

Approved January 25, 1990
Date

MINUTES OF THE Senate COMMITTEE ON Agriculture

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

10:13 a.m./~~p.m.~~ on January 24, 1990 in room 423-S of the Capitol.

All members were present except: Senator Daniels (excused)

Committee staff present: Raney Gilliland, Legislative Research Department
Jill Wolters, Revisor of Statutes Department

Conferees appearing before the committee: Steven Graham, Administrator, Kansas Wheat
Commission
Dale Konzem, Chairman, Kansas Soybean Commission
Joe Berry, Chairman, Kansas Wheat Commission
John Wise, Chairman, Kansas Corn Commission
Craig Polson, Chairman, Kansas Grain Sorghum
Commission

Senator Allen called the Committee to order and called on Steven Graham.

Mr. Graham called on the following to brief the Committee on the different commissions.

Mr. Konzem gave the Committee copies of his testimony (attachment 1). Mr. Konzem explained that the Soybean Commission, if the federal adopts a national check-off, may need legislative action to allow for the collection and payment of the check-off for Kansas.

Mr. Berry provided copies of his testimony (attachment 2) for the Committee. Mr. Berry expressed budget concerns due to the recent drought and encouraged the Legislature to not cut the KTEC budget.

In answer to a Committee question of whether Kansas State is able to supply all the seed needed, Mr. Berry answered that the more that are working on seed research and production means more results and in a shorter length of time. Mr. Berry answered that by not having a full membership in the U.S. Wheat Association that Kansas loses part of its voting privileges.

Mr. Wise gave to the Committee copies of his testimony (attachment 3). Mr. Wise called attention to the listing of how the Corn Commission's grant monies are spent. Mr. Wise stated that anything can be made from corn that can be made from oil, but that, at this time, it is more expensive.

Mr. Polson gave the Committee copies of his testimony (attachment 4). Mr. Polson stressed the cooperation of the Grain Sorghum Commission with the International Grains Program at Kansas State. Mr. Polson shared a brief statement from the Grain Sorghum Commission concerning legislation that pertains to environmental issues concerning agriculture (attachment 5).

Senator Allen thanked the conferees and called for Committee action on Committee minutes.

Senator Sallee made a motion that the Committee minutes of January 23 be approved. Seconded by Senator Montgomery. Motion carried.

The Chairman adjourned the Committee at 10:59 a.m.

Chm. Kerr

" RO. LAUGH

" ALLEN

" BAKER

Comments by:
Mr. Dale Konzem, Chairman, Kansas Soybean Commission
24 January 1990

Chairman and members of your committee, it is a pleasure to have the opportunity to speak with you today regarding the Kansas Soybean Commission. As chairman of the commission I wish to share with you highlights of our program. I serve with six other soybean producers representing seven districts of the state. You have in front of you the current year projects selected by the commission for support. Let me highlight a few of those efforts.

1) Market development activities for Kansas soybeans are conducted in conjunction with twenty-five other state soybean check-off programs through the auspices of the American Soybean Development Foundation (ASDF). Three Kansas producers are members of this forty-six member board. ASDF matches state support with USDA and Targeted Export Assistance grants to provide over 200 export promotions activities in 86 countries. Promotions utilizing soyoil in West Germany, soybean meal feeding ration trials in Korea, feed mill training in Turkey and Yugoslavia and human dietary nutritional programs in Mexico are representative of projects supported by Kansas soybean check-off dollars. Domestic programming also directed by ASDF with state sponsorship include soyoil consumer programs on saturated fats, soyoil ink promotions now utilized by one-half of the major newspapers, soyoil as a dust suppressant in grain and feedmill operations, and soy meal processing technology for improved beef, dairy, swine and poultry rations.

2) The Kansas Soybean Commission's support of research at Kansas State University, the Parsons Experiment Station and the Garden City Experiment Station plays an integral role in the total soybean research effort in the state. Without commission support Southeast and Southwest Kansas producers would not have adequate production data. Studies in crop rotations, tillage, herbicide and insecticide management, and optimum variety potential are supported for producer benefit. New research areas include studies investigating soybean protein fibers for textiles and extrusion technology for food applications of soybeans.

3) Coordination with the Kansas Soybean Association through regional profit seminars, an annual exposition and a soybean spokesman series are established to educate consumers, producers and processors of soy value. Further coordination was provided last year with ten soybean trade teams visiting Kansas to study soyoil refining, soy nutritional characteristics, handling and storage techniques, and pricing.

