 57.
- †1986, Effect of planting position, pruning and size of slip on the vegetative development of pineapple, *Ananas comosus* (L.) Merr ev. Smooth Cayenne, 70 (1), 63.
- Kluson, R.**
- 1987, Nitrogen levels and *Rhizobium* inoculation and yields of native white bean (*Phaseolus vulgaris*), 71 (1), 1.
- Kluson, R.**
- 1988, *Rhizobium* inoculation of *Phaseolus vulgaris* in Lajas, Puerto Rico, 72 (3), 427.
- Lee, C. T.**
- †1988, Effect of plant spacing on growth and yield of winged bean, 72 (2), 273.
- Licha, M.**
- 1988, Tanier (*Xanthosoma* spp.) propagation in vitro, 72 (3), 413.
- Liu, L. C.**
- *1986, Herbicide evaluation for rice, 70 (4), 293.
- Liu, L. C.**
- 1987, Competition of pigweed (*Amaranthus dubius*) with sweet-potato (*Ipomoea batatas*), 71 (1), 7.
- *1987, Methods for controlling jointvetch and waterprimrose in rice fields in Puerto Rico, 71 (1), 107.
- *Senior author.
- †Sole author.
- RN Research note.

- *1987, Bentazon mixtures to control weeds in rice, 71 (2), 217.
- *1987, Integrated weed management in transplanted tomatoes and peppers under drip irrigation, 71 (4), 349.
- 1988, Periodo critico de competencia de las malezas en el tomate de trasplante, 72 (2), 291.
- *1988, Optimum time interval and frequency of glyphosate application for weed control in plantain (*Musa* sp.), 72 (2) 297.
- *1988, Chemical control of climbing mimosa in a local pasture, 72 (4), 615 (RN).
- 1989, Effect of four herbicides on the establishment of forage yield of star-grass in Puerto Rico, 73 (2), 149.
- *1989, Selective herbicides to control grass seeds in transplanted tomatoes and peppers, 73 (3), _____.
- Lui, L. J.**
- *1988, Tanier (*Xanthosoma* spp.) propagation in vitro, 72 (3), 413.
- *1989, In vitro propagation of plantain (*Musa acuminata* x *M. balbisiana* ABB) and banana (*M. acuminata* AAA) in Puerto Rico, 73 (1), 51.
- *1989, Smooth leaf (spineless) Red Spanish pineapple (*Ananas comosus*) propagated in vitro, 73 (4), 301.
- Lizardi, E.**
- 1989, In vitro propagation of plantain (*Musa acuminata* x *M. balbisiana* ABB) and banana (*M. acuminata* AAA) in Puerto Rico, 73 (1), 51.
- 1989, Smooth leaf (spineless) Red Spanish pineapple (*Ananas comosus*) propagated in vitro, 73 (4), 301.
- Lokki, J.**
- Genic and color polymorphism in Puerto Rican Phyllobiine weevils *Dia-prepes abbreviatus* (L.) and *Compsus maricao* Wolcott, 71 (4), 391.
- López, J.**
- 1987, Growth and yield of mango trees at three stages of development influenced by rootstock, scion variety, 71 (4), 341.
- 1988, Dwarfing effect of interstems on growth and yield components of mango, 72 (4), 501.
- López, J. M.**
- 1989, Pathogenicity of *Meloidogyne incognita* in tanier (*Xanthosoma caracu*), 73 (3), 277 (RN).
- Lozano, J.**
- *1986, Effect of straw disposal method and of nitrogen rates on rice yields and recovery of fertilizer nitrogen, 70 (2), 91.
- Lozano, J. M.**
- 1986, Herbicide evaluation of rice, 70 (4), 293.
- 1987, Methods for controlling jointvetch and waterprimrose in rice fields in Puerto Rico, 71 (1), 107.
- 1987, Bentazon mixtures to control weeds in rice, 71 (2), 217.
- Luciano, B.**
- 1988, Determinate pigeonpea [*Cajanus cajan* (L.) Millsp.] genotypes on the north and south coasts of Puerto Rico, 72 (4), 545.
- Lugo, M. L.**
- *1988, Periodo critico de competencia de las malezas en el tomate de trasplante, 72 (2), 291.
- Lugo, M. de L.**
- *1989, Variedades de tomate (*Lycopersicon esculentum* Mill.) y susceptibilidad al nematodo *Meloidogyne incognita*, 73 (1), 83 (RN).
- *1989, Effect of four herbicides on the establishment and forage yield of star-grass in Puerto Rico, 73 (2), 149.
- 1989, Suitability of pumpkin genotypes to *Meloidogyne incognita*, 73 (2), 167 (RN).
- Lugo-López, M. A.**
- 1987, Restoration of productivity in tropical eroded soils under appropriate management, 71 (1), 18.
- 1987, Soil erosion in southeastern Haiti, 71 (2), 239 (RN).

*Senior author.

RN Research note.

Lugo-Mercado, H. M.

*1987, Yield response of watermelon, tomato and pigeon pea to land preparation techniques in southern Puerto Rico, 71 (2), 203.

1987, Tillage, physical properties of Coto clay and the yield of plantain and sweet potato, 71 (3), 307.

*1988, Yield response of vegetables to tillage techniques on a Vertisol of the semiarid region of Puerto Rico, 72 (1), 119.

Maldonado-Capriles, J.

†1986, The Reduviidae (Hemiptera) of Puerto Rico: An Annotated List, 70 (1), 1.

†1986, The Genus *Pnirontis*, The Subinermis Group of Species (Hemiptera: Reduviidae: Stenopodainae), 70 (1), 9.

†1987, Orbella, a new harpactorine genus (Hemiptera Reduviidae), 71 (2), 193.

