

PHILIP A. BANKS, Ph.D., CPWS (Certified Professional Weed Scientist) and CPAg (Certified Professional Agronomist), President-MARATHON-Agricultural and Environmental Consulting, Inc., 205 West Boutz, Bldg. 4, Suite 5, Las Cruces, NM 88005. (575)527-8853.

Date of birth: Jan. 12, 1952 Place of birth: Sentinel, OK (USA)

ACADEMIC RECORD:

Degrees: (Dates and Institutions)

B.S.	Agronomy	1974 Oklahoma State University
M.S.	Agronomy (Weed Science)	1976 Oklahoma State University
Ph.D.	Agronomy (Weed Science)	1978 Texas A&M University

EMPLOYMENT: Beginning with the oldest position:

<u>Position</u>	<u>Employer</u>	<u>Dates</u>
Summer field investigator	Elanco Products Div. of Eli Lilly	June-Aug. 1973
Graduate Research Assistant	(Weed Science) Agronomy Oklahoma State Univ.	1974-1976
Graduate Teaching Assistant	Soil & Crop Sci. Dept. Texas A&M Univ.	Aug.-Dec. 1976
Instructor (half-time)	Soil & Crop Dept. Texas A&M Univ.	1977-1978
Assistant Professor	Agronomy Dept. Univ. of Georgia	1979 - June 1984
Associate Professor	Agronomy Dept. Univ. of Georgia	July 1984 - June 1989
Professor	Agronomy Dept. Univ. of Georgia	July 1989 - April 1990
Field Research Director	IR-4 Research Center Ext. Plant Sci. Dept New Mexico State Univ.	Aug. 2000 – Jan. 2003
Adjunct Professor of Weed Science	Entomology, Plant Path. and Weed Science Dept. New Mexico State Univ.	Sept. 1998 - present
President	MARATHON-Agric.& Env. Consulting, Inc.	April 1990 - present

PROFESSIONAL AND PROFESSIONAL SOCIETY ACTIVITIES:

A. Professional meetings attended, papers given at meetings, and lectures given to professional groups.

Western Society for Weed Science (see abstracts for titles) - 1993 – 2007

Southern Weed Science Society Meetings-1975 thru 2006. Papers were presented at many of these meetings (See abstracts and papers for titles).

Weed Science Society of America - 1978, 1979, and 1981 thru 2008- Papers were presented at many of these meetings (See abstracts for titles).

American Society of Agronomy Meetings 1973, 1977, 1981, 1990-1995. Presented speech in 1973 in undergraduate speech contest - 4th place.

National Research Conference on Pesticides. 1990. Richmond, VA. Sponsored by the Virginia Water Resources Center and VPI & SU.

Georgia Weed Science Society - 1979 thru 1981 and 1983 - 1990. Invited speaker each year.

Southeast, No-till Systems Conference - 1983. Invited speaker: No-till Weed Problems in the Lower South.

Exchange Scientist from UGA to the Federal Rural Univ. of Pernambuco, Recife, Brazil - May 1987. Presented lectures and consulted with graduate students and faculty.

National Water Well Association Training Workshop on "Agricultural Chemicals and Groundwater: An Examination of Important Issues". GLP & QA requirements for field research were presented by Quality Associates, Inc. October, 1989. Baltimore, Maryland.

Ciba Crop Protection: GLPS for the Field and QA for Field Residue Trials. March 22 & 23, 1996, Reno, NV.

Society of Environmental Toxicology and Chemistry (SETAC), 1993, Houston, TX. (see abstracts for title)

New Mexico Vegetation Management Association, 1993, 1995, 2000 & 2004 Albuquerque, NM.

1993: Invited speaker, "Future Trends in Weed Science".

1995: Invited speaker, "Herbicide Symptoms on Vegetation".

2000: Invited speaker, "Vegetation Management and IPM Principles".

2004: Invited speaker, "Why Treatments Don't Always Work"

National Weed Science Symposium, 1993, Washington, DC. Sponsored by the Weed Science Society of America and USDA\CSRS.

Symposium on Agricultural Non-point Sources of Contaminants: A Focus on Herbicides. 1993, Lawrence, KS. Sponsored by the U.S. Environmental Protection Agency and the U.S. Geological Survey. (see abstracts and papers for title).

Planter's COOP Power Workshop on Herbicides. Invited speaker for one day session presented to growers and industry. October 24, 1995, Odem, TX.

U.S. Forest Service Certification Seminar. Sponsored by the U.S.F.S. and the New Mexico Cooperative Extension Service. April 16-18, 1996. Alamogordo, NM. Invited speaker: Topics covered: "Herbicide Registration Process and Cost" and "Herbicides and the Soil Environment".

Testified before U.S. House of Representatives, Subcommittee on Agric., Rural Dev., Food and Drug Admin., and Related Agencies, Committee on Appropriations, Washington, D.C. April 16, 1996 on behalf of WSSA.

New Mexico's Noxious Weed Summit. Glenco Rural Events Center. Sponsored by the New Mexico Dept. of Agriculture. Served on committee and wrote draft chapter on Research and Technology. June 9 & 10, 2000.

New Mexico Chile Pepper Institute Chile Conference. Las Cruces Hilton. "The IR-4 Research Center at NMSU" Feb. 7, 2001.

New Mexico State University, Cooperative Extension Service, In-Service Training. Pest Management Update

“IR-4 Program”. March 8, 2001.

New Mexico Dept. of Agric., EPA, State, Tribe Pesticide Program Meeting. “Update on the NMSU IR-4 Research Center” Las Cruces Hilton. April 30, 2002.

Society of Quality Assurance. 18th Annual Meeting. Invited presentation: Agricultural Entities: Challenges of a Small Field Research Company. Albuquerque, NM October 16, 2002.

Taught “Diagnosing Plant Disorders” NMSU, EPPWS Department. Fall semester, 2007.

B. Current memberships in professional and honorary societies.

Western Society of Weed Science (WSWS)

International Society of Weed Science

American Society of Agronomy (ASA)

National Alliance of Independent Crop Consultants

American Assoc. for the Advancement of Science (AAAS)

Weed Science Society of America (WSSA)

Southern Weed Science Society (SWSS)

New Mexico Vegetation Management Association

Council for Agricultural Science and Technology (CAST)

C. GLP Training/APHIS Regulation Training:

1. National Water Well Association Training Workshop on Agricultural Chemicals and Groundwater: An Examination of Important Issues. GLP & QA requirements for field research were presented by Quality Associates, Inc. October, 1989. Baltimore, Maryland.
2. Ciba Crop Protection: GLPs for the Field and QA for Field Residue Trials. March 22 & 23, 1996, Reno, NV.
3. GLP Training by Debi Garvin, West Coast Quality Training. Southern Weed Science Society meeting, Birmingham, AL. January 28, 1998.
4. Outdoor Residential Exposure Task Force, Transferable Turf Residue sampling Training. Las Vegas, NV. March 19, 1998.
5. GLPS/QA for the Field with special reference to electronic notebooks. Syngenta Crop Protection, Inc. Salt Lake City, UT. April 4-5, 2001.
6. National Alliance of Independent Crop Consultants. Contract Research Educational/Training (EPA Regulatory Update, WPS Update, APHIS training and update). Albuquerque, NM Jan. 22-26, 2002.
7. Western Region IR-4 GLP and Field Residue Training Workshop. Univ. of California, Davis, CA. March 5 and 6, 2002.
8. USDA/APHIS compliance training for conducting genetically modified crop studies. Trainer: Priscilla Hunter, Monsanto. Conducted at the SWSS meeting in Houston, Jan. 28, 2003.
9. USDA/APHIS compliance training for conducting genetically modified crop studies. Trainer: Priscilla Hunter and

Rich Voth Monsanto. Audio training on conference call. March 31, 2004.

