

Symposia Sponsorship 1981-2010*

1981-1985: 16 symposia (3.2/year) with 33 co-sponsors (2.1/symposium)
 1986-1990: 24 symposia (4.8/year) with 67 co-sponsors (2.8/symposium)
 1991-1995: 17 symposia (3.4/year) with 42 co-sponsors (2.5/symposium)
 1996-2000: 25 symposia (5.0/year) with 67 co-sponsors (2.7/symposium)
 2001-2005: 16 Symposia (3.2/year) with 59 co-sponsors (3.7/symposium)
 2006-2010: 7 Symposia (1.4/year) with 5 co-sponsors (0.7/symposium, C-7 (3), A-3 (2))

Symposia co-sponsors

Rank	1981-1985		1986-1990		1991-1995		1996-2000		2001-2005	
	Division	No.	Division	No.	Division	No.	Division	No.	Division	No.
1	C-3	4	C-3	13	A-3	6	C-1	10	C-3	7
2	C-4	4	A-3	8	C-3	5	A-3	10	C-4	6
3	S-4	4	S-1	6	C-1	3	C-6	9	A-3	6
4	A-3	3	S-6	6	C-8	3	C-3	7	S-4	5
5	C-1	3	C-1	6	S-1	3	C-7	5	C-6	4
6	S-3	3	C-7	6	S-4	3	C-5	4	C-1	4
7	C-6	2	C-4	5	S-6	3	C-8	4	A-8	3
8	S-2	2	S-3	4	6 tied	2	S-10	3	S-6	3
9	8 tied	1	A-4	3			5 tied	2	5 tied	2
10			C-5	3					Other [†]	7

[†] Government agencies, NGO's, Companies, etc.

Symposia Titles (1981-2011)

<u>Year (Site)</u>	<u>Title & co-sponsor(s)</u>
2011 (San Antonio)	-Progress in Transformation for Physiological Traits Related to Tolerance to Environmental Stresses C-1, C-4, C-7, C-8
2010 (Long Beach)	-Roles of Root Biology In Sustainable Crop Production and Changing Environments S-6 -Technological Advances Driving the Next Green Revolution: High Throughput Phenotyping C-7 -Green Revolution 2.0: Critical Role and Contributions from Crop Physiology C-7
2009 (Pittsburgh)	-
2008 (Houston)	- Drought Resistance and Water-Use Efficiency: Experiments and Models
2007 (New Orleans)	-Yield Response to Water: Examination of the Role of Crop Models in Predicting Water Use Efficiency A-3 - Yield Response to Water: Physiological Analysis of Crop Water Use and Efficiency A-3 -Leaf Growth Mechanisms in Grasses: A Celebration of Jerry Nelson's Career
2006 (Indianapolis)	-Crop Stress Physiology: The Linkage Between Genes and Functions C-7
2005 (Salt Lake)	-The Physiology Behind Crop Quality C-1, C-3, C-4
2004 (Seattle)	-Phenotypic Adaptation to Environment: Plant Sensory Mechanisms C-3, C-4, A-3 -Progress in Radiation and Energy Balance Measurement Systems A-3, S-1, Campbell Scientific, Decagon Devices
2003 (Denver)	-Simulating Plant Processes: Assessments and new Directions A-3

