

Approved February 14, 1991
Date

MINUTES OF THE Senate COMMITTEE ON Agriculture

The meeting was called to order by Senator Jim Allen at
Chairperson

10:09 a.m./~~XX~~ on February 12, 1991 in room 423-S of the Capitol.

All members were present except: Senator Harder (excused)
Senator McClure (excused)

Committee staff present: Jill Wolters, Revisor of Statutes Department

Conferees appearing before the committee: Mardelle Pringle, Chairman, Kansas Foundation
for Agriculture in the Classroom
Sharon S. Tally, Administrator, Kansas Foundation
for Agriculture in the Classroom

Senator Allen called the Committee to order and called on Ms. Pringle to present information about the Kansas Foundation for Agriculture in the Classroom.

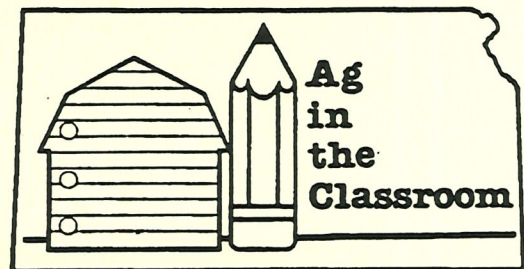
Ms. Pringle gave the Committee packets of information containing the 1990 Annual Report, lists of agricultural topics available for teachers for classroom helps, lists of activities of the past year, and information about the summer class that is available for teachers to enroll in during the summer (attachment 1). Ms. Pringle explained that the idea of teaching agriculture within school subjects started in 1981 by the national Secretary of Agriculture, John Block, and that Kansas was one of the first states to participate in the program. In the summer of 1985 summer classes for teachers were first offered in order to help teachers learn ways to integrate agricultural information within the teaching of subjects already being taught in the classroom. Ms. Pringle expressed appreciation for the \$30,000 matching grant appropriation from the Legislature. Ms. Pringle introduced Sharon Tally.

Ms. Tally explained that as less people are involved with agriculture that the aim of Ag in the Classroom is to make agricultural information more available in classrooms so as to help more people be aware of agriculture. Ms. Tally explained that during the summer of 1991 that four classes will be held around the state for teachers. Ms. Tally called attention to activities listed in the packet explaining various activities of the past year.

In answer to Committee comments, Ms. Tally answered that it was expected that the summer classes for teachers will be filled as there was a waiting list for the classes last summer. Ms. Tally explained that scholarships of about \$250 are available for teachers; the scholarships are available from monies given by agriculturally related organizations and by individuals. Ms. Tally answered that agricultural information is available for students from kindergarten through high school but that the most usage is with students from second grade through fifth grade.

The Chairman suggested that other committees would benefit from hearing the presentation about Ag in the Classroom; appreciation was expressed for the information presented; and then the Chairman adjourned the Committee at 10:36 a.m.

**Kansas Foundation for
Agriculture in the Classroom
1990 Annual Report**



*Senate agriculture Committee
2-12-91
attachment 1*

In 1990, the Kansas Foundation for Agriculture in the Classroom continued to carry out its major objectives:

1. To provide for Kansas students an understanding and appreciation of the food chain, which is the foundation of human life.
2. To promote the well-being of agriculture as a necessary forerunner to the well-being of America.

The Foundation helps educate K-12 students by providing resources that integrate information about agriculture into the science, math, language arts, social studies and other classes already taught.

This philosophy is gaining widespread acceptance and use in education as the interdisciplinary, whole language, holistic or integrated approach of teaching. Using this educational theory, all subject matters are taught around a common theme. For example, the topic of wheat can teach students plant growth, fractions, research and writing, geography, history, nutrition and much more. As one teacher said, "The students can't tell when one subject ends and another one begins since they all revolve around one topic."

The Foundation works with teachers, volunteers, students and others to carry out six concepts:

- Agriculture is ...
-the business that provides our food, clothing and shelter.
-interdependent with the well-being of society in Kansas, the United States and the world.
-a vital, dynamic system shaped by research and development.
-influenced by government.
-interdependent with the environment and uses natural resources.
-historically significant.

Sharon Tally, Administrator (June-present)
Becky Vining Koch, Administrator (January-June)
Dana Thomson and Carolyn Farris, Student Assistants
(September to present)
Candace Plett, Jackie McClaskey and Danette King,
Student Assistants (earlier 1990)

Kansas Foundation for
Agriculture in the
Classroom
Bluemont 124, KSU
Manhattan, KS 66506
913 532-7946

Summer Courses

The Kansas Foundation for Agriculture in the Classroom established another first in 1990 by extending the Integrating Agriculture Into the Classroom summer courses to three. This allowed a total of 78 K-12 teachers to enroll.

The June 11 - 22 class met in Manhattan with an enrollment of 28 teachers primarily from north central Kansas counties. To learn of agriculture they visited the KSU research farms, Johnson's cow/calf operation, the Mertz farm, Dillon's supermarket, Kansas Artificial Breeding Service Unit, the KSU flour mill, veterinary medicine and dairy processing complexes and the Manhattan community gardens. Activities included making omelets, experiencing giant cock roaches, studying plant pathogens and attending a resource fair.

KFAC once again traveled to the Kansas City area with the July 2-13 summer course attended by 24 teachers. Approximately half of the attendees were from urban Kansas City schools with the remainder being from Leavenworth, Douglas, Miami, Franklin, and Linn counties. Class homework was provided by Farmland Industries Research Farm, rural Bonner Springs. Tours included the Bob Daly farm,

Kansas City Board of Trade, General Mills flour mill, Bartlett grain terminal, Fresh Start Bakeries, Masson's Greenhouse, Armour meat processing plant and Farmland Industries Research Farms. This course also experienced a resource fair as well as learning of entomology, plant pathology and agricultural careers.

Barbara Hund,
K-6 Physical Education
and Health Instructor,
St. Mary's Grade
School, Salina,
tries milling grain
by hand at the
'90 Summer Course
in Wichita.



Both the Manhattan and the Kansas City courses offered graduate credit from Kansas State University Colleges of Agriculture and Education.

The first KFAC Summer Course to be held in Wichita occurred July 23-Aug. 4, with classes based in the Sedgwick Farm Bureau building. Twenty-six teachers came from the Wichita area, northeast, central and western Kansas. This course featured a new approach with instructional responsibility shared between The Wichita State University College of Education and Kansas State University College of Agriculture. Tours in Wichita featured Rainbo Bakery, F & E Wholesale Food Distributing, the Wehrman farm, Botanical Gardens, the Henry home gardens and the Sedgwick County Fair. A Day on the Farm, co-sponsored by the Agri-Women and the Sedgwick County Farm Bureau Women, featured multiple presentations by numerous agricultural specialists at the Ott and Woodard farmsteads. The teachers did bread-in-a-bag and butter-in-a-jar activities which they will be able to re-create with their students. Participants experienced a workshop on Project Learning Tree and a Resource Fair. Environmental conservation was integrated within this course as in the two other summer programs.