10. USDA/APHIS compliance training for conducting genetically modified crop studies. Trainer: Monsanto BFC training CD. Test submitted to Monsanto April 11, 2005.
11. Field Compliance Training for conducting genetically modified crop studies. Trainer: Priscilla Hunter, Monsanto via telephone. May 11, 2005.
12. USDA/APHIS compliance training for conducting genetically modified crop studies. Trainer : Beau Gibler, Monsanto. NAICC meeting, Tucson, AZ. Jan. 18, 2006.

D. GLP studies conducted for clients:

1. 1991. Pecan Residue Study
2. 1993. Onion (1) Residue Study and pecan (1) residue and decline trial.
3. 1994. Field Residue Trials in Pecans (2).
4. 1995. Residue Trial on Peppers (2) and Pecans (1).
5. 1996. Studies were conducted on pecan (1), chile peppers (3), cotton (3), and spinach (2).
6. 1997. Studies were conducted on cotton (2), wheat (2), chile peppers (6), lettuce (1) and peanuts (6).
7. 1998. Studies were conducted on cotton (2), wheat (1), chile peppers (2), lettuce (1), and pecans (3).
8. 1999. Studies were conducted on cotton (2), wheat (2), chile peppers (2), pecans (2), and tomatoes (2).
9. 2000. Studies were conducted on cotton (2), wheat (1), chile peppers (2), bell peppers (1), pecan (1), lettuce (1), and onion (2).
10. 2001. Studies were conducted on cotton (1), potato (1), wheat (2), chile pepper (2), bell pepper (1), lettuce (2), onion (3), pecan (1), cantaloupe (3), broccoli (1) and tomato (1).
11. 2002. Studies were conducted on wheat (3), chile (2), bell pepper (1), grain sorghum (1), tomato (5), cantaloupe (1), and lettuce (2).
12. 2003. Studies were conducted on wheat (1), chile (1), and pecans (1).
13. 2004. Studies were conducted on cotton (1) and chile (1).
14. 2005. Studies conducted on chile (1), corn/wheat (1), and grain sorghum (1).
15. 2006. Studies conducted on pecan (1).

E. National and/or regional committees and offices held and committee assignments, including special assignments.
Western Society of Weed Science

Sustaining Member (Marathon Consulting)	1994-2005
Local Arrangements (Albuquerque, NM)	1996
Project 4: Teaching and Technology Transfer-panelist	2001
Herbicide Resistant Plants Committee	2000-2003

Education & Regulatory Section Chair-elect.	2001
Education & Regulatory Section Chair.	2002
Ad hoc committee to review the Constitution and Operating Procedures	2002-2003
Company host for Student Educational Enhancement Program.	2002
President-Elect	2004-2005
Program Committee (Vancouver meeting) Chair	2005
President	2005-2006
Past President	2006-2007
Business Manager/Treasurer	2006-present
<u>Southern Weed Science Society:</u>	
Chairman of Placement Committee for Southern Weed Science Society	1980
Secretary/Treasurer Deep South Weed Meet	1980-83
Graduate Program Committee for Southern Weed Science Society	1981
Local Arrangements Committee for Southern Weed Science Society	1982
Public Relations Committee Southern Weed Sci. Soc.	1982
Chairman of Display Committee Southern Weed Sci. Soc.	1983-85
Executive Board of Directors - Member-at-Large-Southern Weed Science Society	1985-88
Newsletter Committee - Southern Weed Science Society	1984-92
Research Report Committee - Section Chairman (Soybeans) SWSS	1985-87
Review Committee for Research Methods Manual - Southern Weed Science Society	1985-86
Secretary/Treasurer - Southern Weed Science Society	1987-89
Southern Weed Contest Committee - Southern Weed Science Society	1984-89
Awards Committee - Southern Weed Science Society	1987-89
Endowment Fund Committee - Southern Weed Science Society	1987-89
CAST Representative	1990-93
Vice President-Southern Weed Science Soc.	1992-1993

President Elect-Southern Weed Science Soc.	1993-1994
President-Southern Weed Science Soc.	1994-1995
Nominations Committee-Chair-Southern Weed Sci. Soc.	1995-1996
Awards Committee-Chair-Southern Weed Sci. Soc.	1995-1996
Past President-Southern Weed Science Soc.	1995-1996
Finance Committee-Chair-Southern Weed Sci. Soc.	1992-1993
Program Committee-Chair-Southern Weed Sci. Soc.	1994
Research Committee-Chair-Southern Weed Sci. Soc.	1992-1993
Outstanding Graduate Student Award Subcommittee	1996-1998
Program Committee - Southern Weed Science Society (poster chair)	2000
<u>Weed Science Society of America:</u>	
Placement Committee for Weed Science Society of America	1981-85
Terminology Committee for Weed Science Soc. of America	1982-87
Graduate Student Award Committee - Weed Sci. Soc. of Amer.	1983-88
Author for Weed Control in Wheat Monograph for publication by Weed Science Soc. of America	1984-87
Reviewer for WEED SCIENCE - official journal of the Weed Science Society of America.	1984-86
Editorial Committee - Weed Science Society of America	1985-88
Section Chairman - Agronomic Crops - Weed Science Society of America	1987-88
Chairman - Outstanding Student Endowment Award Subcommittee Weed Science Society of America	1988-90
Strategic Planning Committee-Weed Science Society of America	1991-1994
Registry of Environmental & Agricultural Professionals (REAP)-Special Committee-Weed Science Society of America	1991-1992
Weed Scientists in Private Practice-Special Committee- Weed Science Society of America	1991-1993 (Chair) 1994-1997
CAST Committee-Weed Science Soc. of America	1991-1993 (Chair) 1995-1996
Associate Editor for WEED TECHNOLOGY	1996-1998
Board of Directors - Member at Large	1997-2001
Finance Committee	1998-2001

Program Committee-Sustaining Member Exhibits	2000
Graduate Student Activities	2001-2003
Special Committee for 1,000 Weeds of North America ID Guide CD. Marketing.	2003-2004
Principal investigator for USDA-APHIS/Agrostis Project	2003-2004
Endowment Committee	(Chair) 2004-2008
<u>Other:</u>	
Tour Coordinator of the Georgia, Florida, Alabama Weed Tour	1981 & 85
Secretary of S-110 Regional Weed Research Project	1981
Vice-chairman S-159 Reg. Weed Res. Proj.	1982
Chairman S-159 Reg. Weed Res. Proj.	1983
Objective Leader - S-183 Regional Res. Proj.	1984-89
Chair of writing committee for S-215 Reg. Res. Proj.	1986-87
American Registry of Certified Professionals in Agronomy, Crops, and Soils-Weed Science Sub-Board	1992-1994
Crops and Soils Magazine-Editorial Board-American Society of Agronomy	1983-85
CSRS Review team for the Univ. of Maryland Agronomy Dep.	Oct. 1988
CSRS Review team for Okla. State Univ. Agronomy Dep.	Nov. 1989
CAST Board of Directors - SWSS elected representative WSSA representative	1990-1993 1994-1996
CAST-National Concerns Committee	1990-1992
CAST-Plant Protection Work Group (Group Chair-1992-1993)	1990-1993
CAST-Science and Education Committee	1992-1993 1994-1996
CAST-Nominations Committee	1995
Reviewer for USDA National Research Initiative Competitive Grants Program.	1998 & 1999
Invited lecturer - Univ. of Arkansas, Dept of Crop, Soil and Environmental Sciences. "A private consultant's view of agricultural research and teaching".	Oct. 1999
International Weed Science Society-Graduate Student Competition Committee.	2002-2004

PROFESSIONAL HONORS AND RECOGNITIONS.

