

2010 Annual Report of State Agriculture in the Classroom Programs

44 States Reporting

National Agriculture in the Classroom Conference

Fort Lauderdale, Florida

June 21, 2011

Table of Contents


AITC Consortium Slides	1-4
Alabama	5
Alaska	6
American Samoa.....	No Report
Arizona	7-8
Arkansas	9
California	10-11
Colorado.....	12
Connecticut.....	13-14
Delaware (2009 Report)	15
District of Columbia (2007 Report).....	16
Florida	17
Georgia.....	18
Guam	No Report
Hawaii (2006 Report).....	19
Idaho	20
Illinois	21-22
Indiana.....	23
Iowa.....	24-25
Kansas	26-27
Kentucky	28-29
Louisiana	30-31
Maine.....	32
Maryland.....	33-34
Massachusetts (2009 Report).....	35-36
Michigan	37-38
Micronesia.....	No Report
Minnesota	39
Mississippi (2008 Report)	40
Missouri	41-42
Montana	43-44
Nebraska.....	45-46
Nevada	47
New Hampshire	48
New Jersey.....	49
New Mexico	50
New York.....	51-52
North Carolina	53
North Dakota	54
Northern Marianas	No Report
Ohio	55
Oklahoma	56-57
Oregon.....	58
Pennsylvania.....	59
Puerto Rico	No Report
Rhode Island.....	60
South Carolina (2009 Report)	61
South Dakota	62
Tennessee	63
Texas	64-65
Utah.....	66-67
Vermont (2004 Report)	68
Virginia	69-70
Washington.....	71-72
West Virginia.....	73
Wisconsin.....	74-75
Wyoming	76




AITC 2010 State Reports
 44 States Reporting
 Debra Spielmaker, Director
 Utah Agriculture in the Classroom
 June 2011

2010 Report Background

- State reports assist state Agriculture in the Classroom directors, Consortium leaders, USDA staff and researchers with annual benchmark data concerning program demographics, funding, and curricula offerings. This data will be analyzed in 2011 for trends.




It's cool to do a state report!




Question 1

- Please list, by title, any classroom resources (instructional units, CDs, DVDs, maps, posters, etc.) that were developed or revised by your AITC program staff this past year (2010). This question captures AITC state resource data for the National Resource Directory.
 - 39 states reported they had developed resources in 2010, 89% (38 states in 2009, 90%)



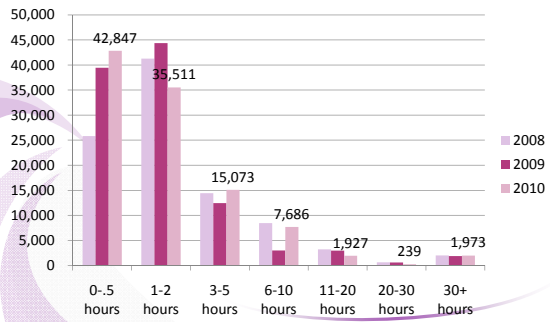
Question 2

- If you listed resources for question 1, were the resources aligned or correlated to state or national education standards?
 - 22 said: All (two more than 2009)
 - 11 said: Most (same as 2009)
 - 3 said: None (same as 2009)



Question 3

Estimated number of teachers contacted/trained face-to-face statewide with AITC programs, curriculum, or other resources, 2008-2010.



Some of the faces...



Some of the faces...



Some of the faces...

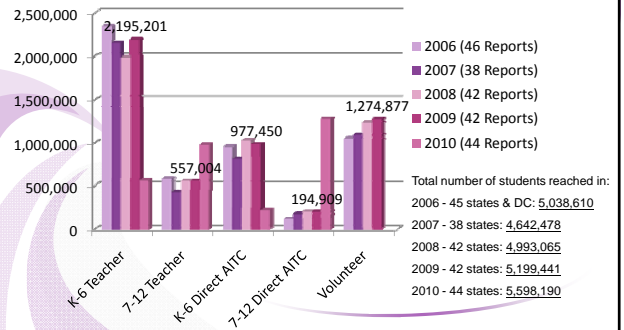


Some of the faces...



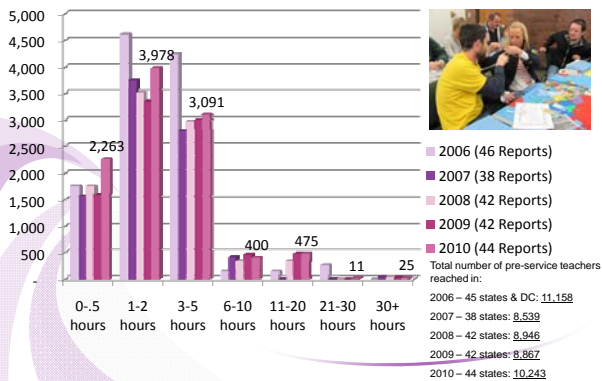
Questions 4, 5, & 7

The estimation of the number of students reached statewide through their teachers, directly through AITC staff, and volunteers with AITC programs, curriculum, or other resources.



Question 8

Number of pre-service teachers contacted or trained with AITC.



Question 10

Funding sources for state AITC budgets. Figures do not include one-time grants; no state receives direct federal dollars outside of a grants.

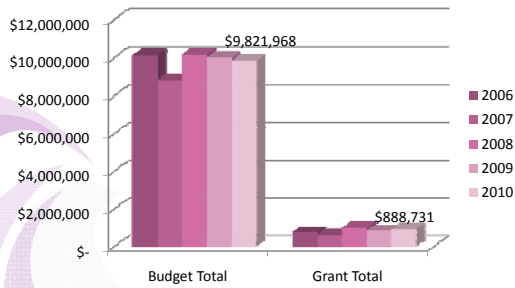
- ▶ 20 (45%) reported 100% private funding (48% in 2009)
- ▶ 21 (48%) reported state and private funding (45% in 2009)
- ▶ 12 states receive 25% or more of their budget from state funds. Range: 1% - 100%, NY & RI reported 100% state funding. (11 states in 2009)
- ▶ 3 states reported they received 1%-5% federal funds (5 states in 2009)



Show me the money!

Questions 9 & 11

Total AITC annual budgets and grant dollars for
 2006 (46 Reports, 32 received grants)
 2007 (38 Reports, 22 received grants)
 2008 (42 Reports, 28 received grants)
 2009 (42 Reports, 21 received grants)
 2010 (44 Reports, 26 received grants)



Budget Range 2009: \$0- \$2,276,602 Grant Range 2009: \$0- \$185,000
 Budget Range 2010: \$0- \$2,260,063 Grant Range 2010: \$0- \$195,000

Question 12

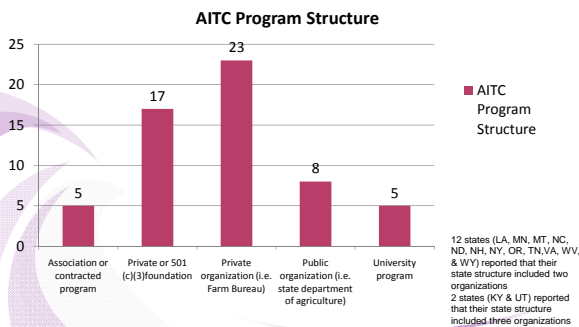
Prioritize and rank areas where you would like more professional development with "1" being your highest priority.

1. Survey and evaluation tools
2. Online course development
3. Current issues in education (i.e. Common Core Standards, federal initiatives, STEM education)
4. Technology use in classrooms
5. Lesson plan development
6. Grant writing
7. Workshop design and development
8. Web 2.0 productivity tools
9. Website development
10. Curriculum mapping
11. Social networking
12. Pedagogy



Question 13

How is your state AITC/agricultural literacy program structured or organized? Check all that apply.



Accomplishments and Impacts

- **Accomplishment (output):** achieving the completion or fulfillment of something
- **Impact (outcome):** to have an immediate and strong (measurable) effect on something or somebody (related to program goals or objectives)
- To see state accomplishments and impacts, see the *Year End Report Narrative*; visit <http://www.aqclassroom.org/consortium/reports.htm>



Alabama 2010 Report

Classroom Resources

None Reported for 2010

Major Program Accomplishments or Outputs

The Alabama AITC programs major accomplishments during 2010 included a Summer Institute, lasting three days. The agenda for the workshop included original materials designed for classroom teaching, field trips to farms and agribusiness enterprises, and on-the-scene visits with farmers and agricultural leaders. In addition, Alabama AITC was a sponsor of student Day at the National fair as well as co-sponsor of the annual statewide Farm-City poster contest, a Farm-City calendar, featuring the winning posters. Instructional materials designed by Alabama AITC teachers are provided to classroom teachers and home school programs free of charge. A website of current information concerning Alabama AITC activities is being redesigned.

Major Program Impacts or Outcomes

Fifteen Agricultural Field/Education Days were held across our state as a result of Ag in the Classroom In-services and workshops.

800 teachers were provided AITC materials and curriculum through statewide trade show events

15,000 kindergarten through sixth grade students received agricultural classroom instruction through hands-on activities during the school year.

80% of teachers who attended the AITC summer institute located the applications through the AITC web-site and plan to visit the web-site on a regular basis for additional curriculum and updates.

Thirty teachers applied for AITC mini-grants during the Fall and Spring to fund their hands on learning experiences in their classroom.

Biosketch

State Contact: Ms. Kim Earwood; aitc@agi.alabama.gov

I serve as the Alabama Ag in the Classroom Steering Committee Chairman. I received B.S. and Master's Degrees in Home Economics and have worked in the Agriculture sector the past 19 years with the Cooperative Extension System as a 4-H Agent and the Alabama Farmers Federation as the Women's Director. I have served on the Alabama Ag in the Classroom Steering Committee for 6 years.

Alaska 2010 Report

Classroom Resources

Hopeful Harvest, a history of Alaska agriculture, is completely finished at last, along with a companion DVD of lesson plans. It is designed for middle to high school use. The video can be seen at <http://www.alaskafb.org/~akaitc/HopefulHarvest-movie.html>.

We have also reorganized our K-12 Lesson Plan and Activity CD to better reflect standards and focuses by grade level, as well as adding about 20 lessons to the CD.

Major Program Accomplishments or Outputs

Completing Hopeful Harvest DVDs, despite setbacks.

Major Program Impacts or Outcomes

Trained 20 teachers during two, three-day ag educator institutes. Attendees were enthusiastic and excited about the program.

Interacted with state legislators to raise awareness of the AITC program and develop interaction with about 6 specific lawmakers.

Participated in two new groups to improve ag literacy outreach to teachers.

Generated another 30-plus lesson plans on Alaska agriculture through the efforts of trained teachers completing their for-credit course work.

Elevated success of Alaska Agriculture Day (first Tuesday of May) with major outreach efforts in three distinct areas of the state, and other smaller efforts in other areas.

Biosketch

State Contact: Ms. Victoria Naegele; akaitc@alaskafb.org

Associate degree in Natural Resources Technology; Bachelor of Science degree in Agriculture and Natural Resources Communications; 28 years of experience in journalism and public relations; five years of experience substitute teaching; executive director of Alaska AITC since 1998.

Arizona 2010 Report

Classroom Resources

Dairy Curriculum Kit developed by AZ Farm Bureau.

Major Program Accomplishments or Outputs

Cooperative Extension has expanded its Agricultural Literacy efforts. Five counties and one research farm are conducting programs and reporting their efforts to the state contact.

Twentieth Annual Summer Agricultural Institute was held for 20 educators with help from 78 volunteers giving 350 hours of service. Fifteen thousand dollars from 30 agribusinesses and organizations funded the five-day Institute that traveled through four counties. The Food, Land & People curriculum and Arizona Specialty Crop Lessons are provided for free to the participants.

Maricopa County Farm Bureau continued its investment in the program but approved the development of an on-line course instead of continuing to train volunteers since AZFB is coordinating volunteer classroom presentations.

Volunteers read in 220 classrooms to 4300 primary students during Arizona Agricultural Literacy Days.

A partnership has been formed with Western Growers Association to coordinate six-hour workshops for their Gardening With Children grant recipients and a Specialty Crop Grant was awarded to have these trainings each summer for the next three years.

On going meetings have been held with Science Curriculum Coordinators to begin implementing Professional Development opportunities for their faculty.

Coordinated the education area for AZ Agriculture Day with 3000 visitors.

Funding cuts have reduced 1.5 FTE to .65 FTE in the Ag Literacy program.

Acquired funding to expand classroom space for the Faul Ag-Village at UA's Maricopa Ag Center where 8000 students receive 2 hours of hands-on education.

Mohave County combines the basics of botany, horticulture, soil science, water conservation and food science in its education program.

Two 4-H School Enrichment Clubs in Mohave County were able to utilize the Extra Curricular Activity funds to implement in-ground gardens.

Mohave County receives funding from the County School Superintendent and the community to expand the school garden program.

Major Program Impacts or Outcomes

The assessment for the In the Field With AZ Agriculture event demonstrated that answers to 22 out of 24 knowledge based questions were statistically significant. This means the 900 students answered the questions more correctly, the increased ability to do so was substantial and it was directly attributable to what they learned at the event.

The students' likelihood of choosing to eat a fruit and asking their parents to provide fruit for them to eat increased substantially due to their participation in the In the Field With AZ Agriculture event.

100% of Summer Ag Institute participants rated the Institute as more valuable than other in-service programs and said it will make a significant difference in the way they present agriculture concepts in their classroom curriculum.

Research showed 100% of teachers trained by AITC used lessons in their classroom after attending training, especially when prompted by suggested lessons in the newsletter.
100% of participants in workshops demonstrate their understanding of the lessons as well as an increase in agriculture knowledge as they work in teams to teach a lesson of their choice prior to completion of the workshop.

61% of participating teachers reported including additional lessons and activities in their classrooms after the UA Maricopa Ag Center Farm Ag-Ventures Program.

92% of the participants involved in the UA Maricopa Ag Center Farm Ag-Ventures Program reported learning 2 - 4 agricultural facts during the program.

Biosketch

State Contact: Monica Pastor; mpastor@cals.arizona.edu

Monica Pastor is a University of Arizona faculty member and is Director of the University of Arizona Cooperative Extension, Maricopa County office. She is an Associate Agent, Ag and Natural Resources with an emphasis on Agricultural Literacy. Monica has a Bachelor of Science in Agricultural Economics and a Master's in Education.

She works closely with the 15 members of her Ag Literacy Advisory Committee in administering a research-based, scientifically accurate program that utilizes current education pedagogy.

Monica has been involved with Ag in the Classroom since her tenure as a Fieldman and Director of Field Services with the Arizona Farm Bureau. When she became Executive Director of the Maricopa County Farm Bureau the Ag in the Classroom program was a priority directive from her volunteer Board. She was instrumental in coordinating meetings of the agriculture community to discuss education efforts by each of the agriculture organizations. A culmination of these meetings resulted in the development of the Summer Agricultural Institute and the formation of the AZ Foundation for Agricultural Literacy. The SAI just completed its twentieth annual Institute and the Foundation is the funding source for SAI, AG Day, teacher workshops and curriculum development for the Agricultural Literacy program in Arizona.

Arkansas 2010 Report

Classroom Resources

None reported for 2010

Major Program Accomplishments or Outcomes

Updated and rebuilt the Mobile Ag Simulator with new video, audio, and graphics.

Major Program Impacts or Outputs

The number of AITC materials distributed to classrooms increased by 60%.

The number of programs conducted with educational displays increased by 30%.

Biosketch

State Contact: Andy Guffey; andrew.guffey@arfb.com

Andy Guffey is the Coordinator of Education and Ag-in-the-Classroom for the Arkansas Farm Bureau, and he has served as the state contact in Arkansas for the last six years. In addition to Ag-in-the-Classroom, Andy also works with FFA and 4-H groups across the state in numerous projects, as well as directing the Arkansas Farm Family of the Year Program. Before taking over education and Ag-in-the-Classroom, he previously directed the safety programs for the Arkansas Farm Bureau and worked for Tyson Foods. He holds a B.S. in Animal Science from Oklahoma State University.

