

JERRY J. BARON

IR-4 Project Headquarters
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PROFESSIONAL EXPERIENCE

Cook College, Rutgers University

Associate Director and Research Professor, IR-4 Project (2002- current)

- Manage the development of a yearly research plan for food crops, ornamental crops and biopesticide program to achieve timely specialty crop pest management registrations.
- Oversee all aspects of the IR-4's international ornamental and non-food crop research objective
- Serve as Principal Investigator for IR-4 Ornamental Research Center at Rutgers Cream Ridge Research Farm
- Direct IR-4 Project's information technology and outreach activities
- Administer the fiscal affairs of the IR-4 Project Headquarters office
- Supervise IR-4 Project Headquarters administration staff
- Plan and implement conferences, workshops and meetings that supports the IR-4 mission

Associate to the Cook College Executive Dean (2001 - 2002)

- Coordination and management of college space; oversight of significant campus building renovation projects; liaison with the Cook Building and Grounds Committee, and campus and university wide facilities offices.
- Supporting or initiating strategic, fiscal and personnel planning activities; preparation of an annual accountability report; development of faculty recruitment plans; and monitoring of faculty start-up resources.
- Coordinate the selection and delivery of Cook Colleges Equipment Leasing Fund grants.
- Represent the Executive Dean in various College, University and external meetings and functions

Assistant Director and Research Professor, IR-4 Project (1998-2002)

- Manage the research/regulatory program for a USDA sponsored organization that develops residue chemistry data to facilitate the regulatory clearance of crop protection chemicals in vegetable, small fruit, and other specialty crops. Achieve the above by:
 - Coordination of the prioritization of candidate research projects
 - Direction of the production of field and laboratory research protocols
 - Oversight of the development of data from numerous research facilities
- Deliver numerous instructional programs at conferences, symposia and workshops regarding IR-4 and minor use pesticide policies.
- Participate in industry and government committees and workgroups to shape domestic and international regulatory policy.
- Interact with industry to obtain grant-in-aid that supplement government funding.

National Coordinator and Associate Research Professor, IR-4 Project (1991-1997)

- Manage the research/regulatory program for a USDA sponsored organization that develops residue chemistry data to facilitate the regulatory clearance of crop protection chemicals in vegetable, small fruit, and other specialty crops. Achieve the above by:
 - Coordination of the prioritization of candidate research projects
 - Direction of the production of field and laboratory research protocols
 - Oversight of the development of data from numerous research facilities
- Deliver instructional programs at symposia and workshops regarding minor use pesticide policies
- Participate in industry and government committees and workgroups to shape domestic and international regulatory policy
- Interact with industry to obtain grant-in-aid that supplement government funding.

Coordinator and Assistant Research Professor, IR-4 Project (1986-1990)

- Developed pesticide tolerance petitions to support establishment of pesticide tolerances on minor crops.
- Served as primary weed science research director and interact with commodity producers, agricultural chemical manufacturers and regulatory agency personnel in all herbicide related issues.
- Conducted field research that evaluates efficacy and phytotoxicity of herbicides on various vegetable and small fruit crops and provide treated crop samples for laboratory residue chemistry analysis when appropriate.
- Managed the development of IR-4 compliance strategy with EPA mandated Good Laboratory Practices

North Carolina State University

- Graduate Research Assistant, Department of Horticultural Science 1983 - 1985

The Ohio State University

- Graduate Research Associate, Department of Horticulture. (1981-1982)
- Student Research Assistant, Department of Entomology. (1979-1981)

EDUCATION

Doctor of Philosophy, North Carolina State University, Raleigh, December 1985

Major/Program: Horticultural Science with emphasis on weed management science in fruits and vegetables

Dissertation Topic: The Mechanism of Hexazinone Tolerance in Highbush and Rabbiteye Blueberry.

