



PRESIDENT'S MESSAGE

As I write this, I hope that all of you are celebrating the holidays with family and friends. We all have many reasons to be thankful and I hope that you have all taken the opportunity to be grateful and are looking forward to a great 2019. Our meeting plans for the 59th Annual WSSA meeting in New Orleans, Louisiana are coming together. The meeting will be held February 11–14, 2019 at the Sheraton New Orleans. Larry Steckel, our program chair and President-Elect, is finalizing a great program that will run the gamut of extension, research, and education activities in weed science. Dr. Steckel is working closely with Eric Webster, who is serving as our local arrangements chair, and Eric Gustafson, our Executive Secretary, to finalize activities and events. These folks have plentiful events and tours available to enjoy the city and we look forward to what New Orleans has to offer. Symposia are going to be plentiful once again this year and the topics include:

- Herbicide resistant weeds in turf, ornamentals, and nursery crops
- Weed seed in grain samples and trade
- Integrated weed management to address weed resistance
- Weather and environment: Understanding basics to address off-target movement
- Agricultural regulations as affected by urbanization of a country
- Herbicide banning: An international forum
- Teaching workshop

We have another full slate of presentations with close to the same numbers that we had in Arlington last year. It appears that we have nearly 100 contest papers that will showcase our M.S. and Ph.D. students. Clearly our future is bright for our discipline.

We have a few changes on some of our committees and leadership roles. Our Science Policy Committee will be changing leadership this year. Past President Janis McFarland has agreed to chair this important committee as Donn Shilling rotates off after a long and successful reign in that role. Thanks for all of your leadership, Donn. Jim Kells has begun his work as NIFA Fellow. Jim has made contacts and has a substantial amount of work planned for 2019. We are putting

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SEE YOU IN
NEW ORLEANS
FEBRUARY 11-14

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together an advisory committee to provide guidance for the NIFA Fellow position in the future. Paul Tseng has agreed to be our WSSA representative to the Technical Advisory Group (TAG) Biological Control Agents of Weeds (BCAW). The mission of TAG-BCAW is to facilitate biological control of weeds in North America by providing guidance to researchers and recommendations to regulating agencies for or against the release of non-indigenous biological control agents, based on considerations of potential non-target impacts and conflicts of interest. Thanks to Paul for accepting this appointment and we look forward to working with him.

Last year, President McFarland reported that WSSA is in sound fiscal shape and is well positioned for continued success to accomplish its mission and meet the goals set out in the 5-year strategic plan. Nothing has changed from last year's report. Our Finance Committee Chair and Treasurer, Phil Banks, has done some excellent work in concert with our executive secretary, Eric Gustafson, to put ourselves in a strong financial position for the future.

I have been truly inspired by all that the society membership continues to do through their sense of volunteerism. As president, I have been able to witness firsthand the type of commitment that many of you continue to provide. In particular, the WSSA Board of Directors have had an active year and you have been great to work with. Carroll Moseley has also done a great deal to advance our public relations as chair of the committee. Thanks, Carroll, for all of your great work. Once again, our Executive Director of Science Policy, Lee Van Wychen, has had a tremendous responsibility this past year with all of the activities attached to his role and the ever-changing political landscape. Thanks, Lee, for all that you do. Our past president, Janis McFarland, has been wonderful to work with and a tireless volunteer and advocate for our society. Thank you, Janis, for your friendship and service.

It has truly been an honor and a privilege to serve as the President of the WSSA this past year. I will soon be passing the gavel to our President-Elect, Larry Steckel. Larry has been another tireless advocate for weed science and I am certain that he will lead us in the most positive and productive ways in 2019. I look forward to seeing you at our annual meeting in New Orleans and I wish you a healthy and successful New Year!

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2019 Annual Meeting

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WSSA FUTURE MEETING SITES AND DATES

Feb. 11-14, 2019

59th Annual Meeting

Sheraton New Orleans Hotel

New Orleans, Louisiana

Larry Steckel, Chair

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www.wssa.net

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THINK NEWSLETTER

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SEND NEWSLETTER

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WASHINGTON REPORT

by Lee Van Wychen, Director of Science Policy

EPA RE-REGISTERS DICAMBA THROUGH 2020

On October 31, EPA extended the registration of Xtendimax with Vaporgrip, Engenia, and Fexapan through December 20, 2020. Details are at: <https://www.epa.gov/ingredients-used-pesticide-products/registration-dicamba-use-dicamba-tolerant-crops>

New Dicamba Product labels: Xtendimax with Vaporgrip (Updated since November 1, 2018), Engenia, & Fexapan.