California 2010 Report

Classroom Resources

1. 2009-2010 Teacher Resource Guide <http://www.learnaboutag.org/trg/>
2. WHATS GROWIN ON? Ninth edition Farm to School Connections and WHATS GROWIN ON? Teacher Guide <http://www.learnaboutag.org/wgo/>.
3. Commodity and Natural Resource Fact and Activity Sheets

Our latest agricultural fact and activity sheet features spinach.
<http://www.learnaboutag.org/Commodity/Commodity.php>.
4. Web Activities for Students based on WHATS GROWIN ON? Ninth edition Farm to School Connections <http://kids.cfaitc.org/wgo6/>.
5. Presidential Turkey Activity Guide <http://www.learnaboutag.org/turkeytour/activityguide.pdf>
6. Resources for Every Season CD; <http://www.learnaboutag.org/res/>.
7. Imagine this...Stories Inspired by Agriculture (Book of winning student written entries for our writing contest) <http://www.learnaboutag.org/Imaginethis/Imaginethis.php>
8. Cream of the Crop E-newsletter <http://www.learnaboutag.org/cotc/>.
9. Food Safety-From Farm to Fork; <http://learnaboutag.org/foodsafety/>

Major Program Accomplishments or Outputs

Together with Foster Farms, CFAITC developed a Presidential Turkey curriculum and organized a statewide contest, allowing schools to win a Presidential Turkey visit. The curriculum focuses on poultry while teaching the subjects of English-language arts, nutrition, history-social studies, math and science. Modesto's Foster Farms turkey growers raised and selected the turkeys pardoned by President Obama in November, 2010.

More than 200 California teachers participated in the 2010 CFAITC Conference in Shell Beach where field trips, guest speakers, workshops, make n takes, resource sessions and networking opportunities encouraged educators to teach with agriculture! Nearly half of all participants were first-time attendees.

CA educator Sergio de Alba was recognized as one of five 2010 Excellence in Teaching About Agriculture Awards Program recipients. Sergio was selected as CFAITC's Literacy for Life award winner, and was also awarded the national honor by the USDA at the 2010 National Ag in the Classroom Conference. He is a 4th grade teacher at R.M. Miano Elementary School in Los Banos.

CFAITC's website was re-designed in 2010, presenting all of our resources and programs in a more modern and user-friendly format for educators. We have also activated a new, shorter and more memorable domain name, www.LearnAboutAg.org. With an average of 14,696 visitors per month in 2010, the site is home to electronic versions of lesson plans, free resources, and our interactive Kid's Corner.

Social networking and electronic media continue to enable us to share information and resources and communicate effectively. CFAITC's Facebook page currently has 1,472 fans with whom we share updates, program details, resources, photos, articles, information and upcoming events. Our number of fans nearly doubled in only one year! Similarly, we have joined Twitter, a free social networking and micro-blogging service.

Major Program Impacts or Outcomes

The number of CFAITC ambassadors increased by 10.3% in 2010 (13,427 in December 2010 compared to 12,173 in December 2009), showing significant gains in our target audience. CFAITC is represented by Ambassadors in 44% of California's schools.

The CFAITC Web site (www.learnaboutag.org) received 23% more website hits (2,626,608 total) in 2010 compared to 2009, an increase of more than 492,761 website hits.

100 percent of conference attendees agreed that, Yes, after attending the conference (they) will implement the materials/ideas received upon returning to class.

Biosketch

State Contact: Judy Culbertson; jculbertson@cfbf.com

Judy Culbertson, a 5th generation pear grower, grew up in Courtland, a small town just outside of Sacramento, California. Following high school, she graduated from California Polytechnic State University, San Luis Obispo with a Bachelor of Science Degree in Agricultural Business Management.

In 1980 Judy joined the Agriculture in the Classroom program. Today she serves as the Executive Director for California Foundation for Agriculture in the Classroom. Judy hopes that through the Foundation, every student can gain an appreciation and curiosity for learning about where their food and fiber come from.

The dedication and belief Judy possesses in the value of agriculture and education does not stop with her role with the Foundation. She represents the Foundation on a variety of local, statewide and national boards and committees along with dedicated involvement within her own community.

Colorado 2010 Report

Classroom Resources

Colorado Readers on the following topics: Careers in Agriculture, Energy, Ranching, Aquatic Nuisance Species, Exploring our Planet, Corn www.growingyourfuture.com/programs/colorado_reader/index.html

We also updated the Wool & Sheep Activity Book:

www.growingyourfuture.com/programs/activity_books/pdf/Wool_Sheep.pdf

CFA Comics: Watershed Defender

CFA E-Lessons

Major Program Accomplishments

Distributed six issues of the Colorado Reader on the following topics: Careers in Agriculture, Energy, Ranching, Aquatic Nuisance Species, Exploring our Planet, and Corn. Over 350,000 readers were printed and distributed.

Distributed over 4,000 Understanding Water Activity Books and 1200 Wool and Sheep Activity Books.

Presented information about agriculture to 500 science teachers at the Colorado Science Convention. Forty-eight teachers attended the Food Fiber and More AgriCULTURE Summer Institute.

Produced and distributed CFA Comic called Watershed Defender.

Developed 40 E-lessons.

Sent out 3 E-newsletters highlight new materials and resources about agriculture.

Major Program Impacts

Ninety percent of the teachers who attended our Summer Ag Institute said they will be using agriculture as a theme to teach other academic subjects.

35,000 fourth and fifth grade students received information about agriculture through the Colorado Reader series.

Biosketch

State Contact: Betty Blinde; bblinde@growingyourfuture.com

A graduate of Colorado State University with a degree in history education. Bette Blinde is the Executive Director of the Colorado Foundation for Agriculture. She has held the position from the time the foundation was formed in 1991. As Executive Director of Colorado Foundation for Agriculture she is responsible for the production and distribution of educational materials about agriculture and natural resources. This includes publishing the Colorado Reader series. Topics published include: Livestock; Dairy; Integrated Pest Management; Corn; Wheat; Water; Forests; Wildlife; Grocery; Produce; Recycling and Cooperatives, Food Safety, Protecting Our Soil, Colorado Ranching and many more. She has also written activity books on Wildlife Management and Colorado's Wool and Sheep Industry. She works with The Denver Post Newspaper in Education program providing resources and materials for Colorado Kids Page and she writes their Stock Show curriculum. She is also responsible for Colorado's Agriculture in the Classroom program which includes classroom presentations, farm day programs, AgriCULTURE in the Classroom Summer Institute and water festivals. She works with a variety of agriculture, wildlife, environmental groups and their board of directors along with working with educators and curriculum coordinators from across the state.

Connecticut 2010 Report

Classroom Resources

September 2010-August 2011 school commodity calendar

Major Program Accomplishments

The Connecticut Agricultural Education Foundation crafted its 5th annual school year, agricultural commodity calendar. A calendar was sent to every 3rd grade classroom, state legislators and project sponsors. Five thousand calendars were distributed.

An elementary school agricultural reading project, age appropriate for 2nd - 4th grade took stage during the spring and fall of 2010. Volunteers successfully placed 550 copies of Chicks & Chickens by Gail Gibbons. Hosting classroom teachers received teacher packets of educational materials. The school media center received a copy of the literary selection. Funding for this project was made possible by Kofkoff Egg Farms and the Connecticut Poultry Association.

CTAIEC provided educational experiences in classrooms, at farm events, at community events and agricultural fairs. The experiences focused on Connecticut grown commodities, nutrition education, community gardening, beekeeping, school gardens, state wide hunger relief, farmland preservation, and the diversity of Connecticut agriculture.

One educator earned the WR mini-grant to develop a school and community beekeeping operation.

The CTAIEF in partnership with business sponsors from the agricultural and non-agricultural community placed 1150 agriculturally accurate literary selections in school media centers throughout the state. Our list of titles appears on the calendar, selections were chosen from the American Farm Bureau Foundation for Education list.

Ag in the Classroom partnered with food service directors (FSD) involved in the Farm to School initiative to provide education programs to their student population. FSD received materials to distribute to educators in their respective schools.

The website created for CTAIEF was update and some education materials which complement our calendar have been listed for our educators. Our vision continues to have it serve as a link for agricultural resources for educators.

Major Program Impacts or Outcome

Our Agricultural Commodity calendar was distributed to 3,200 3rd grade classrooms and over 150 state legislators and agency officials. The distributed calendar was accompanied with an evaluation. Our statistical results improved from the previous years. Teachers rated it highly for the content, activities and literary selections. We do not know how many educators actually use the calendar on a daily basis.

Four hundred, fifteen volunteers took part in the reading event. An estimated eight thousand students in 425 schools benefited from this event.

During 2010, ninety educational events took place. More than 100,000 children, youth and adults gleaned valuable knowledge, took part in hands on activities and selected hand outs with important information.

Sixty-five schools throughout the state received gifted copies of the literary selections featured on the calendar. School administrators, educators and media center staff expressed sincere appreciation for the donations. Over 70 sponsors made this program possible.

Food services directors actively involved in the Farm to School initiative were invited to have Ag in the Classroom volunteers provide educational events at their schools. Children learned about Connecticut farm commodities, their nutritional value, and product availability at seasonal farmers'; markets. Literature from the Connecticut Department Agriculture was presented in packets for children to share with their families. Support for the Connecticut Farm to School Program, Connecticut Farmers'; Markets and support for Connecticut farmland preservation has grown tremendously.

During 2010 six thousand visits have been made to the CTAEF website. Our printed materials, distributed at various events invites individuals to our website. We will continue to upgrade this site to serve as a link for agricultural resources for children, youth, educators and the general population.

Biosketch

State Contact: Eleanore Provencal; eleonore@ctaef.org

I embrace the opportunity to serve my community and my state. I have been actively serving as the Connecticut Coordinator for Ag in the Classroom since March 2005.

I am a college-trained educator holding Connecticut certificates in Health and Physical Education, grades K-12; Special Education, grades K-12; Adult Education; and Administration.

I have earned a B.S. in Health and Physical Education, cum laude from Brooklyn College and a 6th year certificate in Health and Physical Education from the same institution. I earned a M.S. in Educational Administration from Pace University, New York and an additional M.S. from Southern Connecticut State University, Connecticut in Special Education.

Without reservation I look forward to implementing agricultural education programs. Seldom has a day gone by without having the opportunity to speak with an administrator, teacher, food service director or community leader regarding Connecticut agriculture. To date our program has reached several thousand individuals in the Nutmeg state. Our media coverage has helped reach others. Organizations in our state collaborate with us to widen our reach bringing agriculture education to many. We have had and continue to have the support of the Connecticut Department of Education, Bureau of Health/Nutrition, Family Services and Adult Education, the UCONN Cooperative Extension System and many agribusinesses in our state. All recognize the outstanding effort the Connecticut Agricultural Education Foundation is putting forth.

I have a passion for bringing agriculture education to our citizens. I plan to continue volunteering my time to see to it that agricultural education programs stay viable and are accomplished. I am proud to represent Connecticut as the Coordinator for Ag in the Classroom under the Connecticut Agricultural Education Foundation.

**Delaware
2009 Report**

Classroom Resources

Created for Agri-Mentor classroom visits

Major Program Accomplishments or Outputs

Agri-Mentor programs reached over 6300 students with a budget of 0.

Major Program Impacts or Outcomes

None Reported for 2009, 2010

Biosketch

State Contact: Judith Leith; Judith.leith@state.de.us

AITC state contact since 1997. 30 plus yrs. in education including AmeriCorps national residential program. Ed.D., M.S in Environmental Science.

District of Columbia 2007 Report

Classroom Resources

None reported for 2007, 2008, 2009, 2010

Major Program Accomplishments or Outputs

Kids Growing Food (KGF) grants continued to be the incentive offered for teachers to complete the Agriculture in the Classroom (AITC) Teacher Training Program.

AITC in DC completes its 10th year of implementing Ag related goals and objectives.

FoodPrints continued to bring Farmers and DC Renowned Chefs into 4th and 5th grade classrooms aimed at enhancing the Standards of Learning and improving academic achievement.

Food gardens continue to be the focus focus for KGF and is the vehicle used as a strategy to help students understand where food comes from, how it grows and to help them make healthy food choices.

An MOU was signed between the University of the District of Columbias Cooperative Service and DCPS Career and Technical Education to replicate the TUNA program with DCPS Consumer Science Teachers.

Seven teachers (7) participated in this school years AITC Training Program representing Wards 1,2,4,6 and 8. The schools represented were Reed Learning Center PreK-6, Walker Jones Educational Center PreK-8, Amidon ES PreK-6, Garfield ES PreK-6, Kamit Institute for Magnificent Achievers (KIMA) charter school, and Stuart Hobson Middle School. The program offered an opportunity for teachers to complete 21 hours designed to increase agricultural awareness and literacy.

Three Fact Sheets and two seasonal newsletters (Sowing Seeds of Agriculture) were completed.

Ag Jeopardy, Ag Feud and Ag Man are games that were developed to teach agriculture. One game Ag Feud is played like the TV game, Family Feud. It was field tested with teachers and students during the summer session at Bowen ES. Both teachers and students completed the evaluation by rating five how questions on a scale of 0 to 5, two open-ended questions and one closed question. Their over-all rating was a 5. We will field test all of the games with at least three classes of students and at least three classroom teachers before they are published.

Major Program Impacts or Outcomes

This school year each of the 7 teacher who completed the AITC workshops will teach agricultural content that they developed via lesson plans to at least 168 students whose agricultural awareness will be enhanced.

Approximately 301 students were beneficiaries of the FoodPints program.

Five more food gardens were added to KGF.

All of the 27 students, who participated in the Ag Feud game, gave it a 5 which was the highest possible rating.

Both teachers gave Ag Feud a 5 rating too. They felt it would fit the science, health and nutrition curriculum.

Biosketch

State Contact: VACANT

Florida 2010 Report

Classroom Resources

The "Gardening for Grades" school garden book developed by Florida Agriculture in the Classroom for teachers in kindergarten through eighth grade grew in size and scope with grant money the organization received in 2010 from the Florida Department of Agriculture and Consumer Services. New lessons on photosynthesis, soil science and fruit and vegetable classification were added to the book which is geared to general education teachers. These lessons were added to a garden section that had already been developed that guides teachers on what to plant and how to plant depending on the part of the state they're in. In addition, the book also explains how teachers can gain support from administrators, and find grant money to pay for the school garden. A graphic artist had completed the layout and design of the book in late 2010 and it was being proof read and sent to the printer in early 2011. In addition, Florida Agriculture in the Classroom developed a new Agriculture Literacy Day book in 2010 called "Green Florida Farms" that educates students about the new technologies Florida farmers are using to reduce their water use and protect the soil, among other techniques.

Major Program Accomplishments or Outputs

Florida Agriculture in the Classroom, Inc. continued to update and add new materials to its educational offerings in 2010. It completed its 142-page "Gardening for Grades" school garden resource book for teachers. The book went to the printer in early 2011 and 10 "Gardening for Grades" teacher workshops were being held around the state. We celebrated the seventh annual Florida Agriculture Literacy Day March 23, 2010 with a new book written for the event that focuses on Florida commodities called "Green Florida Farms." About 1,300 farmers, ranchers, industry representatives and FFA students read the book to more than 67,000 elementary students statewide. Agriculture Literacy Day has been an effective way for Florida Ag in the Classroom to add new volunteers to its program.

Major Program Impacts or Outcomes

Florida Agriculture in the Classroom, Inc. (FAITC) estimates it reached more than 6,200 teachers and more than 155,000 students in 2010. It reached an additional 8,557 teachers and 213,925 students with materials orders and hits to its website during 2010. The organization believes there is growing awareness and interest in the program by teachers and volunteers. FAITC began visiting curriculum coordinators in the state's largest school districts in 2010 to provide them with sample lessons and information about the grant programs, curricula and materials it offers general education teachers in pre-kindergarten through 12th grade. In addition, it developed and distributed new materials, allowing it to grow the number of new teachers it introduced to its program. Interest in programs such as Florida Agriculture Literacy Day continued to grow and helped boost FAITC numbers as well. In addition, popularity of its teacher and volunteer grants programs grew in 2010 with record numbers of teachers and volunteers applying for funding.

Biosketch

State Contact: Lisa Gaskalla; gaskalla@ufl.edu

Experience

September 2003: Present Executive Director; Florida Agriculture in the Classroom, Inc.; Gainesville, FL
August 2003 - July 1999: Executive Director; Polk County Farm Bureau; Bartow, FL
July 1999 - March 1997: Public Affairs Manager; Florida Citrus Mutual; Lakeland, FL
March 1997 - July 1992: Business Writer; The Tampa Tribune; Tampa, FL
July 1992 - September 1989: Business Writer; The Ledger; Lakeland, FL
September 1989 - July 1985: Business Writer; Orlando Business Journal; Orlando, FL
July 1985 - June 1984: Cops, Medical Writer; Today newspaper; Cocoa, FL

Education

Fall 1979 - Spring 1984: Bachelor's Degree - Journalism; University of Florida; Gainesville

Georgia 2010 Report

Classroom Resources

2011 Art Contest Calendar

"Without Farmers, Georgia Can't Grow" agriculture DVD

Georgia Commodities Map

Major Program Accomplishments or Outputs

The 2011 high school art contest calendar focused on website resources for agricultural literacy. The calendar features the state winners and two honorable mentions from our statewide high school art contest. We are currently developing the calendar for 2012 which will focus on careers.