Each teacher in the three courses completed a teaching unit to be used in his or her own classroom featuring some agricultural topic in one or more subject areas. The final two days of class provided time to share some of those ideas with each other. A few of those units included The Dairy Case, This Little Piggy, Growing Kansas Gold, Soil -- It Isn't Just Dirt, Ag Tripping Across Kansas, Surprising Soybeans, Exploring Strange New Worlds: Kansas From Space, Marvelous Milo, Wonderful Ways With Wool, and Cobs, Corn and Kernels.

Each course featured a Scholarship luncheon where teachers could enteract with scholarship donors and foundation members. More than \$19,500 was donated by agricultural organizations, agribusinesses, foundations and individuals to make the course possible for the 78 teachers. Class "graduates" were encouraged to present programs to their sponsors where appropriate and to conduct in-service training to other teachers in their school districts.

*In 1991, the Foundation
will sponsor four summer
courses --
in Hays,
Kansas City,
Manhattan and
Wichita.*

State Fair Activities

Eriah Bueller,
Reno County
4-H Junior Leader,
helps a young Fair goer
with her Ag-Citing
Adventure.



Food, the Most Important Fuel in Space served as the theme for the 1990 Ag-Citing Adventure at the 1990 Kansas State Fair in Hutchinson Sept. 7-16. The KFAC exhibit in the Pride of Kansas Building featured a mural of the earth as seen from the moon. The traditional Ag-Citing school boy and girl donned space suits for this year's appearance while a space helmet served as the drawing container. A video of astronauts eating food aboard their space ship played non-stop while an actual tomato plant grown from seeds taken into space completed the exhibit.

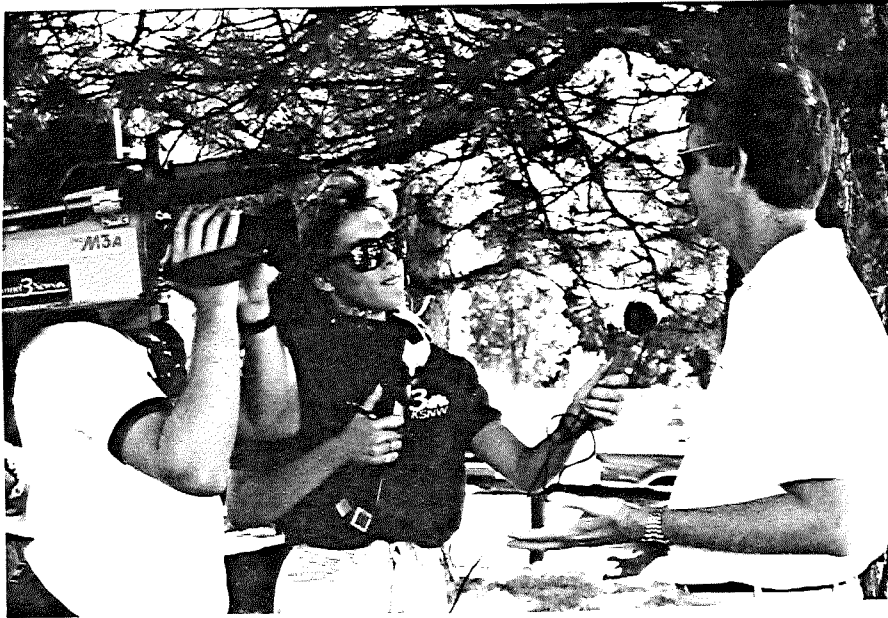
More than 1,350 children completed the revised Ag-Citing activity sheet. Answers to agricultural questions were located throughout the other exhibits within the building. Thirty organizations and agri-businesses provided items as rewards for those completing the activity.

Highlighting the week was the appearance of astronaut Steve Hawley, a native Kansan, on Friday, Sept. 14. Hawley spoke to visiting classes as well as the mass media on behalf of the Agriculture in the Classroom philosophy.

Hop Aboard the Agri-Express will be the theme of the 1991 State Fair Ag-Citing Experience.

In addition to presentations by Hawley, visiting school groups learned from mini-classes and tours. The Giant Cheeseburger and Getting to the Core, presented to an audi-

ence of parents and grandparents from the Pride of Kansas stage, provided ideas for use with family youngsters on food chain education from basic topsoil knowledge to understanding the balanced four food groups in a cheeseburger.



Astronaut Steve Hawley visits with a Kansas television crew between mini-classes outside the Pride of Kansas building, at the 1990 Kansas State Fair.

Adopt-a-Classroom

During the 1990-91 school year, 54 classes were paired with farm families through the Adopt-a-Classroom program. Exchanges varied between the matched classrooms and families depending upon individual interests. Writing letters and sending photos, drawings and crop samples is a usual way of communicating. Modern technology makes video exchange a popular way to convey messages. An example of this was the introduction by way of video of Janet Allen's second grade in Olathe to their farmer, Allen Zimmerman at the other corner of the state near Sublette.

Farm families try to visit their class when possible. Distance can limit this but even one visit/year does wonders. Rudy Bahr, cattle rancher from Gridley, is a storyteller. He tries to get up to Kansas City once a year to visit his second grade and tell them the story of the baby calf from the time its born until it leaves the farm.

KFAC helps volunteer farm families find ways to connect with classrooms wanting to learn about agriculture.

Annual Meeting

Linda Gutsch, Elementary Principal from Goodland, spoke at the Eighth KFAC Annual Meeting October 25 at the Brunswick Hotel in Lindsborg. She used slides and examples of material to augment her explanation of the agricultural studies by her '89-90 fifth grade class. It started with the Sunflower Power unit that she developed in the 1989 Kansas City summer course, but expanded to include all grains grown in Sherman County. Examples of how the students took leadership once into the studies showed the integrated holistic nature of Gutsch's approach to teaching.

Gutsch's work with teaching Agriculture in the Classroom lead to her appearance on the program at the national Agriculture in the Classroom convention in Washington D.C. in June, and her participation in a curriculum writing workshop for Project Food, Land and People in Colorado in October. Her example of what Ag in the Classroom can mean for both students and an individual teacher was greatly appreciated by KFAC members and guests.

Golden Apple Awards were awarded to Becky Vining Koch and Dr. Jerry Horn for contributions to the Agriculture in the Classroom efforts. Koch served as Administrator until leaving the state in mid-'90. Dr. Horn also left the state in mid-summer. He had assisted KFAC in their cooperative relationship with the Kansas State University College of Education where he served as Associate Dean.