*Senate agriculture committee
1-24-90
attachment 1*

FY 90
KANSAS SOYBEAN COMMISSION

MARKET DEVELOPMENT GRANTS (continued)
AMERICAN SOYBEAN DEVELOPMENT FOUNDATION \$206,256

RESEARCH GRANTS (continued)

1. "Agronomic Effects, Profitability, and Riskiness of Long-term Crop Rotations in Southeastern Kansas" Southeast Kansas Branch Station and Agricultural Economics 5,000
2. "Breeding Soybeans for Increased Productivity" Agronomy and Plant Pathology 46,756
3. "Effect of Tillage Systems and Wheel Track Compaction on Soybean and Soil Properties" Southeast Kansas Branch Station and Agronomy 8,891
4. "Development of Computer Software to Assist Soybean Growers in Selecting their Most Optimum Soybean Varieties" Agronomy 2,800
5. "Soybean Cyst Nematode and the Charcoal Rot Fungus: Effect of Soil Factors and Cropping Sequence on their Interaction" Plant Pathology 13,504
6. "Grain Storage, Handling and Sanitation Specialist" Department of Grain Science 12,090
7. "Market Development Grant - International Grains Program" Department of Grain Science 9,876

RESEARCH GRANTS (new)

8. "Soybean Cultivar Development for Southeastern Kansas" Southeast Kansas Branch Station and Agricultural Economics and Agronomy 15,000
9. "Determining Velvetleaf Radius-of-influence Effects Upon Intact and Injured Soybean Stands to Improve Profitability" Entomology 6,000
10. "Weed Management Systems in Western Kansas Soybean Production" Southwest Research-Extension Center 10,000
11. "Development of Soybean Protein Fibers for Textiles Suitable for Soybean/Wool Blend Yarns and Fabrics" Food and Nutrition, Clothing, Textiles, and Interior Design and Chemistry 10,000

KANSAS SOYBEAN COMMISSION

<u>DISTRICT</u>	<u>NAMES & ADDRESS</u>	<u>TELEPHONE NUMBER</u>	<u>EXPIRATION DATE</u>
I	Stanley McCauley RR 1, Box 213 Leona, KS 66532	913-359-6983	11/30/93
II	Russ Sylvester RR 3, Box 213 Ottawa, KS 66067	913-242-3598	11/30/93
III	Gary Parker RR 1, Box 126 Moran, KS 66755	316-496-2452	11/30/93
IV	Mark Wing RR 1 Altoona, KS 66710	316-698-3337	09/30/92
V	Dale Konzem, Chairman 409 N. Hersey Beloit, KS 67420	913-738-3092	09/30/92
VI	Ken Ott, Vice-Chairman RR 2 Mulvane, KS 67110	316-777-1092	09/30/92
VII	W. Stanley Compton RR 2 Larned, KS 67550	316-285-2568	06/30/91

Galen Swenson, Administrator
109 SW 9th Street
Topeka, KS 66612-1282
913-296-3738

KANSAS WHEAT COMMISSION TESTIMONY

BEFORE THE

SENATE AGRICULTURE COMMITTEE

JANUARY 24, 1990

Chairman Allen, members of the committee, ladies and gentlemen, my name is Joe Berry. I'm from Lenora in northwest Kansas and am chairman of the Kansas Wheat Commission. On behalf of all four commodity commissions, I thank you for the opportunity to appear before the committee.

The Kansas Wheat Commission was created by legislation in 1957. The commission is funded by an assessment at the first point of sale. The commission office is in Manhattan one mile west of the KSU campus. The commission is directed by seven wheat producers appointed to four year terms by the governor.

In 1988, the Kansas Wheat Commission asked for and received legislative authority to set the assessment at a rate of not more than 10 mills per bushel. On June 1, 1988, the commission set the assessment at 7 mills, which is \$7 per 1000 bushels. Today I would like to review some activities the wheat commission has underway and their impact on wheat producers in Kansas.

Senate Agriculture Committee

1-24-90

attachment 2

1. Kansas wheat producers are in touch with wheat buyers, millers and bakers worldwide through programs of U.S. Wheat Associates and the International Grains Program. U.S. Wheat Associates is 10 years old this month. Building on the 20 year history of Great Plains Wheat and Western Wheat Associates before it, U.S. Wheat Associates now has 14 overseas offices and carries out 350 programs in more than 140 countries. The top wheat and flour buyers in the world visited the U.S. and Kansas this past year, assisted by U.S. Wheat Associates.