- Opportunities for Linking Functional Genomics with Physiology for Global Change Research
 - Genetics and Physiology of Plant Responses to Stress Environments C-7, C-1
- 2002 (Indianapolis)
- Plant Diversity in Forage and Grazing Lands C-6, C-3, A-8, C-8, NCR Committee 31
 - Fertilizing Crops for Functional Foods S-4, S-8, C-3, A-8
- 2001 (Charlotte)
- Isoflavones: Plants, Pests, and People C-1, C-8
 - Grain and Seed Quality as Influenced by Changing Production Environments C-4, A-9
 - Ammonia Emissions from Agriculture S-4, A-3, A-5, C-4, C-6, S-6, S-11
 - The Carbon Cycle of Grazing Lands: Is it Worth Managing C-6, A-3, C-3, S-3, S-6, ACS824, NCR-31
 - Bridging the Gap Between Sequence and Function: The Role of Plant Physiology and Genomics C-1, C-7
 - Wheat Protein Enhancement with N Intervention S-4, A-4, C-3, C-4
 - Root Effects on Soil Properties, Processes, and Organisms S-3, S-4, S-6, S-8
 - Using Imaging and Spectral Methods to Quantify Plant Growth and Stress Responses A-3, A-8 C-3, C-4, C-5, C-6, S-4, USDA-ARS, Rockefeller Foundation
- 2000 (Minneapolis)
- Use of Agricultural System Models in Field Res., Tech. Trans., and Decision Support I, II A-3, A-5, A-8, C-3, S-6, USDA-ARS
 - Advances in Understanding Alfalfa Autotoxicity C-6, C-1
 - Nitrogen Use Efficiency: Theory to Practice C-1, C-3, C-6, S-4
 - Publishing in Crop Science C-8, C-1, C-3, C-4, C-5, C-6, C-7
 - Crop Modeling and Genomics A-3, C-1
 - Prospects for Genetic Resources: Stewardship or Neglect C-8, A-6, C-1, C-5, C-6
 - Remote Sensing Tools for Agricultural Research A-3
 - Crop Models in Research and Practice I, II, III A-3, C-3, S-1, S-6
 - Advances in Breeding Forage Grazing Land and Rangeland Plants C-6, C-1, C-7
 - Impacts of Stress Tolerance to Yield Imp. And Stability: Phys. Investigations from Field to Gene level C-1, C-3, C-6
 - Alfalfa Seed Production C-4, C-6
- 1999 (Salt Lake)
- Improving Crop Water Use Efficiency and Yield: Crop Development and Intrinsic Influences A-3, C-3
 - Improving Crop Water Use Efficiency and Yield: Management Influences A-3
 - Gas Exchange Processes: I. Wetland Ecosystems S-10, A-3, S-3
 - Gas Exchange Processes: II. Wetland Soils S-10, A-3, S-3
- 1998 (Baltimore)
- Physiology of Kernel Set in Maize A-3
 - Modeling of Kernel Set in Maize A-3
 - Molecular Genetic Physiology, Soil Fertility, and Pathology Approaches to Improve Flood Tolerance of Crops C-1, C-7, S-10
- 1997 (Anaheim)
- Root Biology: Fundamental Processes, Practical Applications
 - Food Systems for Human Health: A New Paradigm for Agriculture A-6, C-6, S-2, S-4
 - New Genes for Crop Improvement C-1, C-3, C-6, C-7, C-8
- 1996 (Indianapolis)
- Molecular, Biophysical, and Physiological Aspects of Potassium in Plants C-5
 - Potassium Nutrition and Optimization of Crop Cultural Management C-5
 - Forefronts in Plant Molecular Breeding, Genetics, and Biology C-1, C-7, C-8
- 1995 (St. Louis)
- Molecular-level techniques in crop physiology
 - Internet Resources A-1, A-4, A-5, C-3, C-8, S-6
 - DSSAT and ICASA crop models II A-1, A-3, C-3

- 1994 (Seattle) -Control of assimilate allocation A-3
 -Use and abuse of crop simulation models A-3, S-1
 -Allelopathy in cropping systems C-3, S-6, S-8
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- 1993 (Cincinnati) -Biophysical measurements A-3, S-1
 -Global climate change and food security A-3, A-6, C-8, S-7
 -Advances in carbon dioxide effects research A-3, C-3, S-7
 -Understanding development and growth in grasses: role of the phyllochron concept C-3
- 1992 (Minneapolis) -Potentials of biotechnology for crop quality improvement C-7, C-1, C-6
 -Strategies for improving stand longevity of forage legumes A-4, A-8, C-1, S-4
- 1991 (Denver) -Role of root shoot communication in plant responses to the environment
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 -Effects of enhanced ammonium diets on growth and yield of wheat and corn S-8, S-4
 -VA mycorrhizae in sustainable agriculture S-3, A-8, S-4
- 1990 (San Antonio) -Environmental effects on seed development in crop plants C-4
- 1989 (Las Vegas) -Biophysical measurements: I porometry techniques A-3, C-3
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 -The IBSNAT decision support system for agrotechnology transfer (DSSAT) A-3, A-4, A-6, C-3
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 - Strategies for increasing nitrogen fixation in the future C-3, S-3
 -Use of molecular technology for the study and modification of seeds C-4, C-1, C-7
- 1988 (Anaheim) -Modeling crop photosynthesis: from biochemistry to the canopy C-3
 -Turfgrass rooting and water relations C-5
 -Biophysical measurements: I plant water stress A-3, S-1
 -Impact of carbon dioxide, trace gases, and climate change on global agriculture A-3, A-5, A-6, C-3, S-1, S-3, S-5, S-6
- 1987 (Atlanta) -Seed moisture C-4
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 -Histological and physical factors influencing forage digestibility and intake C-3 C-6
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- 1986 (New Orleans) -Genetic enhancement of symbiotic nitrogen fixation: progress and projects C-1, S-3
 -Modeling linkages between agronomy and other disciplines A-3, C-3, C-4, C-6, S-1, S-4, S-6
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 -Targets of opportunity for biotechnology in crop improvement C-1, C-7
 -Root growth C-5, C-3, S-6
 -The use of regenerated plants for crop improvement C-7, C-1
- 1985 (Chicago) -Humic substances research related to soil and crop science I, II S-3, S-2, S-4, S-5, S-7, A-1, A-5, C-3
 -Reproductive abscission in agronomic crops
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 -Physiological-pathological interactions affecting seed deterioration C-4
- 1984 (Las Vegas) -Carbon transport under water stress I, II A-3