National Agriculture in the Classroom Convention

KFAC member Linda Gutsch accepted an invitation to the 1990 national AITC meeting in Washington, D.C. June 3-5 to present information concerning her experiences as a teacher of an integrated agricultural unit. Convention attendees learned about her fifth grade class's enthusiastic response to her Sunflower Power unit developed during her participation in a KFAC Integrating Agriculture into the Classroom Summer Course. Her presentation was a part of the theme *Agricultural Literacy in a Changing World: Thinking Globally, Thinking Locally*.

Teacher Resources

A spring semester *Ag-Citing News* newsletter for teachers was published in 1990. This newsletter informed teachers of resources available including upcoming KFAC events: AgWeek '90, 1990 Integrating Agriculture Into the Classroom Summer Courses, 1990 Kansas State Fair Ag-Citing Experience. The newsletter went to the over 1,500 teachers on the list who have made contact with KFAC and to all 1,025 K-12 school library media specialists in the state.

A library is made up of materials from many sources such as ag commodity organizations plus teaching units developed by past summer course participants. It is maintained in the KFAC offices within the College of Education, KSU, Manhattan. These are used directly by teachers visiting the campus as well as by staff to answer requests.

Ag Week '90

Governor Mike Hayden proclaimed March 18-24, 1990, Agriculture in the Classroom Week in Kansas, "to honor the teachers and volunteers who are educating young people about our state's No. 1 industry -- agriculture."



Gov. Hayden signs the proclamation designating March 18-24, 1990, as Agriculture in the Classroom Week in Kansas, while KFAC members and staff look on.

AgWeek '90 activities developed by KFAC for use by teachers and volunteers were a set of art projects featuring Pasta Leaf, Woolly Lamb, Udderly Awesome Painting, Where's the Beef, Two Trees in One, Potato Printing and others.

1990 Donors

\$1,000 or more

Dane G. Hansen Foundation
Kansas Beef Council
Kansas Livestock Association
Kansas Sheep Association
Wyandotte County Farm Bureau

\$500 - \$999

Douglas Co. Farm Bureau
Jounson County Farm Bureau
Kansas Agriculture Aviation Association
Kansas Soybean Commission
Osage County Conservation District
Pottawatomie County Conservation District
Saline County Conservation District
Sedgwick County Farm Bureau
Wyandotte County Conservation District

Members of Shirley Steiger's third grade class at Salt Creek Valley Elementary, Leavenworth County, pose with Pattie Reece, Mid-America Association of Conservation Districts Chairperson. Reece is holding the 1990 Achievement Award presented Steiger for her work in conservation education. The class produced Steiger's original play, *Gone With the Wind*, which she wrote during her participation in the 1989 KFAC Kansas City Summer Course.



\$250 - \$499

American Royal Association
Bank IV / Fourth Financial Corporation
Cargill Corporation
Citizens for Safe Water
Cowley County Farm Bureau
Dillons Stores
Douglas County Conservation District
Farmland Industries
Franklin County Conservation District
Franklin County Farm Bureau
Geary County Conservation District
Grant County Farm Bureau
Jackson County Agri-Women
Jackson County Conservation District
Jefferson County Pomona Grange
Kansas Association of Wheat Growers
Kansas CattleWomen
Kansas Cooperative Council
Kansas Corn Commission
Kansas Grain Sorghum Commission
Kansas Pork Council Women
Kansas Pork Producers Council
Kansas Soybean Association
Kansas Wheat Commission
Kansas Wheathearts
Lane County Conservation District
Leavenworth County Conservation District
Leavenworth County Farm Bureau
Marshall County Conservation District
Mobay Corporation - Ag Chemicals Division
Senator Don & Nancy Montgomery
Pawnee County Farm Bureau
Pony Express Chapter - Soil & Water Conservation Society
Reno County Conservation District
Reno County Farm Bureau
Riley County Farm Bureau
Scott County CattleWomen
Sharp Brothers Seed Company
Shawnee County Conservation District
Shawnee County Farm Bureau
Southwest Kansas CattleWomen
Stanton County Farm Bureau

(more Cash Donors page 10)

\$100 - \$249

Jack Beauchamp
Butler County Conservation District
Senator Norma Daniels
Federal Land Bank of Colby Kansas
Gove County Farm Bureau
Kansas Agri-Women
Linn County Conservation District
Miami County Conservation District
Miami County Farm Bureau
Montgomery County Conservation District
Montgomery County Farm Bureau
Northwest Kansas Production Credit Association
Pottawatomie County Farm Bureau
Riley County Conservation District
Seward County Conservation District
Seward County Farm Bureau
Wabaunsee County Conservation District
Wabaunsee County Farm Bureau
Washington County Conservation District

\$3 - \$99

Anderson County Farm Bureau
Atchison County Farm Wives
Marvin Clark
James & Helen Cubit
Farmway Co-op
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Cecil & Pat Vining
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1991 Kansas Foundation for Agriculture in the Classroom

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Sharon S. Tally
Administrator

Carolyn Farris
Dana Thomson
Student Assistants

Bluemont 124, KSU
Manhattan, KS 66506
913 532-7946

1990 Financial Report

January 1, 1990 - December 31, 1990

	Beginning Balance	\$9,349.11
Income		
Donations	\$24,410.79	
Sales of Materials (software, teaching units, curriculum guides)	1,877.96	
Miscellaneous (interest, reimbursements)	937.78	
State Matching Grant (based on \$30,000 per fiscal year)	31,474.50	
	Total Income	\$58,701.03
Expenses		
Summer Course (scholarships, expenses)	\$18,153.12	
State Fair (supplies, travel, assistant fee)	1,404.06	
Curriculum Development (Farm and Food Bytes, curriculum guide printing)	1,397.50	
Communications (newsletter, phone, postage)	5,183.99	
Programs (presentations travel, meeting registrations)	1,166.04	
Office Supplies (copying, supplies)	748.10	
Salaries (administrator, student assistants)	35,739.11	
Miscellaneous (bank charges, business expenses)	880.92	
	Total Expenses	\$64,672.84
	Year-End Balance	\$3,377.30

Funding

Private donations continue to increase. More KFAC projects will be proposed for specific funding from various organizations, corporations and foundations.

To learn more about KFAC,
how to participate
or contribute to the program,
contact:

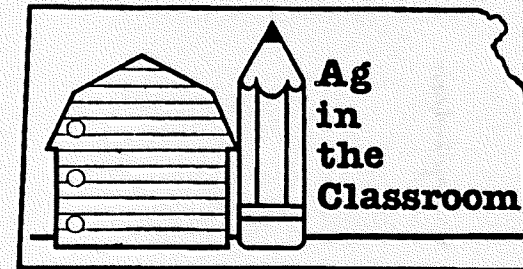
Sharon S. Tally, Administrator
Kansas Foundation for Agriculture in the Classroom
Bluemont 124, Kansas State University
Manhattan, KS 66506
913/532-7946

or

Mardelle Pringle, KFAC Chairman
Route 1
Yates Center, KS 66783
316/625-2098.