Master of Science, The Ohio State University, Columbus December 1982

Major/Program: Horticulture with emphasis on physiology of vegetable crops

Thesis: Polyethylene Mulches: Their Influence on Soil Atmospheric CO₂ Concentration and Subsequent Assimilation by Eggplant Roots.

B.S. in Agriculture. The Ohio State University, Columbus, June 1981

Major: Plant Pathology with Plant Protection Option.

PROFESSIONAL ASSOCIATIONS AND HONORS

Graduate, New Jersey Agriculture Leadership Development Program – 2003

Outstanding Research Award, Northeastern Weed Science Society, 2002

United States Environmental Protection Agency Team Award - 2001

Cook College/NJAES Team Award- 2001

IR-4 Meritorious Service Award -2000

IR-4 Award of Excellence - 1993

Sigma Xi - The Scientific Research Society

Gamma Sigma Delta - National Agriculture Honor Society

Weed Science Society of America

Northeast Weed Science Society

NATIONAL/INTERNATIONAL COMMITTEES

Member, Cook College Executive Dean Search Committee, 2003-2004

Government Delegate, North America Free Trade Agreement's Pesticide Working Group

Chair, Legislative Committee, Northeastern Weed Science Society

Member, Executive Board, Northeastern Weed Science Society

Member, Legislative and Regulatory Committee, Weed Science Society of America

Member, Herbicides for Minor Use Committee, Weed Science Society of America

GRANT-IN-AID SUMMARY

2003-\$182,000	2002- \$238,000	2001-\$126,000	2000-\$267,899	1999-\$233,293
1998-\$634,996	1997-\$445,000	1996-\$210,680	1995-\$110,000	1994-\$267,000
1993-\$107,450				

Grants provided by BASF Corp (including American Cyanamid), Bayer Crop Science, Cornell University, Dow AgroSciences (including Rohm and Haas Co.), Dupont Agricultural Products, FMC Corp., Gowan Company, Midwest Vegetable Processor Association, Mint Industry Research Council, Syngenta Crop Protection (including Zeneca, Sandoz, Novartis and Merck units), The Cranberry Institute, United Agricultural Products, US Canola Association (InterMountain Canola), and Valent U.S.A. Corp.

PUBLICATIONS

BOOKS/CHAPTERS IN BOOKS

1. Markle, G.M., J.J. Baron and R.E. Holm. 2003. "Minor Use Pesticide Registrations" in *Encyclopedia of Agrochemicals*. J.R. Plimmer, D.W. Gammon, N.N. Ragsdale and T. Roberts (ed). John Wiley and Sons, NY, NY
2. Holm, R. E, and J.J. Baron. 2002. "Evolution of the Crop Protection Industry" in *Pesticides in Agriculture and the Environment*. W.B. Wheeler (ed). Chapter 10, pg 209-240. Marcel Dekker Inc., NY, NY
3. Markle, G.M., J.J. Baron and B. A. Schneider. 1998. *Food and Feed Crops of the United States, Second Edition*. Meister Publishing Company, Willoughby, OH.
4. Baron, J.J., W. John, L. Castro, L. Henry, R. McAllister and M. Ganyard. 1994. *NACA Standardized Field Data Book*. American Crop Protection Association, Washington DC
5. Baron, J.J. 1993. *IR-4 Field Data Book*. IR-4 Project, New Brunswick, NJ
6. Baron, J.J., G.M. Markle, and R.T. Guest. 1989. *IR-4 Field Research Manual*. IR-4 Project, New Brunswick, NJ
7. Monaco, T.J., A.R. Bonanno, and J.J. Baron. 1986. "Herbicide Injury: Diagnosis, Causes, Prevention and Remedial Action" in *Research Methods in Weed Science, third edition*, N. D. Camper (ed), pg 399-428. Southern Weed Science of America, Champaign, IL