	<u>Year</u>	<u>Honor or Recognition</u>	<u>Awarded by</u>
a. National	1988	Outstanding Young Scientist	Weed Science Society of America
	1993	Certificate of Excellence for the Development of Agronomic Educational Material-Video Category	Am. Soc. of Agronomy
	2004	Outstanding Industry Award	Weed Science Society of America
b. Regional	1986	Outstanding Young Weed Scientist	Southern Weed Science Society
	1998	Distinguished Service Award	Southern Weed Science Society
	2004	Fellow Award	Western Society of Weed Science
c. University	1980	Outstanding Res. Award for a new member	Sigma Xi- Texas A&M University
d. College	1981 1983 & 1988	Recognized by Agric. Exp. Stn. of the Univ. of GA as one of the top ten grant recipients.	
	1987	Distinguished Faculty Award for Teaching	UGA Agric. Alumni Association
e. Department	1986	Teacher of the Year	Agronomy Club

Graduate students directed.

1. Wells, J. W. 1982. The effect of sicklepod (*Cassia obtusifolia* L.) density on soybeans [*Glycine max* (L.) Merr.] grown under mulched and nonmulched conditions. M.S. Thesis, Dep. of Agron. pp. 61.
2. Hacker, L. A. 1982. Influence of soil applied herbicides on subsequent foliar applications. M.S. Thesis, Dep. of Agron. pp. 60.
3. Waldrop, D. D. 1982. Interaction of selected herbicides and nematicide-insecticides applied banded and in-furrow in soybeans. M.S. Thesis, Dep. of Agron. pp. 44.
4. Ballerstedt, P. J. 1983. Behavior of alachlor and metribuzin in Georgia soils. M.S. Thesis, Dep. of Agron. pp. 72.
5. Sanchez, O. 1983. The activity and persistence of alachlor, acetochlor, and metolachlor in Georgia soils as affected by several factors. M.S. Thesis, Dep. of Agron. pp. 45.
6. Giraud, L. J. 1984. Interrelationship of soybean (*Glycine max*) varieties and weed control treatments in double-cropped no-till systems. M.S. Thesis, Dep. of Agron. pp. 81.
7. Tripp, T. N. 1984. The effect of soybean (*Glycine max*) planting date and tillage on sicklepod (*Cassia obtusifolia*) interference with soybeans. Ph.D. Dissertation, Dep. of Agron. pp. 125.
8. Murdock, E. C. 1985. The influence of weed-free period, cultivar, and row spacing on pitted morningglory interference with soybeans. Ph.D. Dissertation, Dep. of Agron. pp. 61.

9. Schroeder Kvien, J. 1985. Persistence of norflurazon and fluridone in five Georgia soils. Ph.D. Dissertation, Dep. of Agron. pp. 177.
10. Whiddon, J. P. 1985. Preemergence and postemergence activity of several foliar active herbicides on several grass species. M.S. Thesis, Dep. of Agron. p. 108.
11. Hutchinson, S. A. 1985. Foliar activity of various herbicides on bermudagrass (Cynodon dactylon (L.) Pers.) and johnsongrass (Sorghum halepense (L.) Pers.). M.S. Thesis, Dep. of Agron. pp. 59.
12. Allen, D. R. 1985. Efficacy of chlorimuron (DPX-F6025) for weed control in Georgia soybeans (Glycine max (L.) Merr.). Ph.D. Dissertation, Dep. of Agron. pp. 80.
13. Connors, K. L. 1986. An evaluation of growth interference and potential allelopathy of various soybean cultivars on sicklepod. M.S. Thesis, Dep. of Agron. pp. 67.
14. Jackson, M. N. 1986. The effect of soil pH on the activity and persistence of chlorimuron. M.S. Thesis, Dep. of Agron. pp. 52.
15. Diawara, M. M. 1987. Influence of weed control in wheat and barley on weeds in doublecropped no-till soybeans and grain sorghum, respectively. M.S. Thesis, Dep. of Agron. pp. 85.
16. Peterson, E. J. 1983. MPPPM (non-thesis)
17. McLean, H. S. 1983. MPPPM (non-thesis)
18. Calhoun, J. K. 1985. MPPPM (non-thesis)
19. Lense, R. J. 1986. MPPPM (non-thesis)
20. Newcomer, D. T. 1988. Field and laboratory evaluations of three herbicides for broadleaf weed control in no-till doublecropped soybeans. Ph.D., dissertation, Dep. of Agron. pp. 65.
21. Jones, R. E. 1989. Effects of straw cover, tillage, and irrigation on the movement of alachlor and metribuzin into a soil profile and the effect of depth in the profile on dissipation of these herbicides. M.S. Thesis, Dep. of Agron. pp. 55
22. Bishop, G. 1989. MPPPM (non-thesis)
23. Mueller, T.C. 1990. Biological activity and soil behaviour of the herbicide RE-40885 (5-(methylamino)-2-phenyl-4-[3-(trifluoromethyl)phenyl]-3-2(H)-furanone. Ph.D. dissertation, Dep. of Agron. pp. 107.
24. Moore, J.D. 1990. Interactions of foliarly applied peanut herbicide mixtures and the influence of environment on weed and crop response. M.S. Thesis, Dep. of Agron. pp. 75.
25. Adcock, T.E. 1990. Effects of herbicides on the competitiveness of selected weeds. Ph.D. dissertation, Dep. of Agron. pp. 71.
26. Monks, C.D. 1990. The effect of straw, ash, and tillage on the dissipation, mobility, and activity of imazaquin and imazethapyr. Ph.D. dissertation, Dep. of Agron. pp.

SERVICE ACTIVITIES:

<u>DATE</u>	<u>TYPE OF PROGRAM</u>	<u>ATTENDANCE</u>	<u>ROLE</u>
1980, '82, '83	State Science Fair	300	Judge
1983	Oconee Co. FFA Chapter	31	Speaker

1982 - 1985	Oconee Elem. School	65/yr	Speaker
1983	No-till Soybean Meeting hosted by Soil & Water Conserv. Comm.	75	Speaker
1986	Oconee Co. High School Science Class	50	Speaker
1989	Invited speaker-Georgia Farm Bureau meeting	200	Speaker
1979-1990	Numerous field days and extension short courses	thousands	Speaker
1991-93	EPPWS Dept. Invited seminar speaker, NMSU	20 - 75	Speaker
1992-06	Guest lecturer for NMSU course "Introd. to Weed Science"	15 to 30	Speaker
1998, '04 & '06	Guest lecturer for NSMU course "Diagnosis of Plant Disorders".	20 to 25	Speaker
2000	Sierra Middle School, Las Cruces NM Science Class 'Plant ID'".	110	Speaker
2002-2007	Common Cause – Governing Board Southern New Mexico Chapter		Co-chair
2006- present	Common Cause New Mexico		Governing Council

PUBLICATIONS AND OTHER CREATIVE ACTIVITY. Starting with the oldest and progressing to the most recent.

a. **Refereed Books and Chapters:**

1. Banks, P. A. 1990. Weed Control Systems in the Southeast in: Systems of Weed Control in Wheat in North America. ed. by W.W. Donald. Weed Sci. Soc. of Amer. Monograph Series, no. 6.
2. Merkle, M. G. and P. A. Banks. 1992. Herbicide Chemistry in: Weeds of Cotton:Characterization and Control. No. 2 Ref. Book Series. ed. by C.G. McWhorter and J.R. Abernathy. The Cotton Foundation.
3. Banks, P.A. and J. Schroeder. 2003. Herbicide Injury on Peppers. In: Pepper Compendium. American Phytopath. Society.
4. Koskinen, W.C. and P.A. Banks. 2007. Soil Movement and Environmental Fate of Triazine Herbicides. In Triazine Herbicides. ed. by Homer LeBaron, Janis McFarland and Orvin Burnside; Elsevier Science Ltd.

b. **Refereed Journal Articles:**

1. Banks, P. A., P. W. Santelmann, and B. B. Tucker. 1976. Influence of long-term soil fertility treatments on weed species in winter wheat. *Agron. Journal* 68:825-827.
2. Banks, P. A., M. A. Kirby, and P. W. Santelmann. 1977. Influence of postemergence and subsurface layered herbicides on horsenettle and peanuts. *Weed Sci.* 25:5-8.
3. Banks, P. A. and P. W. Santelmann. 1977. Glyphosate as a postemergence treatment for johnsongrass control in cotton and soybeans. *Agron. Journal* 69:579-582.