2/91

Kansas Foundation for Agriculture in the Classroom



Activities UpDate

*Bluemont 124
Kansas State University
Manhattan, Kansas 66506
913/532-7946*

41-1

*Kansas Foundation for
Agriculture in the Classroom*

UPDATE

**The Kansas Foundation for
Agriculture in the Classroom**

The Foundation is made up of agricultural organization leaders, farmers, educators, legislators and others who work together to help teach children about agriculture. Rather than teaching separate classes, the Foundation helps teachers integrate information about agriculture into regular math, science, social studies, language arts and other classes. This interdisciplinary approach helps young people have a better understanding of their food and fiber and Kansas No. 1 industry.

Ag-Citing Experience at the Kansas State Fair

More than 1,350 children learned about agriculture at the 1990 fair through this experience. Students visited ag-related exhibits to answer questions on activity sheets. They were then rewarded for what they learned with prizes donated by ag organizations and businesses. Additional students took home sheets. More than 240 children took part in mini-classes; some of these were conducted by Astronaut Steve Hawley. About 500 teachers received packets. A kit for a similar Ag-Citing Experience at county fairs is available from KFAC.

Summer Courses for Teachers

A total 78 teachers took part in the two-week *Integrating Agriculture into the Classroom* courses in 1990 at Manhattan, Kansas City and Wichita.

Four courses are scheduled for 1991:

Hays	June 4-14	Kansas City	June 25-July 5
Manhattan	July 8-19	Wichita	July 15-26

In addition to learning about various areas of agriculture and how they can use that information in their classes, summer course teachers develop a teaching unit that is shared with other teachers across the state.

Scholarships from various ag organizations, agribusinesses, foundations and interested individuals make this program possible for the teachers.

Adopt a Classroom Program

Farm families teach children about life on their farms through correspondence with a class. Letters, photos, crop samples and much more can be shared. The students can in turn write letters back to the family or essays about what they've learned about agriculture. A highlight might be a trip to the farm. So far this year, about 60 classes have been adopted.

Ag Week Activities

The Foundation helps volunteers and teachers take agricultural activities into classrooms during Ag Week in March. The 1991 program will feature a melodrama, art projects and activities related to agriculture. KFAC will ask Gov. Joan Finney to proclaim March 18-22, 1991, as Agriculture in the Classroom Week in Kansas.

Resource Library

A library of teaching units, audiovisuals, resource materials, posters and other educational materials provides information to teachers. A phone call or note to the KFAC office can lead a teacher to a variety of resources on various agricultural topics at different grade levels.

Newsletters

The *Ag-Citing News* newsletter is mailed to teachers on the KFAC mailing list plus every school library media specialist in the state to update teachers about how to integrate agriculture into their classes. News about resource materials, teaching units, computer software and KFAC programs are included in each semester's newsletter that reaches more than 3,000 contacts.

In-Service Training

The KFAC Administrator and Foundation members plus teachers who take the summer course conduct in-service training for teachers to share how to integrate agriculture into their classes and resources available. Plans call for in-service training about the Farm and Food Bytes computer software and Integrating Agriculture activities.

The Kansas Foundation for Agriculture in the Classroom (KFAC) has the activity information listed inside, adaptable to a variety of grade levels and situations. Some include suggestions for ordering additional materials from other sources.

\$.05/page reimbursement for KFAC copy costs is asked.

To order one or more activity contact:

KFAC
Bluemont 124, KSU
Manhattan, KS 66506
913 532-7946

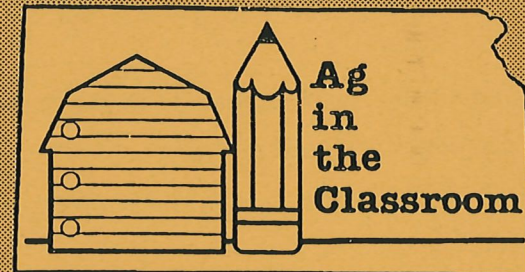
OR

Contact your county Farm Bureau office. Ask if they can obtain these materials for you.

*Tell us how Ag Week goes for your class!
We'd love to know!*

Ag Week '91 Available Activities

Ag Week will be March 18-22, 1991.
What an appropriate time
to include agriculture
in daily classroom teaching!



*Kansas Foundation for
Agriculture in the Classroom
Bluemont 124, KSU
Manhattan, Kansas 66506
913 532-7946*

91-1

Art Activities Introduced - Ag Week '90

Pasta Leaf - Using leaves to create a design teaches students about the leaf and its food cycle. Different pastas are used to represent the different parts of the leaf section. 3 page

Udderly Awesome Painting - By using balloons filled with primary colors, students can "hand milk" their paintings inside a paper bag. A remarkable combination of Dairy Science and Art. 2 pages

Where's the Beef - Making a puzzle of the wholesale areas of a beef animal provides an avenue to discuss the types of beef cuts, where they come from on the animal and what they are called. 2 pages

Kansas Crops - Wet painting a drawing of a corn plant or a sunflower introduces students to some common agronomy plants in Kansas. 4 pages

Two Trees in One - Teaches positive-negative concepts using black & white paper, scissors and glue. 1 page

Woolly Lamb - Yarn glued to construction paper creates sheep that feel real. 2 page

Texture Rubbings - Rubbings of real leaves create visual texture that "feel" rough, smooth. 1 page

Seed Landscape - Filling space with an assortment of seeds teaches perspectives. 1 page

Potato Printing - Raw food items are used to teach the print-making process. 1 page

Brand Prints - Cattle ranching techniques are mimiced by creating and producing painted brands with pipe cleaners. 1 page

New Activities - Ag Week '91

Hog Humor, Pig Puns & Swine Lines - A collection of swine humor and pig facts provide fun ways to study hog farming language. 8 pages

Gone With the Wind - Shirley Stieger, Leavenworth, received recognition from the Mid-America Association of Conservation Districts for her teaching using this original play. In a melodrama about soil erosion farmers Darrell, Larry and Larry work with Courageous Kurt, the County Conservation Agent and his Soil Agents to defeat Nasty Ned the North Wind and his Erosion Gang. Grades 3-5. 10 pages

Activities Introduced - Ag Week '89

Grow Your Own Tree - Request kits Grow Your Own Tree free to 2nd grades, Trees Are Terrific free to 5th grades, from National Arbor Day Foundation, 100 Arbor Avenue, Nebraska City, NE 68410, phone 402 474-5655.