†1987, New names in *Veledella* and *Sastrapada*, first description of male *Lamotteus ornatus* Villiers. (Reduviidae), 71 (2), 199.

†1987, *Homalocoris punctatus* n. sp. and key to the species in the genus (Reduviidae: Microtominiae), 71 (3), 249.

1987, New records of mites for Puerto Rico, 71 (4), 399.

1988, Contribution to the knowledge of *Rasahus* Amyot and Serville, 1843 (Hemiptera: Reduviidae): Description of a new species, 72 (2), 247.

1988, Contribution to the knowledge of American Ectrichodiinae. I. Notes about *Rhiginia* (Hemiptera: Reduviidae), 72 (2), 251.

Mangual-Crespo, G.

*1987, Nitrogen levels and *Rhizobium* inoculation and yields of native white bean (*Phaseolus vulgaris*), 71 (1), 1.

Mari-Mutt, J. A.

†1986, Collembola associated with grasses in the grounds of the University of Puerto Rico at Mayagüez, 70 (1), 74 (RN).

*Senior author.

†Sole author.

RN Research note.

†1987, Redescription of *Seria oceanica* Yosii, 1960 (Collembola: Entomobryidae), 71 (3), 331 (RN).

Martin, F. W.

†1986, Sugars in staple type sweet potatoes as affected by cooking and storage, 70 (2), 121.

*1987, Sources of resistance to early blight, *Alternaria solani*, and transfer to tomato, *Lycopersicon esculentum*, 71 (1), 85.

†1987, Genes for long shelf-life in tomato, 71 (3), 313.

*1987, Culinary characteristics of new selections of sweet potato, 71 (4), 365.

†1987, Fried chips from staple-type sweet potatoes, 71 (4), 373.

†1987, Planting dates and yields of four sweet potato clones in Puerto Rico, 71 (4), 379.

*1988, Sensory evaluation of cooked new sweet potato selections, 72 (2), 265.

†1988, Planting dates and morphology and growth of four sweetpotato clones in Puerto Rico, 72 (3), 437.

Martinez-Garrastazu, S.

1989, Sapodilla (*Manilkara sapota* L. V. Rogen, *Achras sapota* Linn.) variety trials in southern Puerto Rico, 73 (3), 255.

Martinez-Rivera, W.

*1987, Tillage, physical properties of Coto clay and the yields of plantain and sweet potato, 71 (3), 307.

Mateo-Solano, M.

*1988, Heritabilities and phenotypic correlations for seed yield and seed yield components of beans, 72 (2), 301.

*1989, Heritabilities and phenotypic correlations of morphological traits of beans, 73 (4), 349.

McGinty, A. S.

1986, Depredation of tilapia fry by dragonfly nymphs and a means for control, 70 (3), 213.

*1987, Polyculture of all-male tilapia hybrids with low densities of *Macrobrachium rosenbergii*, 71 (2), 225.

Medina-Gaud, S.

*1986, The coconut palm Eriophyid mite, *Eriophyes guerreronis* (Keifer) (Acarina: Eriophyidae) in Puerto Rico, 70 (3), 223 (RN).

*1987, The insects of níspero [*Manilkara zapota* (L.) P. van Roger] in Puerto Rico, 71 (1), 129 (RN).

1987, New records of mites for Puerto Rico, 71 (4), 399.

1988, *Thrips palmi* (Thysanoptera: Thripidae): A new insect pest for Puerto Rico, 72 (2), 327 (RN).

1988, False smut, a new disease record from Puerto Rico's rice fields, 72 (2), 331 (RN).

1988, *Lissorhoptrus isthmicus* Kuschel (Coleoptera: Curculionidae): a new rice pest for Puerto Rico, 72 (2), 333 (RN).

1988, Host plants of pentatomids affecting rice fields in Puerto Rico, 72 (3), 365.

1988, Natural enemies of pentatomids affecting rice fields in Puerto Rico, 72 (3), 371.

*1989, *Fulmekiola serrata* (Kobus) (Thysanoptera: Thripidae): a new sugarcane pest in Puerto Rico, 73 (4), 391 (RN).

*1989, Natural enemies of the melon-worm, *Diaphania hyalinata* L. (Lepidoptera: Pyralidae), in Puerto Rico, 73 (4), 313.

*1989, Notes on insect pests of soursop (Guanábana), *Annona muricata* L., and their natural enemies in Puerto Rico, 73 (4), 383 (RN).

1989, Homoptera-Auchenorrhyncha from rice fields in Puerto Rico, 73 (4), 395 (RN).

1989, Natural enemies and alternate hosts of *Marasmia trapezalis* (Guenée) affecting rice in Puerto Rico, 73 (4), 397 (RN).

Meléndez, P. L.

*1986, Bean rust control under field conditions with systemic and contact fungicides, 70 (1), 45.

*Senior author.

RN Research note.

1986, Effect of fungicide on disease incidence and yield of bean, *Phaseolus vulgaris* L., infected with *Isariopsis griseola* Sacc, and *Ascochyta phaseolorum* Sacc, 70 (2), 127.

1986, Histopathology of interrelations between *Fusarium oxysporum* f. sp. *dioscoreae* and two nematode species on yam, 70 (4), 245.

Méndez-Cruz, A. V.

*1988, Yield and nutritive value of hay from five tropical grasses at three harvesting intervals, 72 (1), 109.

1988, Production of grazed tropical grasses in different agroecosystems in Puerto Rico. III. Semiarid, 72 (2), 211.

*1988, Storage and digestibility, voluntary intake and chemical components of five tropical grasses, 72 (4), 531.

Mendoza, N.

1988, Determinate pigeonpeas [*Cajanus cajan* (L.) Mills] genotype on the north and south coasts of Puerto Rico, 72 (4), 545.