4. Banks, P. A. and P. W. Santelmann. 1978. Influence of subsurface layered herbicides on horsenettle and various crops. *Agron. Journal* 70:5-8.
5. Banks, P. A. and M. G. Merkle. 1979. Soil detection and mobility of fluridone. *Weed Sci.* 27:309-312.
6. Banks, P. A., L. V. Hill, P. W. Santelmann. 1979. Control of field bindweed (*Convolvulus arvensis*) in winter wheat (*Triticum aestivum*) with foliar and subsurface layered herbicides. *Weed Sci.* 27:332-335.
7. Banks, P. A. and M. G. Merkle. 1979. Field evaluations of the herbicidal effects of fluridone on two soils. *Agron. Journal* 71:759-762.
8. Banks, P. A., M. L. Ketchersid, and M. G. Merkle. 1979. Persistence of fluridone in various soils under field and controlled conditions. *Weed Sci.* 27:631-633.
9. Whitwell, T., P. Banks, E. Basler, P. W. Santelmann. 1980. Glyphosate absorption and translocation in bermudagrass (*Cynodon dactylon*) and activity in horsenettle (*Solanum carolinense*). *Weed Sci.* 28:92-96.
10. Banks, P. A. 1980. A review of Introduction to Crop Protection by W. B. Ennis, Jr. in *NACTA Journ.* 24:51.
11. Banks, P. A. and E. L. Robinson. 1982. The influence of straw mulch on the soil reception and persistence of metribuzin. *Weed Sci.* 30:164-168.
12. Banks, P. A. and R. R. Duncan. 1983. Weed-control evaluations in ratoon-cropped grain sorghum (*Sorghum bicolor*). *Weed Sci.* 31:254-258.
13. Waldrop, D. D. and P. A. Banks. 1983. Interactions of 2,4-DB, acifluorfen, and toxaphene applied to foliage of sicklepod (*Cassia obtusifolia*). *Weed Sci.* 31:351-354.
14. Banks, P. A. 1983. Yellow nutsedge (*Cyperus esculentus*) control, regrowth, and tuber production as affected by herbicides. *Weed Sci.* 31:419-422.
15. Waldrop, D. D. and P. A. Banks. 1983. Interactions of postemergence and preemergence herbicides with insecticides in soybeans (*Glycine max*). *Weed Sci.* 31:730-734.
16. Banks, P. A. and T. N. Tripp. 1983. Control of johnsongrass (*Sorghum halepense*) with foliar herbicides in soybeans (*Glycine max*). *Weed Sci.* 31:628-633.
17. Banks, P. A. and E. L. Robinson. 1984. The fate of oryzalin applied to straw mulched and non-mulched soils. *Weed Sci.* 32:269-272.
18. Banks, P. A., T. N. Tripp, J. W. Wells, and J. E. Hammel. 1986. Effect of tillage on sicklepod interference with soybeans and soil water use. *Weed Sci.* 34:143-149.
19. Schroeder, J., P. A. Banks, and R. L. Nichols. 1986. Soft red winter wheat cultivar response to metribuzin. *Weed Sci.* 34:66-69.
20. Schroeder, J. and P. A. Banks. 1986. Persistence of norflurazon in five Georgia soils. *Weed Sci.* 34:595-599.
21. Schroeder, J. and P. A. Banks. 1986. Persistence and activity of norflurazon and fluridone in five Georgia soils under controlled conditions. *Weed Sci.* 34:599-606.
22. Schroeder, J. and P. A. Banks. 1986. Persistence of fluridone in five Georgia soils. *Weed Sci.* 34:612-616.
23. Banks, P. A. and E. L. Robinson. 1986. Soil reception and activity of acetochlor, alachlor, and metolachlor as affected by wheat (*Triticum aestivum*) straw and irrigation. *Weed Sci.* 34:607-611.
24. Murdock, E. C., P. A. Banks, and J. E. Toler. 1986. Shade development effects on pitted morningglory (*Ipomoea lacunosa*) interference with soybeans (*Glycine max*). *Weed Sci.* 34:711-717.

25. Fleming, A. A., P. A. Banks, and J. G. Legg. 1988. Differential response of maize inbreds to bentazon and other herbicides. *Canadian J. of Plant Sci.* (68:501-507).
26. James, K. L., K.J. Karnok, P. A. Banks. 1988. Interference of various soybean (*Glycine max*) cultivars with sicklepod (*Cassia obtusifolia*). *Weed Tech.* 2:404-409.
27. Kvien, C. S., J. Schroeder, and P. A. Banks. 1988. A field technique to study root growth in peanut. *Agron. J.* 80:852-854.
28. Schroeder, J. and P. A. Banks. 1989. Soft red winter wheat (*Triticum aestivum*) response to dicamba. *Weed Tech.* 3:67-71.
29. Banks, P. A. and S. A. Bundschuh. 1989. Control of johnsongrass in conventionally-tilled and non-tilled soybeans with foliar applied herbicides. *Agron. J.* 81:757-760.
30. Mueller, T. C. and P. A. Banks. 1989. Peanut weed control systems utilizing RE-40885. *Peanut Sci.* 16:87-91.
31. Adcock, T. E., W. Nutter, and P. A. Banks. 1990. Measuring herbicide injury to soybeans using a radiometer. *Weed Sci.* 38:625-627.
32. Diawara, M. M. and P. A. Banks. 1990. Weed control in barley (*Hordeum vulgare*)-no-till grain sorghum (*Sorghum bicolor*) production. *Weed Sci.* 38:50-53.
33. Mueller, T. C., P. A. Banks, P. Bush, and C. Steen. 1990. Liquid chromatographic determination of 5-(methylamino)-2-phenyl-4-[3-(trifluoromethyl)phenyl]-3-(2H)-furanone in soil. *Assoc. of Offic. Anal. Chem.* 73:298-299.
34. Adcock, T. E., P. A. Banks, and D. C. Bridges. 1990. Effects of preemergence herbicides on soybean (*Glycine max*):weed competition. *Weed Sci.* 38:108-112.
35. Moore, J. D., P. A. Banks, and C. L. Pinnell-Alison. 1990. Wild poinsettia (*Euphorbia heterophylla*) control in peanut (*Arachis hypogaea*). *Weed Sci.* 38:536-540.
36. Jones, Jr., R.E., P.A. Banks, and D.E. Radcliffe. 1990. Alachlor and metribuzin movement and dissipation in a soil profile as influenced by soil surface condition. *Weed Sci.* 38:589-597.
37. Mueller, T.C. and P.A. Banks. 1991. Flurtamone adsorption and mobility in soil. *Weed Sci.* 39:275-279.
38. Parrish, R.S., G.O. Ware, C.N. Smith, and P.A. Banks. 1990. Composite sampling techniques for determining pesticide concentrations. *Proceedings of the 1990 Kansas State Conf. on Applied Stat. in Agric.* 2:10 pp.
39. Mueller, T.C., P.A. Banks, and D.C. Bridges. 1990. Dissipation of flurtamone in three Georgia soils. *Weed Sci.* 38:411-415.
40. Adcock, T.E. and P.A. Banks. 1991. Effects of preemergence herbicides on the competitiveness of selected weeds. *Weed Sci.* 39:54-56.
41. Adcock, T.E. and P.A. Banks. 1991. The effects of chlorimuron on soybean and sicklepod as influenced by application timing. *Weed Sci.* 39:139-142.
42. Monks, C.D. and P.A. Banks. 1991. Rotational crop response to chlorimuron, clomazone, and imazaquin applied the previous year. *Weed Sci.* 39:629-633.
43. Moore, J.D. and P.A. Banks. 1991. Interactions of foliarly applied herbicides on three weed species in peanut (*Arachis hypogaea*). *Weed Sci.* 39:614-621.