Two summer staff development courses for teachers were held in 2010. The Professional Learning Unit (PLU) credit is issued through Abraham Baldwin Agricultural College. The course is a minimum of 3 days and teachers receive 2 PLU credits. We had 30 teachers attending the classes. Because of economic issues, the governor has suspended teacher recertification requirements for 5 years. We are currently revamping our training program for teachers.

We provide training at the local, district and state level to encourage our volunteers to be more active in their local schools with Ag in the Classroom. More volunteers are attending the Agriculture in the Classroom National Conference. Our annual Educational Leadership Conference (formerly Women Leadership Conference) places heavy emphasis on Ag in the Classroom types of programs and activities.

We continue to distribute the Georgia commodities map developed in 2008 and revised in 2010. To date we have distributed more than 24,000 copies.

Each year the GFB State Women's Committee chooses a Georgia commodity on which to place special emphasis. For 2010-2011 the commodity is peanuts. We have a set of lesson plans as well as a list of books and a bookmark.

We updated the "Without Farmers, Georgia Can't Grow" DVD in 2010. This video highlights Georgia agriculture by land regions and is designed for a variety of audiences including students, civic clubs and agriculture groups. We have distributed more than 700 copies of the video.

Major Program Impacts or Outcomes

The largest impact comes from our county Farm Bureaus who spend countless people-hours doing classroom presentations, conducting Farm Days at Schools and on farms, providing educational materials, and assisting with school projects. With 159 counties, GFB volunteers reach about 20,000 students each year.

Teacher training is an important component of Georgia AITC. The PLU courses, which are 3 days in length, impact the fewest number of teachers but are much more likely to foster teacher use in the classroom.

Biosketch

State Contact: Donna Rocker; dhrocker@gfb.org

Donna Rocker has been with Georgia Farm Bureau since 1986, primarily coordinating the Georgia Agriculture in the Classroom program. In 1999, the GFB Women's Leadership Committee was added to her responsibilities. Since 1999, the Women's Leadership Committee has greatly increased their focus on youth education.

Donna received an associate's degree from Abraham Baldwin Agricultural College and a B.A. in Psychology from Georgia College & State University.

She was part of the team to develop the AITC Consortium and has served as a regional representative and secretary for that organization.

Hawaii 2006 Report

Classroom Resources

None reported for 2006, 2007, 2008, 2009, 2010

Major Program Accomplishments or Outputs

Featured project integrated high, middle and elementary school activities.

Major Program Impacts or Outcomes

60% of students (170) with three or more learning sessions reported improvements in three focus areas.

Biosketch

State Contact: Naomi Kanehiro; nkanehir@hawaii.edu

Idaho 2010 Report

Classroom Resources

The Idaho AITC continues to work with the Department of Education in Child Nutrition and the Idaho State Department of Agriculture in Marketing to develop a set of 12 posters featuring Idaho commodities. On the back of each poster (sent to school food service directors and teachers who have requested through AITC) are worksheets for classroom use.

Major Program Accomplishments or Outputs

Through the donation of a gift (\$10,000) we were able to share in the purchase of a tour headphone set. We now have the capability of having 55 participants on individual headphone sets that are tied to the presenter. We have utilized these for another client and have been more than satisfied. The opportunity to hear in many difficult situations has been improved by 100%. This will be a tremendous benefit to our tours and workshops.

We continue to expand and invest in Ag Expos in cooperation with high school FFA chapters throughout Idaho. These Expo's target elementary children for 2-3 hours of instruction and hands on experiences related to agriculture. Idaho AITC's role has been to provide contacts, materials, supplies and funding for the Expos. The Expos now happen throughout the year in various parts of Idaho. We provide a teacher packet to each classroom teacher attending the Expo which gives exposure to AITC programs and opportunities.

Major Program Impacts or Outcomes

100% of the teachers attending workshops and tours indicated that they have been provided information and material that could be utilized into their current teaching philosophy and courses related to food and fiber production.

Membership in Idaho Ag in the Classroom Association increased by 14% due to more industry and organizational presentations about the program and what is provided to classrooms in Idaho.

Over 32,000 visitors passed through the Food Producers of Idaho Ag Pavilion at two major fairs in Idaho. Idaho AITC is responsible to provide the educational centers throughout the Pavilion for children and adults helping them learn more about Idaho Agriculture and the impact it has on the daily lives of people.

5 additional high school FFA Chapters added Ag Expos to their Program of Activities in 2009

Biosketch

State Contact: Rick Waitley; rick@amgidaho.com

The Idaho AITC program is housed at Association Management Group (AMG) in Meridian, Idaho. AMG provides association management and legislative lobbying for over 30 different groups in Idaho. Rick Waitley, State AITC Director is the President of AMG. Waitley grew up on an Idaho farm and received his BS from the University of Idaho in Ag Ed. Waitley taught high school agriculture before joining the staff of the National FFA in Alexandria, VA. Waitley returned to Idaho and worked for the Idaho Dairymen's Association and in 1977 became a registered lobbyist.

Waitley's first contract with Idaho AITC was in January 1994. Waitley is married to a Kindergarten teacher who recently retired after 35 years in the classroom. Rick Waitley received the Governor's Award for Excellence in Agriculture for the area of Education/Advocacy in 1998. Waitley serves on a variety of boards and commissions in Idaho and has received numerous awards and recognition for his investment in Idaho agriculture.

Illinois 2010 Report

Classroom Resources

All resources can be found under Illinois AITC website www.agintheclassroom.org

*Farmer George Plants a Nation book guide

*Pod to Plate companion guide

*Cooks and Books Literature guide and activities

*Scrambled States of Agriculture linking Agriculture, Geography and Children's Literature

*Beef Princess of Practical County companion guide

*Little Joe companion guide

Major Program Accomplishments or Outputs

Continued efforts in making AITC easily integrated into County Membership, Promotions, and Legislative Areas.

42 City of Chicago Teachers participated in our Adopt a Classroom program. 1 Teacher has been paired with a farm writer that is using flip video to correspond between the farm and the classroom, creating our first virtual classroom connection.

Continued efforts to measure student and teacher perceptions and retention of AITC Efforts.

Continue releasing new materials that are sensitive to gender, race and impairments.

Continued to offer Graduate Credit for our Summer Agricultural Institutes through our unique partnership with Illinois Universities.

Continuing as Official Education Provider for Teachers offering 72 Workshops for Continuing Professional Development Units (CPDUs) to 2561 teachers.

56 Pre Service Workshops conducted for 1627 Pre-Service Teachers.

Major Program Impacts or Outcomes

74% of Summer Ag Institute Graduates incorporate Agriculture into lessons on a daily or weekly basis AFTER Attending an intensive training course on agriculture.

73% of Illinois teachers who have completed a Summer Agriculture Institute list Corn as the top agriculture topic taught in classrooms. Followed by environment and conservation (65%), water and apples(63%), Natural Resources and Soybeans and Pumpkins (61%), plants (59%), and Conservation (57%).

99% of IL Teachers Strongly Agree or Agree that Illinois Learning standards can be met through incorporating Agriculture, and that Agriculture enhances the curriculum. 99% believe that agriculture can be taught in any subject area, and that agriculture fits the needs of elementary students. 85% of our teachers strongly DISAGREE with the statement there is no future in Agriculture, and 96% agree and strongly agree that agriculture has a skilled, highly trained work force.

In pre-post questions after our intensive training courses, teachers have an attitudinal shift of 32% to the positive (59% pre, 91% post) in the statement that farmers and ranchers are computer literacy and a 25% increase (72% pre, 97% post) in the question about farmers providing safe foods.

97% of our teachers believe that students benefit greatly from learning more about agriculture.

94% of teachers surveyed plan on teaching various careers related to agriculture after learning more about those careers compared to 37% pre-survey. (57 point increase)

Biosketch

State Contact: Kevin Daugherty; kdaugherty@ilfb.org

Kevin Daugherty is the Education Director for the Illinois Agriculture in the Classroom program. Illinois Agriculture in the Classroom (IAITC) is a program that provides educational resources, training and support for classroom teachers throughout the state related to agriculture. Through this program IAITC strives to increase school children's understanding of their food and fiber system. The program also works to make agriculture advocates of students, teachers and parents. All products developed are based upon the Illinois Learning Standards, are research driven and work to insure accountability for teachers by assisting them in meeting curricular needs (Language, Fine Arts, Social Sciences, Science, Math, and Health, Physical Education and Nutrition) using Agriculture as a springboard.

Kevin served as the 2003-2004 President of the Agriculture in the Classroom Consortium of State Contacts, which serves as an advisory panel to the USDA Agriculture in the Classroom Program.

Kevin has been with Illinois Farm Bureau® since April of 2000. Prior to joining the Farm Bureau® staff he had experience in publishing, training and development and as an award winning junior high history teacher in central Illinois.

A native of Oakland, Illinois Daugherty holds a BS in Secondary Education from the University of Illinois, and a MS in Adult Education from Eastern Illinois University. He and his wife, Katherine, have three children and live in LeRoy, Illinois, where he serves as President of the local school board.

Indiana 2010 Report

Classroom Resources

This year was spent on extending our outreach. In the past we have always used our trained volunteers to go into classrooms and outreach to the teachers they work with. This year with the help of grants we created soybean educator kits. Teachers could go online and request a kit. In return we have recorded their contact info so we can share news and new lessons directly with the teachers.

New updates are being posted on our website www.infarmbureau.org.

Major Program Accomplishments or Outputs

Indiana was awarded a Monsanto grant in 2010 that we are using to get more tools and resources in the hands of teachers in Indiana.

Our monthly newsletter continues to grow and we see more counties using the information and new ideas to help grow AITC in our state.

County Farm Bureau's are seeing the value of the programs and are budgeting more to help volunteers with programs and to donate funds to local schools to assist with programs and field trips.

More volunteers are signing up to learn about AITC and to get involved in their counties. We are seeing more younger people with kids in elementary schools getting involved.

We are planning on engaging more our volunteers this year in programs to give them new ideas for programming in their counties.

We are also working on a state wide ag day event to promote ag literacy.

Major Program Impacts or Outcomes

Incorporated better communication with volunteers with a monthly newsletter to showcase new ideas.

Reached over 100,000 students with programs this year. A record number.

Had the opportunity to share our states programs at the 2010 National Ag In The Classroom Conference.

Biosketch

State Contact: Isabella Chism; jchism@infarmbureau.org

Isabella Chism is the State Contact for Indiana. As 2nd Vice President of Indiana Farm Bureau, she is the Chair of the Women's Leadership Committee that helps develop many of the AITC programs for the state. She has held this position for four years.

Iowa 2010 Report

Classroom Resources

An Ag in the Classroom volunteer page was launched on the iowafarmbureau.com website. The page is a resource for lesson plan ideas as well as a method to share current information.

Major Program Accomplishments or Outputs

The 2010 Teachers Academy for Agricultural Awareness was a major success with the class members reporting these classroom/student results as a follow-up to their participation:

100% of class can list 3 reasons why soil is important to us.

100% of class was able to write a pledge on how they will conserve our soil and food supply.

18 out of 19 students can now put the steps in the correct order for how milk goes from the farm to your table.

100% of my students (3rd grade) can name 3 food products and 3 by-products from beef.

88% of my 3rd grade students can put the stages of a butterfly's life cycle in the correct order.

90% can give the servings needed in each food group and 96% can name 4 or more examples of food from each food group.

Class wrote essays on how farmers, community workers and students are working to make land more productive.

Increased awareness of how pollution affects many things around us.

Major Program Impacts or Outcomes

227 teachers, day care providers, professional and volunteer educators responded on a 2009-10 Connecting Learning Living (CLL) evaluation and revealed these outputs and outcomes for 12,814 youth.

a. CLL was used in all subject matter areas, PreK-12, 66% were in grades K-4.

b. 172 outdoor classrooms were used including 25 farms.

c. More than 80% had a new understanding of the food they ate, made a new connection with nature, made comments reflecting new knowledge.

d. 296 examples of changes in students' knowledge with these top content areas: characteristics of plants (33), gardening and farming (29), where food comes from (24), choosing healthy foods (21), food categories/MyPyramid (20)

e. 178 examples of changes in students' attitudes with these top themes: excitement/joy/anticipation/engagement in the learning process, more respect/are for the environment/natural resources, tried new foods, shared information with others such as family and friends.

f. 140 examples of changes in students' behaviors with these top responses: more engagement/participation/positive behaviors, voluntarily cared for the environment, demonstrated water and soil conservation practices, helped parents shop and make healthy food choices, chose healthy foods for lunch and snacks, more interest in doing activities outdoors.

Biosketch

State Contact: Barbara Lykins; blykins@ifbf.org

Barbara Lykins, is the Director Community Resources for the Iowa Farm Bureau Federation. She directs and facilitates the ag in the classroom program. In this position, she partners with other state organizations on the Teachers Academies and administers an Iowa Teacher Supplement Loan program. Lykins serves on the Iowa Farm Bureau Federation Management Team and has been employed by the Iowa Farm Bureau for twenty-six years in a variety of leadership and management capacities.

Kansas 2010 Report

Classroom Resources

Celebrate Wheat, Celebrate Sunflowers, Celebrate Beef; a series of lesson plans that provide teachers with materials for celebrating Kansas Week and to celebrate the 150th year of agriculture in Kansas.

We also have three other lesson plans that play on the theme of the Wizard of Oz

"If I only had a Heart!" - Importance of Agriculture to feed a growing world population

" If I only had a Brain!" - Technology advancement in Agriculture and non food uses of major crops;

" If I only had Courage!" - Weather and Courage needed to face risks of weather in Agriculture.

We continue to develop lesson plans that connect to the newly printed (2008) Kansas Natural Resource Guide. These can be found on the website under Teacher Resources. www.ksagclassroom.org. Be sure to view the prairie, watershed and soil lesson plans. We used ACE grant dollars to help produce these lesson plans.

We are currently updating our Crops & Oil Seed Educator Guide. Our goal is to have that ready to go for requests from teachers this fall. We are updating the name to Exploring Kansas PLANTS, Crops & Oil Seeds and are adding a new chapter on Specialty Crops. Lesson plans will be developed to compliment this background resource guide for teachers.

Major Program Accomplishments or Outputs

Assembly Program

Grade 1-2 Kansas Animals

Grade 3-4 Crops & Oil Seeds

Grade 5-6 Natural Resources

For the 2009-2010 School year we reached 1800 students through 20 assemblies. Support materials are provided to encourage continued learning after the assemblies.

We filled requests from 1107 teachers for Kansas Kids Connection Magazines. Estimated 27675 students received these.

We filled requests from 3100 teachers for Educator Resource Guides, Farm Animal; Crops & Oil Seeds, and Natural Resources. Estimated 77500 students participated in lesson plans connected to these

Kids Connection Magazines

We filled requests for 1350 Kansas Kids Connection Crops magazines and 1375 Farm Animals Magazines. We sent 11,700 Kansas Kids Connections Magazines (both crops and animal) to schools grades K-4. We've given 1038 teachers the Exploring Kansas Natural Resource Guides since it was printed in 2008. 1,038 teachers x 25 students = 25,950 students.

5 Lesson plans connecting to the NR Guide plus Kansas Curricular standards were developed by Kansas Teachers and are available on our website at www.ksagclassroom.org.

Ag-Wise Train the Trainer Workshop

A Partnership Training between Kansas Farm Bureau and KFAC for Ag In the Classroom presenters at the County Level had 94 participants in January and February of 2009.

Participants received training for a variety of Ag-based hands-on learning labs; Lesson plans highlighted were the new lessons created for the Natural Resource Educator Guide. Teachers received resource materials: shared ideas

that work; practiced presentation skills; networked with others.

Who attended? County Farm Bureau Ag Ed. Volunteers; Ag Educators, Extension Educators and Volunteers, Youth Volunteers, Conservation District Managers

Summer Session Courses

14 Kansas Teachers received three graduate credit hours after attending week long summer session courses: Connecting Agriculture to the Classroom; Classroom; Horticulture & School Gardens Olathe

Major Program Impacts or Outcomes

98% of teachers attending the summer course indicated they would incorporate lesson plans modeled.

100% of teachers completing the summer graduate courses generated high quality lesson plans as a part of their coursework.

Our current Teacher of the Year presented a power point during our Annual Meeting full of credits to resources provided by KFAC summer courses, and on-line teacher lesson plans as well as the new NR Guide. She gave concrete examples of how she incorporated Agriculture into her 5th grade classroom.

Reports back from the two Ag charter schools in Kansas who sent much of their staff for training during summer courses show impact by providing good factual resources and lesson plan ideas that they expanded on when creating a total school curriculum that uses agriculture as a tool to teach the core subject matter areas.

100% of attendees at an After School Conference were highly enthusiastic about taking plant and soil science lessons back to their elementary students for a fun and informative educational after school program. They requested a follow up plant science summer in-service training.