Michelini, S.

*1988, Vesicular-arbuscular mycorrhizal fungus inoculation of sour orange seedlings in Barbados, 72 (2), 191.

Mignucci, J. S.

1986, *Curvularia* leaf spot on yams, *Diocorea* spp., 70 (4), 277.

*1988, Yam protection. II. Antracnose, yield, and profit of monocultures and interplantings, 72 (2), 179.

Miller, F.

1986, Agronomic comparison and in vitro dry matter digestibility of eight sorghums at two locations in Puerto Rico, 70 (1), 37.

Mohammed, S.

1988, Some constituents of mabí bark, 72 (4), 625. (RN).

Montalvo, A. E.

*1986, Histopathology of interrelations between *Fusarium oxysporum* f. sp. *dioscoreae* and two nematode species on yam, 70 (4), 245.

1989, Pathogenicity of *Meloidogyne incognita* in tanier (*Xanthosoma caraeu*), 73 (3), 277 (RN).

Morales, A.

*1988, Determinate pigeonpea [*Cajanus cajan* (L.) Millsp.] genotypes on the north and south coasts of Puerto Rico, 72 (4), 545.

Moret, A.

1989, Evaluación química y organoléptica de vino de la variedad de uvas Fortuna Blanca, cosecha 1986, 73 (1), 11.

Moret-Figueroa, A.

†1989, Fermentation de diferentes concentraciones de sacarosa por *Zymomonas mobilis*, 73 (2), 177 (RN).

Murphy, N. F.

1988, Pilot Plant fermentation of high test molasses compared with blackstrap molasses using factorial design, 72 (1), 9.

*1988, Evaluation of a commercial yeast nutrient for high test molasses fermentation, 72 (1), 173 (RN).

1988, The use of distillers' dry yeast as inoculum for rum fermentation in pilot plant scale, 72 (3), 445.

†1988, Batch fermentation patterns for different strains of *Zymomonas* in high test molasses and blackstrap molasses, 72 (3), 475 (RN).

†1988, Ethanol production from blackstrap molasses by *Zymomonas mobilis* and *Saccharomyces* sp, 72 (3), 483 (RN).

1988, Pilot plant scale evaluation of a commercial yeast nutrient for high test molasses fermentation, 72 (4), 509.

Navarro, A.

*1989, Two drip irrigation rates and two emitter placements in tomato production, 73 (1), 23.

Negrón, J.

1986, Insect and nematode control in cucumber (*Cucumis sativus*) in Puerto Rico, 70 (1), 19.

Nemec, S.

1988, Vesicular-arbuscular mycorrhizal fungus inoculation of sour orange seedlings in Barbados, 72 (2), 191.

*Senior author.

†Sole author.

RN Research note.

Newman, J.

1989, Two drip irrigation rates and two emitter placements in tomato production, 73 (1), 23.

Olmeda, R. F.

*1986, Four nitrogen levels and three water management systems on rice yield and nitrogen recovery, 70 (3), 197.

Oramas, D.

1988, The Lacknau plantain: A high yielding cultivar with field resistance to the corm weevil, *Cosmopolites soridus* (Germar), 72 (3), 353.

Orengo, E.

1988, Yield response of vegetables to tillage techniques on a Vertisol of the semiarid region of Puerto Rico, 72 (1), 119.

Orengo-Santiago, E.

*1987, Influence of glyphosate and paraquat pre-transplant treatments on weed control and pepper yield, 71 (1), 65.

1987, Postemergence weed control in pigeon peas with glyphosate shielded treatments, 71 (4), 359.

Ortiz, A. A.

1988, Bacteria associated with the West Indian fruit fly *Anastrepha obliqua* (Macquart) (Diptera: Tephritidae), 72 (3), 489 (RN).

Ortiz, C.

*1986, Premature harvest of soybean seed for rapid generation advance, 70 (3), 159.

*1988, Fungi and insect damage to soybean seeds harvested at immature stages in tropical environments, 72 (1), 73.

*1988, Yield response of vegetables to tillage techniques on a Vertisol of the semiarid region of Puerto Rico, 72 (1), 119.

Ortiz, C. E.

1989, Resistance to rust and smut among Puerto Rico sugarcane clones, 73 (1), 45.

1989, Effect of four herbicides on the establishment of forage yield of star-grass in Puerto Rico, 73 (2), 149.

Ortiz, F. H.

1987, Competition of pigweed (*Amaranthus dubius*) with sweet potato (*Ipomoea batatas*), 71 (1), 7.

1988, Determinate pigeonpeas [*Cajanus cajan* (L.) Millsp.] genotypes on the north and south coasts of Puerto Rico, 72 (4), 245.

Ortiz-Alvarado, F. H.

1987, Yield response of watermelon, tomato and pigeon pea to land preparation techniques in southern Puerto Rico, 71 (2), 203.

Padovani, F.

1987, Distribution of adult *Diaprepes abbreviatus* L. (Coleoptera: Curculionidae) in north and northwest sugarcane areas in Puerto Rico, 71 (4), 411 (RN).

Pantoja, A.

*1988, *Thrips palmi* (Thysanoptera: Thripidae): A new insect pest for Puerto Rico, 72 (2), 327 (RN).

*1988, False smut, a new disease record from Puerto Rico rice fields, 72 (2), 331 (RN).

*1988, *Lissorhoptrus isthmicus* Kuschel (Coleoptera: Curculionidae): a new rice pest for Puerto Rico, 72 (2), 333 (RN).

1988, Host plants of pentatomids affecting rice fields in Puerto Rico, 72 (3), 365.

1988, Natural enemies of pentatomids affecting rice fields in Puerto Rico, 72 (3), 371.