PEER REVIEWED JOURNALS AND OTHER SCHOLARY PUBLICATIONS

The primary responsibility of IR-4 employees is to facilitate regulatory clearance of pest control tools for minor crops. The Cook College/New Jersey Agriculture Experiment Station administration recognizes US Environmental Protect Agency approval of IR-4 authored data packages as a scholarly publication equivalent to a peer reviewed journal articles. These approvals are public record and are published in the Federal Register

1. Baron, J. J., D.L. Kunkel, R.E. Holm, C. Hunter, S. Archambault, and W. Boddis 2003. Cooperative facilitation of registrations of crop protection chemicals in fruits, vegetables and other specialty crops in the United States and Canada. *British Crop Protection Conference Journal*
2. Baron, J.J., J.R. Frank, and R.E. Holm. 2002. The Role of the IR-4 Project in the Registration of Plant Growth Regulators for Horticulture Crops. *HortTechnology* 12:59-63
3. K.S. Samoil, G.M. Markle, and J.J. Baron. 1998. Pesticide Tolerances for Cypermethrin on Green Onion. *Federal Register*, Volume 63, pg 48579-48586
4. G.M. Markle, K.D. Dorschner, and J.J. Baron. 1998. Pesticide Tolerances for Esfenvalerate on Mustard Greens, Kiwifruit, Globe Artichoke, and Kohlrabi. *Federal Register*, Volume 63, pg48607-48615
5. E.L. Lurvey, J.J. Baron and G.M. Markle. 1998. Pesticide Tolerances for Quizalofop on Mint. *Federal Register*, Volume 63, pg 32753
6. D.L. Kunkel, J.J. Baron and G.M. Markle. 1998. Reregistration tolerance approval for Ethephon on Blueberry. US EPA Opinion Letter dated Aug. 17, 1998
7. D.L. Kunkel, J.J. Baron and G.M. Markle. 1998. Notice of filing for Sethoxydim on Leafy Vegetables and Cilantro. *Federal Register*, Volume 63, pg 41828-41835
8. W.L. Biehn and J.J. Baron. 1996. Pesticide Tolerances for Fosetyl-Al on Blueberry. *Federal Register*, Volume 61, No.119, pg 31039-31040
9. D.L. Kunkel and J.J. Baron. 1996. Pesticide Tolerances for Quizalofop on Pineapple. *Federal Register*, Volume 61, No.119, pg 31041-31042