Teachers who have attended our summer courses and then applied for the Teacher of the Year indicated numerous impacts in how they were able to successfully design curriculum that allow them to incorporate teaching of Agriculture into core curriculum areas. They give testimonials that their students love the practical application or teaching of real "life" that occurs.

98% of Ag-Wise teachers and volunteers returning for a second or third year report the usefulness of the lesson plans correlated to Kansas Curriculum standards

A majority of teachers attending Water Festivals and Ag Days with their students report the Natural Resource subject matter on watersheds and on soil development and conservation is helpful when taking state assessment standardized tests.

Biosketch

State Contact: Cathy Musick; ksfac@k-state.edu

An Undergrad degree from K-State in Agriculture Science

A Masters degree from K-State in Adult and Continuing Education

14 years experience as an Extension Educator in four counties in Kansas. Subject matter areas were Agriculture, 4-H Youth Development, Community Development

I have been with KFAC for 2 years in February.

Kentucky 2010 Report

Classroom Resources

Resources can be found

<https://www.kyfb.com/federation/program-links/ag-in-the-classroom/classroom-lesson-plans/>

- A Day on the Farm -K-3rd
- Farm Products Help Me Grow – 3rd
- Animals on the Farm - K-3rd
- Let's Go on a Shopping Spree – 4th
- Food Choices: The Pyramid Way -8th
- What's for Dinner Dad? -4th
- The Essential Connection – 8th

Major Program Accomplishments or Outputs

More than 30,000 students participated in "Ag Day" programs last year. These one-day events consisting of 12-15 hands on stations highlight different Kentucky commodities and modern agricultural practices.

Over 900 educators participated in regional and local teacher conferences, these one-day all-expense paid training program available to all PS-12 teachers. A maximum of six hours of professional development credit was offered to attendees. These programs were led by the Kentucky Department of Agriculture and Kentucky Farm Bureau.

Kentucky Department of Agriculture operates two 42-foot long Mobile Agriculture Science Activity Centers, which travel full-time across the state to provide agriculture science lessons at school stops. The trailers have 10 activity workstations for k-5th grade students that align with state standards. Nearly 30,000 students were reached in 2009.

The Kentucky Department of Agriculture conducted pre-service training for state universities. Six state universities are involved in these programs.

County volunteers were encouraged to help celebrate National Ag Week by reading agricultural oriented books through prior arranged appointments. Books were recommended which portrayed an accurate picture of American agriculture. Thousands of children were reached.

We continue to support volunteers statewide through new and unique educational training opportunities each year. Over 400 volunteers received training throughout the year on how they can expand and initiate grassroots educational efforts.

Cooperative relationships and education efforts among the major agriculture, environmental and conservation groups are on-going resulting in maximizing of available funds and education efforts.

Major Program Impacts or Outcomes

Nearly 30,000 students participated in the Mobile Agriculture Science Activity Center presentations

More than 30,000 students participated in "Ag Day" programs during 2010.

Over 900 in-service Teachers participated in AITC Processional Development in 2010

Over 300 pre-service teachers participated in AITC training

More than 75,000 students from 120 Kentucky counties participated in the 2010 Conservation Tabloid's Poster & Essay Contest. Farm Bureau provided the primary sponsorship, planning and tabloid design.

Over 1,000 students participated the Department of Agriculture's Ag Day poster/essay contest.

Biosketch

State Contact: Scott Christmas; scott.christmas@kyfb.com

Scott Christmas currently serves as the Kentucky Farm Bureau Women and Ag Education Director. Mr. Christmas is responsible for coordinating education and leadership development for Kentucky Farm Bureau women. These activities include the implementation of Farm Bureau policy goals and objectives with a major emphasis on all agricultural literacy efforts.

Mr. Christmas involvement with Ag in the Classroom and other agricultural literacy programs stretches over the past seventeen years. He previously worked for thirteen years with the Florida Farm Bureau and is currently in his fifth year with the Kentucky Farm Bureau.

He is a 1989 graduate of the University of Florida where he earned his Bachelors of Science degree in Food and Resource Economics. He and his wife Kim have five boys and reside in Mt. Washington, Kentucky.

Louisiana 2010 Report

Classroom Resources

1. New Forestry and Equine Commodity Fact Sheets <http://www.aitcla.org/teacher-resources/supplemental-materials/>

2. Two new issues of Sow, Grow and Know Newsletter <http://www.aitcla.org/pages/newsletter/>

3. Exploring Water Resource Unit

Lesson Plans <http://www.aitcla.org/teacher-resources/lesson-plans/>

Watershed and Envirosnacks Make and Take Ag-tivity <http://www.aitcla.org/teacher-resources/make-and-takes/>

Watercycle Bracket Make and Take Ag-tivity <http://www.aitcla.org/teacher-resources/make-and-takes/>

Water Natural Resource Fact Sheet <http://www.aitcla.org/teacher-resources/make-and-takes/>

4. Exploring Horses Resource Unit

Lesson Plans: A Handy Measure, Hands Across the Horse, Horse Breeds of the U.S., Horse Cents, and Horse Hoof Angles <http://www.aitcla.org/teacher-resources/lesson-plans/>

Lucky Horseshoes Make and Take Ag-tivity <http://www.aitcla.org/teacher-resources/make-and-takes/>

Horse Video

5. Earth as an Apple Lesson Plan <http://www.aitcla.org/teacher-resources/lesson-plans/>

6. Ag Literacy Day 2010 Resource Guide

7. www.aitcla.org is an all new site! It was completely overhauled and designed specifically for teachers.

Major Program Accomplishments or Outputs

Each year, LA AITC host a series of teacher workshops across the state to provide educators with material needed to integrate agriculture into their existing curriculum. Lesson plans correlated to the Louisiana Grade-Level-Expectations, hands-on activities, new resources and ideas are all provided at the comprehensive seminars. A total of 15 workshops were held in 2010.

Two issues of our Sow, Grow and Know educator newsletter were developed and distributed to 2,500 classroom teachers.

We continue with our Outstanding Teacher Award. The winning teacher receives an expense paid trip to the National Conference and a \$500 award.

The second annual Ag Literacy Day was held in April 2010. There were 200 volunteer readers in 550 classrooms across the state. Over 10,000 students were reached with this project.

Our AITC program also does volunteer training through Louisiana Farm Bureau. An AITC workshop is conducted at the Annual Farm Bureau Convention in June as well as various presentations made to the Farm Bureau Women's Leadership Committee and the Young Farmers and Rancher meeting statewide.

Major Program Impacts or Outcomes

425 educators were trained at AITC workshops this year; these teachers have a direct impact on over 14,000 students

48% of teachers trained were new comers to the program; 16% were pre-service teachers

98 % of teacher attending a workshop in 2010 ranked the workshop as extremely beneficial

Biosketch

State Contact: Lynda Danos; lyndad@lfbf.org

Lynda Danos has been the Ag in the Classroom State Coordinator for Louisiana Farm Bureau for 11 years.

Prior to joining the LFBF staff, Lynda taught high school physical science and biology.

A native of Thibodaux, Louisiana, Lynda holds a B.S. in science education from Nicholls State University. She is also a graduate of the LSU AgCenter Agricultural Leadership Development Program.

Lynda has been active on the National level with the Ag in the Classroom National Consortium, where she has served as the Southern Region Representative and hosted the National Conference in 2007.

Lynda is married to Willie Danos. They reside in Iowa, Louisiana, where they farm 2,500 acres of grain, crawfish and beef cattle. Lynda and Willie have 3 sons.

Maine 2010 Report

Classroom Resources

"Agriculture for ME" - A 28 page children's book with real pictures of and facts about Maine (ME) agriculture. It is written in a Dr. Seuss rhyme for grades PK - 4. This will be accompanied by a Activity Planning Book for teachers and other educators in 2011 with alignments, links and ideas for extensions to the material for the older students in the program.

Major Program Accomplishments or Outputs

In 2010 MAITC wrote and published "Agriculture for ME" and used the book in over 500 classrooms through volunteers during National Ag Week. We reached about 11,000 students. After that we began to create an activity planning book for 2011.

Our MAITC Grant Program started in 2009 and this year we increased funding by \$20,000 to award \$50,000 directly into the K - 12 education arena in Maine. This year we added a category of grants for School Gardens @ \$2,000 each. The license plate has increased in popularity slightly with about 13,000 plates on Maine vehicles. Our 5-day Summer Teacher's Institute continues to be popular with teachers that receive Continuing Education Units for recertification.

New in 2009, the Maine School Garden Day doubled in size. We hosted 80 teachers. Working with the Cooperative Extension programs and the Maine School Garden Network in 2010 we hope to have 100 teachers this coming spring. This year we doubled the pre-service teachers we trained at the State teacher's college.

We have also increased our collaborative efforts and work closely with the Maine Farm to School Network, Maine School Garden Network and several other emerging focus groups to coordinate efforts and give teachers a better resource for information that they can access in one location.

Major Program Impacts or Outcomes

13000 Ag. Specialty license plates were sold generating \$130,000 for Ag Education.

21 Ag. Education grants provided \$50,000 across the state.

Over 10000 students were exposed to volunteer presentations on agriculture.

800 Maine Farmers and agriculturalists volunteered for agricultural education in 2010.

Biosketch

State Contact: Willie Grenier; maitca@maine.gov

I have BS degree in Animal Science & Vocational Agriculture.

I was raised on a dairy farm in Maine and come from a long line of farmers and outdoors men and women. I have taught Elementary, Middle and High School, been a 4-H Leader and Executive Committee Member for the Cooperative Extension in Maine, taught Adult Education, managed a garden center and done employee training for Agway an Eastern Farm and Garden Cooperative. I am a floral designer and own with my family a small business that decorates weddings and parties.

Maryland 2010 Report

Classroom Resources

As host state for the 2010 National Ag in the Classroom Conference much of our staff time and energies were focused on conference planning and execution. We did, however, publish an collection of lessons from across the nation called "Harvest of the Best" which is available from the National Ag in the Classroom Consortium.

The Maryland Commodity map was updated using the statistical data collected during the 2008 Census of Agriculture.

Curriculum was written for middle school summer camps planned for regional community colleges. One school held a horticultural camp and another Ag Business camp.

Major Program Accomplishments or Outputs

None reported for 2010

Major Program Impacts or Outcomes

More than 35,000 Marylanders were exposed to agriculture using the Maryland Agriculture Showcase.

The three mobile science labs served over 45,000 student visits while spending a week in 72 schools.

Over 800 students were reached through the Ag Returns to the City program and 16 Urban Garden Grants were awarded with a total value of nearly \$6,000.00.

Professional development was given to 99 urban teachers, who have the potential to teach 11,267 students on the importance of agriculture.

Pre-service training was provided to students.

The Summer AITC Teacher workshop was postponed this year due to hosting the 2010 National Ag in the Classroom conference with over 380 registrants from across the nation.

Biosketch

State Contact: George Mayo; gmayo@maefonline.com

Years with AITC: 1996-2011; *1996-2004 – Volunteer; *2004-2010 - Staff

Education: BS Ornamental Horticulture 77 Delaware Valley College, Doylestown

Fellowship: LEAD Maryland Class V fellow 2007 graduating in 2009

Current Boards and Commissions:

Baltimore County Career and Technology Education Advisory Council (April, 2006 present)

Baltimore County Workforce Development Council (Sept. 2007 present)

Governors Intergovernmental Commission for Agriculture (July, 2007 present)

Chesapeake Fields Institute (November, 2006 present)

Affiliations:

Member - Maryland Nursery & Landscape Association

Advisor Nutrient management advisory committees

Member Horticultural Society of Maryland

Member - Maryland Farm Bureau

Member Gunpowder Junior Agricultural Club, Baltimore County

Member Harford County Ag Advisory Council

Advisor Baltimore County Agricultural Resource Center, Inc.

Advisor North Harford High School Agricultural Program

Work Experience:

2004-Present

Executive Director - Maryland Agricultural Education Foundation, Inc. Havre de Grace, Maryland

2000-2004

Nursery and Landscape Consulting Glencoe, Maryland

1996-2000

Sales Manager Bluemount Nurseries, Inc. Monkton Maryland.

1978-2000

Owner - Autumn Ridge, Inc., Glencoe, Maryland - Custom Landscape Contracting

1977-1982

City of Baltimore Bureau of Const. Mgt. & Charles Center-Inner Harbor Management

1970-1985

Small farm management (family farm)

Massachusetts 2009 Report

Classroom Resources

None reported for 2009, 2010

Major Program Accomplishments or Outputs

Program Summary 2009 for Massachusetts Agriculture in the Classroom

Mini-Grant Program: The MAC Mini-Grant awarded \$2,800 in 2009, to support eight worthy initiatives submitted by Massachusetts educators. Since 1994, MAC has awarded more than \$183,000 to 232 projects planned and carried out by educators across the State. Grants are awarded three times a year.

Educational Newsletters: The MAC seasonal newsletter is published three times a year. Each newsletter focuses on one aspect of the organization and also provides a four-page educational resource for one agricultural topic with background materials and activities for the classroom. Feature agricultural articles in our 2009 newsletters included: Massachusetts Agricultural History, Gardening in Containers and Sunflowers. In 2009, we printed 12,000 copies for distribution and also sent the newsletter by e-mail to more than 1,000 educators.

Workshops for Teachers on the Farm: In 2009, MAC conducted fourteen workshops for educators on farms across the state. Ten professional development points were offered for each workshop, reaching over 250 educators. Each session offered an in-depth educational overview of one aspect of Massachusetts agriculture with hands-on activities for the classrooms. Also included was a farm tour and opportunity to meet the farmer and learn about the work that goes on at the farm. Since 1996, MAC has offered more than 122 workshops on farms across the state bringing on-farm education experiences to more than 1,500 educators.

Summer Graduate-Credit Course for Teachers: In 2009, MAC held our Fourth Summer Graduate Course "Growing Agriculture in the Classroom" in conjunction with Fitchburg State College. Eleven teachers participated, attending eight educational workshops on farms across the state. Each participant also kept a journal, took a quiz at each farm workshop, wrote three lesson plans for their classroom and presented one lesson to their peers on August 12th.

Major Program Impacts or Outcomes

Annual Winter Conference: On February 7, MAC held our 8th Annual Winter Conference at the Baird Middle School in Ludlow. 153 educators attended and participated in four workshop sessions, each with a choice of six workshops presented by a teacher or farm educator.

Fall Workshop for Educators: On November 7, MAC held our First Fall Conference for Educators at the Clay Science Center in Brookline in conjunction with adjacent Allandale Farm. 107 educators participated in the conference which offered four concurrent sessions, with a choice of 4 workshops focusing on Composting, School Gardening and other Green School initiatives.

Massachusetts Agriculture Calendar: MAC collaborated with the MA Dept. of Agricultural Resources and USDA NRCS to produce the 2010 Calendar of Massachusetts Agriculture. It is a tool to educate teachers, legislators and the general public, while also creating an attractive daily reminder of Massachusetts agriculture.

Visit the MAC Web Site at www.aginclassroom.org to find an ever expanding site including information on workshops and conferences; educational resources, mini-grants and more.

New Initiatives For 2010:

In 2010, MAC will transition our seasonal Newsletter to a web only version. This will conserve natural resources and also allow us to save financial resources.

MAC is developing lessons and resources for our website that support the Mass. Curriculum Frameworks and allow for strong integration of agriculture into the core subjects. There will be a series of lessons for each grade level from Pre-K through 12.

In 2010, MAC will work with teachers, farm educators and youth leaders to develop a series of activities to cover

the different aspects of farming in the state. These activitie sheets will be posted on our website with background information.

MAC will develop and field test a fun-hands on agricultural activity for parents and children at Eastern States Exposition in September of 2010.

Biosketch

State Contact: Debi Hogan; massaginclassroom@earthlink.net

Michigan 2010 Report

Classroom Resources

The biggest project completed in 2010 was the Resource Guide for Teachers grades K-6. This guide is full of ready to use lesson plans divided into the following subject areas: Math, Science, Health, Language Arts and Social Studies. Each lesson is matched to state standards. All of these resources were combined on one compact disc. These discs are now being distributed across the state and will be used at teacher in-servicing. Other items updated the is year are small promotional pieces such as a children's activity sheet packet, Michigan agriculture trivia cards and updates of the Michigan Treasures placemat. In addition, we wrote a new third grade lesson entitled, "Farmers Care about their land, animals, the environment and you." A book with the same title accompanies the lesson. This item can be located on our website at www.miagclassroom.org/teachers. Additional resources developed this year also include, agriculture career packet and display with an electronic jeopardy game; Myth Busters brochure and display targeted at consumers; Telling your Story talk point book to assist volunteers in communicating agricultures story to consumers.