44. Mueller, T.C., P.A. Banks, and W.C. Steen. 1991. Microbial degradation of flurtamone in three Georgia soils. *Weed Sci.* 39:270-274.
45. Mueller, T.C., R.E. Jones, Jr., P.B. Bush, and P.A. Banks. 1992. Comparison of PRZM and GLEAMS computer model predictions with field data for alachlor, metribuzin, and norflurazon leaching. *Environmental Toxicology and Chemistry.* 11:427-436.
46. Monks, C.D. and P.A. Banks. 1993. The effect of straw, ash and tillage on the dissipation of imazaquin and imazethapyr. *Weed Sci.* 41:133-137.
47. Greene, L.C., P.A. Meyers, J.T. Springer, and P.A. Banks. 1992. Biological evaluation of pesticides released from temperature-responsive microcapsules. *J. Agric. & Food Chem.* 40:2274-2278.
48. Vencill, W.K. and P.A. Banks. 1994. Dissipation of chlorimuron in Southern Soils. *Weed Sci.* 42:626-628.
49. Vencill, W.K. and P.A. Banks. 1994. Effects of tillage systems and weed management on weed populations in grain sorghum (*Sorghum bicolor*). *Weed Sci.* 42:541-547.
50. Harris, P.A., H.H. Schomberg, P.A. Banks, and J.E. Giddens. 1995. Burning, tillage and herbicide effects on the soil microflora in a wheat-soybean double-crop system. *Soil Biol. Biochem.* 27:153-156.
51. Vencill, W. K., P.A. Banks, M. Barrett, B. Brecke, N. Rhodes, P. Santelman, D. Shaw, R. Talbert, and J.B. Weber. 1995. Dissipation of imazaquin in southern soils. *J. Environ. Sci. Health.* B30(5), 621-635.
52. Banks, P.A. and J. Schroeder. 2002. Carrier volume affects herbicide activity in simulated drift studies. *Weed Tech.* 16:833-837.

c. Abstracts and Proceedings:

1. Banks, P. A., L. V. Hill, and P. W. Santelmann. 1975. Subsurface layering of dinitroaniline herbicides for horsenettle and bindweed control. *Proc. South. Weed Sci. Soc.* 28:44.
2. Banks, P. A. and P. W. Santelmann. 1976. Carolina horsenettle susceptibility to glyphosate at varying growth stages. *Proc. South. Weed Sci. Soc.* 29:402.
3. Banks, P. A., M. Boyles, and P. W. Santelmann. 1977. Soil treatments for broadleaved perennial weed control on cropland. *Proc. South Weed Sci. Soc.* 30:65.
4. Banks, P. A. and M. G. Merkle. 1978. Effectiveness and persistence of fluridone. *Proc. South. Weed Sci. Soc.* 31:74.
5. Banks, P. A. and M. G. Merkle. 1978. Detection and movement of fluridone in Texas soils. *Weed Sci. Soc. of America Abstracts.* p. 85.
6. Banks, P. A., M. L. Ketchersid, and M. G. Merkle. 1979. Persistence of fluridone under field and controlled conditions. *Weed Sci. Soc. of America Abstracts.* p. 1-2.
7. Banks, P. A. and E. L. Robinson. 1980. Effect of straw mulch on preemergence herbicides. *Proc. South. Weed Sci. Soc.* 33:286.
8. Hacker, L. A. and P. A. Banks. 1980. Influence of soil applied herbicides on subsequent applied foliar applications. *Proc. South. Weed Sci. Soc.* 33:32.
9. Banks, P. A. 1981. Postemergence johnsongrass control in soybeans. *Proc. South. Weed Sci. Soc.* 34:48.
10. Banks, P. A. 1981. The Deep South Weed Meet: Status and Report. *Proc. South. Weed Sci. Soc.* 34:280.
11. Ballerstedt, P. J. and P. A. Banks. 1981. Herbicidal activity and persistence in soils as affected by soil pH. *Proc. South. Weed Sci. Soc.* 34:246.

12. Hacker, L. A. and P. A. Banks. 1981. Foliar and soil applied herbicides for weed control in soybeans and peanuts. Proc. South. Weed Sci. Soc. 34:87.
13. Wells, J. W. and P. A. Banks. 1981. The effect of sicklepod competition on soybeans grown under mulched and nonmulched conditions. Proc. South. Weed Sci. 34:61.
14. Waldrop, D. D. and P. A. Banks. 1981. Interactions of postemergence herbicide combinations on sicklepod. Proc. South. Weed Sci. Soc. 34:249.
15. Simonds, B. L. and P. A. Banks. 1981. Use of preemergence herbicides in reduced tillage soybeans. Proc. South. Weed Sci. Soc. 34:80-84.
16. Banks, P. A. 1981. Influence of several herbicides on yellow nutsedge (Cyperus esculentus) control, regrowth, and tuber production. Weed Sci. Soc. of Amer. Abst. p. 103.
17. Banks, P. A. and E. L. Robinson. 1981. Effect of tillage practices on the persistence of three herbicides. Weed Sci. Soc. of Amer. Abst. p. 125.
18. Wells, J. W. and P. A. Banks. 1981. The effect of various additives on phytotoxicity caused by metribuzin. Weed Sci. Soc. of Amer. Abst. p. 128.
19. Banks, P. A. 1982. Weed control systems in ratoon cropped grain sorghum. Proc. South. Weed Sci. Soc. 35:54.
20. Waldrop, D. D. and P. A. Banks. 1982. Interactions of selected nematicides and herbicides on soybeans. Proc. South. Weed Sci. Soc. 35:349.
21. Tripp, T. N. and P. A. Banks. 1982. The effect of tall morningglory competition with soybeans. Proc. South. Weed Sci. Soc. 35:313.
22. Kvien, J. S. and P. A. Banks. 1982. Weed control in minimum-till soybeans. Proc. South. Weed Sci. Soc. 35:45.
23. Ballerstedt, P. J. and P. A. Banks. 1982. Behavior of alachlor and metribuzin as affected by soil pH. Proc. South. Weed Sci. Soc. 35:331.
24. Banks, P. A. 1982. The residual effect of benefin and trifluralin on corn as affected by time and rate of application. Abstracts-Weed Sci. Soc. of Amer. p. 12.
25. Hammel, J. E. and P. A. Banks. 1982. Water relations of soybeans grown with sicklepod (Cassia obtusifolia L.). Abstracts. Weed Sci. Soc. of Amer. p. 61.
26. Banks, P. A. and E. L. Robinson. 1983. Activity of acetochlor, alachlor, and metolachlor as affected by straw. Proc. South. Weed Sci. Soc. 36:394.
27. Allen, D. R. and P. A. Banks. 1983. Evaluation of DPX-5967 and DPX-5969 for broadleaf weed control in soybeans. Proc. South. Weed Sci. Soc. 36:88.
28. Tripp, T. N., P. A. Banks, J. E. Hammel, and J. F. McBride. 1983. The effect of tillage systems on sicklepod interference with soybeans. Proc. South. Weed Sci. Soc. 36:417.
29. Ballerstedt, P. J. and P. A. Banks. 1983. Adsorption of metribuzin and alachlor by six Georgia soils. Proc. South. Weed Sci. Soc. 36:395.
30. McLean, H. S. and P. A. Banks. 1983. Citron control in soybeans. Proc. South. Weed Sci. 36:81.
31. Kvien, J. S. and P. A. Banks. 1983. Norflurazon persistence in soybeans. Proc. South. Weed Sci. Soc.