Dicamba federal register documents: EPA has also posted several documents on the regulations.gov website pertaining to dicamba: <https://www.regulations.gov/docket?D=EPA-HQ-OPP-2016-0187>. Under “Supporting Documents” there are two documents: 1) **Dicamba Pesticide Use Limitation Areas – County list;** and 2) **The Scientific Basis for Understanding the Off-Target Movement Potential of Xtendimax**, which is a 46 page document from Monsanto that explains why (a) vapor drift occurring due to volatilization should not result in impacts off the treated field; and (b) spray drift will not occur past the label’s required buffer distances in amounts that would have an adverse effect on plant height. Also, under the “Comments Section,” there is a post from October 31, 2018 titled **“Dicamba 2018 Comments,”** which is 553 pages of documents that EPA received from stakeholders asking them to re-reregister, not re-register, etc.

Dicamba lawsuit: The National Family Farm Coalition, Center for Food Safety, Center for Biological Diversity (CBD) and Pesticide Action Network (PAN) North America filed a lawsuit against EPA in 2017 claiming

that the 2016 registration of the three new dicamba herbicides violated the Endangered Species Act and FIFRA. See **“Ninth Circuit Dicamba Battle”** for more details. If the Ninth Circuit Court of Appeals rules in favor of the plaintiffs, EPA would have to suspend the registration of the three new dicamba products. A decision may not occur until this coming spring, but could happen in the coming weeks.

FARM BILL AGREEMENT REACHED

The House voted 369–47 on Dec. 12 to pass the 2018 Farm Bill, after the Senate approved it 87–13 the day before. It is now headed to the desk of the President, who is expected to sign it. The measure is divided up into 12 titles. Title VII reauthorizes a number of important USDA research programs including the Agriculture and Food Research Initiative (AFRI), the Specialty Crop Research Initiative (SCRI) and the Organic Agriculture Research and Extension Initiative (OREI). Under SCRI, language was added to focus specialty crop research on “emerging and invasive species,” efforts to achieve a better understanding of “pesticide application systems and certified drift-reduction technologies,” and “mechanization and automation of labor-intensive tasks in production and processing.” Funding for AFRI and SCRI will remain at previous levels, while mandatory funding for OREI was significantly bumped up and will reach \$50 million per year by FY 2023. Another major reauthorization and victory for the ag research community was funding for the Foundation for Food and Agriculture Research (FFAR) at \$185 million. The Farm Bill also re-establishes a

competitive grants programs for the acquisition of research equipment for use in food and agricultural sciences programs that was not available in the previous Farm Bill. It stipulates grant amounts may not exceed \$500,000 to an eligible institution and authorizes \$5 million for each of fiscal years 2019 through 2023.

There were a number of regulatory fixes in the House Farm Bill that unfortunately did not make it into the final compromise agreement between the House and Senate. This included no legislative fix for the duplicative National Pollutant Discharge Elimination System (NPDES) program permits, no to the recognition and role of State lead agencies in restricting the authority of a political subdivision of a State to regulate a pesticide beyond the federal limits, no to passage of the Pesticide Registration Improvement Act (H.R. 1029), and no to the Congressional repeal of the 2015 Waters of the United States (WOTUS) rule. There was a provision in the House version that provided legislative guidance to streamline the FIFRA-Endangered Species Act (ESA) consultation process, which is in major need of repair. While that language did not make it in the compromise agreement, the Farm Bill did create a “FIFRA Interagency Workgroup” that will be composed of reps from USDA, Interior, Commerce, EPA and the Council on Environmental Quality that will “provide recommendations regarding, and to implement a strategy for improving, the consultation process required under section 7 of the Endangered Species Act of 1973 for pesticide registration and registration review.” In carrying out these duties,

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the Farm Bill directs this interagency workgroup to “consult with representatives of interested industry stakeholders and nongovernmental organizations.”