Major Program Accomplishments or Outputs

Michigan Continues to expand training programs for teachers by training county Farm Bureau volunteers on how to teach agriculture in the classroom lessons as well as how to conduct teacher in-service training. The biggest successes have occurred by conducting workshops during already established in-service programs. The number of counties participating continues to grow each year. In addition, as a state, we participate in both the Michigan Science Teachers and Social Studies Teacher conferences conducting both a workshop on the above mentioned lessons and resources as well as a booth at the trade show. Over 3,000 teachers were reached through these activities. As a result, we are seeing an increase in the lessons being utilized from our website. Additionally, a few of our other accomplishments this year include: a steady increase in the number of downloads from our website. These downloads include both lesson plans and general agricultural information. The total number of downloads increased 19 percent in 2010. We continue to see and increase in volunteer interest in the program. Volunteers assisting with agricultural literacy projects increased 30 percent in the last year. Volunteers have increased their interest in conducting events at local fairs and festivals expanding the consumer outreach by 24 percent.

Major Program Impacts or Outcomes

Agricultural Literacy activities conducted by volunteers, increased across the state by 30 percent in 2010.

The number of students reached through agriculture in the classroom increased by 40 percent in 2010.

80 percent of our volunteers trained at the state level conduct AITC lessons at the local level.

Volunteer involvement in Michigan Agricultural Education programs rose by 25 percent in 2010.

The number of Project RED (Rural Education Day) events held across the state has increased by 35 percent to 31 counties that's 46 percent of all the involved counties across the state.

Teachers reached through in-service activities increased by 25 percent in 2010.

Of the teachers trained, 90 percent said they planned to continue to integrate agriculture into their existing curriculum.

Biosketch

State Contact: Debra Schmucker; dschmuc@michfb.com

Deb Schmucker has been manager of Michigan Farm Bureau's Promotion and Education Department and served as Michigan's Agriculture in the Classroom Coordinator since 1999 - 12 years.

Deb is a graduate of Michigan State University with a Masters of Science Degree in Agricultural and Extension Education, and a dual Bachelors degree in Agriscience Education and Agricultural Communications. Deb also holds a secondary teaching certificate.

Her responsibilities include recruiting and training state and county volunteers as well as Ag-in-the-Classroom involvement. She is the key link with the State Promotion and Education committee.

Deb and her husband, Brent operate their own farm where they raise sheep and cash crops.

Minnesota 2010 Report

Classroom Resources

All resources listed below are online at www.mda.state.mn.us/maitc

- 1) Minnesota AgMag Series for grades 4-6.....major new copy and some revised copy
- 2) Ag is Everywhere student placemat
- 3) AgMag Jr.....new graphics and photos
- 4) Farm Animal bookmark
- 5) FFA Ag Literacy Challenge.....new activities developed for use with local chapters

Major Program Accomplishments or Outputs

- 1) Celebrating 25 years of offering the popular student Minnesota AgMag Series to grades 4-6. This demonstrates great staying power for MAITC!
- 2) Our new AgMag Jr. first grade market is expanding, with sponsor funds already secured for the 2011-12 school year.
- 3) Ongoing financial and program support for MAITC from the MN Department of Agriculture remained strong and committed. In these tough economic times, and with huge budget unallotments from state agencies, the program remains in the Governor's budget.
- 4) Established new partnership with Minnesota FFA by developing FFA Ag Literacy Challenge Program
- 5) Partnered with several social studies organizations to offer summer agriculture bus tour for fifty K-12 teachers. Partners included: MN Center for Social Studies; MN Alliance for Geographic Education; MN Historical Society; MN Council on Economic Education; and MAITC

Major Program Impacts or Outcomes

- 1) Demonstrated the power of using agriculture content to drive contextual learning in social studies when the MN Center for Social Studies chose agriculture as the theme for their 2010 summer bus tour for teachers of geography, history, economics and civics. The tour was a big hit and will again be offered in July of 2011.

Biosketch

State Contact: Alan Withers; alan.withers@state.mn.us

Al Withers is both state contact and program director for MN Ag in the Classroom. This is his 26th year of leading the program. He is on staff in the Ag Marketing Division at the MN Department of Agriculture. Withers holds a B.A. in Speech Communications and Marketing from the University of Minnesota. He has experience in radio broadcasting, the non-profit and business sectors, and in state government. He is also an award-winning dill pickle packer and canner!

Mississippi 2008 Report

Classroom Resources

Updated Units 2008:

Sweet Potatoes, Mapping Mississippi, Mapping Mississippi Map, Mississippi History, File Folder Games, Cotton, Corn, Mississippi Agriculture on a Paper Plate, Fire Ants, Truth or Hogwash, You Add Pizza-z To Our Class, 450 new commodity table toppers distributed each month, Commodity Place mat with four activities on back, Test Your IQ placemat

Activities and sheets released in 2008:

New Literature List, Butterflies Nature Colorful Gift, Extra Food Group, Guidelines to Safe Dieting, The Calories You Use, The Calories You Eat, Energy in Food, Nutritional Facts, Food Jumble, Nutty Peanut Butter, Cow Flips, A Get-Up to Giddy Up, Chore Time!, Barnyard Mobile, The ABCs of Agriculture, Feeding Time on the Farm, Count the Animals on the Farm, Pigs Going Places, What Do You See?, Cow, Find the Horseshoes, Where Does the Farmer Keep His Corn?, Chicken Fact/Bookmarker, Piggies Going Places, Piggies Going Places, Wildflower in Mississippi, Fishing for Agriculture,

Major Program Accomplishments or Outputs

The Mississippi Farm Bureau coloring contest was one of the highlights as over 16,000 coloring sheets were distributed to schools for participation. These contests are held in each district for second grade students. Eight District winners receive \$25 and the overall State Winner receives \$50. As an on-going learning instrument, fourth grade teachers are offered an updated resource guide and collection of agriculture titled "Mapping Mississippi Agriculture". This unit includes Mississippi agriculture facts and a bright colored poster size map indicating each county's major commodities. 16,000 coloring sheets were distributed for the coloring contest, \$250 presented to winners. 82 counties were presented portable Learning Barns to be used in their schools.

10 scholarships, totaling \$17,000, were presented in 2008.

Major Program Impacts or Outcomes

3 Teacher Conferences

Summer Conferences Public and Private schools

Coloring Contest

Portable Learning Barns presented to all 82 counties.

Scholarships were presented through AITC in 2008.

One teacher won trip to National Agriculture in the Classroom Conference.

Biosketch

State Contact: Clara Bilbo; cilbo@msfb.com

Clara Bilbo graduated from Hinds Community College and on to complete her education at Belhaven College. Has been employed with Mississippi Farm Bureau Federation for 25 years.

Missouri 2011 Report

Classroom Resources

WebQuest K-12 - www.mofb.org/webquest

New webquest developed in 2010

Animal Care-5-7

Animal Agriculture Issues 8-12

Major Program Accomplishments or Outputs

Agricultural WebQuests are the top priority for MO AITC. This on-line resource couples technology skills and agricultural literacy. Teacher-created units contain streaming videos; photographs; approved agricultural links; evaluation rubrics and teacher pages. Currently 52 lessons are posted. Each is aligned to the Missouri Show Me Standards and National Learning Standards. Grade Level Expectations have now been added to assist teachers. Five webquest for English Language Learners (ELL) are available as are virtual fieldtrips. They are online at www.mofb.org/webquest.

Google Analytics Dashboard reports 87,779 hits with 247,642 pages viewed in 2010. Exhibiting at statewide teacher events including the MO Association of School Librarians promotes the resource to educators and pre-service educators. These venues provided over 4000 contacts.

Teacher in-service and pre-service workshops qualifying for Professional Development continue. Topics provide accurate portrayals of agriculture and ideas for infusing agricultural concepts into the curriculum.

Dent and Texas Counties hosted over 700 4th grade students during a Farm Day event providing hands-on experiences in agriculture.

\$7500 in mini-grants was awarded to teachers providing assistance with resources, consumables and field trips to provide accurate agricultural messages to students.

County Farm Bureau volunteers provide program support for schools in their respective counties. These include field days, classroom resource persons, materials for classroom use and organizing teacher workshops.

Partnerships provide opportunities to multiply efforts. Venues including the American Royal, St. Louis Science Center, Missouri State Fair, Kansas City AgriBusiness Council, FFA, Sigma Alpha, St. Louis Agriculture Business Club and Agriculture Leaders of Tomorrow promote agricultural literacy to a variety of audience.

Major Program Impacts or Outcomes

76% of educators participating in workshops, in-service or pre-service education have utilized some of the materials within their classroom.

75% of the teachers/librarians introduced to the webquest program indicate they have visited the website and will utilize the program to enhance student learning.

93% of the teachers in the pre-service workshops indicate they have visited the website and will plan to utilize the materials and develop teaching units for use in the classroom.

79% of 4th grade teachers utilized agricultural concepts in their study of Missouri.

84% of the teachers participating in the Farm Day Programs in Dent and Texas Counties indicated they utilized the agricultural message pre/post within their classroom.

41% of schools across Missouri have linked their school page to the webquest site.

Biosketch

State Contact: Diane Olsen; dolson@mofb.com

B.S. Missouri State University, Springfield, MO

M.S. from University of Missouri, Columbia, MO

Additional post-graduate studies at the University of MO

11/1/1985-Present-Director of Promotion and Education for Missouri Farm Bureau Federation

1969-1985-University of Missouri Extension Child and Family Development Specialist

11/1/1985-Present Missouri Agriculture in the Classroom State Contact

1997-1998 President-Elect of the National Agriculture in the Classroom Consortium

1998-1999 President of the National Agriculture in the Classroom Consortium

Montana 2010 Report

Classroom Resources

1. Montana Kids, Critters, & Commodities, integrated agriculture lessons for grades 4-6. Available in electronic format, hard copy, or on the web at: <http://www.aginmontanaschools.org/teachers.htm>
2. Montana Rangelands, Getting to Know the Pieces. Includes integrated lessons on Montana Rangelands with science kits and poster. Poster on web at: <http://www.aginmontanaschools.org/teachers.htm>
3. Poster: Agriculture! Montana's #1 Economy. Developed to showcase commodity production by counties in Montana, includes Indian Education for All requirements and statistically links to the NASS bulletin for Montana.
4. The Very Hungry Caterpillar Visits Montana workbook was again granted permission by Eric Carle for 2010, this continues to be Montana's teachers favorite agriculture literacy hands on publication for grades K-4. <http://www.aginmontanaschools.org/teachers.htm>
5. Economics and Agriculture lesson plans developed for grades 5-9. <http://www.aginmontanaschools.org/teachers.htm>
6. Health and Nutrition lesson plans and links were added to the Ag in Montana Schools website. Eat Fit was suggested by Ag in Montana schools and is currently being used in one of the largest school districts in Montana. <http://www.aginmontanaschools.org/teachers.htm>

Major Program Accomplishments or Outputs

One of our greatest accomplishments this year was implementing teacher pre-services at Montana Universities. Helen Hanson, President of AMS, met Montana College Professor of the Year, Delena Norris-Tull, at a meeting in Washington, DC. Following their conversation, Dr. Delena Norris-Tull opened up her classroom for agriculture literacy teacher pre-service training. Dr. Delena Norris-Tull has requested agriculture literacy be offered to all pre-service teachers from this point forward at Western.

Agriculture in Montana Schools 4-6 grade curriculum, Montana Kids, Critters, and Commodities was completed. The 4-6 grade curriculum contains over 190 pages of lesson plans and activities, each integrated and written to state standards. An economics section was added for grades 5-9, demonstrating some of the key elements of agriculture economics. Curriculums are now available on cd and the AMS website.

A partnership with DNRC resulted in a Montana Rangelands curriculum. Positive benefits of grazing, rancher management of rangelands, and multiple uses were the focus. Lesson plans (developed or adapted) and a colorful and educational poster accompanied the project.

Fifty one FFA Chapters pledged to build and plant classroom garden boxes with elementary students for AMS. A shortage of agriculture education majors at Montana State University resulted in an SAE program for FFA students, who will experience teaching in a 5th grade classroom with concise and accurate modeled lessons on agriculture science subjects, developed by the Ag Literacy Specialist.

The contest (formerly known as the Bumper Sticker contest) has had some revisions and is now called the Show Me and Teach Me about Montana Agriculture contest. This year's winning artwork and slogans will be printed on placemats along with recipes for Montana's best commodities. Placemats are distributed to schools, restaurants, and businesses across Montana as part of National Ag Week celebrations.

Major Program Impacts or Outcomes

90% - 95% of the 3000 teachers who attended Montana Educations Associations two day seminar visited the AMS booth and were eager to take and utilize materials.

100% of teachers who attended teacher in-service trainings said they would use the new agriculture literacy materials in their classrooms.

Our state mandates Indian Education for All. 100% of the new curriculums we developed this year contain lessons

which address this legislative mandated education.

Through our workbook based on Eric Carle's Very Hungry Caterpillar we have recorded a 500% increase in large school districts using agriculture literacy materials in grades K-4.

300% increase was seen in the amount of universities/colleges who were open to teacher pre-service training.

Biosketch

State Contact: Lorri Brenneman; lbrenneman@mt.gov

I was raised in Montana in a very small town next to Glacier National Park, and have lived in Montana most of my life. My family includes my husband David, and our two children. I attended Montana State University and earned my undergraduate degrees in 2001. I graduated with a Masters in Education and Curriculum Instruction/Development in 2007.

My interest and love of agriculture began when I went to spend summers helping my grandmother on her farm. I went on to be involved in agriculture as a high school student, and I also studied agriculture during my undergrad degree. My husband and I have operated small farms over the last 18 years, raising crops like mint, certified hay, and Piedmontese beef along with our standard crops. I have been involved with AITC for 4 years. During the first two years I was working as a teacher in an elementary/middle school where I taught plant sciences among other subjects, and worked with Ag in Montana Schools. I have been involved in the National Agriculture in the Classroom organization for about 2 years. I enjoy working with Agriculture in the Classroom, and find that agriculture literacy is really very much sought after by teachers and students as our world moves away from its agricultural roots.

Nebraska 2010 Report

Classroom Resources

Revised instructional units as the State Standards in math, science and language arts were changed in 2010.

Major Program Accomplishments or Outputs

Four workshops were presented to the FFA Chapter Officers through their COLT Leadership Training. This year the theme, R U Smarter Than Your Ag Teacher. The students and the FFA advisors were actively involved in answering questions from the Food and Farm Facts booklet and selected questions from the Ag Teachers. Four sessions were also held for the FFA Advisors to update them on new resources from AITC and invite them to participate in the workshop. Each chapter received the book, Borlaug by Noel Vietmeyer.

Expanded the PreService Presentations to secondary and middle level students in 11 colleges and universities across the state. Education majors are being reached in the basic methods classes from 2 to 3 hours per session.

The Ag Pen Pal Program continues for the 20th year to reach elementary students. We ask the family to write at least 3 letters and if possible to visit their classroom.

The mobile Learning Barns are present in 36 counties across the state. The Learning Barns contain educational resources, games, farm equipment, puppets, literature books, CD's, DVD's and teacher resources.

Through the AITC Endowment Fund, 4 teachers were awarded mini-grants. These grants provide the teachers with funding for resources, literature books, field trips, science fair projects that are related to agriculture.

Our major fundraising event, a golf tournament was held for the 12th year.

This year through our partnerships we were able to reach more students and teachers during Earth Day, Family Nature Nights, Ag Awareness Festivals and Farm School summer program. Our partners include Bright Lights Summer Program, Natural Resource Districts, University of Nebraska Extension, Educational Service Units and FFA.

Two mailing's to the Ag Pen Pal classrooms for National Agriculture Week and National Farm/City Week. Each classroom recieved educational resources to use during these two special weeks.

Major Program Impacts or Outcomes

The PreService Presentations continue to expand and this year reached over 600 future teachers. The presentations were in these basic subject areas-social science, math, science, reading and art. We experienced a 24% increase in orders for AITC resources. The evaluations from the PreService on a scale of 1-5, five being the highest were:

93% rated the packet of resources as a 5.

94% rated the Lesson Plan Booklet as a 5.

92% rated the hands-on activities as a 5.

93% rated the activities related to core subjects as a 5.

96% rated the presenter as a 5.

The teachers involved in the Ag Pen Pal Program completed an evaluation that indicated 82% of their students had increased their knowledge of agriculture by two places (40%) or more on a scale of 1-5. For 53%, the knowledge gain was three places (60%) or more. Overall, 99% of the teachers completing both the Ag Pen Pal and Learning Barn evaluation scales reported a knowledge gain for their students because of their participation in the Ag Pen Pals Program.

In two of our largest cities the Learning Barns were moved to 43 elementary classrooms reaching 1,150 plus students. Of the responses received from the teachers, 77% rated the educational content a 5 and four teachers rated the content as a 23%

The mini-grants from our Endowment Fund awarded 4 teachers nearly \$1500 to purchase resources for their classroom.