10. W.L. Biehn and J.J. Baron. 1996. Pesticide Tolerances for Diflufenican on Artichoke. *Federal Register*, Volume 61, No.116, pg 30170-30171
11. J.J. Baron, D.L. Kunkel and G.M. Markle. 1996. Pesticide Tolerances for Acifluorfen on Strawberry. *Federal Register*, Volume 61, No.116, pg 30163-30165
12. D.L. Kunkel and J.J. Baron. 1996. Pesticide Tolerances for Clomazone on Snap Beans. *Federal Register*, Volume 61, No.90, pg 20743-20745
13. D.L. Kunkel and J.J. Baron. 1996. Pesticide Tolerances for Lactofen on Snap Beans. *Federal Register*, Volume 61, No.90, pg 20742-20743
14. D.L. Kunkel and J.J. Baron. 1996. Pesticide Tolerances for Pronamide on Stone Fruits and Non-grass animal feeds. *Federal Register*, Volume 61, No.50, pg10282-10284
15. W.L. Biehn, D.C. Thompson and J.J. Baron. 1996. Pesticide Tolerances for Chlorothalonil on Blueberry, Filbert and Mushroom. *Federal Register*, Volume 61, No.50, pg10280-10282
16. K. W. Dorschner and J.J. Baron. 1996. Pesticide Tolerances for Imidacloprid on Cucurbit Vegetables. *Federal Register*, Volume 61, No.31, pg. 5711-5712
17. D.C. Thompson and J.J. Baron. 1996. Pesticide Tolerances for Propiconazole on Mushroom and Mint. *Federal Register*, Volume 61, No. 21, pg. 3326-3328
18. D.L. Kunkel and J.J. Baron. 1995. Pesticide Tolerances for Clopyralid on Asparagus. *Federal Register*, Volume 60, No.239, pg 63956-63958
19. D.L. Kunkel and J.J. Baron. 1995. Pesticide Tolerances for Oxyfluorfen on Blackberry and Raspberry. *Federal Register*, Volume 60, No.234, pg 62330-62332
20. E.L Lurvey and J.J. Baron. 1995. Pesticide Tolerances for Linuron on Asparagus. *Federal Register*, Volume 60, No.239, pg 63949-63950
21. D.L. Kunkel and J.J. Baron. 1995. Pesticide Tolerances for Clomazone on Cabbage, Cucumber and Summer Squash. *Federal Register*, Volume 60, No.206, pg 54604-54605
22. D.L. Kunkel and J.J. Baron. 1995. Pesticide Tolerances for Glyphosate on Peppermint and Spearmint. *Federal Register*, Volume 60, No.168, pg 45062-45064
23. K.S. Samoil and J.J. Baron 1995. Pesticide Tolerances for Dimethoate on Asparagus. *Federal Register* Volume 60, No.168, pg 45064-45065
24. D.L. Kunkel and J.J. Baron. 1995. Pesticide Tolerances for Imazethapyr on Head and Leaf Lettuce, Endive, Escarole, and Romaine. *Federal Register*, Volume 60, No.114, pg 31253-31255
25. K. W. Dorschner and J.J. Baron. 1995. Pesticide Tolerances for Imidacloprid on Hops. *Federal Register*, Volume 60, No.168, pg 45065-45067
26. W.L. Biehn and J.J. Baron. 1995. Pesticide Tolerances for Paraquat on Lentil. *Federal Register*, Volume 60, No.100, pg 27421-27423
27. D.L. Kunkel and J.J. Baron. 1995. Pesticide Tolerances for Sethoxydim on Asparagus, Carrot, Endive, Cranberry, Peppermint and Spearmint. *Federal Register*, Volume 60, No.100, pg 27417-27419
28. D.L. Kunkel and J.J. Baron. 1995. Pesticide Tolerances for Metolachlor on Celery and Dry Bulb Onion. *Federal Register*, Volume 60, No.85, pg 21733-21734
29. E.L. Lurvey and J.J. Baron. 1995. Pesticide Tolerances for Prometryn on Parsley. *Federal Register*, Volume 60, No.80, pg 20433-20434