1988, Sequential sampling plan, yield-loss components and economic thresholds for the pepper weevil, *Anthonomus eugenii* Cano (Coleoptera: Curculionidae), 72 (3), 375.

1988, Evaluation of relative sampling methods for population estimation of the pepper weevil, *Anthonomus eugenii* Cano (Coleoptera: Curculionidae), 72 (3), 387.

*1989, Homoptera-Auchenorrhyncha from rice fields in Puerto Rico, 73 (4), 395 (RN).

*Senior author.

RN Research note.

*1989, Natural enemies and alternate hosts of *Marasmia trapezalis* (Guenée) affecting rice in Puerto Rico, 73 (4), 397 (RN).

1989, Notes on insect pests of soursop (guanábana), *Annona muricata* L., and their natural enemies in Puerto Rico, 73 (4), 383 (RN).

Parsi-Ros, O.

*1987, Processing and the nutritional contents of canned and fresh pigeon peas [*Cajanus cajan* (L.)], 71 (1), 33.

*1987, Processing and storage and the nutritional contents of pigeon peas [*Cajanus cajan* (L.)], 71 (1), 43.

Pérez, A.

*1987, Growth, yield of mango trees at three stages of development influenced by rootstock, scion variety, 71 (4), 341.

*1988, Effect of dwarfing rootstocks on tree size and yield of selected mango varieties, 72 (1), 1.

*1988, Dwarfing effect of interstems and growth and yield components of mango, 72 (4), 501.

Persaud, T.

*1988, Cost of a drip irrigation system for vegetable farming in Puerto Rico, 72 (1), 31.

1988, Labor-input requirements for experimental production of drip irrigated vegetables, 72 (1), 41.

Poventud, A.

1987, Soil moisture potential distribution around an emitter, 71 (4), 423 (RN).

Quiles-Belén, A.

*1988, Corn response to N applications and population densities at two locations in Puerto Rico, 72 (1), 127.

1989, Field evaluation of the susceptibility of eight sorghum hybrids to the sorghum midge, *Contarinia sorghicola* (Coquillett) (Diptera: Cerdomyiidae), 73 (2), 155 (RN).

Quiñones, R.

1987, Etrin spray in combination with etrin eartags and control of *Boophilus microplus* (Canestrini) in dairy cattle, 71 (3), 241.

Ramírez, C. T.

1989, Failure of calcium sources to control blossom-end rot in watermelons, 73 (3), 287 (RN).

Ramírez-Oliveras, G.

1988, Yield and nutritive value of hay from five tropical grasses at three harvesting intervals, 72 (1), 109.

*1989, Leaf-blade freckling in sugarcane seedlings, 73 (3) 285 (RN).

1989, NADH oxidation, H⁺ efflux, and nutrient ion uptake of soybean roots, 73 (4), 375.

Ramos-Dávila, E.

1986, Bacterial basal rot of straw mushrooms, 70 (3), 219 (RN).

1987, *Erwinia chrysanthemi* Burk., McFadden & Dimock: A bacterial whorl and stalk rot pathogen of sorghum [*Sorghum bicolor* (L.) Moench.], 71 (3), 265.

Ramos-Santana, R.

*1989, Field observations on the flowering behavior pattern of four grass genera, 73 (4), 405 (RN).

Randel, P. F.

*1986, Rearing dairy heifers on pastures fertilized at moderate levels with or without supplemental concentrates at different stages, 70 (2), 143.

*1988, Confinement feeding of dairy cows based on stargrass as green chopped fodder and hay, 72 (2), 231.

1989, Two levels of liquid *Streptomyces* solubles in pelleted concentrate feeds for dairy cows, 73 (1), 1.

Ravelo, E. J.

*1986, Average monthly and annual rainfall distribution in Puerto Rico, 70 (4), 267.

1989, Normal monthly class A pan evaporation for Agricultural Experiment Stations in Puerto Rico, 73 (1), 85 (RN).

Reams-Rivera, R.

1989, La enfermedad de "Johne" en una vaquería de Puerto Rico: Informe de un caso clínico, 73 (4), 415 (RN).

*Senior author.

†Sole author.

RN Research note.

Recio de Hernández, E.

1987, Evaluation of coffee separating machines, 71 (1), 113.

1987, Elaboration shelf-life and quality evaluation of dishes prepared with pumpkin, 71 (3), 301.

1988, Freezing and shelf life of sweet potato and citron bars, 72 (1), 171 (RN).

Reyes, I.

1986, Herbicide evaluation in three cucurbits, 70 (2), 85.

1987, Growth, yield of mango trees at three stages of development influenced by rootstock, scion variety, 71 (4), 341.

Reyes-Soto, I.

1988, Effect of dwarfing rootstocks on tree size and yield of selected mango varieties, 72 (1), 1.

1988, Dwarfing effect of interstems and growth and yield components of mango, 72 (4), 501.

Rivera, E.

1988, Nutrient uptake and dry matter composition in the plant crop and first ratoon of the Grand Nain banana grown on an Ultisol, 72 (3), 337.

1988, The Lacknau plantain: A high yielding cultivar with field resistance to the corm weevil, *Cosmopolites soridus* (Germar), 72 (3), 353.

1989, Ethephon for reduction of multiple tubers in the water yam (*D. alata*), 73 (3), 195.

1989, Performance of elite banana (*Musa acuminata*, AAA) cultivars at four locations of Puerto Rico, 73 (3), 209.

Rivera, F. R.

1987, Evaluation of hand-operated coffee picker, 71 (1), 121 (RN).

Rivera, J.

1989, Tentative identification of volatile components of pineapple juice from varieties Red Spanish and PR 1-67, 73 (3), 189.