36:396.

32. Banks, P. A. and J. E. Hammel. 1983. Factors affecting soybean growth interference by sicklepod (Cassia obtusifolia L.). Abstracts. Weed Sci. Soc. of Amer. p. 65.
33. Kvien, J. S., P. A. Banks, and R. L. Nichols. 1983. Response of soft red winter cultivars to metribuzin. Abstracts. Weed Sci. Soc. of Amer. p. 14.
34. Tripp, T. N. and P. A. Banks. 1983. Comparison of sethoxydim and fluazifop-butyl for large crabgrass (Digitaria sanguinalis) control as affected by growth stage and tank mixtures. Abstracts. Weed Sci. Soc. of Amer. p. 30.
35. Ballerstedt, P. J. and P. A. Banks. 1983. Behavior of alachlor and metribuzin as affected by soil pH. Abstracts. Weed Sci. Soc. of Amer. p. 216.
36. Banks, P. A. 1984. Application efficiency of herbicides by irrigation systems. Proc. South. Weed Sci. Soc. 37:395.
37. Tripp, T. N., P. A. Banks, C. M. Himel, A. Villaveces, and L. L. Schroeder. 1984. Conventional versus controlled droplet applications in no-till soybeans. Proc. South. Weed Sci. Soc. 37:402.
38. Harris, P. A., P. A. Banks, and J. E. Giddens. 1984. Tillage, burning, and herbicide effects on microorganisms. Proc. South. Weed Sci. Soc. 37:315.
39. Kvien, J. S. and P. A. Banks. 1984. Norflurazon and fluridone loss in Georgia soils. Proc. South. Weed Sci. Soc. 37:346.
40. Girauo, L. J. and P. A. Banks. 1984. Soybean varieties-weed control in double-cropped no-till systems. Proc. South. Weed Sci. Soc. 37:103.
41. Allen, D. R. and P. A. Banks. 1984. Evaluation of DPX-F 6025 for broadleaf weed control in soybeans. Proc. South. Weed Sci. Soc. 37:73.
42. Robinson, E. L., P. A. Banks, and G. W. Langdale. 1984. Effect of tillage and herbicide formulations on soybean yield. Proc. South. Weed Sci. Soc. 37:95-99.
43. Banks, P. A. 1984. Chlorpyrifos/metribuzin interactions in soybeans. WSSA-Abstracts p. 8.
44. Tripp, T. N. and P. A. Banks. 1984. The effect of sicklepod (Cassia obtusifolia) population density on water usage in soybeans. WSSA-Abstracts p. 14.
45. Kvien, J. S., and P. A. Banks. 1984. Field persistence of norflurazon in two Georgia soils. WSSA abstract p. 248.
46. Harris, P. A., J. E. Giddens, and P. A. Banks. 1984. The influence of various herbicide, tillage, and burning practices on soil microbial populations. Agron. Abstracts p. 187.
47. Allen, D. R. and P. A. Banks. 1985. Sicklepod control in soybeans with DPX-6025 (Classic). Proc. South. Weed Sci. Soc. 38:58.
48. Jackson, M. N. 1985. Interactions of soil pH with DPX-6025 (Classic). Proc. South. Weed Sci. Soc. 38:463.
49. Harris, P. A., P. A. Banks, and J. E. Giddens. 1985. Soil microbial changes due to tillage and herbicides. Proc. South. Weed Sci. Soc. 38:464.
50. Connors, K. L., P. A. Banks, and K. J. Karnok. 1985. Potential allelopathy of various soybean cultivars to sicklepod. Proc. South. Weed Sci. Soc. 38:408.

51. Newcomer, D. T., L. J. Giraud, and P. A. Banks. 1985. Soybean variety as a factor of weed control in no-till systems. Proc. South. Weed Sci. Soc. 38:92.
52. Whiddon, J. P. and P. A. Banks. 1985. Preemergence activity of several foliar active herbicides on Texas panicum. Proc. South. Weed Sci. Soc. 38:39.
53. Kvien, J. S. and P. A. Banks. 1985. Persistence of preemergence applications of norflurazon in Georgia soils. Proc. South. Weed Sci. Soc. 38:478.
54. Tripp, T. N. and P. A. Banks. 1985. Effect of growth stage, tank mixtures, and soil moisture on large crabgrass control with sethoxydim and fluzafop. Proc. South. Weed Sci. Soc. 38:47.
55. Banks, P. A. and E. L. Robinson. 1985. Tillage and straw-ash effects on oryzalin and norflurazon. WSSA Abstracts p. 94.
56. Tripp, T. N. and P. A. Banks. 1985. The effect of soybean planting date on sicklepod (Cassia obtusifolia) interference with soybeans. WSSA Abstracts p. 51.
57. Kvien, J. S. and P. A. Banks. 1985. Soil surface degradation of norflurazon. WSSA abstracts. p. 95.
58. Banks, P. A., A. A. Fleming, and J. G. Legg. 1985. Differential reaction of maize inbreds to herbicides. Agronomy Abstracts. p. 47.
59. Hutchinson, S. A. and P. A. Banks. 1985. Effect of bermudagrass clipping on the activity of two herbicides. Proc. South Weed Sci. Soc. 38:442.
60. Lencse, R. J. and P. A. Banks. 1986. Emergence of common ragweed and common lambsquarters in winter wheat. Proc. South. Weed Sci. Soc. 39:480.
61. Hutchinson, S. A. and P. A. Banks. 1986. Johnsongrass control under tilled and nontilled conditions. Proc. South. Weed Sci. Soc. 39:46.
62. Strickland, R. M. and P. A. Banks. 1986. Influence of repeated applications of EPTC on its persistence. Proc. South. Weed Sci. Soc. 39:407.
63. Jackson, M. N. and P. A. Banks. 1986. Effects of soil pH on the behavior of chlorimuron (DPX-F6025). Proc. South. Weed Sci. Soc. 39:421.
64. Newcomer, D. T. and P. A. Banks. 1986. Three new broadleaf herbicides in no-till soybeans. Proc. South. Weed Sci. Soc. 39:82.
65. Banks, P. A. 1986. Weed population changes as affected by tillage and herbicides on previously noncropped soil. WSSA Abstracts 26:64-65.
66. Diawara, M. M. and P. A. Banks. 1987. Influence of weed control in winter barley on weeds in doublecropped grain sorghum. Proc. South. Weed Sci. Soc. 40:77.
67. Pinnell-Alison, C. L. and P. A. Banks. 1987. Efficacy of various herbicides for wild poinsettia control in peanuts. Proc. South. Weed Sci. Soc. 40:55.
68. Strickland, R. L. and P. A. Banks. 1987. Herbicide persistence as affected by repeated applications. Proc. South. Weed Sci. Soc. 40:376.
69. Newcomer, D. T. and P. A. Banks. 1987. Distribution and crystallization of chlorimuron and imazaquin as affected by plant species. Proc. South. Weed Sci. Soc. 40:326.
70. Banks, P. A. 1987. Contributions of various herbicide applications to weed control in peanuts. WSSA abstracts. 27:15.