The golf tournament raised \$26,000 for our general fund.

One hundred twenty-eight FFA students attended the workshops during the COLT sessions and 66 FFA Advisors were present for the update on AITC Resources.

Two mailings were sent to the 240 Ag Pen Pal teachers for National Agriculture Week and National Farm/City Week. Each received a science kit, literature book, Beef Ag Mag and Teacher's Guide. Of the evaluations returned 95% rated the resources excellent and very useful in their classrooms. Approximately 6,000 students were reached through these 2 mailings.

Biosketch

State Contact: Deanna Karmazin; deannk@nfb.org

Master of Science in Agricultural Leadership, Education & Communications

Certified Teacher in the State of Nebraska

Fifteen Years experience writing curriculum for Agricultural Education

Nevada 2010 Report

Classroom Resources

An activity Book for students in grades 3 through 6th entitled Sheep and Wool in Nevada was developed and will be distributed beginning March 2010

Major Program Accomplishments or Outputs

Farm City Festivals and Ag. Days continue to be our most successful method of getting our message to teachers and their students. In 2010, the two largest events in Reno and Las Vegas were not held because of school district cuts to funding field trips. Several counties are conducting Ag Days on site at schools to deal with budget cuts. We distributed approximately 13,000 of the Sheep and Wool in Nevada books to 3rd. thru 6th grade students. The increased focus on school gardens has helped create an awareness of AITC programs and materials but a lack of resources and staff has limited our ability to capitalize on the increased interest. Several school gardens were started with one time grant funding from government programs only to be abandoned when they were left to the schools to maintain.

Major Program Impacts or Outcomes

1. Students in over 8000 Nevada classrooms are able to identify what the State of Nevada looks like.
2. Students can associate the agricultural products within each of the 17 counties
3. over 4400 students and their teachers have a better understanding of where their food and fiber comes from by attending AITC Farm/City events in 2010
4. Nearly 100 Middle and High School students improved their knowledge of agriculture and their own ability to speak in public about agriculture by assisting with stations at AITC events
5. 3rd. thru 6th grade students in over 400 classrooms have an understanding of the history, culture, and economic importance of the sheep industry in Nevada through the use of the activity book- Sheep and Wool in Nevada

Biosketch

State Contact: Dennis Hellwinkel; nvaitcdennis@wildblue.net

Native Nevadan

BS-Ag Business-University of Nevada

Dairy owner/operator for 30+ yrs.

past president- Nevada Farm Bureau

involved with Nevada AITC for over 20 years

State Coordinator-6th year

executive director Nevada Heritage Foundation

program director- Agriculture Council of Nevada

State Coordinator-Project Food, Land, and People

Regional Banking Officer-Farm Bureau Bank

New Hampshire 2010 Report

Classroom Resources

A curriculum for NH Agriculture History was created.

Major Program Accomplishments

Our biggest accomplishments were:

Hosting a Harvest Dinner fund raising event.

Major Program Impacts or Outcomes

None reported in 2010

Biosketch

State Contact: Ruth Smith; nhaitc@nhfarmbureau.org

I began as the NHAITC statewide coordinator in December, 2010.

Education: BS Environmental Conservation, University of New Hampshire

MS Environmental Studies/Environmental Education, Antioch University New England

Prior Experience:

Provided environmental education programs for NH students and teachers for over 20 years.

Experience with school and youth gardens and various interdisciplinary and hands-on learning in classroom and non-formal settings.

Workshop presenter at many statewide and regional education conferences.

Local food advocate working to connect farmers and consumers.

Homestead farmer raising chickens, meat rabbits, over 45 varieties of organic fruits and vegetables, and Christmas trees.

Board member on NH Environmental Educators, New England Environmental Education Alliance; member of NH Children in Nature Coalition, Capital Area Wellness Coalition, Northeast Organic Farming Association-NH Chapter, NH Farm Bureau, and NH Center for Non-profits.

Regular contributor of articles on agriculture and environmental awareness for local newspapers and statewide publications.

New Jersey 2010 Report

Classroom Resources

None Reported for 2010

Major Program Accomplishments or Outputs

The Learning through Gardening (LTG) program funded eleven elementary school gardens throughout New Jersey. A kick off pep rally was held at ten of the schools, with the entire student body in attendance. Students participated in an assembly to introduce the annual poster and essay contest Food, Fitness and Fun. Demonstrations of how active one can be while working in the garden and the benefits of eating fresh produce were the themes of the pep rally. We had 100% participation from the LTG schools in the poster and essay contest. Classroom teachers at each school participated in professional development workshops such as Cultivate the Curriculum-an introduction to school gardening, Supermarket Science-a hands-on approach to teaching science using common food items, and Smart Snacks-the science behind why certain snacks are good for you. In addition, all garden committee members participated in a full day workshop to share their successes from the planting season and learn hands-on activities to teach nutrition. In November, LTG attended the NJEA convention to distribute information on the garden grant program, as well as present two workshops.

Major Program Impacts or Outcomes

Approximately 5700 students were given the opportunity to grow and harvest their own food.

100% of teachers surveyed reported an increase in student interest in science, math and language arts

3652 students participated in a poster and essay contest to celebrate farm city week

1600 students sampled food prepared with student-grown herbs and vegetables

Biosketch

State Contact: Joan Elliott; joan.elliott@ag.state.nj.us

Joni Elliott has a BA from Connecticut College and an MA from the Eagleton Institute at Rutgers University. She currently works for the NJ Department of Agriculture and serves as the Executive Director of the NJ Agricultural Society. She has been in these positions for almost 19 years and throughout this time has been responsible for New Jersey's Ag in the Classroom Program. While in this position, Mrs. Elliott also developed the NJ Agricultural Leadership Development Program, which provides leadership training for young agriculturalists in New Jersey, as well as the Farmers Against Hunger program. The Farmers Against Hunger program collects more than 1.5 million pounds of fresh produce and distributes it to more than 6,000 needy people in New Jersey every week, 52 weeks a year.

While in her current position, promoting the importance of agriculture to the state's economy and quality of life to the non-farm public, she has also planned and executed a farm tour for New Jersey Legislators and members of the Governor's senior staff, where participants go to farms and learn directly from farmers how they farm in the country's most densely populated state.

Prior to joining the NJ Department of Agriculture, Mrs. Elliott worked for the NJ Legislature as a budget analyst, was a Washington lobbyist at Johnson & Johnson, and served as a policy advisor to Governor Thomas Kean. Mrs. Elliott is married to Dr. Zane Helsel.

New Mexico 2010 Report

Classroom Resources

None reported for 2010

Major Program Accomplishments or Outputs

NMAITC participated in 5 ag day events, and organized busing of students to a local fair and corn maize.

Major Program Impacts or Outcomes

Increased awareness of agriculture in 2,187 students state-wide.

Used NMAITC curriculum with 14 teachers.

Biosketch

State Contact: Traci Williams; traci.williams@nmfarmbureau.org

Degree in Elementary Education from Eastern New Mexico University

Eleven years teaching experience in first, second, and third grades.

Recently appointed Director of New Mexico Ag in the Classroom January 2011.

New York 2010 Report

Classroom Resources

Agriculture Literacy Week 2011 Teacher Resource Guide and Activity www.nvaged.org/aitc/literacy.htm

3 Starter lessons for use in the Kids Growing Food program. They explore soil science, the harvest year and germination.

Major Program Accomplishments or Outputs

6 new KGF teacher mini grants were awarded to establish school food gardens through the Kids Growing Food program. One KGF II mini grants were awarded to previous recipients of the KGF I grant to maintain or add to already existing KGF Gardens.

New York State held its 5th annual Ag Literacy Week event in 2010. This year's project touched the lives of over 40,000 second grade students across New York State with over 300 volunteer readers in over 2000 classrooms in over 500 elementary schools. This year we added two new elements, the first being a book written by NYAITC Staff along with a Teacher Resource Guide. We are planning to conduct our sixth annual Ag Literacy Week this year using the book *The Chicks and Chickens* by Gail Gibbons.

We also conducted the annual Be Aware of Agriculture contest partnered with the New York State Farm Bureau Foundation for Education, which provided agriculture literacy and awareness to over 530 students within the state. Other partnered educational events with NY Farm Bureau Foundation for Education, CCE Educators, Ag Educators, and others to promote and distribute 100 History of American Agriculture CD s.

Workshops for teachers, extension educators, and volunteers were offered at several different venues, including Farm Bureau spring conference, Cooperative Extension and Agricultural Educators professional development conferences and at local CCE offices and schools.

NYAITC was present at many events around the state and our presence at the NYS Fair was dramatically expanded this year due to our management of the MOO Country area in the dairy building. Moo Country is an interactive children's area which includes a petting zoo, birthing video and a large Dairy-rama" which depicts the path milk travels from farm to table.

Major Program Impacts or Outcomes

350+ grants have been awarded since 1998 to start and develop school food gardens through the NY Ag in the Classroom Kids Growing Food program. Survey data indicates that the gardens impacted well over 65,000 students, teachers, and community members in 2007 by: creating opportunities to make links to agriculture, food systems, and good nutrition; increasing student motivation; providing opportunities for peer teaching; teaching life skills; integrating garden-based learning into the core curriculum; and involving the community in the gardens.

40000 elementary age students received instruction during our Ag Literacy Week Program.

150 Educators were trained on the Food, Land and People Curriculum

Over 30,000 passed through our Moo Country area at the NYS Fair.

530 students entered our Be Aware of NYS Agriculture Contest

Biosketch

State Contact: Heather Davis; hed24@cornell.edu

Heather Davis is originally from Western Massachusetts. Growing up Heather had an interest in Equine and small animal science, but it was not until she attended the University of New Hampshire that she found her true passion for dairy science and agriculture education. Heather graduated with her bachelors in dairy science and then attended Cornell University where she received her masters in teaching (Agriculture and Biology) in the spring of 2008. Heather has a wide range of experience from working as a farm manager at UNH's dairy facility, a daycare attendant/trainer at a doggy day care or both a small and large animal vet tech. Since January of 2008 Heather has served as the interim coordinator for NYAITC and just recently was appointed to the permanent position.

North Carolina 2010 Report

Classroom Resources

In final stages of completing "Hi, Cotton" lesson plans are completed and delivered to 40 schools systems via AITC Ambassadors - These lessons-one for each grade PK-12th-are online and accessible for all educators.

Major Program Accomplishments or Outputs

Eighty-seven (87) of our 100 county Farm Bureaus have now elected to purchase "The Farmer Grows a Rainbow" nutrition education kits for EVERY elementary school in their counties. Many have chosen to purchase them for private and charter schools as well. With the kits is a required 3 hour training session arranged and conducted by NC AITC staff. These are the stats:

- Training has been completed in 61 counties; others are scheduled or are in the process of being scheduled
- 1206 teachers have now been in trainings to date
- Through these trainings, we have had not only had the opportunity to train teachers in the use of the kits, but also to make them aware of the services available through NC Ag in the Classroom. This opportunity has significantly increase the exposure of AITC among school systems and schools in N.C.

Major Program Impacts or Outcomes

802 sets of Ag in the Classroom curricula have been downloaded by teachers from our website

NC AITC received unsolicited requests

- from five colleges/universities to do preservice training with their student interns
- presentations/workshops at a collaborative of 13 school systems which support beginning teachers
- three county school systems wanting 3-6 hours of professional development sessions

Monthly AITC Ambassadors report activities in which their students have participated in AITC lessons and how they are sharing info about AITC with their colleagues ¶ 37 of our 48 Ambassadors reported in the past year. Examples formation and continued activity with junior FFAs (2), participation in Ag Days (5), assistance with summer workshops and conference presentations (10), distribution of materials (20), AITC display at opening of school convocation (1), display at county fair (1), school gardens (10), research project and curriculum development (1)

Educators from other states have requested to use The Farmer Grows a Rainbow for professional development programs

Biosketch

State Contact: Louise Lamm; louise.lamm@ncfb.org

22 years as classroom teacher in public schools of NC

Bachelors degree in History

Masters degrees in Curriculum and Instruction and Supervision

Was married to a farmer for 37 years

Director of NC AITC for 18+ years

Held offices in national AITC Consortium - regional representative, treasurer, President, and Past President

North Dakota 2011 Report

Classroom Resources

AgMag - <http://www.ndaginclassroom.org>

Major Program Accomplishments or Outputs

The North Dakota Agriculture in the Classroom program had four major components again this year:

Project Food, Land & People (FLP) Teacher Workshops were held to educate 135 K-12 teachers on integrating agricultural information into their curriculum. Each participating teacher received a copy of the Resources for Learning, as prepared by the national FLP organization. In addition, teachers took tours and listened to guest speakers to learn more about agriculture (North Dakota's #1 industry) and how to make it relevant to their students. We had 9 summer workshops and one online course during spring semester. We have 4 versions of the program due to overwhelming requests from educators who want more. This was the 4th year that FLP training was offered via correspondence and/or online. Educators receive credit from North Dakota State University for each one. The educators affect ag literacy of approximately 2400 students an average of 5 times each year with a FLP lesson.

Three editions of the North Dakota Ag Mag (with Teacher Guides) were distributed to students in grades 3-4-5. The total distribution was 2100 issues for the year.

The North Dakota Geographic Alliance coordinated an agriculture tour for a total of 30 elementary and high school teachers to give them a firsthand glimpse into the agriculture industry.

A Mini-Grant Program funded 30 projects that promoted agricultural literacy over 5800 students and adults by using hands-on activities to develop and enrich understanding of agriculture as the source of food and fiber in our society.

Major Program Impacts or Outcomes

90% of teachers attending our summer workshops indicated they will use the curriculum at least 5 times reaching approximately 2400 students. 95% of those teachers have indicated they have an extremely high degree of satisfaction with the experience and will utilize the materials since it is matched to state standards.

21,000 times this school year students receive the ND AgMag publication.

Agriculture literacy increased for approximately 5500 students and community members due to the programs funded by the Mini-Grants made possible.

3,464 students have improved agriculture literacy due to the annual field trip programs "Living Ag Classroom" and "Special Assignment Pizza".

Biosketch

State Contact: Gail Bakko; gails@ndfb.org

Gail Bakko has been Director of Special Programs with North Dakota Farm Bureau for 15 years. Gail has worked with the ND Ag in the Classroom program and Food, Land and People program for 9 years.

Ohio 2010 Report

Classroom Resources

50 unique segments of the Our Ohio PBS television series uploaded to TeacherTube and WatchKnow websites. <http://www1.teachertube.com/> search for Ohio Farm Bureau.

12 new lessons added to the student activities and matched to state standards at <http://ourohio.org/teachers/>

Major Program Accomplishments or Outputs

The Ohio Farm Bureau (OFB) network is the main Ohio AITC delivery system. 84 of 87 county Farm Bureaus have a Communications Action Team in place which includes education outreach.

The OurOhio.org website includes a teacher section of lessons matched to short articles, often with supplemental videos, and houses the eLetter for teachers. New, is the enhanced list of Top 200 crops and animals with definitions and photos. Other sections of the website have info that teachers and students find relevant. The Our Ohio website had 252,548 unique visitors in 2010 with more than 11,700 views of teacher and student pages.

Twelve new student activities were added to the Our Ohio website this year. Our Ohio Student Activities are written by a classroom teacher who takes stories from Our Ohio magazine and develops at-home lessons that meet Ohio Academic Content Standards.

OFBF has uploaded more than 50 videos to TeacherTube with more than 20,670 views for the year, to counter the blocking of YouTube videos by schools. WatchKnow website is also used as a distribution channel for the Our Ohio PBS videos.

Subscriptions to the free bi-monthly teacher e-letter were 1,330 subscribers up from 900 a year ago.

30 urban dist. teachers learned about careers in ag, biotech and the science of ag during three days of professional development at the OSU/CFAES.

A unique educational resource was sent to 333 teachers who are current FB members. More than 500 5-6 gr students learned about agriculture at the OSU in an all-day program.

A pilot program was conducted with four FCS high school teachers and their students. Farmers shared healthy, locally grown foods with the students and talked about the many facets of the food industry.

The annual book award was Mini Milk Maids on the Mooove which was included in a book bundle. 500 book bundles were placed in schools and libraries.

More than 10,000 children planted a flower and took it home at the Ohio State Fair.

Major Program Impacts or Outcomes

97 percent (84 of 87) of the counties conducted education programs.

48 percent increase in number of teachers signed up for the bimonthly eLetter.

20,670 views of Our Ohio PBS television segments on TeacherTube, a new avenue for distribution of educational videos this year.

More than 11,300 views of teacher and student pages of the Our Ohio website this year that had more than 252,548 unique visitors in total for 2010.

Over 500 students and 30 teachers learned about agriculture first-hand at the land grant university with support from OFB.