Rivera, L. E.

*1986, Mulch types for soil moisture in drip irrigated summer and winter peppers, 70 (4), 303 (RN).

- 1988, Labor-input requirements for experimental production of drip irrigated vegetables, 72 (1), 41.
- 1988, Root distribution of nitrogen fertigated sweet peppers under drip irrigation, 72 (1), 51.
- 1988, Dry beans and varying cultural practices at two locations on the coastal plain of Puerto Rico, 72 (4), 521.
- 1988, Nutrient uptake and growth characteristics of nitrogen fertigated sweet peppers under drip irrigation and plastic mulch, 72 (4), 575.
- Rivera, M. I.**
- 1987, Aging of high-test molasses rums, 71 (2), 137.
- Rivera-Negrón, F. R.**
- 1987, Evaluation of coffee separating machines, 71 (1), 113.
- Rivera-Vargas, L. I.**
- *1987, Internal mycoflora of Chinese straw mushroom basidiocarps—in vitro effects of mushroom growth, 71 (2), 159.
- *1987, Fungicides to control fungal competitors in Chinese straw mushroom, 71 (2), 165.
- Rodríguez, A.**
- 1989, *Fulmekiola serrata* (Kobus) (Thysanoptera: Thripidae): a new sugarcane pest in Puerto Rico, 73 (4), 391 (RN).
- Rodríguez, J.**
- 1988, Nutrient uptake and dry matter composition in the plant crop and first ratoon of the Grand Nain banana grown on an Ultisol, 72 (3), 337.
- 1989, Evaluación de plaguicidas y métodos para combatir el picudo negro del plátano, 73 (2), 97.
- Rodríguez, J. A.**
- 1988, The Lacknau plantain: A high yielding cultivar with field resistance to the corm weevil, *Cosmopolites soridus* (Germar), 72 (3), 353.
- 1989, In vitro propagation of plantain (*Musa acuminata* × *M. balbisiana* ABB) and banana (*M. acuminata* AAA) in Puerto Rico, 73 (1), 51.
- *Senior author.
- RN Research note.
- Rodríguez, J. E.**
- 1989, Field observations on the flowering behavior pattern of four grass genera, 73 (4), 405 (RN).
- Rodríguez, J. L.**
- 1986, Reaction of 43 sugarcane clones to smut, *Ustilago scitaminea* (Sydow), 70 (4), 287.
- 1989, Resistance to rust and smut among Puerto Rico sugarcane clones, 73 (1), 45.
- Rodríguez, R.**
- 1986, Constraints to pigeon pea production under semi-arid conditions in Puerto Rico, 70 (1), 25.
- 1986, Bean rust control under field conditions with systemic and contact fungicides, 70 (1), 45.
- 1986, A new blight of pigeon pea in Puerto Rico, 70 (1), 79 (RN).
- *1986, Effect of fungicide on disease incidence and yield of bean, *Phaseolus vulgaris* L., infected with *Isariopsis griseola* Sacc. and *Ascochyta phaseolorum* Sacc., 70 (2), 127.
- Rodríguez, T.**
- 1988, Shelf life and acceptability of hot water-treated mangoes, 72 (3), 469.
- Rodríguez-Canel, R. E.**
- 1987, Fruity aromas from pink mold and their association with insect attraction, 71 (3), 327 (RN).
- Rodríguez de Cianzio, S.**
- 1986, Premature harvest of soybean seed for rapid generation advance, 70 (3), 159.
- *1987, Inheritance of agronomic and seed composition traits in *Glycine max* × *Glycine soja* crosses, 71 (1), 53.
- 1988, Fungi and insect damage to soybean seeds harvested at immature stages in tropical environments, 72 (1), 73.
- Rodríguez-García, J.**
- 1988, Optimum time interval frequency of glyphosate application of weed control in plantain (*Musa* sp.), 72 (2), 297.
- Rodríguez-Sosa, E. J.**
- 1987, Processing and the nutritional contents of canned and fresh pigeon peas (*Cajanus cajan* (L.)), 71 (1), 33.