30. W.L. Biehn and J.J. Baron. 1995. Exemption from the requirements of a pesticide tolerances for Methyl Anthranilate on Blueberry, Cherry and Grape. *Federal Register*, Volume 60, No.80, pg 20432-20431
31. D.L. Kunkel and J.J. Baron. 1995. Pesticide Tolerances for Pronamide on Radicchio. *Federal Register*, Volume 60, No.16, pg 4862-4863
32. W.L. Biehn and J.J. Baron. 1994. Pesticide Tolerances for Cyromazine on Chinese Cabbage and Chinese Mustard. *Federal Register*, Volume 59, No.100, pg 26951-26952
33. W.L. Biehn and J.J. Baron. 1994. Pesticide Tolerances for Bifenthrin on Hop. *Federal Register*, Volume 59, No.100, pg 26945-26946
34. D.L. Kunkel and J.J. Baron. 1994. Pesticide Tolerances for Metsulfuron on Sugarcane. *Federal Register*, Volume 59, No.54, pg 13890-13891
35. W. L. Biehn and J.J. Baron. 1994. Pesticide Tolerances for Chlorpyrifos on Sugarcane. *Federal Register*, Volume 59, No.43, pg 10287-10288
36. R.R. Bellinder, L.K. Binning, K.S. Yourstone, A.R. Bonanno, S.F. Gorski, B.A. Majek, P.E. Neary, J.J. Baron, J.A. Holmdal and R. W. Wallace. 1993. Oxyfluorfen under clear plastic controlled weeds in transplanted cabbage. *Weed Technology* 7:585-593
37. Baron, J.J. and G.M. Markle. 1993. Pesticide Tolerances for Glyphosate on Celeriac. *Federal Register*, Volume 58, No.225, pg 62036-62037
38. Baron, J.J. and G.M. Markle. 1993. Pesticide Tolerances for Clopyralid on Mint. *Federal Register*, Volume 58, No.202, pg 54296-54297
39. Baron, J.J. and G.M. Markle. 1993. Pesticide Tolerances for Hexakis on Marigold. *Federal Register*, Volume 58, No.177, pg 48320-48322
40. Baron, J.J. and G.M. Markle. 1993. Pesticide Tolerances for Napropamide on Sweet Potato. *Federal Register*,
41. Volume 58, No.124, pg 34913-34914
42. Kunkel, D.K. and J.J. Baron 1993. Pesticide Tolerances for Pendimethalin on Onion and Garlic. *Federal Register*, Volume 58, No.117, pg 33772
43. Baron, J.J. and G.M. Markle. 1993. Pesticide Tolerances for Paraquat onCacao Bean. *Federal Register*, Volume 58, No.116, pg 33554-33555
44. Baron, J.J. and G.M. Markle. 1993. Pesticide Tolerances for Clomazone on Winter Squash. *Federal Register*, Volume 58, No.55, pg 15803-15804
45. Baron, J.J. and G.M. Markle. 1992. Pesticide Tolerances for Clomazone on Sweet Potato. *Federal Register*, Volume 57, No.242, pg 59823-59824
46. Baron, J.J. and G.M. Markle. 1992. Pesticide Tolerances for Oryxalin on Guava and Papaya. *Federal Register*, Volume 57, No.242, pg 59822-59823
47. Baron, J.J. and G.M. Markle. 1992. Pesticide Tolerances for Oxyfluorfen on Cacao Bean and Garbanzo Bean. *Federal Register*, Volume 57, No. 151, pg 34517-34518
48. Baron, J.J. and G.M. Markle. 1992. Pesticide Tolerances for Glyphosate on Pomegranate. *Federal Register*, Volume 57, No.103, pg 22436-22437
49. Baron, J.J. and G.M. Markle. 1991. Pesticide Tolerances for Norflurazon on Asparagus and Avocado. *Federal Register*, Volume 56, No. 233, pg 63466-63467