Volunteers placed 500 book bundles of accurate books about agriculture for children in schools and libraries.

Biosketch

State Contact: Pat Petzel; ppetxel@ofbf.org

Oklahoma 2010 Report

Classroom Resources

Action Agriculture Across Oklahoma (DVD: link from <http://oklahoma4h.okstate.edu/aitc.html>)

Smart Board Activities (<http://oklahoma4h.okstate.edu/aitc/lessons/extras/smartboard.html>)

Multimedia Presentations (<http://oklahoma4h.okstate.edu/aitc/lessons/extras/powerpoint.html>)

Ag in Poetry (<http://oklahoma4h.okstate.edu/aitc/lessons/extras/songs/poems.html>)

Oklahoma Ag in the Classroom school year calendars

Oklahoma Ag in the Classroom agricultural commodity maps

New lessons:

A Rafter of Turkeys (<http://oklahoma4h.okstate.edu/aitc/lessons/turkey2.pdf>)

Norman Borlaug, Hunger Fighter (<http://oklahoma4h.okstate.edu/aitc/lessons/upper/borlaug.pdf>)

Pop, Pop, Popcorn (<http://oklahoma4h.okstate.edu/aitc/lessons/primary/popcorn.pdf>)

Fall Plowing: Drawing to Scale (<http://oklahoma4h.okstate.edu/aitc/lessons/extras/art/fallplow.pdf>)

3-D Dairy: Graphing Dairy Production Statistics (<http://oklahoma4h.okstate.edu/aitc/lessons/upper/dairy.pdf>)

Pizza Portions: Finding the Percentage of Daily Caloric Intake
(<http://oklahoma4h.okstate.edu/aitc/lessons/upper/pizza2.pdf>)

Pizza for Everyone (<http://oklahoma4h.okstate.edu/aitc/lessons/pizza.pdf>)

Agriculture in Motion (<http://oklahoma4h.okstate.edu/aitc/lessons/machines2.pdf>)

Major Program Accomplishments or Outputs

Action Agriculture Across Oklahoma DVD

Ag Day poster, essay, bulletin board and storyboard contests, culminating in Ag Day celebration at the capitol

Workshops and in service training statewide

Summer tours for professional development

Statewide At in the Classroom teacher conference

Major Program Impacts

100 percent of the lessons on Oklahoma Ag in the Classroom web site are aligned to the Oklahoma Priority Academic Student skills and updated regularly.

96 percent of Pre-K-8th grade teachers received curriculum to incorporate agriculture literacy into their classroom curriculum.

50 percent of attendees at six OK State Dept of Education conferences learned how to include agriculture literacy into their curriculums.

Presentations at 85 percent of the state education conferences.

100% of the pre-service agriculture education teachers and elementary teachers at three state universities learned the importance of teaching agriculture literacy.

19 percent of Pre-K through 8th educators and cooperative extension educators received updated OAITC information and lessons each month through the OAITC web site.

OAITC resources sent to 100 percent (all 77) counties in Oklahoma as requested by teachers and cooperative

extension educators.

99 percent of the teachers submitting grant proposals met the qualifications and were awarded up to \$300 each.

Biosketch

State Contact: Dana Bessinger; danna.bessinger@ag.ok.gov

Dana Bessinger is a coordinator for the Oklahoma Department of Agriculture, Food, and Forestry Market Development Division program Ag in the Classroom. She is a Nationally Board Certified Teacher in Early Adolescent Science who taught middle school life science and also a stint in first grade. Dana has been involved in education for 25 years. She has provided professional development for teachers across the state, presented at state and national conferences, developed resources and written lessons for Ag in the Classroom. Dana has a BS in Education and a Masters of Agriculture from Oklahoma State University. Her husband Barry is a VP for Chisholm Trail Farm Credit. She has two sons and one grandson.

Oregon 2010 Report

Classroom Resources

New Lessons/Activity Pages:

Food Explorer 1

Food Explorer 2

Math & Science Pumpkins , Activity 1

Math & Science Pumpkins, Activity 2

Math & Science Pumpkins, Activity 3

Pumpkin Pie in a Bag

Apples to Oregon and a Growing Bracelet

Build a Mini Worm Bin

Grow an Apple Fungus

Living Necklaces

Dirt Babies

Yogurt & Microorganisms

All are available at: <http://aitc.oregonstate.edu/resources/activity.htm>

This page will be updated shortly.

Major Program Accomplishments or Outputs

We reached more than 13,700 students through our third annual literacy project. More than 375 volunteers read to K-5 students in 30 of our 36 counties.

We started a Facebook page last January and it's been a successful outreach for the program with more than 600 friends.

We created a new commodities section on our website and feature Dungeness crab, hazelnuts, grass seed and beef.

We updated several of our activity pages to include state standards and essential skills.

Nearly 300 people attended our Fall Harvest Dinner, which is our only fundraising event. We raised \$35,000 and sold 48 cases of Get Oregonized books that will be donated to schools throughout the state.

Oregon Agriculture in the Classroom Foundation was reorganized 11 years ago. During the first year, we reached about 3,000 students. In the last school year we documented over 106,000 students. We have one full time and two part-time staff with a college student intern.

Major Program Impacts or Outcomes

AITC materials and lessons were delivered to more than 106,000 students, an increase of 26% from the previous year.

Biosketch

State Contact: Tami Kerr; tami.kerr@oregonstate.edu

BS in Agriculture Business Management with a minor in Animal Science from Oregon State University.

Eleven years as Executive Director of Oregon AITC.

Pennsylvania 2010 Report

Classroom Resources

<http://www.pfb.com/programs/aq-in-the-classroom/>

Major Program Accomplishments or Outputs

50 Participants

AITC 10 summer workshop was opened to all formal and informal educators. Public and private school teachers, school counselors, cooperative extension educators, and job corps educators all took advantage of this year's program.

AITC 10 summer workshop included an additional on-farm educational session and a County Fair to highlight Ag related educational resources available for teachers.

100 % of 2010 PA AITC summer workshop participants would recommend the course to a colleague.

Major Program Impacts or Outcomes

Of the 51 subjects taught by 2010 PA AITC summer workshop participants, Agriculture will now be taught in 49.

2010 PA AITC summer workshop participants previously taught 6814 students. These participants will reach now reach 7741 students with information learned at AITC.

2010 PA AITC summer workshop participants previously devoted 33 weeks to agricultural concepts (17 participants devoted 0 weeks). 2008 PA AITC summer workshop participants will now devote 78 weeks to information learned at AITC (9 participants will devote entire year, and 0 participants will not devote any weeks).

Biosketch

State Contacts: Stacy La Barko; splabarko@pfb.com

I have a masters degree in Business and a bachelor's in Education. I am new to AITC however I work with some great volunteer coordinator's and staff that have decades of experience.

Rhode Island 2010 Report

Classroom Resources

We developed a DVD (video) about all the agriculture in RI and distributed it to every 6th grade in RI. It was also broadcast on cable TV.

Major Program Accomplishments or Outputs

None reported for 2010

Major Program Impacts or Outcomes

None reported for 2010

Biosketch

State Contact: Al Bettencourt; albettjr@aol.com

Al Bettencourt has a master's degree in public administration and a BA in social science / secondary education. He is the executive director of RI Farm Bureau. He has worked with the RI Farm Bureau for nearly 11 years. From 1981 - 1993 he was the state executive director of the ASCS (now called FSA). He started the Ag in the Classroom program in RI in 1983. He received the administrator's Award for Service to Agriculture in 1990 for his service to the AITC program. He turned the program over to RI Farm Bureau when he left USDA in 1993. When he returned to the Farm Bureau in 2000 he resumed running the program. He turned over the program to RICAPE in 2002. RICAPE gave it back to the Farm Bureau in 2010.

South Carolina 2009 Report

Classroom Resources

AgKnowledge Booklets(Grades K-2)Teacher Guide included

AgKnowledge Booklets(Grades 3-5)Teacher Guide included

Bookmarks

Major Program Accomplishments or Outputs

SC AITC created AG booklets for students in grades K-2 and 3-5.

Major Program Impacts or Outcomes

9585 students received agricultural instruction this year through our Ag Simulator Mobile Unit and its accompanying lesson plan.

Biosketch

State Contact: Vonne Knight; vknight@scfb.org

SC Farm Bureau Director of Ag Literacy Programs Ag in the Classroom Program - 2 years service

Teacher for 29 years in both public and private schools and served as a Headmaster

South Carolina Independent School Association Master Teacher

Recognized by SCFB Federation as the 2005 Betty J. DeWitt Outstanding Educator Award winner and by the American Farm Bureau Federation as the White-Rhinehardt Agricultural Teacher Scholarship Award Winner

Prior to joining the SCFB Promotion and Education Division as the Director, she served as a contract presenter for the Ag in the Classroom Program

South Dakota 2010 Report

Classroom Resources

Food,Feed,Fuel Ag Mag

Added Volunteer Resources to website

Pollinator Workshop

Early Childhood Workshop

Major Program Accomplishments or Outputs

Teacher Training: SDAITC participated in the Summer Symposium hosted by the Sioux Falls School District (SD's largest district)SDATIC presented 4 workshops. 120 teachers participated.

Partnered with Project WET, WILD & LEARNING TREE for a new distance learning graduate credit course. 90 teachers participated in Fall and Spring courses. Continued to implement pre-service training. Currently presenting at 4 universities both fall and spring semesters. 250 students participated.

Continued our Ag Mag publication sent to 1500 classrooms for a total 28,000 students, 3 times during the school year.

Implemented Ag Literacy Project that utilized over 150 volunteers who reached over 3000 students.

Major Program Impacts or Outcomes

None reported for 2010

Biosketch

State Contact: Lisa Dorschner; lisa@sdaqclassroom.org

Lisa Dorschner has been the Executive Director of SD AITC since June 2000. She is a lifelong SD resident and was raised on a livestock and small grain farm near Winner, SD. She is a graduate of South Dakota State University with a degree in Family & Consumer Science. Prior to AITC, Lisa was a classroom presenter for the SD Beef Industry Council's Ag Venture program. Lisa is also a graduate of South Dakota Ag & Rural Leadership Class IV.

Tennessee 2010 Report

Classroom Resources

ACE Grant Summaries CD www.agclassroom.org/tn

Major Program Accomplishments or Outputs

Our summer institutes continued to be successful.

Seventy Farm Days sponsored by County Farm Bureaus continued to strengthen the tie between the local schools, farms and AITC program. Another project provided 41 grants to fund counties that develop a farm tour program. The grants were awarded totaled \$19,950 for farm tours. This was an increase over the previous year. Funds were generated by the sale of Tennessee Country: In "The Land of Their Fathers" a coffee-table book featuring photos and essays about Tennessee. The book was commissioned by two of Tennessee Farm Bureau's service companies and provides 100% profit to the grant program.

The Foundation's fundraising efforts continue to attract new donors and find new avenues for raising funds. The golf tournaments broke records for participation and funds raised.

The Farm Bureau Women's two cookbooks continue to sell. The Vol. I book is in its fourth printing. The books are sold through the county offices as well as phone orders handled in our state office.

The Tennessee Foundation for Agriculture in the Classroom provides grants to schools that establish outdoor classroom gardens. Thirty-four schools received funds (\$13,500) this year to start or continue their garden projects. This was a 31% increase over last year. Many schools that have been funded for projects in the past have become self-sufficient.

Major Program Impacts or Outcomes

All of the teachers participating in our summer institutes said that they intend to incorporate AITC materials into their classroom activities. This represents a minimum of 7,500 additional students being introduced to agriculture's role in our society. 60,000 students participated in farm tours. Volunteers representing production agriculture, agriculture businesses and associations developed displays to share with teachers and students at seventy locations.

By providing training to Extension Agents, the Foundation extends the reach of AITC materials to Tennessee's 328,086 4-H members. Lesson plans are distributed online and on cd-roms to agents. Since our 4-H program is still in the schools, contact with students is maintained through teachers, agents, volunteers and AITC staff. Our Extension Agents do not list their time separately for the AITC activities since they are an integral part of 4-H.

Our partnership with the Tennessee FFA Association and the Tennessee Vocational Agriculture Teachers Association allows our materials to be used in a mentoring program. Agriculture Education teachers use our materials in their classes to reach the 31,337 students enrolled in Tennessee's various agriculture courses. The students use our materials during mentoring opportunities with younger students during visits with elementary and middle schools. These opportunities are also excellent recruiting tools for attracting future students into agriculture education.

Biosketch

State Contact: Charles Curtis; ccurtis@tbf.com

Charles Curtis graduated from Tennessee Technological University with a Bachelor of Science Degree in Animal Science in 1969. He began his career in Agriculture as the Farm Manager for Senator Albert Gore, before becoming a loan officer for Production Credit. In 1983 Charles came to work for Tennessee Farm Bureau as a Field Service Director. During this time he participated with AITC at the ground level conducting farm days, tours, etc.. In 1995 Charles became the Director of Special Programs for TFBF with responsibilities over AITC, YF&R, and Farm Bureau Women. Charles has served two terms as President of the AITC Consortium and currently serves on the American Foundation for Agriculture Board of Directors for the American Farm Bureau Federation.

Texas 2010 Report

Classroom Resources

Food and Fiber for the 21st Century---www.txfb.org

Food and Fiber for the 21st Century CD

AITC Book Marks

Texas Agriculture Book covers

AITC Mobile Learning Barn Trailer

Misconceptions About Agriculture (American Farm Bureau)

Be Ag Smart! The Cotton Connection

Texas Agriculture: Life and Livelihood (interactive career CD)

Major Program Accomplishments or Outputs

Texas Farm Bureau AITC held pre-service training for prospective teachers in the College of Education at Texas A&M University in 2010. Approximately one hundred twenty five future teachers participated in four training sessions at Texas A&M University. Each participant received a certificate for a free AITC resource guide, to be redeemed after they have graduated and have a full-time teaching position.

2010 marked the 16th year we held a Summer Agricultural Institute. Since its inception the Institute has trained over 250 teachers, from 110 counties across the state. We continue to hear from many of them as they report back with new ideas, projects and activities based on what they learned at the Institute. Participants received 3 hours of graduate credit and 45 clock hours of Professional Development Credit.

In 2010 there were 17 one-day workshops held around the state with a record 332 teachers attending. These workshops concentrate on training teachers to integrate agriculture across the curriculum, but with a particular focus on science.

A number of 1-3 hour mini-workshops were also held.

The nine AITC Mobile Learning Barn trailers are still popular with audiences. These MLB trailers are equipped with sides that open up to exhibit graphic displays showing the wide variety of crops and livestock grown in Texas. The Mobile Learning Barns are being exhibited at schools, shopping malls, county livestock shows and other venues where the county Farm Bureau wants to tell agriculture's story. During 2010 over 500,000 people viewed the Mobile Learning Barns, learning about the various commodities grown in Texas and how agriculture touches their lives daily.

Major Program Impacts or Outcomes

1. Over 450 elementary teachers participated in AITC teacher training workshops, including attendance at one of 17 full-day workshops, Summer Agricultural Institute, or in-service training.
2. Over 12500 students in grades 1-6 received agriculture instruction from teachers trained in AITC in 2010.
3. Over 120,000 students participated in AITC related activities such as county Farm Bureau sponsored Ag Days.
4. County Farm Bureaus spent over \$17,000 for AITC resource material and to carry out county wide AITC programs in 2010.
5. Over 220 county Farm Bureau member volunteers assisted with AITC programs and activities in 2010.
6. Over 525,000 people viewed the nine Mobile Learning Barn trailers in 2010.

Biosketch

State Contacts: Tad Duncan; tduncan@txfb.org

Tad Duncan graduated from Texas A&M University with a degree in Agriculture Education and Composite Science. He has been with Texas Farm Bureau for 20 years and has been responsible for the AITC program during that time. Prior to working for Farm Bureau he taught High School science and worked in the oil and gas industry. He has a farm in Hill County where he raises beef cattle, meat goats and hay.

Utah 2010 Report

Classroom Resources

1. Bee-Line K-6 Newsletter: Our team published 3-issues of our elementary newsletter. Issues of this 8-page educator publication can be found on our website, <https://utah.agclassroom.org/htm/news>.

1. AgroWorld: AgroWorld (<http://www.agclassroom.org/teen/agro/agro.htm>) focuses on three curriculum areas; science, technology, and society. I prepare 4 issues/year (Sept-Oct, Nov-Dec, Jan-Feb, April-May).

2. This year we reformatted all of our 85+ lesson plans, in preparation for our new website with dynamic database searching. This new site will allow access to all not just teachers registered in our online courses. utah.agclassroom.org

3. Newspapers in Education 2010:From Grass to the Glass.

4. We continued to improve our Utah School and Youth Garden Network <http://www.utahgardennetwork.org>. Three comprehensive lesson plans for the Arts Are Core! USU workshop were developed and posted. All the lessons had a garden theme related to art and science.