Real Dairy Foods - Instructions for making butter-in-a-jar. 2 pages

The Power of Food - Ten foods from the Milk Group are hidden in a Seek-and-Find puzzle. 1 page

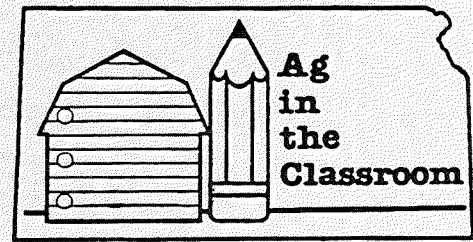
America the Beautiful - Includes 6 activity sheets on seeds plus instructions for ordering free seeds (for cost of postage and handling) for your class. 8 pages

Wheat From Field to Food - Suggested wheat hands-on activities and information on written resources available from the Kansas Wheat Commission. 1 page

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Getting to the Core - Uses an apple to demonstrate the earth's top soil for food production. 2 pages

Ag-Citing News



...for teachers from the Kansas Foundation for Agriculture in the Classroom

Winter 1990-91

Four Courses Scheduled for Summer 1991

KFAC Summer Courses on Integrating Agriculture Into the Classroom will expand to four in 1991 as a course is being added in **Hays June 4-14**. Classes will also be in **Kansas City June 24-July 5**, **Manhattan July 8-19**, and **Wichita July 15-26**.

The two-week courses provide teachers K-12 with broad exposure to agriculture as well as guidance on integrating that information into their regular classroom subjects. Speakers, field trips and hands-on activities cover the food chain from production through processing and distribution. Each teacher develops a unit for use in his or her own classroom. (See related story below.)

Past enrollees have said, "This course is unlike any other I've ever taken." "For me its the best workshop ever!" "No words can express what I learned and all it encompasses!"

Participants earn three hours graduate credit. Enrollment is limited to 25 per class and applicants are screened by a KFAC committee. Teachers selected receive a scholarship to cover cost of tuition.

Applications for the 1991 courses are due April 1. Contact the KFAC office to apply:

KFAC
Bluemont 124
Manhattan, KS 66506
913 532-7946

KFAC Summer Course Grad Wins Award

We all know that *Gone With the Wind* has always been an award winning piece of work, but did you know it was conceived and born in a KFAC Integrating Ag summer course? No, not *Gone With the Wind*, the movie classic -- this one is the conservation melodrama written by Shirley Stieger, 3rd grade teacher at Salt Creek Valley School, Leavenworth County.

Stieger, a participant in the 1989 summer course in Kansas City, wrote the play to help her students learn about good conservation practices. This resulted in her receiving the 1990 Conservation Achievement Award from the Mid-America Association of Conservation Districts, an organization made up of ten Missouri and Kansas counties.

Gone With the Wind features Darrell, Larry and Larry, three brother farmers losing their land to erosion. A complete cast of "erosion bad guys" and "conservation good guys"
(continued page 3)



Shirley Steiger, KFAC Summer Course Grad, receives her award from Pattie Reece, Chairperson for Mid-America Association of Conservation Districts

KFAC Experiences Staff Changes

Changes have occurred with the Kansas Foundation for Agriculture in the Classroom since the last issue of the Ag-Citing News in Spring 1990. **Becky Vining Koch**, KFAC Administrator at that time, resigned to move to Fargo, North Dakota with husband Kim and his new job as milling head with Northern Crops Institute. She is currently doing freelance agricultural communications work. This has included the writing of the newest edition of the National FFA *Food for America* materials (see related story within) as well as some writing for the North Dakota Wheat Commission.

The Foundation hired **Sharon (Sargent) Tally** as new Administrator June 1, just in time to conduct the summer *Integrating Agriculture Into the Classroom* courses.

Tally came to the position with practical experience in agriculture, non-profit organizations and Cooperative Extension. A Riley County native, she went to Decatur County in Northwest Kansas as County Extension Home Economist in the mid-60s after graduating from Kansas State University with a B.S. in Home Economics. There she met and married

a farmer, eventually "retiring" from professional Extension work to be a full-time farmer/farm wife and mother of two daughters. Following her husband's death in 1980 she farmed and worked for ACAAK, a state-wide arts non-profit, before returning to K.S.U. to earn a Masters degree in Adult Education. While completing her studies she worked with the Single Parent/Displaced Homemakers Program.

She stated, "I thoroughly enjoy working with Ag in the Classroom as it focuses on many of my personal interests and allows me to use the skills I've acquired. I'm really looking forward to working with this program."

This period has also seen changes in the student worker staff. In the office during the summer was **Danette King**, Jetmore, a Junior in Animal Science & Industry Communications. Danette is now serving as an Intern with Kansas Farm Bureau. The fall semester brought two new students to the staff: **Dana Thomsen**, rural Winfield, a Junior in Agricultural Journalism, and **Carolyn Farris**, a Sophomore in Elementary Education from rural Ottawa.

Adopt-a-Classroom

Being adopted by a Kansas farm family can lead to all sorts of things. Classes can experience pen pal activities throughout the school year, getting to know a farm family and their farming activities during many seasons.

To benefit from the advantage of an ongoing year-long activity, classroom teachers need to apply to KFAC in the spring. Hopefully, adoptions can then be made soon enough to get things started early in the fall.

To put your next year's **classroom up for adoption**, or to become an **adopting farm family**, contact KFAC for an application form.

KFAC
Bluemont 124
Manhattan, KS 66506
913 532-7946

New KFAC Members, Officer, Directors

KFAC Annual Meeting Oct. 25
Brunswick Hotel, Lindsborg, Kansas.
Elections Results

New Foundation Members

Sue Blubaugh, Haven farm producer;
Diane Gruver, Lawrence, Kansas Cooperative Council;
Barbara Havlicek, Manhattan, KSU College of Education;
Albie Rasmussen, Randolph, agriculturalist and educator;
Larry Parker, Manhattan, Citizens Bank and Trust.

New Officers and Directors

Larry Parker, Manhattan - Treasurer
Richard Grant, Osawatomie - Director
Linda Gutsch, Goodland - Director

The FFA, Bringing Ag to the Classroom

Who better to bring ag to the classroom than members of one of the foremost youth ag organizations, the FFA? This nation-wide group of young high school men and women combine leadership and public presentation activities with daily involvement in agricultural production and agribusiness.

One way FFA works with grades 1-6 is through the *Food For America* program. These national materials have just been updated, rewritten by **Becky Koch**, past KFAC administrator, with new design and illustrations. This program is designed:

- 1) to help elementary students discover the exciting world of agriculture and appreciate how it affects their lives, and
- 2) to help teachers reach their students through the practical, tangible and appealing medium of agriculture.