71. Newcomer, D. T., D. L. Herrin, G. W. Schmidt and P. A. Banks. 1988. Translocation comparisons of chlorimuron and imazaquin in soybean, sicklepod and Florida beggarweed. *Proc. South. Weed Sci. Soc.* 41:272.
72. Jones, R. E. and P. A. Banks. 1988. Verification of a herbicide decision model in Georgia. *Proc. South. Weed Sci. Soc.* 41:314.
73. Monks, C. D. and P. A. Banks. 1988. Response of rotational crops to soybean herbicides. *Proc. South. Weed Sci. Soc.* 41:47.
74. Mueller, T. C. and P. A. Banks. 1988. Efficacy of RE-40885 combinations in peanuts. *Proc. South. Weed Sci. Soc.* 41:65.
75. Banks, P. A. and C. L. Pinnell-Alison. 1988. Wild poinsettia control systems in peanuts. *Proc. South. Weed Sci. Soc.* 41:63.
76. Newcomer, D. T., A. Angel, and P. A. Banks. 1988. Qualification of crystallization of chlorimuron on leaf surfaces. *WSSA Abstracts.* 28:95.
77. Newcomer, D. T., and D. L. Herrin, G. W. Schmidt, and P. A. Banks. 1988. Uptake and translocation of chlorimuron and imazaquin in soybean, sicklepod, and Florida beggarweed. *WSSA Abstracts.* 28:62.
78. Banks, P. A. 1989. Implications of tillage on herbicide persistence and subsequent plant growth. *Proc. South. Weed Sci. Soc. Special Symposium.* 42:92.
79. Giraud, L. J., M. Diawara, and P. A. Banks. 1989. Weed control in doublecropped soybean as influenced by herbicides in the previous crop. *Proc. South. Weed Sci. Soc.* 42:365.
80. Moore, J. D. and P. A. Banks. 1989. Comparisons of early postemergence weed control systems for peanuts. *Proc. South. Weed Sci. Soc.* 42:29.
81. Mueller, T. C. and P. A. Banks. 1989. Postemergence johnsongrass control in corn. *Proc. South. Weed Sci. Soc.* 42:44.
82. Jones, R. E., P. A. Banks, and D. E. Radcliffe. 1989. Dissipation of metribuzin and alachlor in a soil profile. *Proc. South. Weed Sci. Soc.* 42:353.
83. Adcock, T. E., F. W. Nutter, and P. A. Banks. 1989. Measuring herbicide injury to soybeans using a radiometer. *Proc. South. Weed Sci. Soc.* 42:364.
84. Adcock, T. E., P. A. Banks, and D. C. Bridges. 1989. Ratio of soybean: weed biomass as influenced by preemergence herbicides. *Proc. South. Weed Sci. Soc.* 42:285.
85. Monks, C. D. and P. A. Banks. 1989. Effect of straw-ash and tillage on chlorimuron dissipation. *Proc. South. Weed Sci. Soc.* 42:344-347.
86. Castner, E. C. and P. A. Banks. 1989. Soybean herbicide decision model verification in Georgia. *Proc. South. Weed Sci. Soc.* 42:324.
87. Banks, P. A. 1989. Weed population dynamics in soybeans as influenced by five years of tillage and herbicide inputs. *WSSA Abstracts.* 29:262.
88. Moore, J. D. and P. A. Banks. 1990. Interactions of foliarly applied herbicides used in peanut. *Proc. South. Weed Sci. Soc.* 43:100.
89. Mueller, T. C., P. A. Banks, and W. C. Steen. 1990. Microbial degradation of RE-40885 in three Georgia Soils. *Proc. South. Weeds Sci. Soc.* 43:407.

90. Adcock, T. E. and P. A. Banks. 1990. Effects of preemergence herbicides on the growth of selected weeds. Proc. South. Weed Sci. Soc. 43:336.
91. Monks, C. D. and P. A. Banks. 1990. Imazaquin and imazethapyr movement in ash-amended soils. Proc. South. Weed Sci. Soc. 43:417.
92. Castner, E. C. and P. A. Banks. 1990. Response of chlorimuron dissipation to soil pH. Proc. South. Weed Sci. Soc. 43:404.
93. Jones, R. E. and P. A. Banks. 1990. Irrigation, tillage, and straw effects on leaching of metribuzin and alachlor. Proc. South. Weed Sci. Soc. 43:402.
94. Monks, C. D. and P. A. Banks. 1990. Dissipation of imazaquin and imazethapyr under various straw management systems. WSSA Abstracts 30:77.
95. Moore, J. D. and P. A. Banks. 1990. Environmental effects on phytotoxicity of paraquat, lactofen, and selected mixtures to peanut. WSSA Abstracts 30:9.
96. Mueller, T. C., P. A. Banks, and D. C. Bridges. 1990. Dissipation of RE-40885 in three Georgia soils. WSSA Abstracts 30:77.
97. Adcock, T. E. and P. A. Banks. 1990. Soybean and sicklepod (*Cassia obtusifolia* L.) growth as influenced by chlorimuron application timing. WSSA Abstracts 30:63.
98. Mueller, T. C., R. E. Jones, Jr., P. B. Bush, and P. A. Banks. 1991. Comparison of PRZM and GLEAMS model predictions with field data for alachlor, metribuzin, and norflurazon. WSSA Abstracts 31:64.
99. Giraud, L. J., W. K. Vencill, P. A. Banks, and G. W. Langdale. 1991. Influence of two no-till planter systems on bermudagrass (*Cynodon dactylon* (L.) Pers.) cotton interaction. WSSA Abstracts 31:75.
100. Knowe, S.A., B.D. Shiver, and P.A. Banks. 1993. Direct effects of hexazinone and fertilizer on loblolly pine. Proc. South. Weed Sci. Soc. 46:197-205.
101. Vencill, W.K. and P.A. Banks. 1993. Weed population dynamics in conventional and no-till grain sorghum. Proc. South. Weed Sci. Soc. 46:370.
102. Banks, P.A. and D.P. Tierney. 1993. A comparison of atrazine and metolachlor biological assessment data to concentrations reported in precipitation monitoring studies. Proc. Symposium on Agric. Nonpoint Sources of Contaminants: A Focus on Herbicides, Sponsored by EPA and USGS, Lawrence, KS. p. 18.
103. Banks, P.A. and D.P. Tierney. 1993. Comparison of atrazine and metolachlor biological assessment data to concentrations reported in precipitation monitoring studies. Abstract #284, SETAC meeting, Houston, TX. 14:86.
104. Banks, P.A. and D.P. Tierney. 1994. Comparison of atrazine and metolachlor biological assessment data to concentrations reported in precipitation monitoring studies. WSSA Abstracts 34:197.
105. Banks, P.A. 1995. Weed Science as a Discipline: Turning Point or Vanishing Point. Presidential Address. Proc. South. Weed Sci. Soc. 48:xcii-xcvi
106. Tierney, D.P., B.R. Christensen, K. Golden, M. Colletine, M. Blanchard, R. Fawcett, and P.A. Banks. 1996. Metolachlor spring and fall application: Comparative surface runoff and groundwater infiltration potential. WSSA Abstracts 36:197.
107. Banks, P.A. and D.P. Tierney. 1996. A review of metolachlor leaching characteristics in several upper midwestern states and the potential leaching differences between fall and spring applications. WSSA Abstracts 36:198.