5: Three new Career Technical and Education Introduction lessons were developed on agricultural careers as part of a contract with the Utah State Office of Education. These lesson plans resulted in the creation of three new kits/resources for our eStore.

7. Career Videos. This year we developed 20, 2-minute career videos. These videos are part of a SPECA grant from USDA. A career game was also developed and a section of ag career question cards.

Major Program Accomplishments or Outputs

By the end of 2010 we were 90% completed with the design and development of our new dynamic website/online course/and e-store integration project. This new site provides one porthole for accessing our resources, making purchases, creating a library and submitting online course information. The site is dynamic in that all the standards can be updated and lessons realigned in seconds by any AITC staff member, from any place with an internet connection (even a cell phone). Teachers can also easily submit projects and shop with mobile devices. We are pilot testing the new site with seven teachers and will make adjustments as needed during 2011.

Get Growing Garden Workshops - Fall 2011. We continue to offer and fill gardening workshops. We conducted three successful workshops in 2010 for 70 teachers.

We expanded our online Teacher Resource Center both in teacher use and the resources offered. More than 20 resources including books, videos, posters, bulletin boards, and other materials were added to the Resource Center. Our online teacher resource center (e-store) generated \$35,567 in sales and sent out over 998 orders.

120 Career Technical Education teachers received training with revised AITC materials and software.

Three Issues of the Bulletin, our K-6 Teacher Newsletter was distributed to 2,500 teachers.

Deseret News Newspapers in Education Publication was written by AITC and sent to 380,000 students statewide

Farm Field Day Instructional Materials for 500 teachers, statewide

Four issues of the e-zine, AgroWorld, (for secondary teachers) were published. 787 (an increase of 45%) Utah teachers receive this bimonthly publication. An index was created on the AgroWorld Website for back issues along with a promotional flyer for the USDA-AITC website.

Major Program Impacts or Outcomes

This year 210,000 students were taught with AITC created and statewide mandatory instructional units in science (4th grade soils, 5th grade heredity, 6th grade microorganism, K-6 nutrition, Technology, Life and Careers (7th grade)).

30 teachers K-12, enrolled in our online course in 2010-11. Each teacher reaches between 25 and 100 students with 10-20 hours of classroom instruction to meet state standards. That translates into 2100 students who have received 10-20-hours AITC instruction.

15,000 students were reached with classroom materials (books, videos, etc.) from our resource center.

Biosketch

State Contact: Debra Spielmaker; debra.spielmaker@usu.edu

Debra Spielmaker is an Associate Professor at Utah State University and Statewide Director of the Utah Agriculture in the Classroom program. Debra has taught high school agriculture science and middle school science for 7 years in Utah and Montana, she has been at Utah State University for 17 years. The Agriculture in the Classroom program provides teacher training, classroom materials and other resources to teach youth about agriculture; food, fiber, and the environment.

**Vermont
2004 Report**

Classroom Resources

None reported for 2004, 2005, 2006, 2007, 2008, 2009, 2010

Major Program Accomplishments or Outputs

Open Farm Day.

Development of Maple Sugaring n Vermont K-8 VT Standards Based curriculum.

Major Program Impacts or Outcomes

None reported for 2004, 2005, 2006, 2007, 2008, 2009, 2010

Biosketch

State Contact: Koi Boynton; koi.boynton@state.vt.us

Virginia 2010 Report

Classroom Resources

Achieve Magazine, a reading comprehension resource for middle school students, was published, distributed, and posted on the AITC website.

<http://www.agintheclass.org/Teachers/Pages/MiddleSchoolLessonPlans.aspx>

VA AITC premiered The Garden Chef cookbook at the AITC national conference. Organized by food group, The Garden Chef cookbook highlights Virginia commodities and supplies recipes feasible for classroom preparation.

Two new teacher newsletters were printed and mailed to 10,000 teachers each. Topics for the 2009-2010 school year were Animal Welfare and Health and Nutrition. Newsletters include informational article, at least 2 lesson plans, book suggestions, and program highlights. All previous VA AITC newsletters are available for download.

<http://www.agintheclass.org/Teachers/Pages/Newsletter.aspx>

VA AITC provided educational content for the *Diggin' It*; page for the Virginia Farm Bureau associate member magazine, Cultivate. Cultivate has a quarterly circulation of 100,000.

<http://www.agintheclass.org/Teachers/Pages/SupplementalResources.aspx>

Major Program Accomplishments or Outputs

Virginia AITC conducted 84 workshops, serving 1884 elementary, middle, and pre-service teachers. Workshops feature hands-on, standards-aligned, cross-curricular lessons. All workshop participants receive a resource kit with books, posters, and a class set of laminated Virginia commodity maps.

Ready, Set, Grow, a book about Virginia farms was written and published. The book features VA AITC original character, Farmer Ben and his dog Sandy. Farmer Ben and Sandy travel across Virginia visiting various farm operations. Other Farmer Ben items and resources were also introduced, including volunteer activities, coloring pages, and pencils. Farmer Ben materials aid the volunteers by giving them materials to use when working directly with students.

The VA AITC website was given a complete overhaul and facelift. Over 150 lesson plans are currently on the website for teachers to download and use in their classrooms. In preparation for this revamp, the Background Knowledge section of all AITC lesson plans was beefed up to include more detailed agricultural information for teachers.

Major Program Impacts or Outcomes

According to elementary teachers who attended either general or garden-themed workshops:

99.5% of teachers would recommend it to another teacher.

94.5% indicated that their understanding and perception of agriculture had changed as a result of the workshop.

88% of teachers reported that they were very likely to use the AITC materials and resources in their classrooms.

According to middle school teachers who attended an AITC workshop:

100% would recommend it to another teacher.

96% indicated that their understanding and perception of agriculture had changed as a result of the workshop.

85% of teachers reported that they were very likely to use the AITC materials and resources in their classrooms.

Virginia AITC provides support to county Farm Bureaus who would like to supply elementary schools in their area with Learning Barns, which are barn shaped bookshelves filled with agriculturally-themed books. During the 2009-

2010 school year, 26 Farm Bureaus utilized AITC support for this project and placed a total of 76 barns in schools across the Commonwealth.

Biosketch

State Contact: Doug Stoughton; doug.stoughton@vafb.com

I am a graduate of James Madison University in Harrisburg, VA. I hold a BS and MBA from JMU. I have worked for VA AITC for 13 years first as Director of Development and currently as Executive Director.

Washington 2010 Report

Classroom Resources

Ag@School Magazine, Volume 10, Issue 3 Magazine, Teacher Guide: Volume 10, Issue 3

Ag@School Magazine, Volume 10, Issue 2 Magazine, Teacher Guide: Volume 10, Issue 2

Ag@School Magazine, Volume 10, Issue 1 Magazine, Teacher Guide: Volume 10, Issue 1

- All can be found on <http://www.waic.net/teacher.htm#downloads>

WAIC publishes a student activity magazine targeted at fourth grade students. Three issues are produced each school year and class sets are mailed to subscribing classrooms in late September, early January, and mid March. The magazines are free to Washington teachers. Ag@School is designed to help teachers develop agricultural literacy without adding to an already heavy teaching load. All lessons and activities are geared to Washington's Essential Academic Learning Requirements (EALRs). Class sets come with a teacher guide that includes background, discussion starters, vocabulary definitions, answers, and post-test activities.

Major Program Accomplishments or Outputs

Ag@School, a full-color 8-page student magazine aimed at 4th grade, is currently our sole project. Each of the three annual issues of Ag@School has a central theme- general Washington agriculture, agriculture technology and stewardship. Articles and activities, all featuring agriculture, are easily incorporated into the existing school curriculum. Many classrooms from K-12 are using our materials in 2010, with newer contact methods.

The included teacher guide provides discussion starters and complementary activities, as well as alignment to state learning requirements.

Our website has been completely updated to include a greater variety of links to lesson plans and teacher resources.

Major Program Impacts or Outcomes

Ag@School is in its tenth school year with over six-hundred classrooms receiving our magazines and reaching 17,415 students per issue. We have numerous testimonies but an email on January 26, 2011 from Deb Castle is the most recent: I have never written in and I am so sorry about this. I just love Ag@School and so do my students. Today, I was evaluated by my principal and it was the first time that she has ever seen this magazine. She was so impressed and pleased with how it fit the guidelines from the state and how well it fit the curriculum that was going on in my classroom. So thank you very much for always providing this to the students of WA. It is just a wonderful teaching tool. Deb Castle Edison Elementary School Bow, WA. Deb's comments parallel what teachers tell us at fair and conference we attend. We benefitted from participated in the AITC's Presidential Turkey Pardon project supported by Foster Farms and California Ag in the Classroom.

Biosketch

State Contact: Gaynor Edwards; info@waic.net

In 1964, when Gaynor graduated from Kittitas High School, being a teacher never crossed her mind. Years of seamstress and tailoring work and various odd jobs from moving cattle to cleaning restrooms, bookkeeping and cashier work finally lead her to the teaching profession.

That first step occurred twenty plus years ago when she stepped back into the classroom as a teacher's aide. She found learning along with her students could be exciting and she often felt she learned more by teaching than her students did.

Gaynor took a few evening courses prior to 1991, and she became a full-time student at Big Bend Community College at the age of forty-six. Looking back, before Gaynor could grasp the scope of her decisions, she had finished the course work to become a teacher! One year later, in 1997, she applied for the teaching job at the Marlin Hutterite Community's one-room K-12 school.

From student to teacher, the path was not well marked. It occurred! Gaynor is also an adjunct instructor for Big Bend Community College, Heritage University and a certified Gurian Institute Instructor. The connections between the college jobs and the one-room school provide many opportunities to share agricultural knowledge and educational materials with all her students and future teachers.

These teaching opportunities and her western life style with includes: enjoying life with her husband Roger along with raising, training and working Border Collie stock dogs, gathering cattle occasionally to help her family, keeping up with the grandchildren: Bailey Jo Heath and Cooper Raap and doing some art work have influenced her, but the accomplishments she totally enjoys are the rewards of being teacher!

Now after working as the Executive Director for Washington Ag in the Classroom for almost three years, she feels the need to do more! Being a champion for Agriculture Education parallels her passion for teaching and her plans are only hampered by TIME.

West Virginia 2010 Report

Classroom Resources

None reported for 2010

Major Program Accomplishments or Outputs

We held a two day Summer Agriculture Institute in 2010 with 64 teachers attending. New in 2009 was the West Virginia Mobile Lab that was put into service by the West Virginia Farm Bureau. Five members of WVU Extension and 1 member of WV Farm Bureau attended the 2010 National Conference to learn new ways to increase WVAITC activities.

Major Program Impacts or Outcomes

92% of teachers inserviced in 2010 said that they planned to use at least one of the activities they learned at the Summer Ag Insistute.

100% of teachers inserviced would recommend our program to their friends and other teachers.

Biosketch

State Contact: Helen Hardman; helenh@wyfarm.org

I have my AA, BS, MS and Ph.D. from The Pennsylvania State University. I spent 2 years in Brazil with the Peace Corps between my AA and BS and 4 years in Africa between my BS and MS. I have been a County Agricultural Agent for the last 17 years and developed the West Virginia Ag in the Classroom Program by holding a Summer Agriculture Institute each year to train teachers.

Wisconsin 2010 Report

Classroom Resources

Fun Faces of Wisconsin Agriculture Lesson Plans- www.wisagclassroom.org/teachers/lessonplans.php

Resource/Lesson Plan Booklets for Clarabelle(our book of the year). Also available for Farmer George Plants a Nation, Fantastic Farm Machines, and The Super Soybean

Introducing Agriculture into Academia- Career Lesson Plans-
<http://www.wisagclassroom.org/teachers/IncorporatingAgriculture.php>

Major Program Accomplishments or Outputs

1. Continued distribution, in-services and workshops on the Introducing Agriculture into Academia career lesson plans.
2. Obtained funding for two Wisconsin Ag in the Classroom Newsletter that was sent to over 2750 teachers and volunteers.
3. Application completed for the USDA Excellence in Educating about Agriculture program.
4. Continued distribution of Fun Faces of Wisconsin Agriculture Lesson Plans.
5. Presented three workshops and had a display booth at Wisconsin Corn Soy Expo.
6. State coordinator attended the National Ag in the Classroom Conference.
7. County AITC programs demonstrated growth in programming and outreach.
8. Offered county AITC information meetings via conference call, meetings, and workshops reaching almost 500 people.
9. Distributed \$800 to 8 teachers through a new Teacher Mini-Grant Program.
10. Coordinated a one-credit and three-credit graduate class for teachers at eight optional locations.
11. Administered \$5,173 of AITC Matching Grants to 12 local agricultural groups
12. Had 1,352 students in the essay contest for 4-5th grade students with the topic The Machines that make Wisconsin agriculture work.
13. Selected a winner for the 2010 Wisconsin AITC Outstanding Teacher Award.
14. Administered Soybean Science Kit use to 6,162 students using the 54 kits.
15. Helped distribute an additional 10,000 Amazing Corn activity booklets.
16. Increased visibility by attending seven teacher's conventions, two agriculture shows, and conducted workshops at the Wisconsin FFA Convention and Wisconsin Association of Agricultural Educators Professional Development Conference.
17. Increased involvement at the Wisconsin State Fair by participating in three State Fair Camps, co-sponsored 30,000 State Fair Activity Booklets, and sponsor of the Wisconsin Cornucopia Contest.

Major Program Impacts or Outcomes

Due to a slight increase in our public funding, we were able to maintain or moderately increase our outreach to schools and teachers in a number of categories.

1. Increased the number of essay participants from 658 to 1,352
2. Increased the number of students reached by volunteers from 50,769 to 54,070
3. Increased the number of volunteers who helped with AITC from 390 to 1,333
4. Increased contact with middle and high school students, especially at career events, from 2,977 to 3,127

Biosketch

State Contact: Darlene Arneson; darneson@wfbf.com

Work Related Experience

Wisconsin Agriculture in the Classroom Coordinator: Wisconsin Farm Bureau Federation, Madison. September 2004 -present.

Work with teachers of all grade levels and volunteers by providing agriculture education resources that will help to increase the agricultural literacy in our state. Coordinate volunteer training for counties to assist them in developing an Ag in the Classroom program. Administer funding from the Wisconsin Department of Agriculture, Trade and Consumer Protection.

Responsibilities also include staffing display booths at teacher conventions and trade shows; administering the Matching Grant, Teacher Mini-Grant and Outstanding Teacher programs; completion of required reports; and developing new programs and activities.

Also serve as the Wisconsin Farm Bureau Foundation Director (since 2008). Responsibilities include securing funding, conducting fundraisers, and coordination of sponsorship of programs and activities.

Dane County Agriculture in the Classroom coordinator: Dane County Farm Bureau, Madison. 1990 -2004.

Served for ten years on county level and was appointed to the Wisconsin Farm Bureau's Ag in the Classroom Steering Committee.

Agriculture Education Instructor and FFA Advisor: Cashton High School and Cambridge High School. 1986-1990.

Responsible for teaching the agriculture and natural resource classes, served as FFA and class advisor, assisted the FFA Alumni and developed curriculum for program. Managed the school farm that was donated to the school district.

Education

Bachelor of Science - Agricultural Education

University of Wisconsin - Madison

Wyoming 2010 Report

Classroom Resources

Country to Classroom 2010 (paper and PDF) www.wyomingagclassroom.org

Animal Damage Management Board

*Predator Tool Kits (5 kits total)

+Scat, tracks, and lesson plans WAIC Lesson Plans (Contact WAIC for checkout)

All lesson plans posted on WAIC have been updated and set to WY standards. WAIC is currently working on new curriculum that will encompass a project-based learning style. The new program will begin at Kindergarten and offer learning through the 12th grade.

WAIC partnered with EnCana Oil & Gas USA and NEED (National Energy Education Development) hosting 3 energy workshops in Wyoming. Check out the NEED website (www.need.org)

Major Program Accomplishments or Outputs

100 Educators at 10 Ag Expos in WY

84 Educators at 3 NEED workshops

50 Educators in classrooms around WY

20 Educators at 2010 Natural Resource Discovery Rendezvous

11,825 3-5th grade students enjoyed ag and natural resource curriculum

25,000 Country to Classroom papers distributed in WY

Awarded 7 Wyoming Youth for Natural Resource grants totaling \$20,000 for project development.

Educator of the Year: Kathy Tatman

Major Program Impacts or Outcomes

WAIC has become known as a quality place to come for agricultural materials and lessons. Teachers receive excellent service and know that all materials will be matched to WY state education standards. Wyoming Agriculture in the Classroom has also strengthened its partnerships and bonds with other educational and agricultural organizations across WY.

Biosketch

State Contact: Jessie Berry; jberry@wyomingagclassroom.org