50. Baron, J.J. and G.M. Markle. 1991. Pesticide Tolerances for Glyphosate on Cherimoya, Cocoa, and Genip. *Federal Register*, Volume 56, No. 113, pg 26914-26915
51. Baron, J.J. and G.M. Markle. 1991. Pesticide Tolerances for Clomazone on Pepper. *Federal Register*, Volume 56, No. 89, pg 21309-21310
52. Baron, J.J. and G.M. Markle. 1991. Pesticide Tolerances for Sethoxydim on Sweet Potato. *Federal Register*, Volume 56, No. 11, pg 1575
53. Baron, J.J. and G.M. Markle. 1990. Pesticide Tolerances for 2,4-D on Raspberry. *Federal Register*, Volume 55, No.188, pg 39407-39408
54. Baron, J.J. and G.M. Markle. 1990. Pesticide Tolerances for Linuron on Parsley. *Federal Register*, Volume 55, No.187, pg 39273-39274
55. Baron, J.J. and G.M. Markle. 1990. Pesticide Tolerances for Oxyfluorfen on Papaya, Taro, Persimmon, Horseradish, and Feijoa. *Federal Register*, Volume 55, No.148, pg 31184-31185
56. Baron, J.J. and G.M. Markle. 1990. Pesticide Tolerances for Chlorpyrifos on Cherimoya, Feijoa, and Sapote. *Federal Register*, Volume 55, No.90, pg 24081
57. Baron, J.J. and G.M. Markle. 1990. Pesticide Tolerances for Sethoxydim on Rhubarb. *Federal Register*, Volume 55, No.80, pg 17437-17438
58. Baron, J.J. and G.M. Markle. 1990. Pesticide Tolerances for Glyphosate on Breadfruit, Canistel, Date, Jabotica, Jackfruit, Persimmon, White Sapote, Black Sapote, Soursop, and Tamarind. *Federal Register*, Volume 55, No.55, pg 10459-10460
59. Baron, J.J. and G.M. Markle. 1990. Pesticide Tolerances for Fluazifop on Endive. *Federal Register*, Volume 55, No.50, pg 9444
60. Baron, J.J. and G.M. Markle. 1990. Pesticide Tolerances for Paraquat on Taro. *Federal Register*, Volume 55, No.36, pg 6255-6256
61. Baron, J.J. and G.M. Markle. 1990. Pesticide Tolerances for Metolachlor on Bell Pepper. *Federal Register*, Volume 55, No.26, pg 4174
62. Baron, J.J. and G.M. Markle. 1990. Pesticide Tolerances for Fluazifop on Macadamia Nut. *Federal Register*, Volume 55, No.11, pg 1585-1586
63. Baron, J.J. and G.M. Markle. 1989. Pesticide Tolerances for Metolachlor on Cubanelle Pepper. *Federal Register*, Volume 54, No.248, pg 53320-53221
64. Baron, J.J. and G.M. Markle. 1989. Pesticide Tolerances for Glyphosate on Brassica Leafy Vegetables, Logan, Lychee, Mamey Sapote, Passion Fruit, and Sapodilli. *Federal Register*, Volume 54, No.171, pg 37010-37011
65. Baron, J.J. and G.M. Markle. 1989. Pesticide Tolerances for Glyphosate on Beets, Bulb Vegetables, Carrot, Chicory, Horseradish, Jerusalem Artichoke, Parsnip, Potato, Radish, Rutabaga, Salsify, Sugar Beet, Sweet Potato, Turnip, and Yam. *Federal Register*, Volume 54, No.59, pg 12911-12912
66. Baron, J.J. and G.M. Markle. 1989. Pesticide Tolerances for Fluazifop on Coffee. *Federal Register*, Volume 54, No.39, pg 8540-8541
67. Baron, J.J. and G.M. Markle. 1989. Pesticide Tolerances for Prometryn on Dill. *Federal Register*, Volume 54, No.30, pg 6918