One such buyer was Dr. Galal Aboul Dahab, Minister of Supply and Internal Trade for Egypt. Dr. Dahab is the third largest wheat buyer and the world's largest flour buyer. Dr. Dahab is also a Kansas State University graduate who was excited to visit his adopted state. Visits such as this are important in knowing our customers and explaining U.S. wheat and flour qualities.

U.S. Wheat Associates is busy establishing milling and baking schools worldwide to expand the technical expertise in these areas. School instructors are usually trained in Kansas at the International Grains Program or the American Institute of Baking. They go home knowing Americans they can call on for assistance as well as U.S. wheats' milling and baking qualities.

The International Grains Program in Manhattan is 10 years old and provides expertise through short courses here and consultants abroad. Professors teach "world" grain marketing and milling principles due to their extensive interaction with our foreign customers and provide an invaluable service in the marketing of Kansas and U.S. grain.

2. Kansas wheat producers help develop their future wheat varieties through efforts of the wheat commission. We have long supported the wheat breeding effort at Kansas State University (KSU) and its Ft. Hays Experiment Station. Our funding emphasis is on increasing the disease resistance and protein content of Kansas wheat. Protein content is important because Kansas flour mills need a certain level of protein to make their desired products. Without adequate protein in the Kansas crop, our flour mills can be forced to bring in spring wheat from North Dakota to supplement low protein Kansas wheat. Protein content is also important for securing good export markets.

Since 1980, four new wheats have been introduced by the university - Karl, Arkan, Norkan and Dodge. All have higher protein content than the popular varieties they replaced. For the past three years, Arkan has been planted on more Kansas acres than any other wheat variety. Karl will make its impact in the 1990s and should increase protein levels even higher.

Since 1980, the commission has worked with the KSU Plant Pathology Department to establish a Germplasm Resource Bank. This bank has grown to be the largest wild wheat and wheat-related grasses germplasm bank in the U.S.

Such efforts are very important to Kansas farmers and the seed industry. This summer both Cargill and Pioneer dropped their hard red winter wheat breeding programs, citing weak seed laws in this region. Their profit potential continued to be very poor with no protection for their proprietary varieties.

This is an issue with long-term implications on the ability of Kansas farmers to compete with wheat producers in other parts of the U.S. and the world. Seed protection will be an issue here this year. What it directly means for Kansas farmers is that they are left with AgriPro and KSU as their major sources of seed wheat. State and wheat commission funding of KSU's wheat breeding efforts is more important now than at any time in recent years.

3. Wheat producers have created an entirely new class of wheat in the U.S. Since the late 70's, the Kansas Wheat Commission has been funding work at KSU in the development of hard white wheat. This wheat will allow Kansas wheat producers to enter new markets due to the different milling, baking and taste properties of hard white vs. hard red wheat.

The white wheat program proceeded slowly until 1986 when the decision was made to greatly increase the university's efforts. The commission secured matching funding in each of the past three years from the Kansas Technology Enterprise Corporation. Investments averaging \$500,000 per year have greatly enhanced KSU's breeding and market development efforts. These investments also were necessary to encourage AgriPro to go forward with its white wheat program rather than abandon it.

We are aware of the State's tight budget situation and the fact that KTEC funding has been slated by some for cuts in both this and the next fiscal year. We desperately need the full funding this fiscal year and would ask your help in stopping cuts to the KTEC budget. The original agreement was for KTEC to assist the white wheat program for three years. After that the commission would try to continue the program on its own. Due to the drought cutting commission income in half this year, we hope you will maintain KTEC's full funding through June.

The wheat commission's ten year's of work on hard white wheat have led to the creation of a new wheat class under the rules of the Federal Grain Inspection Service. The new Hard White wheat class goes into effect on May 1, 1990.

We also have two private companies in Kansas dealing with white wheat. A for-profit producer cooperative named the

American White Wheat Producers Association (AWWPA) coordinates contract growing of hard white wheat in Kansas and the marketing of flour or bulgur made from the wheat. AWWPA entered into an agreement with Dillons Stores for the production of the first commercial product in Kansas made from hard white wheat. The product is Kansas Wheat Bread and the wheat commission's spokespersons helped Dillons and AWWPA with the bread's introduction last fall. Dillons will soon have another white wheat bread on the market.