In the classroom *Food For America* might include part or all of the following resources:

1. A presentation by FFA members to kick off class ag studies.
2. Specially-designed interdisciplinary educational materials for use by the presenting organization and/or the classroom teacher. These include more than 80 pages of teacher information and student worksheet copy masters. These are organized in units covering various subjects for Primary (1-3) and Elementary (4-6) grade levels.
3. A tour of a working farm or local agribusiness.
4. A follow-up visit by the FFA to answer questions.

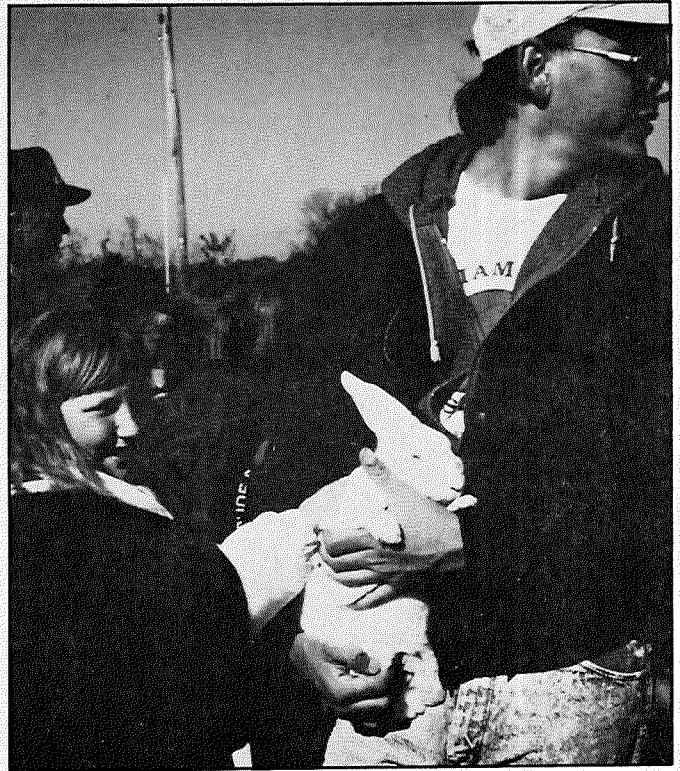
Contact the FFA and ask about the new *Food For America* program.

(Gone With the Wind - cont. from page 1)

convey important messages in ways that are interesting, meaningful and within the capabilities of third grade students. Stieger credits the melodrama activity as being a great builder of inner-confidence and self-esteem for individual class members.

In addition to presenting the play for other classrooms, Stieger's students have taken their show outside the school several times. They will take it on stage for the Leavenworth Conservation District Feb. 9.

Gone With the Wind -
An activity for AgWeek '91 - see pages 6-7.



FFAer shares a rabbit with a visiting third grader

At least one FFA chapter in the state has been helping educate Kansas City area third graders about agriculture with a *Day On the Farm*. This past fall Williamsburg FFA, under the direction of Advisor **Lee Weis**, hosted their fifth annual event. Eight presentations on a rotating basis around the farm yard provided broad ag exposure to over 520 youngsters. School district administrators pitched in to grill hamburgers and Pomona-Williamsburg FFA members served lunch in front of the farm house. Ag in the Classroom, the Franklin County Farm Bureau and others provided hand-outs to students and teachers.

Weis feels the Williamsburg *Day on the Farm* has grown about as big as his group can handle. Hopefully more FFA chapters will try this rewarding activity in their areas. It's an effective way to bring together knowledgeable ag youth with students prime to learn ag basics, an experience beneficial to all concerned.

Contact the FFA chapter advisor and officers in your school district to see what they might be doing to help alleviate agricultural illiteracy. If there isn't a chapter in your district, check with neighboring districts, or call **Mary Kane**, Kansas FFA Executive Secretary, 913/532-6424 to locate the chapter nearest you.

1990 Ag Yearbook - A New Resource

Americans in Agriculture - portraits of diversity, the 1990 Yearbook of Agriculture, is about people--their jobs, their lives, their goals, and their families. This collection of portraits of real working agri-people helps readers come face-to-face with the realities of America's agriculture today.

The six sections present numerous vignettes of the many involved in our food and fiber industry.

Part I Facts and Figures

Part II Farming

Joe Jagger, north-central Kansas wheat farmer is one of 16 farming individuals written up in this section.

Part III The Business of Agriculture

One of those featured here is Kansas banker **Murray Lull**, from Smith Center.

Part IV The Science of Agriculture

Part V Education: The Future of Agriculture
*The article on Ag in the Classroom includes quotes from **Becky Koch**, past KFAC Administrator, and **Loreen McMillan**, KFAC Board Member.*

Part VI Government Serving Agriculture
The 60+ two- and three-page articles, with numerous photos and written by ag communications professionals from across the nation, have the flavor of good journalistic feature writing. Though most appropriate for upper elementary levels and higher, there is something for everyone.

U.S. Congressmen have some copies for free distribution or copies may be purchased for \$10 from:
Govt. Printing Office
941 N. Capital Street NE
Washington D.C. 20402

County Extension Offices should have the yearbook on their resource shelves for viewing.

NEW RESOURCES

Kansas in the World

* A joint project of University of Kansas School of Education and Kansas State Board of Education

* Lessons designed on concept of interdependence of Kansas with the world

* Upper elementary, middle, junior and senior high

* Five units (over 250 total pages)

1. Understanding Global Interdependence
2. Kansas in a Global Economy
3. KANSAS FEEDS THE WORLD
4. Kansas Business in a World market
5. Your Community and the World

* Emphasizes student involvement

* Limited number of copies of final draft available NOW free from:

Richard Leighty
Social Studies Specialist
KS State Dept. of Ed.
120 East 10th Street
Topeka, Kansas 66612

* Plans call for final printed copies to be distributed to districts and to be for sale in spring or summer 1991

* Workshops and in-services will be available.

Lesson Plans - The Census of Agriculture

* 4 lessons featuring the Food and Fiber Sector based on data from 1987 Census of Agriculture

* Available free from:

Quentin Coleman
Room 436, Iverson Mall
Agriculture Division
Bureau of the Census
Washington, DC 20233

* Include Name of County -

Sheets of local data will be included.

* Math, social studies subject matter
Grade level undesignated,

possibly Middle, Jr.-Sr. High

* Lesson Outlines

- I Introduction to Agriculture and Agriculture Census
- II Production Agriculture
- III Agribusiness
- IV The Effect of Agriculture on Community Characteristics

Becky Vining Koch and **Dr. Jerry Horn** were awarded the **KFAC Golden Apple** in October for their past efforts.