68. Baron, J.J. and G.M.Markle. 1989. Pesticide Tolerances for Metolachlor on Cabbage. *Federal Register*, Volume 54, No.30, pg 6917-6918
69. Baron, J.J. and G.M.Markle. 1989. Pesticide Tolerances for Glyphosate on Asparagus. *Federal Register*, Volume 54, No.30, pg 6916-6917
70. Baron, J.J. and G.M.Markle. 1988. Pesticide Tolerances for Diazinon on Chinese Radish. *Federal Register*, Volume 53, No.230, pg 48259-48260
71. Baron, J.J. and G.M.Markle. 1988. Pesticide Tolerances for Sethoxydim on Lentil. *Federal Register*, Volume 53, No.221, pg 46085
72. Baron, J.J. and G.M.Markle. 1988. Pesticide Tolerances for Glyphosate on Atemoya, Carambola, and Sugar Apple. *Federal Register*, Volume 53, No.173, pg 34509-34510
73. Baron, J.J. and G.M.Markle. 1988. Pesticide Tolerances for Clomazone on Succulent Pea. *Federal Register*, Volume 53, No.105, pg 19907
74. Baron, J.J. and G.M.Markle. 1988. Pesticide Tolerances for Fluazifop on Asparagus, Endive, and Spinach. *Federal Register*, Volume 53, No.86, 15824-12825
75. Baron, J.J. and G.M.Markle. 1988. Pesticide Tolerances for Pronamide on Winter Pea. *Federal Register*, Volume 53, No.36, pg 5378
76. Baron, J.J. and G.M.Markle. 1988. Pesticide Tolerances for Sethoxydim on Artichoke. *Federal Register*, Volume 53, No.36, pg 5377
77. Baron, J.J. and G.M.Markle. 1988. Pesticide Tolerances for Fluazifop on Rhubarb. *Federal Register*, Volume 53, No.36, pg 5376
78. Baron, J.J. and G.M.Markle. 1988. Pesticide Tolerances for Clomazone on Pumpkin. *Federal Register*, Volume 53, No.22, pg 3022
79. Baron, J.J. and G.M.Markle. 1988. Pesticide Tolerances for Pendimethalin on Garlic. *Federal Register*, Volume 53, No.22, pg 3023-3024
80. Baron, J.J. and G.M.Markle. 1987. Pesticide Tolerances for Fluazifop on Sweet Potato. *Federal Register*, Volume 52, No.246, pg 48583
81. Baron, J.J. and G.M.Markle. 1987. Pesticide Tolerances for Benomyl on Pistachio. *Federal Register*, Volume 52, No.246, pg 48537-48538
82. Baron, J.J. and G.M.Markle. 1987. Pesticide Tolerances for Oxyfluorfen on Broccoli, Cabbage, and Cauliflower. *Federal Register*, Volume 52, No.174, pg 33935-33936
83. Baron, J.J. and G.M.Markle. 1987. Pesticide Tolerances for Sethoxydim on Flax seed and straw. *Federal Register*, Volume 52, No.140, pg 27550
84. Baron, J.J. and G.M.Markle. 1987. Pesticide Tolerances for Chlopyrifos on Date and Leek. *Federal Register*, Volume 52, No.140, pg 27548-27549
85. Baron, J.J. and G.M.Markle. 1987. Pesticide Tolerances for Metolachlor on Tobasco pepper. *Federal register*, Volume 52, No.111, pg 21953-21954
86. Baron, J.J. and G.M.Markle. 1987. Pesticide Tolerances for Oxyfluorfen on Guava. *Federal Register*, Volume 52, No.13, pg 2225-2226
87. Baron, J.J. and G.M.Markle. 1987. Pesticide Tolerances for Fluazifop on Tobasco pepper. *Federal Register*, Volume 52, No.13, pg 2225-2226

88. Baron, J.J., and T.J. Monaco. 1986. Uptake, translocation and metabolism of hexazinone in Blueberry (*Vaccinium spp.*) and Hallow Goldenrod (*Solidago fistulosa*). *Weed Science* 34: 824-829.
89. Baron, J.J. and S.F. Gorski. 1986. Response of Eggplant to a root environment enriched with CO₂. *HortScience* 21:(3) 495-498
90. Baron, J.J., T.J. Monaco, and C.M. Mainland. 1985. Tolerance of Highbush and Rabbiteye Blueberry Cultivars to Hexazinone. *Hortscience* 20:(6) 1074-1075