Other items of interest to weed science stakeholders that made it into the final version of the 2018 Farm Bill included the approved use of “Categorical Exclusions” by the Forest Service and Bureau of Land Management for invasive weed control for the purpose of Sage Grouse and Mule Deer habitat restoration as well as to the legalization of the commercial cultivation and sale of industrial hemp, including \$2 million per year for research on “agronomic rotational purposes” of alternative crops such as hemp. Finally, the Farm Bill also establishes a USDA pilot program that shall be known as the Agriculture Advanced Research and Development Authority (AGARDA) to carry out advanced research and development. The goals of AGARDA are “to develop and deploy advanced solutions to prevent, prepare, and protect against unintentional and intentional threats to agriculture and food in the United States; to overcome barriers in the development of agricultural technologies, research tools, and qualified products and projects that enhance export competitiveness, environmental sustainability, and resilience to extreme weather; to ensure that the United States maintains and enhances its position as a leader in developing and deploying agricultural technologies, research tools, and qualified projects and products that increase economic opportunities and security for farmers, ranchers, and rural communities; and to undertake advanced research and development in areas in which industry by itself is not likely to do so because of the technological or financial uncertainty.” It will have its own director and be funded at \$50 million per year through FY 2023.

FIVE OF 12 APPROPRIATIONS BILLS APPROVED, BUT NOT AG, INTERIOR OR EPA

Five of the 12 FY 2019 appropriations bills have been completed. These include: 1) Military Construction and Veterans Affairs; 2) Energy and Water; 3) the Legislative Branch; 4) Labor, Health and Human Services, and Education; and 5) Defense. However, Congress still must approve the following seven FY 2019 appropriations bills: 1) Agriculture; 2) Commerce, Justice, and Science; 3) Financial Services; 4) Homeland Security; 5) Interior and Environment; 6) State and Foreign Operations; and 7) Transportation and Housing and Urban Development (T-HUD).

Congress did approve a continuing resolution (CR) that will keep the federal government funded through December 21, 2018. It seems likely that Congress and the President will not reach an agreement on funding for a border wall, thus the federal agencies that currently do not have approved FY 2019 funding (i.e. USDA, Interior, EPA) will shut down after Dec. 21, while agencies that already have approved FY 2019 appropriations (i.e. Defense, Education, Labor, Army Corp of Engineers) will not be affected. Lawmakers had hoped to bundle the Agriculture, Interior-Environment, T-HUD and Financial Services bills into one minibus package, but progress ground to a halt due to differences between the House and the Senate on specific funding levels and certain policy riders.

USDA AG RESEARCH LEADERSHIP ALMOST IN PLACE

USDA Secretary Sonny Perdue swore in Dr. J. Scott Angle as the Director of the National Institute of Food and Agriculture (NIFA) on October 29. The White House appointed Angle for a six-year term at the agency on

August 31. Dr. Angle was most recently President and CEO of the International Fertilizer Development Center (IFDC). He worked for 24 years as a professor of soil science and administrator for the Maryland Agricultural Experiment Station and Maryland Cooperative Extension at the University of Maryland. He also served as Dean and Director of the College of Agricultural and Environmental Sciences at the University of Georgia for 10 years.

Dr. Scott Hutchins had his Senate nomination hearing on November 28 and is awaiting final confirmation by the Senate for his role as chief scientist and USDA Under Secretary for Research, Education and Economics. He was the Global Head of Integrated Field Sciences for Corteva and is an entomologist by training. He will oversee the operations of USDA-ARS, NIFA, NASS, and possibly ERS.

USDA-ARS WEED SCIENCE UNDER REVIEW

The National Program Leader (NPL) overseeing weed science programs within the ARS’s National Program 304 (NP 304) Crop Protection and Quarantine, Dr. Rosalind James, has resigned from that position and is now the ARS Associate Area Director for the Northeast Area. We expect USDA to hire a new NPL to oversee weed science and we would definitely like this person to be a weed scientist. In addition, USDA-ARS NP 304 is undergoing review and seeking input to help develop a new 2018–2022 five-year Action Plan. Crop Protection and Quarantine stakeholders are invited to an all-day workshop on February 6, 2019. For background information regarding NP 304, see:

<https://www.ars.usda.gov/crop-production-and-protection/crop-protection-and-quarantine/>.