- Rodríguez-Toro, W.**
 1986, Thermal resistance of spores of two species of the genus *Bacillus*, 70 (3), 189.
- Román-Hernández, O.**
 1988, Dry beans and varying cultural practices at two locations on the coastal plain of Puerto Rico, 72 (4), 521.
- Rosa-Márquez, E.**
 1988, Tanier (*Xanthosoma* spp.) propagation in vitro, 72 (3), 413.
 1989, In vitro propagation of plantain (*Musa acuminata* x *M. balbisiana* ABB) and banana (*M. acuminata* AAA) in Puerto Rico, 73 (1), 51.
 1989, Smooth leaf (spineless) Red Spanish pineapple (*Ananas comosus*) propagated in vitro, 73 (4), 301.
- Rosario, C.**
 *1986, Life cycle of diamondback moth, *Plutella xylostela* (L.) (Lepidoptera: Yponomeutidae), in Puerto Rico, 70 (4), 229.
- Rueda, D.**
 1989, Yield stability of dry bean genotypes in Honduras, 73 (4), 339.
- Ruiz, H.**
 1987, Bacterial leaf spot on pigeon pea in Puerto Rico, 71 (2), 177.
 1988, *Thrips palmi* (Thysanoptera: Thripidae): A new insect pest for Puerto Rico, 72 (2), 327 (RN).
- Ruiz, T.**
 1987, Ectrin spray in combination with ectrin eartags and control of *Boophilus microplus* (Canestrini) in dairy cattle, 71 (3), 241.
 1989, La enfermedad "Johne" en una vaquería de Puerto Rico: Informe de un caso clínico, 73 (4), 415 (RN).
- Ruiz-Sifre, G.**
 1989, Evaluación del ingreso bruto generado por las aglaonemas "Silver Queen" y "María" a diferentes niveles de sombra, 73 (4), 399 (RN).
- Saladín, F.**
 1989, Imbibition, germination and cooking time of seeds of dry beans (*Phaseolus vulgaris* L) stored in different containers, 73 (4), 327.
- Saladín-García, F.**
 1988, Heritabilities and phenotypic correlations for seed yield and seed yield components of beans, 72 (2), 301.
 1989, Heritabilities and phenotypic correlations of morphological traits of beans, 73 (4), 349.
- Sánchez, L. A.**
 1989, Sustratos de arroz (*Oriza sativa* L.) y el crecimiento del hongo biocontrolador de nemátodos *Paecilomyces lilacinus*, 73 (1), 79 (RN).
 *1989, Performance of *Arthrobotrys* spp., alone and in combination with *Paecilomyces lilacinus*, as biocontrollers of *Meloidogyne incognita* in tomato, 73 (3), 281 (RN).
- Saneux, H.**
 1986, *Curicularia* leaf spot on yams, *Dioscorea* spp., 70 (4), 277.
- Saura, A.**
 1987, Genic and color polymorphism in Puerto Rican Phylobiine weevils *Diaprepes abbreviatus* (L.) and *Compsus maricao* Wolcott, 71 (4), 391.
- Santiago, M. A.**
 1989, Rendimiento y evaluación sensorial de cultivares de los ñames *D. rotundata* y *D. cayenensis*, 73 (3), 203.
- Santiago-Córdova, M.**
 1989, Sensory evaluation of arracacha (*Arracacia xanthorrhiza* Bancroft) cultivars in Puerto Rico, 73 (3), 291 (RN).
 1989, Rendimiento y resistencia a la antracnosis de 5 cultivares de ñame *Dioscorea rotundata* Poir in Lam, 73 (4), 381 (RN).
- Schröder, E.C.**
 1986, Reaction of *Leucaena leucocephala* to populations of *Meloidogyne incognita* and *M. javanica* from Puerto Rico, 70 (2), 157 (RN).
 1987, Nitrogen levels and *Rhizobium* inoculation and yield of native white bean (*Phaseolus vulgaris*), 71 (1), 1.

*Senior author.

RN Research note.

- 1988, Rhizobium inoculation of *Phaseolus vulgaris* in Lajas, Puerto Rico, 72 (3), 427.
- Seaforth, C. E.**
- *1988, Some constituents of mabí bark, 72 (4), 625 (RN).
- Segarra, A.**
- 1988, Chemical control of *Liriomyza sativae* and of Lepidoptera larvae on tomato, 72 (1), 169, (RN).
- 1988, *Thrips palmi* (Thysanoptera: Thripidae): A new insect pest for Puerto Rico, 72 (2), 327 (RN).
- Segarra, A. E.**
- †1988, Identity and economic importance of fruit flies attacking mango in Puerto Rico: A two-year survey, 72 (2), 325 (RN).
- *1988, Sequential sampling plan, yield-loss components and economic thresholds for the pepper weevil, *Anthonomus eugenii* Cano (Coleoptera: Curculionidae), 72 (3), 375.
- *1988, Evaluation of relative sampling methods for population estimation of the pepper weevil, *Anthonomus eugenii* Cano Coleoptera: Curculionidae, 72 (3), 387.
- Segarra-Carmona, A. E.**
- 1986, *Eumecosomyia nubila* (Wiedemann), a new otiid in Puerto Rico, with notes on the habits of the dipteran species complex of corn, 70 (2), 155 (RN).
- *1988, Relative susceptibility of *Crotalaria* spp. to attack by *Etiella zinckenella* in Puerto Rico, 72 (1), 147.
- *1988, Notes on the natural enemies of *Etiella zinckenella* in Puerto Rico, 72 (1), 153.
- *1988, The sorghum midge, *Contarinia sorghicola*, a sorghum pest newly introduced to Puerto Rico, 72 (1), 161 (RN).
- *1988, Bacteria associated with the West Indian fruit fly *Anastrepha obliqua* (Macquart) (Diptera: Tephritidae), 72 (3), 489 (RN).
- *1989, Field evaluation of the susceptibility of eight sorghum hybrids to the sorghum midge, *Contarinia sorghicola* Coquillett (Diptera: Cecidomyiidae), 73 (2), 155 (RN).
- 1989, Notes on insect pests of soursop (guanábana), *Annona muricata* L., and their natural enemies in Puerto Rico, 73 (4), 383 (RN).
- Semidey, N.**
- *1986, Herbicide evaluation in three cucurbits, 70 (2), 85.
- *1986, Asulam and other postemergence herbicides for sugarcane, 70 (4), 235.
- *1986, Chemical control of *Echinochloa colonum* in sweet corn, 70 (4), 311 (RN).
- *1987, Competition of pigweed (*Amaranthus dubius*) with sweet potato (*Ipomoea batatas*), 71 (1), 7.
- 1987, Influence of glyphosate and paraquat pre-transplant treatment on weed control and pepper yield, 71 (1), 65.
- *1987, Glyphosate on tomato and sweet pepper yields, 71 (2), 235 (RN).
- *1987, Oxyfluorfen: A candidate herbicide for weed control in pigeon peas, 71 (3), 277.
- *1987, Postemergence weed control in pigeon peas with glyphosate shielded treatments, 71 (4), 359.
- *1989, Chemical weed management in onions (*Allium cepa* L.), 73 (1), 59.
- *1989, Broadleaf weed control in peppers with herbicides applied pre-transplant, 73 (1), 67.
- Semidey-Laraquente, N.**
- 1988, Evaluation of diquat for post-emergence weed control in pumpkin (*Cucurbita moschata*), 72 (2), 285.
- 1988, Allelopathic effects of seven weed species to pumpkin (*Cucurbita moschata*) under greenhouse conditions 72 (3), 491 (RN).
- 1988, Eggplant (*Solanum melongena* L.) transplants and exudates from roots of seven weeds, 72 (3), 495 (RN).