What do you have if you have 100 mama pigs and 100 daddy deer?
200 sows and bucks (\$200,000)

1990 Kansas Foundation for Agriculture in the Classroom Donors

The Kansas Foundation for Agriculture in the Classroom wishes to acknowledge the many organizations and individuals who supported the program in 1990 with cash donations. Through their generous support they joined with the Foundation in reaching Kansas teachers and students with programs concerning the importance of agriculture to each and every American.

American Royal Association Jack Beauchamp Cargill Corporation Cowley County Farm Bureau Dillon Stores Farmway Coop Franklin County Farm Bureau Grant County Farm Bureau Gove County Farm Bureau Rich Hagar Senator Sheila Frahm Kansas Soybean Association Kansas Cattle Women Kansas Soybean Commission Kansas Corn Commission Kansas Pork Producers Council Kansas Agri-Women Barb Moyer Meyer Mobay Corporation Sen. Don & Mary Montgomery Pawnee County Farm Bureau Osage County Farm Bureau Richard and Linda Reinhardt Reno County Farm Bureau Riley Co. Conservation District Senator Don and Norma Sallee Sedgwick County Farm Bureau Sharp Brothers Seed Co. Cecil and Pat Vining Nancy & Richard Spiegel Wabunsee Co. Farm Bureau Woodson County Cattlewomen	Anderson County Farm Bureau Bank IV/Fourth Financial Corporation Citizens For Safe Water James and Helen Cubit Douglas County Conservation District Federal Land Bank of Colby Franklin County Conservation District Greenwood County Cattlewomen Dane G. Hansen Foundation Jackson County Agri-Women Johnson County Farm Bureau Kansas Wheat Commission Kansas Extension Homemakers Coun. Kansas Sheep Association Kansas Cooperative Council Kansas Pork Council Women Lane County Conservation District Linn County Conservation District Miami County Farm Bureau Miami County Conservation District Northwest Kansas Production Credit Osage County Conservation District Pottawatomie Co. Farm Bureau Riley County Farm Bureau Mr. and Mrs. Sonny Rundell Scott County Cattlewomen Seward County Farm Bureau Shawnee County Farm Bureau Southwest Kansas Cattlewomen Stanton County Farm Bureau Washington Co. Soil Conservation Wyandotte County Conservation Dist.	Atchison County Young Farm Wives Butler County Conservation District Marvin Clark Senator Norma Daniels Douglas County Farm Bureau Farmland Industries Geary County Conservation District Grove Harvest Grange Jackson County Conservation District Jefferson County Pomona Grange Kansas Beef Council Kansas Wheathearts Kansas Agricultural Aviation Ass'n. Kansas Grain Sorghum Commission Kansas Livestock Association Kansas Association of Wheat Growers Leavenworth County Farm Bureau Leavenworth Co. Conservation Dist. Marshall County Conservation District Montgomery County Farm Bureau Montgomery Co. Conservation Dist. Pottawatomie Co. Conservation Dist. Reno County Conservation District Republic Co. Pork Prod. & Porkettes Saline Co. Conservation District Scott Co. Conservation District Seward Co. Conservation District Shawnee Co. Conservation District Soil & Water Conservation Society - Pony Express Chapter Wabaunsee Co. Conservation Dist. Wyandotte County Farm Bureau
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A **BIG THANK YOU** to these and the numerous supporters who contributed time, effort and material goods to KFAC this year!

Kansas Foundation for Agriculture in the Classroom

Officers

	Chair Mardelle Pringle, Yates Center	
Vice Chair Tim Christian, Salina	Recording Secretary	Carolyn Schmitt, Wichita
Treasurer Larry Parker, Manhattan	Correspond Secretary	Loreen Locke McMillan, Topeka

Board of Directors

Jack Beauchamp, Ottawa	Altis Ferree, Yates Center	Steve Fisher, Manhattan
Richard Grant, Osawatomie	Linda Gutsch, Goodland	Rich Hager, Salina
Janis Lee, Kensington	Nancy Lindberg, Topeka	Barbara Meyer, Manhattan
Linda Pease, Manhattan	Jo Ann Pottorff, Wichita	Sonny Rundell, Syracuse

AG WEEK - MARCH 18-22, 1991.

*What an appropriate time
to include agriculture
in daily classroom teaching!*

The Kansas Foundation for Agriculture in the Classroom (KFAC) has the activity information listed below, adaptable to a variety of grade levels and situations. Some include suggestions for ordering additional materials from other sources.

\$.05/page reimbursement for KFAC copy costs is asked.

To order one or more activity contact:

KFAC
Bluemont 124, KSU
Manhattan, KS 66506
913 532-7946

OR

Contact your county Farm Bureau office. Ask if they can obtain these materials for you.

*Tell us how Ag Week goes for your class!
We'd love to know!*

New Activities - Ag Week '91

Hog Humor, Pig Puns & Swine Lines -
A collection of swine humor and pig facts provide fun ways to study hog farming language. 8 pages

Gone With the Wind - Shirley Stieger, Leavenworth, received recognition from the Mid-America Association of Conservation Districts for her teaching using this original play. In a melodrama about soil erosion farmers Darrell, Larry and Larry work with Courageous Kurt, the County Conservation Agent and his Soil Agents to defeat Nasty Ned the North Wind and his Erosion Gang. Grades 3-5. 10 pages

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More Activities - Ag Week '89

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The Power of Food - Ten foods from the Milk Group are hidden in a Seek-and-Find puzzle. 1 page

America the Beautiful - Includes 6 activity sheets on seeds plus instructions for ordering free seeds (for cost of postage and handling) for your class. 8 pages

Wheat From Field to Food - Suggested wheat hands-on activities and information on written resources available from the Kansas Wheat Commission. 1 page

Cattle Are More Than Beef - By-Products are less known but very important to people. 2 pages

Getting to the Core - Uses an apple to demonstrate the earth's top soil for food production. 2 pages

(More activities - next page)

MORE Ag Week Activities

Art Projects - Introduced Ag Week '90

Pasta Leaf - Using leaves to create a design teaches students about the leaf and its food cycle. Different pastas are used to represent the different parts of the leaf section. 3 page

Udderly Awesome Painting - By using balloons filled with primary colors, students can "hand milk" their paintings inside a paper bag. A remarkable combination of Dairy Science and Art. 2 pages

Where's the Beef - Making a puzzle of the wholesale areas of a beef animal provides an avenue to discuss the types of beef cuts, where they come from on the animal and what they are called. 2 pages

Kansas Crops - Wet painting a drawing of a corn plant or a sunflower introduces students to some common agronomy plants in Kansas. 4 pages

Two Trees in One - Teaches positive-negative concepts using black & white paper, scissors and glue. 1 page