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The workshop will present highlights from NP 304's accomplishments during the last five years, and the results of a recent Retrospective Review of this National Program's performance.

USDA-NIFA MOVE FROM DC

In August, USDA announced that NIFA and ERS would be moving from D.C. While the new location for the agencies has yet to be determined, the timeframe for the move is expected to occur by the end of 2019. USDA's announcement of intent to move the agencies has garnered many concerns from the agricultural research community, including WSSA. However, the Science Policy Committee has not reached a consensus on whether to support or oppose the move. WSSA did submit a letter to USDA Secretary Perdue with some concerns and questions. In October, USDA received 136 "expressions of interest" from various institutions and cities in 35 states to be the new host location for NIFA and ERS.

ALEXANDRA DAPOLITO DUNN ON TRACK FOR EPA'S TOP CHEMICAL SAFETY SPOT



Ms. Dunn cleared her Senate confirmation hearing on November 29 to lead EPA's Office of Chemical Safety and Pollution Prevention (OCSPP), which oversees the Office of Pesticide Programs (OPP). She is awaiting a final confirmation vote by the Senate. She is an environmental lawyer and law professor specializing in water quality issues. Alexandra was the Regional Administrator for EPA Region 1 (Northeast U.S.) and prior to that, served as executive director and general counsel for the Environmental Council of States (ECOS) as well as the Association of Clean Water Administrators.

EPA AND ARMY PROPOSE NEW WOTUS DEFINITION

On December 12, the EPA and the U.S. Army Corp of Engineers (the agencies) proposed a new definition of "waters of the United States" (WOTUS) in an attempt to provide clarity, predictability and consistency so that the regulated community can easily understand where the Clean Water Act applies—and where it does not. Under the agencies' proposal, traditional navigable waters, tributaries to those waters, certain ditches, certain lakes and ponds, impoundments of jurisdictional waters, and wetlands adjacent to jurisdictional waters would be federally regulated. It also details what are not "waters of the United States," such as features that only contain water during or in response to rainfall (e.g., ephemeral features); groundwater; many ditches, including most roadside or farm ditches; prior converted cropland; stormwater control features; and waste treatment systems.

The agencies' proposal is the second step in a two-step process to review and revise the definition of WOTUS consistent with the President's February 2017 Executive Order, which states that it is in the national interest to ensure that the nation's navigable waters are kept free from pollution, while at the same time promoting economic growth, minimizing regulatory uncertainty, and showing due regard for the roles of Congress and the states under the Constitution.

The agencies believe this proposed definition appropriately identifies waters that should be subject to regulation under the Clean Water Act while respecting the role of states and tribes in managing their own land and water resources. States and many tribes have existing regulations that apply to waters within their borders, whether or not they are considered "waters of the

United States." The agencies' proposal gives states and tribes more flexibility in determining how best to manage their land and water resources while protecting the nation's navigable waters as intended by Congress when it enacted the Clean Water Act.

The agencies will take comment on the proposal for 60 days after publication in the Federal Register. EPA and the Army will also hold an informational webcast on January 10, 2019, and will host a listening session on the proposed rule in Kansas City, KS, on January 23, 2019. More information is at: <https://www.epa.gov/wotus-rule>.

LOHR APPOINTED NRCS CHIEF



USDA Secretary Sonny Perdue announced on December 3 that Matt Lohr, a former lawmaker from Virginia and former state agriculture commissioner, will be leading the Natural Resources Conservation Service (NRCS) at the USDA. In his role, Lohr will provide leadership for NRCS and its mission to support America's farmers, ranchers, and forest landowners in their voluntary conservation efforts through a network of over 3,000 offices in communities nationwide. Lohr owns and operates Valley Pike Farm, Inc. in Virginia. He held public office, serving in the Virginia House of Delegates from 2006–2010 and then served as Virginia's Commissioner of Agriculture and Consumer Services from 2010 to 2013. More recently, Lohr worked as Knowledge Center Director for Farm Credit of the Virginias, a customer-owned financial cooperative that provides resources and education outreach to local farmers and the community.