*Senior author.

†Sole author.

RN Research note.

Sepúlveda, J. M.

1989, *Howardula* sp., a nematode new for Puerto Rico parasitizing a parthenogenetic sweet potato associate flea beetle, *Chaetocnema perplexa* Blake, 73 (2), 171 (RN).

Siberio, V.

1987, Tratamiento para parásitos internos y externos en gallinas ponedoras mantenidas en jaulas elevadas y de piso con camada, 71 (1), 133 (RN).

1987, Pausa forzada y postura sub-siguiente en gallinas de huevo marrón, 71 (3), 255.

Siberio-Torres, V.

1988, Yield and nutritive value of hay from five tropical grasses at three harvesting intervals, 72 (1), 109.

1988, Storage and digestibility, voluntary intake and chemical components of hay of five tropical grasses, 72 (4), 531.

Sievens, G.

1988, Chemical control of climbing mimosa in a local pasture, 72 (4), 615 (RN).

1989, La enfermedad de "Johne" en una vaquería de Puerto Rico: Informe de un caso clínico, 73 (4), 415 (RN).

Silva-Negrón, L.

1988, Refrigeration before incubation and its effect on recovery of two types of bacteria from food 72 (4), 617 (RN).

1989, Conventional versus the petrifilm method for enumeration of different types of bacteria, 73 (3), 183.

Soldevila, M.

1987, Tratamiento para parásitos internos y externos en gallinas ponedoras mantenidas en jaulas elevadas y de piso con camada, 71 (1), 133 (RN).

*1987, Pausa forzada y postura sub-siguiente en gallinas de huevo marrón, 71 (3), 255.

Sosa, M.

1989, *Fulmekiola serrata* (Kobus) (Thysanoptera: Thripidae): a new sugarcane pest in Puerto Rico, 73 (4), 391 (RN).

Sotomayor-Ríos, A.

1986, Agronomic comparison and in vitro dry matter digestibility of eight sorghums at two locations in Puerto Rico, 70 (1), 37.

1986, Bird and rust damage and seed molds in 30 sorghum, *Sorghum bicolor* (L.) Moench., lines in Mayagüez, Puerto Rico, 70 (2), 99.

1987, Influence of panicle fungicides and harvest schedules on sorghum seed quality under humid tropical conditions in Puerto Rico, 71 (1), 75.

1987, New sorghum leaf blight resistant sources: Identification, descriptions and reaction of F₁ hybrids, 71 (3), 293.

1988, Corn response to N applications and population densities at two locations in Puerto Rico, 72 (1), 127.

1989, Field evaluation of the susceptibility of eight sorghum hybrids to the sorghum midge, *Contarinia sorghicola* (Coquillett) (Diptera: Cecidomyiidae), 73 (2), 155 (RN).

Stutte, C. A.

1989, NADH oxidation, H⁺ efflux, and nutrient ion uptake of soybean roots, 73 (4), 375.

Tergas, L. E.

*1988, Response of tropical grasses to potassium fertilization in the humid coastal region of Puerto Rico, 72 (1), 81.

*1988, Production of grazed tropical grasses at Toa Baja in the humid northern coastal plains of Puerto Rico, 72 (1), 91.

*1988, Production of grazed tropical grasses in different agroecosystems in Puerto Rico. I. Humid mountain, 72 (1), 99.

*1988, Production of grazed tropical grasses in different agroecosystems in Puerto Rico. II. Humid northern coastal plains, 72 (2), 201.

*1988, Production of grazed tropical grasses in different agroecosystems in Puerto Rico. III. Semiarid, 72 (2), 211.

*1988, Forage production of nine alfalfa cultivars in the semiarid region of Puerto Rico, 72 (2), 221.

*Senior author.
RN Research note.