Recently, another company has been formed. Located in Ulysses, it is called High Plains Quality Foods. This company is producing hard white wheat tortillas and is pursuing other product ideas.

The first export cargo of hard white wheat left California last month. Markets are being explored aggressively both internationally and within the U.S. and the future is exciting.

4. Wheat producers are working to clean up grain exports. The issue of grain cleanliness is one the commission has worked on for many years. Starting in the late 70s, the commission funded a series of reports which defined the problems involved in grain cleanliness, studied the costs and benefits of grain cleaning, the types of cattle rations wheat cleanings could be used in, plus the reasons some elevators and mills were using

cleaning equipment. These reports along with many articles and meetings have resulted in changes to the grain standards, modifications in the way grain is being purchased and handled, and a reduction in complaints from overseas purchasers.

Due to the need for cleaning equipment, at least four companies are in business in Kansas producing this equipment.

We know of one grain company in western Kansas which is using the small aspirators to test the cleanliness of the wheat and then is paying farmers a premium for wheat which meets certain specified cleanliness standards. We are very encouraged by this development and hope it succeeds and is copied.

5. Wheat producers realize the need to find new food and nonfood uses for their wheat. Research the agriculture committees directed the commission to fund and conduct a few years ago involved new ways of using starch or gluten. The results helped Midwest Grain Products, our nation's largest starch and gluten plant, find new markets for its starch. A new commission project is studying more efficient ways to separate starch and gluten. This research could lead to the use of small wheat starch granules in plastics and expanded starch markets.

The commission is a member of the Wheat Foods Council which strives to increase consumption of wheat foods in the U.S. Sharon Davis, nutritionist for the Kansas Wheat Commission, is

currently chair of the Wheat Foods Council. Some council programs include sending features to the nation's largest newspapers in the major markets across the country plus exhibiting at large national/international shows such as the National Restaurant Association convention, the largest convention in the U.S. with attendance of over 100,000. Current Wheat Foods Council activities involve such groups as the American Cancer Society, National Association of Pizza Operators, American Airlines & New Orleans Saints football team.

Due to the short harvests of the past few years, we were forced to reduce this year's budget by \$600,000. For the first time ever we are not full members of U.S. Wheat Associates. Reductions in funding to the International Grains Program, research projects and many other commission projects were necessary. The commission is currently short two staff members. However, the commissioners plan to stay at the seven mill assessment level for the foreseeable future. We are hopeful that Kansas will have more normal crops and that commission funding can be carried out without an assessment increase.

I thank you for the opportunity to discuss some of the Kansas Wheat Commission programs with you today. The assessment the producer pays is small, but I feel the returns to farmers and rural Kansas are large. I will be glad to answer questions.

Comments by:
Mr. John Wise, Linwood, Kansas
Chairman, Kansas Corn Commission
24 January 1990

Chairman and members of your committee, it is a pleasure to have the opportunity to speak with you today regarding the Kansas Corn Commission. As chairman of the commission I agreed to join the other commission representatives to share with you highlights of our program. I serve with eight other corn producers on the commission to evaluate and invest check-off funds for activities of benefit to the producer who contribute to such program. You have in front of you the current year projects selected by the commission for support. Let me highlight a few of those efforts. 1) The market development grants with the U.S. Feed Grains Council, and U.S. Meat Export Federation provide foreign market enhancement support to on-going programs in 15 countries. Projects funds are matched with fourteen other state check off programs along with USDA funds to support pilot feed mills in Central China, and the Russian Republics, corn processing trials in Korea and Taiwan and food supply and quality demonstrations in Japan and Venezuela. Domestic marketing efforts conducted by the National Corn Development Foundation concentrate on expanded use products including degradable corn starch plastics, oxygenated ethanol fuels, and corn sweetened foods. Additionally, coordination was provided to eight corn trade delegations while in Kansas to expand their knowledge of livestock nutrition, processing techniques, shipping and marketing. 2) The research programs supported by the commission include a variety of production, utilization, and cost efficiency investigations. In-state projects at Kansas State University concentrate on effective insecticide controls and hybrid development of corn. Studies at the University of Kansas, Pittsburg State University and private institutions are investigating new uses for corn in starch polyglucans and solar collection applications. 3) Cooperation with the Kansas Corn Grower Association has been recently enhanced with the addition of statewide programming highlighting non-food uses of corn. Exhibitions at state and county fairs, trade shows and environmental conferences have exposed the general public to new uses of corn versus the traditional use as an animal feedstuff.