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USDA ANNOUNCES UPDATE TO NATIONAL IPM ROAD MAP

On October 24, USDA announced the first update since 2013 of the [National Road Map for Integrated Pest Management \(IPM\)](#). The update culminates a yearlong review by the [Federal Integrated Pest Management \(IPM\) Coordinating Committee \(FIPMCC\)](#), a joint effort that is coordinated by the Office of Pest Management Policy (OPMP) in the Office of USDA's Chief Economist with representatives of all federal agencies with responsibilities in IPM research, implementation, or education programs. These agencies include EPA, Interior, and Department of Defense. The National Road Map for IPM was first introduced in 2004 and is periodically updated to reflect the evolving science, practice, and nature of IPM. One very welcome update in the Road Map is the recognition of the role of pesticide safety education in IPM.

NATIONAL INVASIVE SPECIES AWARENESS WEEK (NISAW): FEBRUARY 25–MARCH 1, 2019

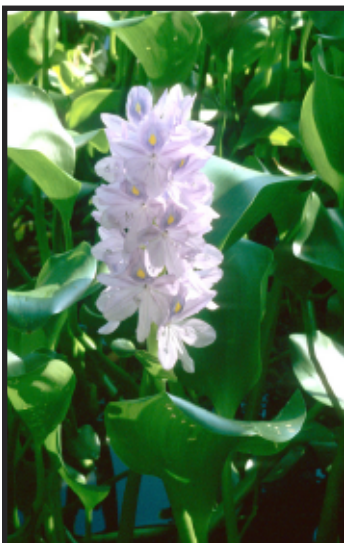
This is the 20th year of national invasive species awareness events occurring. For the first time, we're looking at two additional NISAW events, one in April dealing with policy issues and one in June that will be "NISAW in the Field" for state and local organizations to host public hands-on invasive species management events. If you are interested in helping, please let me know!

NATIONAL SURVEY OF COMMON AND TROUBLESOME WEEDS

The 2018 survey results for weeds in aquatic and non-crop areas is posted at <http://wssa.net/wssa/weed/surveys/>. The most troublesome weed in the three aquatic areas was hydrilla and most troublesome in the four non-crop areas was cogongrass. Not surprisingly, both those weeds are on

the federal noxious weed list. What was surprising is that hydrilla was also the most common aquatic weed in the U.S. What can APHIS do to help get these weeds under control? Likewise, cogongrass is listed as the 6th most common non-crop weed. The most common non-crop weeds are the *Bromus spp.*, in particular downy brome (cheatgrass). The 2019 weed survey will focus on weeds in broadleaf crops, fruits and vegetables.

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NECROLOGY

ARNOLD APPLEBY **1935 – 2018**

Arnold Appleby was born on October 24, 1935, raised on a farm near Formoso, KS, and died on December 6, 2018 at age 83 in Corvallis, OR. He received the B.S. in Agricultural Education in 1957 and M.S. in Agronomy in 1958 from Kansas State University. After teaching math and biology at Bazine High School in Kansas, he joined the faculty in Farm Crops at Oregon State University in 1959. He received the Ph.D. in Weed Science at OSU in 1962 and spent two seasons at the Pendleton Branch Experiment Station conducting weed research. He then returned to Corvallis where he was associate project leader under W. R. Furtick. In 1969, the project was divided and Furtick headed up the international work while Appleby became project leader of the domestic research. He began teaching the beginning weed control course and herbicide science course in 1965 and continued until his retirement in 1992, plus three more years post-retirement. This involved nearly 2,000 students over the 30 years.



Appleby was active in both the Weed Science Society of America and the Western Society of Weed Science. He served two terms as WSSA Secretary, and was elected Vice-President in 1974. He was forced to resign because of serious experimental eye surgery, from which he eventually recovered. He was named the Outstanding Teacher in 1971, Fellow in 1976, and Outstanding Researcher in 1983.

In WSWS, he was elected to the offices from Secretary through Past President. He was named Fellow in 1976 and Outstanding Weed Scientist in 1991. He also was named Fellow in the American Society of Agronomy and the Crop Science Society of America. He served as Associate Editor for both *Weed Science* and *Agronomy Journal*.

On campus, he was named Teacher of the Year in Crop Science three times, received the R. M. Wade Award as Outstanding Teacher in the College of Agriculture, won three Distinguished Professor awards, and won several Distinguished Service awards from commodity groups and other organizations.