Woolly Lamb - Yarn glued to construction paper creates sheep that feel real. 2 pages

Texture Rubbings - Rubbings of real leaves create visual texture that "feel" rough, smooth. 1 page

Seed Landscape - Filling space with an assortment of seeds teaches perspectives. 1 page

Potato Printing - Raw food items are used to teach the printmaking process. 1 page

Brand Prints - Cattle ranching techniques are mimicked by creating and producing painted brands with pipe cleaners. 1 page

(clip & mail)

AG WEEK '91 MATERIALS ORDER FORM

KFAC, Bluemont 124, Manhattan KS 66506

Please send the following Ag Week materials:

Hog Humor - 8 pgs
 Gone With the Wind - 10 pgs
 Grow Your Own Tree - 1 pg
 Real Dairy Foods - 2 pgs
 The Power of Food - 1 pg
 America the Beautiful - 8 pgs
 Wheat From Field to Food - 1 pg
 Cattle Are More Than Beef - 2 pgs
 Getting to the Core - 2 pgs

Pasta Leaf - 3 pgs
 Udderly Awesome Painting - 2 pgs
 Where's the Beef - 2 pgs
 Kansas Crops - 4 pgs
 Two Trees in One - 1 pg
 Woolly Lamb - 2 pgs
 Tecture Rubbings - 1 pg
 Seed Landscape - 1 pg
 Potato Printing - 1 pg
 Brand Prints - 1 pg

Enclosed is \$ _____ (\$.05/page) to cover copy and mailing costs.

or

Please bill me at \$.05/page to cover copy and mailing costs.

NAME _____ SCHOOL _____
ADDRESS _____
CITY/STATE/ZIP _____

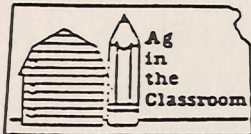


Ardyth Steckly, Hutchinson, demonstrates a teaching unit activity at '90 Wichita summer course.

Dates to Remember

- March 18-22 Ag Week '91
- April 1 Summer Course Applications Due (accepted until classes are full)
- April 11 KFAC Board of Directors Meeting
- May 1 1991 Adopt-a-Classroom Application Due
- June 4-14 Hays Summer Course
- June 13 KFAC Board of Directors Meeting
- June 24- July 5 Kansas City Summer Course
- July 8-19 Manhattan Summer Course
- July 15-26 Wichita Summer Course
- August 15 KFAC Foundation Goal Setting Meeting
- Sept. 6-15 Kansas State Fair

Kansas Foundation for
Agriculture in the Classroom
Bluemont 124, KSU
Manhattan, KS 66506



Non-Profit Orgn.
U.S. Postage
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Permit No. 19
Manhattan, KS
66502

Integrating Agriculture into the Classroom

Summer Courses for Teachers

Ft. Hays -- June 4-14, 1991
Kansas City -- June 24-July 5, 1991
Manhattan -- July 8-19, 1991
Wichita -- July 15-26, 1991

Sponsored by the Kansas Foundation for Agriculture in the Classroom

What Is This Class? During the two weeks, teachers are exposed to a variety of agricultural topics. Lectures, field trips and projects show how the food chain touches each person's life.

The instructors are ag educators, producers, researchers, processors, marketing specialists, teacher educators and others. Rather than just teaching you about agriculture, they will help you integrate this information into the classes you now teach. The course will provide hands-on experience for integrating agriculture into all subject areas. The information is not designed to be taught as a separate class.

The Hays course will be based on or near the Fort Hays State University campus, the Manhattan course will be based on the Kansas State University campus, the Kansas City class at the Farmland Industries Research Farm north of Bonner Springs and the Wichita class on or near the Wichita State University campus.

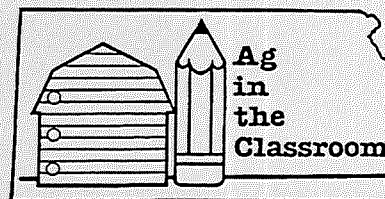
What's Required? In addition to taking an active part in the course, each teacher is required to develop a teaching unit for his/her class. A list of agricultural subjects will be provided for selecting topics. These units will then be made available to other teachers so they can also integrate agriculture into their classes. Each teacher is also required to give an in-service presentation within two years of the course and to report back to their scholarship sponsor.

Who May Enroll? Since class size must be limited, teachers are selected through application by the Kansas Foundation for Agriculture in the Classroom. Each teacher selected receives a scholarship to cover tuition. The scholarships are sponsored by agribusinesses, ag organizations, foundations and others who support the program.

What Do I Get? In addition to three hours of graduate credit, teachers receive challenging and exciting educational experiences. Each also receives a curriculum guide and many educational resources plus ideas for a multitude of projects and activities for integrating agriculture into all K-12 curricula. Credit for the Manhattan and Kansas City courses will be from Kansas State University -- 2 hours Agriculture and 1 hour Education. The Wichita course offers 2 hours from the Wichita State University Education and 1 hour Kansas State University Agriculture. Hays credits will include 1 hour Ft. Hays Education, 1 hour Ft. Hays Agriculture, and 1 hour Kansas State Agriculture.

How Do I Find Out More?

Kansas Foundation for
Agriculture in the Classroom
Bluemont 124, Kansas State University
Manhattan, KS 66506 (913) 532-7946



Integrating Agriculture into the Classroom

1991 Summer Course Application

Deadline for application: April 1, 1991

Name _____

School _____

Grade/Subjects _____

School Address _____

City _____ State/Zip _____

School Phone _____ County _____

Home Address _____

City _____ State/Zip _____

Home Phone _____ County _____

Feel free to use additional pages to complete this application.

1. Indicate your concept of an integrated curriculum and specify your experience in using an integrated curriculum.

2. Why do you want to integrate agriculture into your teaching?

Please note any previous work in developing curriculum projects or classroom materials which other teachers may use.

4. List projects or activities completed that demonstrate your creativity as a teacher.
5. Each teacher is required to give an in-service presentation within two years of taking the course. Please indicate your experience in giving this type of presentation and note how you might fulfill this commitment.
6. Please note your years of teaching experience and subjects taught.

Is the course to be used for a graduate degree, recertification or personal professional development?

8. The foundation requests that you report to the group sponsoring your scholarship in written form and with a presentation to the board of directors or at an annual meeting. Please indicate how you might meet this obligation.

9. To which course are you applying?

Hays--June 4-14 _____

Manhattan--July 8-19 _____

Kansas City--June 24-July 5 _____

Wichita--July 15-26 _____

Please call if you have questions about the course. Deadline for applications is **April 1**.

Kansas Foundation for
Agriculture in the Classroom
Bluemont 124, Kansas State University
Manhattan, KS 66506
(913) 532-7946