108. Banks, P.A. and J. Schroeder. 2000. Carrier volume affects herbicide activity in simulated spray drift studies. *Proc. South. Weed Sci. Soc.*53:173.
 109. Banks, P.A. and J. Schroeder. 2000. Carrier volume affects herbicide activity in simulated spray drift studies. *WSSA Abstracts* 40:80.
 110. Schroeder, J. and P.A. Banks. 2000. Spray carrier volume affects activity of herbicides at low dosages. *Proc. Western Soc. of Weed Sci.* 53:32.
 111. Schroeder, J., C.A. Fiore, and P.A. Banks. 2001. Purple nutsedge management in chile peppers with halosulfuron. *Proc. Western Soc. of Weed Sci.* 54:4-5.
 112. Norsworthy, J.H., J. Schroeder, P.A. Banks and L.W. Murray. 2002. Halosulfuron for purple nutsedge management in chile. *Proc. Western Soc. of Weed Sci.* 55:11-12.
 113. Banks, P.A. and E.L. Morris. 2002. Diagnosis of herbicide problems in field crops. *Proc. Western Soc. of Weed Sci.* 55:55.
 114. Ball, D.A., D.C. Thill, M. Ensminger, K. Howatt, S. Seefeldt, P.A. Banks and R.L. Anderson. 2003. Development of weed resistance as affected by frequency of herbicide application. *Proc. Western Soc. of Weed Sci.* 56:89.
 115. Banks, P.A. 2004. Forensic Weed Science: What, Why, How? *WSSA Abstracts.* 44:84.
 116. Banks, P.A. 2005. Private weed science consulting and research. *WSSA Abstracts.* 45:92 .
 117. Banks, P.A., B. Branham, K. Harrison, T. Whitson, and I. Heap. 2005. Determination of the potential impact from the release of glyphosate- and glufosinate-resistant *Agrostis stolonifera* L. in various crop and non-crop ecosystems. *WSSA Abstracts.* 45:109.
 118. Banks, P.A. 2006. Presidential Address: The Long and Winding Road that is WSWS. *Proc. Western Society of Weed Science.* 59th annual meeting.
- d. **Experiment Station Publications:** (Research Reports, Research Bulletins, etc.):
1. Duncan, R. R., J. T. Touchton, W. L. Hargrove, P. A. Banks, W. A. Gardner, and W. H. Marchant. 1981. Ratoon cropping of sorghum for grain in the southeastern United States. *Res. Bull.* 269, 45 pp. Univ. of Georgia Agric. Exp. Stn.
 2. Robinson, E. L. and P. A. Banks. 1983. The effectiveness of diclofop for control of Italian ryegrass (*Lolium multiflorum*) in winter wheat (*Triticum aestivum*). *Georgia Agric. Exp. Stn. Res. Rep.* 428.
 3. Banks, P. A. and J. S. Kvien. 1983. Weed control evaluations in no-till soybeans (*Glycine max*) double-cropped with rye (*Secale cereale*). *Georgia Agric. Exp. Stn. Res.* 431.
 4. Banks, P. A. 1986. Influence of trifluralin and benefin applications in soybeans and peanuts on rotational winter wheat and corn production. *Georgia Agric. Exp. Stn. Res. Bull.* 338.
 5. Banks, P. A. and C. C. Dowler. 1986. Application efficiency and distribution of several herbicides by center-pivot sprinkler irrigation. *Georgia Agric. Exp. Stn. Res. Bull.* 343.
 6. Newcomer, D. T., L. J. Giraud, and P. A. Banks. 1987. Soybean cultivar as a factor of weed control in no-till doublecropped production following wheat. *Georgia Agric. Exp. Stn. Res. Rep.* 508.
 7. Banks, P. A. 1989. Herbicide replacements for dinoseb in peanuts. *Georgia Agric. Exp. Sta. Res. Rep.* 566.
 8. Mueller, T. C., D. C. Bridges, and P. A. Banks. 1990. Johnsongrass control in corn with postemergence applied herbicides. *Georgia Agric. Exp. Stn. Res. Bull.* 392.

9. Monks, C.D., P.A. Banks, and R.M. Strickland. 1990. Influence of repeated herbicide applications on yellow nutsedge control and soil dissipation. Georgia Agric. Exp. Stn. Bull. 394.
- e. **Other Scientific Publications:** (Not listed above).
1. Banks, P. A., L. V. Hill, and P. W. Santelmann. 1975. New developments for perennial weed control. Oklahoma Agri. Chem. Conf. pp. 24-28.
 2. Banks, P. A., and P. W. Santelmann. 1976. Perennial Weed Control with glyphosate. Oklahoma Agri. Chem. Conf. pp. 52-55.
 3. Banks, P. A. and M. G. Merkle. 1979. Field and growth chamber evaluations of fluridone. Proc. South. Weed Sci. Soc. 32:49-53.
 4. Weed Sci. Research Report. 1980. 76 p.
 5. Weed Sci. Research Report. 1981. 63 p.
 6. Weed Sci. Research Report. 1982. 60 p.
 7. Banks, P. A. 1983. No-till weed problems and challenges in the lower south. Proc. 6th annual S. E. No-till Systems Conf. p. 23-25.
 8. Weed Sci. Research Report. 1983. 82 p.
 9. Weed Sci. Research Report. 1984. 103 p.
 10. Weed Science Research Report. 1985. 58 p.
 11. Weed Science Research Report. 1986. 129 p.
 12. Weed Science Research Report. 1987. 87 p.
 13. Weed Science Research Report. 1988. 89 p.
 14. Radcliffe, D. E., R. E. Jones, and P. A. Banks. 1989. Herbicide movement in conventional and reduced tillage soils. Proc. Georgia Water Resources Conf. pp. 172-174.
 15. Weed Science Research Report. 1989. 191 p.
 16. Banks, P.A. and D.P. Tierney. 1993. Biological assessment of atrazine and metolachlor. Environ. & Pub. Affairs Dept.-Ciba Geigy. Tech. paper:1-1993.
 17. Banks, P.A., K. Lund, R. Wilson, J. Tichota. 1993. Herbicide Drift Management. Sandoz Crop Protection.
 18. Banks, P.A., K. Lund, R. Wilson. 1993. Pesticide Adjuvants. Sandoz Crop Protection.
 19. Tierney, D.P., B.R. Christensen, K. Golden, M. Colletine, M. Blanchard, P.A. Banks, and R. Fawcett. 1995. Metolachlor spring and fall application: Comparative surface runoff and groundwater infiltration potential. Environ. & Public Affairs Dept.-Ciba Crop Protection, Ciba-Geigy Corp. Tech. Rep. 3-95.
 20. Determination of the Potential Impact from the Release of Glyphosate- and Glufosinate-resistant *Agrostis stolonifera* L. in Various Crop and Non-Crop Ecosystems. P.A. Banks et al. Special Report from WSSA to APHIS/USDA. March, 2004; <http://www.wssa.net/society/bentgrass.pdf> .
- f. **All Other Publications** (Popular Articles).
1. Banks, P. A. 1980. Minimizing stress in crop production. Solutions 24:44-48.

2. Banks, P. A. 1983. Allelopathic Crops: Potential aid in weed control. Crops and Soils Magazine. 36:18-19.
3. Banks, P. A. 1985. Controlling weeds in no-till crops. Georgia Farmer 3:35.

g. Development of Educational & Training Video Programs.

1. Banks, P.A., J. Schroeder, and J.B. Weber. 1991. Fate of pesticides in the environment-Program 1, Introduction to pesticides, Transfer processes. An educational video tape produced by MARATHON-Agric. and Environ. Consulting, Inc.
2. Banks, P.A., J. Schroeder, and J.B. Weber. 1991. Fate of pesticides in the environment-Program 2, Degradation processes, Summary. An educational video tape produced by MARATHON-Agric. & Environ. Consulting, Inc.
3. Banks, P.A. and Albert Johnson. 1993. Bioremediation: Science, Applications, Regulations, and Education. A symposium sponsored by the Soil Science Society of America. Twenty-one presentations from the symposium were video taped, edited, and offered for sale.
4. Banks, P.A. and S.H. Bundschuh. 1994. Calibration of pesticide application equipment for golf courses and recreational turf. An educational video tape produced by MARATHON-Agric. and Environ. Consulting, Inc.