- Torres (de), C. S.**
 *1987, Aging of high-test molasses rums, 71 (2), 137.
- Torres, J. A.**
 †1989, The status of the fungi-grower ants (Hymenoptera: Formicidae) in Puerto Rico and adjacent islands, 73 (4), 401 (RN).
- Torres, R. I.**
 *1986, Curvularia leaf spot on yams, *Dioscorea* spp. 70 (4), 277.
- Torres-Cardona, S.**
 *1986, Agronomic comparison and in vitro dry matter digestibility of eight sorghums at two locations in Puerto Rico, 70 (1), 87.
 1988, Corn response to N applications and population densities at two locations in Puerto Rico, 72 (1), 127.
 1989, Field evaluation of the susceptibility of eight sorghum hybrids to the sorghum midge, *Contarinia sorghicola* (Coquillett) (Diptera: Cecidomyiidae), 73 (2), 155 (RN).
- Torres-López, R.**
 1988, Yam protection. II. Antracnose, yield, and profit of monocultures and interplanting, 72 (2), 179.
- Torres-López, R. I.**
 *1988, Nutritional influences on *Volvariella volvacea* Bull, ex. Fr. Sing. Growth in Puerto Rico. I. Carbon and Nitrogen, 72 (1), 19.
- Torres-Rivera, C. N.**
 1988, Bacteria associated with the West Indian fruit fly *Anastrepha obliqua* (Macquart) (Diptera: Tephritidae), 72 (3), 489 (RN).
- Unander, D. W.**
 *1988, Pepper cultivars on the northwestern coast of Puerto Rico, 72 (3), 395.
- Unander, D. W.**
 *1989, Yield stability of dry bean genotypes in Honduras, 73 (4), 339.
- Varela-Ramírez, F.**
 1988, Pepper cultivars on the northwestern coast of Puerto Rico, 72 (3), 395.
 *Senior author.
 †Sole author.
 RN Research note.
- Vázquez, F.**
 1989, Tropical yam (*Dioscorea* spp.) performance in western Puerto Rico, 73 (2), 133.
- Vega-Mercado, H.**
 *1989, Characterization of the maturation process of pineapple by changes in fruit texture, 73 (3), 265.
- Velázquez, Y. A.**
 1988, *Rhizobium* inoculation of *Phaseolus vulgaris* in Lajas, Puerto Rico, 72 (3), 427.
- Vélez-Colón, R.**
 *1988, Evaluación de variedades de uva de mesa (*Vitis vinifera* L.) cosechadas en la Subestación de Fortuna en 1986, 72 (2), 335 (RN).
 *1989, Growth, maturity and flowering of pigeon peas, *Cajanus cajan* L. Millsp., at high latitudes, 73 (3), 223.
 *1989, Sapodilla (*Manilkara sapota* L. V. Rogen, *Achras sapota* Linn.) variety trials in southern Puerto Rico, 73 (3), 255.
- Vélez-Santiago, J.**
 1986, Rearing dairy heifers on pastures fertilized at moderate levels with or without supplemental concentrates at different stages, 70 (2), 143.
 1988, Response of tropical grasses to potassium fertilization in the humid coastal region of Puerto Rico, 72 (1), 81.
 1988, Production of grazed tropical grasses at Toa Baja in the humid northern coastal plains of Puerto Rico, 72 (1), 91.
 1988, Production of grazed tropical grasses in different agroecosystems in Puerto Rico. I. Humid Mountain, 72 (1), 99.
 1988, Production of grazed tropical grasses in different agroecosystems in Puerto Rico. II. Humid northern coastal plains, 72 (2), 201.
 1988, Production of grazed tropical grasses in different agroecosystems in Puerto Rico, III. Semiarid, 72 (2), 211.
 1988, Forage production of nine alfalfa cultivars in the semiarid region of Puerto Rico, 72 (2), 221.

Vera de Saldaña, D.

- 1988, Response of tropical grasses to potassium fertilization in the humid coastal region of Puerto Rico, 72 (1), 81.
- 1988, Production of grazed tropical grasses at Toa Baja in the humid northern coastal plains of Puerto Rico, 72 (1), 91.
- 1988, Production of grazed tropical grasses in different agroecosystems in Puerto Rico. I. Humid mountain, 72 (1), 99.
- 1988, Production of grazed tropical grasses in different agroecosystems in Puerto Rico. II. Humid northern coastal plains, 72 (2), 201.
- 1988, Forage production of nine alfalfa cultivars in the semiarid region of Puerto Rico, 72 (2), 221.

Verdegem, M. C. J.

- *1986, Depredation of tilapia fry by dragonfly nymphs and a means for control, 70 (3), 213.

Vicente, N.

- 1989, Performance of *Arthrobotrys* spp. alone and in combination with *Paecilomyces lilacinus*, as biocontrollers of *Meloidogyne incognita* in tomato, 73 (3), 281 (RN).

Vicente, N. E.

- *1986, Reaction of *Leucaena leucocephala* to populations of *Meloidogyne incognita* and *M. javanica* from Puerto Rico, 70 (2), 157 (RN).
- *1987, Influence of temperature and soil type on the histopathology of *Meloidogyne incognita* in snap beans, 71 (1), 97.

- *1989, Nematicides and *Paecilomyces lilacinus* in nematode control in watermelon, 73 (1), 75 (RN).

- *1989, Sustratos de arroz (*Oriza sativa* L.) y el crecimiento del hongo biocon-

*Senior author.

RN Research note.

- trolador de nematodos *Paecilomyces lilacinus*, 73 (1), 79 (RN).

- 1989, Variedades de tomate (*Lycopersicon esculentum* Mill.) y susceptibilidad al nematodo *Meloidogyne incognita*, 73 (1), 83 (RN).

- *1989, Suitability of pumpkin genotypes to *Meloidogyne incognita*, 73 (2), 167 (RN).

Vicente-Chandler, J.

- 1986, Effect of straw disposal method and of nitrogen rates on rice yields and recovery of fertilizer nitrogen, 70 (2), 91.

Virkki, N.

- *1987, Brief notes on the cytology of neotropical coleoptera. 4. *Chalcopeltidius silbermanni* Chevrolet (Elateridae: Pyrophorini), 71 (3), 323 (RN).

- 1987, Genic and color polymorphism in Puerto Rican Phylobiine weevils *Dia-prepes abbreviatus* (L.) and *Compsus maricau* Wolcott, 71 (4), 391.

- *1987, Brief notes on the cytology of neotropical coleoptera. 5. Storage and activation of large sperm cells in male alticinae, 71 (4), 415 (RN).

- *1989, *Howardula* sp., a nematode new for Puerto Rico parasitizing a parthenogenetic sweet potato associated with flea beetle, *Chaetocnema perplexa* Blake, 73 (2), 171 (RN).

Wahab, A. H.

- *1987, Soil erosion in southeastern Haiti, 71 (2), 239 (RN).

Wessel-Beaver, L.

- 1986, Bean rust control under field conditions with systemic and contact fungicides, 70 (1), 45.

- *1988, Agronomic performance of hard endosperm opaque-2 corn populations in Puerto Rico, 72 (2), 309.

- 1989, Mycoflora and germination of maize seed, 73 (2), 115.