One part of his professional activities that he looked back with most pleasure was advising graduate students. He directed 44 M.S. programs and 30 Ph.D. programs. He maintained an e-mail address list with about 140 ex-OSU weed personnel, with whom he maintained correspondence until his death.

He authored several books, including the history of WSWS, WSSA, the OSU Crop Science Department, the OSU weed program, and the Agricultural Research Foundation.

Following retirement, he maintained an office in Crop Science and served as Building Manager. He was on the Board of Directors of the Agricultural Research Foundation and chaired the Competitive Grant Committee of that organization for 16 years. He was named Volunteer of the Year by the OSU Retirees Association. In 2001, he received the Distinguished Service award from Kansas State University. In 2009 he was named Diamond Pioneer at OSU, and in 2010, he was inducted into the OSU College of Agriculture Hall of Fame, the first on-campus faculty to be inducted in the 30-year history of the Hall.

Weed science was Appleby's life and he always held the hope that any impact of his on that profession was beneficial.

He is survived by his wife, Gerry, of Corvallis; two sons, Brian and Brent; two sisters and a brother; five grandchildren; and five great-grandchildren.





NECROLOGY

WILLIAM MAURICE PHILLIPS **1922 – 2018**

William Maurice (Bill) Phillips died December 2, 2018 at the age of 95. He was born December 4, 1922 at Newton, Kansas, the youngest of five children of S. Clayton and Minnie (Vesper) Phillips. He was preceded in death by his parents, three brothers and one sister, infant son Stanley Glenn and daughter Carol Jean Frye. Survivors include his wife Doris of the home, children Bob and Roya Phillips, Fullerton, CA, Don and Becky Phillips, Alexandria, VA, Roger and Sue Phillips, Rio Rancho, NM, seven grandchildren and four great grandchildren.



Both Bill and Doris were involved in many of their children's activities including Boy Scouts, Girl Scouts, 4-H, and church activities. Bill grew up on farms in Harvey County, Kansas. His primary schooling was in a one room rural school where he was often the only student in his grade. Beginning with the ninth grade he attended Newton High School where he graduated in 1940. He enrolled in Kansas State College (now University) in the fall of 1940. After completing two years of college he enlisted in the United States Army Air Forces in November 1942.

Following basic training he was assigned to Bombsight and Automatic Pilot Training School located at Lowry Field, Denver, Colorado. After completing the course, he became part of the original cadre of the 745th Bomb Squadron, 456th Bomb Group, 15th Army Air Forces. Most of the state-side training was at Muroc, California (near the site of the present Edwards Air Force Base). Late in 1943 the unit, which flew B-24 bombers, was sent to Italy. The squadron remained on the same field, located near Cerignola, until July 5, 1945. Bombing missions were flown to various targets in southern Europe and Germany. As a member of the ground crew, Bill was not involved in combat missions. He was in charge of bombsight and automatic pilot service and maintenance on the squadron's B-24 bombers. He reached the rank of Technical Sergeant and was awarded the Bronze Star medal. He returned to the U.S. in August 1945 and was honorably discharged.

After spending a short time with his parents in Harvey County Kansas, he returned to Manhattan to look for employment. (All classes at the University had already started.) When applying for a job at the Kansas Crop Improvement Association he met Doris Mead, Office Manager for the Association. He and Doris were married April 18, 1946. Following a few months' work, Bill enrolled at the University for the 1946 spring semester. He received his Bachelor of Science degree in 1947, enrolled in Graduate School and received his Master of Science degree in 1949. On February 1, 1948 he began working for the Agricultural Research Service, U.S. Department of Agriculture. He was located at the Fort Hays Branch, Kansas Agricultural Experiment Station, Kansas State University, Hays, Kansas, as a cooperative State-Federal employee doing research on methods of controlling weeds in field crops. This began a long career in weed control research that, except for a 10-month assignment on a brush control project at Spur, Texas, was spent at the experiment station at Hays. Because of a reduction in force of federal employees, Bill left federal service in 1973 and was employed by Kansas State University. His research was only slightly affected by this change.