-Plant biotechnology: I tissue culture derived genetic materials C-1, C-3, C-4, C-6
-Physiology of seed deterioration C-4
-Chloride S-4

1983 (Washington, D.C.) -Seed growth and development C-4
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-Carbon dioxide, climate and agriculture A-3, S-1

1982 (Anaheim) -Interdependence of photosynthesis and nitrogen metabolism
-Roots, nutrient and water influx, and plant growth S-4, S-2

1981 (Atlanta) -Genetic tolerance to soil stress conditions II A-6, A-3 C-1, C-3, S-3, S-4, S-6
-Long distance transport of assimilates
-Exploiting legumes for enhanced dinitrogen fixation S-3, C-1

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Chairs and Division Board of Director Representatives

<u>Year</u>	<u>Chair</u>	<u>Board Rep.</u>	<u>Year</u>	<u>Chair</u>	<u>Board Rep.</u>
1947	C.J. Willard		1981	J.G. Streeter	R.H. Brown
1948	R.L. Lovvorn		1982	D.W. Rains	H.F. Hodges
1949	H.L. Ahlgren		1983	T.R. Sinclair	H.F. Hodges
1950	H.A. McDonald		1984	C.J. Nelson	H.F. Hodges
1951	H.L. Ahlgren		1985	R. Shibles	G.H. Heichel
1952	V.G. Sprague		1986	W.R. Jordan	G.H. Heichel
1953	R.E. Blaser		1987	C.P. Vance	G.H. Heichel
1954	D. Smith		1988	J.H. Thorne	R. Shibles
1955	M.L. Peterson		1989	K.J. Boote	R. Shibles
1956	W.K. Kennedy		1990	D.G. Blevins	R. Shibles
1957	R.E. Wagner		1991	R.J. Jones	J.E. Harper
1958	M.A. Sprague		1992	P. Chevalier	J.E. Harper
1959	H.M. Laude		1993	J.J. Volenec	J.E. Harper
1960	D.F. McAlister		1994	S.E. Lingle	R.J. Jones
1961	D.E. McCloud	D.F. McAlister	1995	W.W. Wilhelm	R.J. Jones
1962	M.B. Tesar	D.F. McAlister	1996	D.M. Vietor	R.J. Jones
1963	R.E. Blaser	D.F. McAlister	1997	D.M. Oosterhuis	J.M. Bennett
1964	R.J. Bula	R.E. Blaser	1998	D.P. Knievel	J.M. Bennett
1965	R.H. Hageman	R.E. Blaser	1999	M.E. Westgate	J.M. Bennett
1966	S.R. Anderson	R.E. Blaser	2000	T.J. Gerik	D.M. Vietor
1967	M.R. Teel	D.E. McCloud	2001	M. Tollenaar	D.M. Vietor
1968	W.A. Jackson	D.E. McCloud	2002	R.H. Skinner	D.M. Vietor
1969	M.A. Massengale	D.E. McCloud	2003	B. Bugbee	W.W. Wilhelm
1970	F.A. Haskins	R.H. Hageman	2004	G.S. McMaster	W.W. Wilhelm
1971	J.D. Eastin	R.H. Hageman	2005	R. Wells	W.W. Wilhelm
1972	R.H. Brown	R.H. Hageman	2006	W.T. Pettigrew	T.J. Gerik
1973	J.A. Eastin	D.N. Moss	2007	M.B. Kirkham	T.J. Gerik
1974	H.F. Hodges	D.N. Moss	2008	D.L. Rowland	T.J. Gerik
1975	W.G. Dunkan	D.N. Moss	2009	B. Martin	R. Wells
1976	G.E. Carlson	C.J. Nelson	2010	J.J. Heitholt	R. Wells
1977	T.B. Daynard	C.J. Nelson	2011	M. Balota	R. Wells
1978	D.A. Holt	C.J. Nelson	2012	J. White	L. Purcell
1979	L.E. Schrader	R.H. Brown	2013	H. Earl	L. Purcell
1980	G.H. Heichel	R.H. Brown	2014		L. Purcell

*This information was graciously compiled and provided by Howard Skinner and Greg McMaster with the USDA-ARS.