NON-REFERRED PUBLICATIONS

1. F. P. Salzman, M. Arsenovic, M. P. Braverman, D. L. Kunkel, and J. J. Baron. 2003. IR-4 Project: Update on Weed Control Projects. *WSSA Abstracts* Volume 43
2. Holm, R.E., G.M. Markle, J.J. Baron and D.L. Kunkel. 2003. IR-4 2002 Annual Report. IR-4 Project Publications
3. Baron, J.J. 2002 The role of reduced risk crop protection chemicals in the Success of IPM in the United States. Proceedings of an invited presentation at the International Integrated Pest Management Conference, March 2002
4. M.P. Braverman, W.L. Biehn, R.E. Holm, J.J. Baron, and G.M. Markle. 2002. Review of the IR-4 Biopesticide Program. *WSSA Abstracts* Volume 42:
5. F. P. Salzman, M. Arsenovic, M. P. Braverman, D. L. Kunkel, and J. J. Baron. 2002. IR-4 Project: Update on Weed Control Projects. *WSSA Abstracts* Volume 42
6. Holm, R.E., G.M. Markle, J.J. Baron and D.L. Kunkel. 2002. IR-4 2001 Annual Report. IR-4 Project Publications
7. Arsenovic, M., D.K. Kunkel, and J.J. Baron. 2001. The IR-4 Project - A US National Agriculture Program of Pest Management Solutions in the United States. *Proceedings of the Expert Committee of Weeds*
8. Holm, R.E., G.M. Markle, J.J. Baron and D.L. Kunkel. 2001. IR-4 2000 Annual Report. IR-4 Project Publications.
9. Thompson, D.C., J.J. Baron and D.L. Kunkel. 2000. The IR-4 Project - A Minor Use Program for Pest Management Solutions in the United States. *British Crop Protection Conference Proceedings, Brighton, UK* p 253-260.
10. Holm, R.E. and J. J. Baron. 2000. Managing Pest in the 21st Century. *American Fruit Grower*. November, p 25-27
11. Holm, R.E. and J. J. Baron. 2000. Pest Control in the New Century. *American Vegetable Grower*. December p 25-27
12. Frank, J.R., J.J. Baron and W.L. Biehn. 2000. The IR-4 Program for Registering Plant Growth Regulators for Specialty Crops. *PGRSA Quarterly* Volume 28, no. 2, p. 41
13. Braverman, M.P. D.K. Kunkel, J.J. Baron, F.P. Salzmann and M Arsenovic. 2000. Herbicide Registration Update for Minor Crop. *Proceedings of Southern Weed Science Society*. Volume 53, p. 207
14. Arsenovic, M., D.K. Kunkel, J.J. Baron, and M.P. Braverman. 2000. IR-4 Minor Crop Pesticide Registration Update. *Proceedings of Northeastern Weed Science Society*. Volume 54. p 130.
15. Holm, R.E., G.M. Markle, J.J. Baron and D.L. Kunkel. 2000. IR-4 1999 Annual Report. IR-4 Project Publications.

16. Baron, J.J., and R. Skinner. 1999. IR-4 Project World Wide Web Page. [Http://www.cook.rutgers.edu/~ir4](http://www.cook.rutgers.edu/~ir4).
17. Holm, R.E., G.M. Markle, J.J. Baron and D.L. Kunkel. 1999. IR-4 1998 Annual Report. IR-4 Project Publications.
18. Baron, J.J. and D.L. Kunkel. 1998. The impact of the Food Quality Protection Act of 1996 on Food Tolerances in Minor Crops. *WSSA Abstracts* Volume 38:6.8
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OTHER PUBLICATIONS AND WEBSITES

1. I author a twice yearly research paper called *New Pest Control Products/Transition Solutions List* This publication contains a description of numerous new pest control products which offer great promise to fill the pest management voids for growers
2. From January 1997 to January 2002 I authored three articles a year called "*NEWSS Legislative Committee Report*", which appeared in the every Northeastern Weed Science Society newsletter.
3. Along with Brian Steinwand of US EPA we developed the proceedings of a workshop titled "*Registering Biopesticides in the United States and Canada*". *These proceedings are posted at the IR-4 Project Website www.ir4.rutgers.edu*
4. I participated and supervised in the redesign of the IR-4 Project Website (www.ir4.rutgers.edu) in 2003.

INVITED INTERNATIONAL PRESENTATIONS

1. Japan Crop Protection Association, Minor Crop Problems March 24-26, 2004, in Kobe Japan.
2. Horticultural Research International, The Future of Biopesticides, November 18, 2003 in Wellsbourne, UK
3. International Integrated Pest Management Symposium, The role of reduced risk crop protection chemicals in the Success of IPM in the United States, March 4, 2002 in Toronto, Canada
4. Government of Mexico, The Minor Use Program in the United States. September 4 in Oaxaca, Mexico.