In July 1976 he became Head of the Fort Hays Experiment Station and remained in that position until he retired in January 1985 with the academic rank of professor. During his career and following his retirement, Bill was recognized and honored for several achievements in weed control research and for developing improved farming practices using those research findings. His pioneering work in conservation tillage practices and weed control strategies in a winter wheat-grain sorghum-fallow cropping system for the Great Plains led to wide-spread acceptance of this farming system. This and

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NECROLOGY CONTINUED from pg 8

other research was documented by many technical and popular publications and presentations. He was a member or past member of several professional and honorary scientific organizations including the Weed Science Society of America, North Central Weed Science Society, American Society of Agronomy, Council for Agricultural Science and Technology, Sigma Xi, Gamma Sigma Delta, and Alpha Zeta.

In 2001 he wrote the 100-year history of the Agricultural Research Center-Hays (formerly called the Fort Hays Experiment Station). The history, published by Kansas State University, was presented as part of the Center's Centennial Celebration.

When Bill retired in January 1985 he and Doris moved to Manhattan where they enjoyed university, church, and community activities. They traveled extensively, both to visit family and to tour other parts of the world. They celebrated their 72nd wedding anniversary April 18, 2018. Both Bill and Doris were active in the Presbyterian Church. Bill was a ruling elder for many years in the church in Hays and served as Trustee, church treasurer, and on many church committees.

A memorial service celebrating Bill's life was held at 10:30 a.m. on Saturday, December 8 at the First Presbyterian Church in Manhattan with Rev. R. C. McConnell officiating. The family suggests that those who desire to memorialize Bill do so with gifts to the Music Guild Endowment Fund – First Presbyterian Church or a charity of their choice. Contributions may be left in care of the Yorgensen-Meloan-Londeen Funeral Home, 1616 Poyntz Avenue, Manhattan, Kansas 66502.

Online condolences may be left for the family through the funeral home website at www.ymlfuneralhome.com.



NECROLOGY

JOHN CLYDE BANKS **December 28, 2018**

Dr. John Clyde (JC) Banks passed away on December 28, 2018. JC was born in Southwest Oklahoma and was raised on a dry land cotton farm. He attended college at Cameron University in Lawton for a year or two. He received his BS, MS, and PhD degrees from Oklahoma State University.

He joined the Eli Lilly Company in 1974 and worked for them in Lubbock, McAllen, and Dallas, Texas. He then relocated to their headquarters in Indianapolis. JC became the Oklahoma Cooperative State Extension Cotton Specialist based out of Altus, Oklahoma. Upon retiring, JC and his wife moved to Creede, Colorado.

He served on several Southern Weed Science Society committees and was very active in the Beltwide Cotton Conference.

He is survived by his wife Renee, son Kenny and daughter Diana, and a brother and sister. Also surviving are two granddaughters, two grandsons, and one great grandson.



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CALENDAR OF UPCOMING EVENTS

DATE	EVENT	LOCATION	CONTACT
January 7–10, 2019	Northeastern Weed Science Annual Meeting (NEWSS)	Delta Hotels Baltimore, Maryland	www.newss.org
February 3–7, 2019	Southern Weed Science Society Annual Meeting (SWSS)	Renaissance Oklahoma City Convention Center Hotel Oklahoma City, Oklahoma	www.swss.ws
February 11–14, 2019	Weed Science Society of America Annual Meeting (WSSA)	Sheraton New Orleans Hotel New Orleans, Louisiana	www.wssa.net
March 11–14, 2019	Western Society of Weed Science Annual Meeting (WSWS)	Hyatt Regency Downtown Denver Denver, Colorado	www.wsweedscience.org
July 14–17, 2019	Aquatic Plant Management Society Annual Meeting (APMS)	Hilton Double Tree Mission Valley San Diego, California	www.apms.org
November 18–21, 2019	Canadian Weed Science Society Annual Meeting (CWSS)	Delta Hotel Kelowna, British Columbia	www.weedscience.ca
December 9–12, 2019	North Central Weed Science Society Annual Meeting (NCWSS)	Hyatt Regency Hotel Columbus, Ohio	www.ncwss.org

Additional Weed Science Meetings and Events can be found at <http://wssa.net/meeting/calendar-of-meetings/>

THINK NEWSLETTER
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