While difficult to measure the effectiveness of the above programs toward economic benefit, it has been the commission's experience to evaluate the needs of the grower prior to selecting any programs for support. Attempts to educate the user, provide production efficiency data to the producers and to sell foreign buyers on the quality of our product, have seen economic and developmental

Senate agriculture committee
1-24-90
attachment 3

results to the corn industry of Kansas.

I will finish my comments by giving my appreciation to this committee for your support of our efforts in the past and would encourage any comments which may enhance the viability of our program. I am pleased to be able to work with the other commissions of grain sorghum, soybean and wheat as we pursue programs of mutual interest of grain quality, food safety, foreign market expansion, and cooperation with KSU's International Grains Program.

I will be happy to answer any questions. Thank you for your attention.

Attach: Fiscal Year 1990 Budget
 Commission Member List

FISCAL YEAR 1990

KANSAS CORN COMMISSION

MARKET DEVELOPMENT GRANTS (continued)

U.S. FEED GRAINS COUNCIL	\$110,000
U.S. MEAT EXPORT FEDERATION	25,000
NATIONAL CORN DEVELOPMENT FOUNDATION	70,000

RESEARCH GRANTS (continued)

1. "Dryland Corn Management for Western Kansas" Agronomy and SW Kansas Branch	\$11,887
2. "Genetic Characterization of Populations of <u>Fusarium moniliforme</u> Isolated from Corn in Kansas" Plant Pathology	10,017
3. "The Ability of Seedborne Strains of <u>Fusarium moniliforme</u> to Cause Stalk Rot in Corn" Plant Pathology	18,714
4. "In vitro Production of Haploids via Anther Culture and Artificial Induction of F1 Hybrid Seeds in Corn" Agronomy	9,969
5. "Grain Storage, Handling and Sanitation Specialist" Department of Grain Science	9,015
6. "Market Development Grant - International Grains Program" Department of Grain Science	12,090

RESEARCH GRANTS (new)

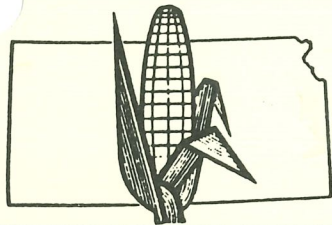
7. "Spider Mite Resistance to Miticides and its Impact on Spider Mite Control in Kansas Corn" Entomology	10,000
8. "Development of a System to Double-Crop After Corn for Southeastern Kansas" Agronomy	8,273
9. "Safer, Yet Equally Effective Corn Borer Insecticides for Conventional and Insectigation Use?" Entomology	8,711
10. "Validating the KSU European Corn Borer Model and Producing Publications of Mutual Interest" Entomology	11,031
11. "Structural Studies of Corn Trypsin Inhibitor by NMR Spectroscopy" Plant Pathology	5,000

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Kansas Corn Commission
FY 1990

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|-----|---|--------|
| 12. | "Conversion of Corn Starch to a Multi Purpose
Microbial Polyglucan"
Department of Microbiology, University of Kansas | 10,270 |
| 13. | "Slurper Suitability for Solar Pond Stabilization"
Department of Mechanical Engineering, University
of Kansas | 10,000 |
| 14. | "Market Potential and Economical Implications for the
Use of Corn Starch in Biodegradable Waste Products"
DPRA, Manhattan, Kansas | 19,000 |

KANSAS CORN COMMISSION

<u>DISTRICT</u>	<u>NAME AND ADDRESS</u>	<u>TELEPHONE NUMBER</u>	<u>EXPIRATION DATE</u>
I	Harlan D. House RR 1, Box 48 Goodland, KS 67735	(913) 889-2619	11/30/93
II	Marvin Wiechman 708 Ora Scott City, KS 67871	(316) 872-3050	11/30/93
III	Robert Reed Box 97 Copeland, KS 67834	(316) 668-5380	11/30/93
IV	Larry Heidrick RR 2 Beloit, KS 67420	(913) 593-6658 (H) (913) 738-3927 (F)	09/30/92
V	Kurtiss Forsberg 2444 E. Mentor Road Assaria, KS 67416	(913) 667-5443	06/30/92
VI	Dennis Siefkes RR 3 Hudson, KS 67545	(316) 458-5222	06/30/92
VII	John Wise, Chairman RR 1, Box 48 Linwood, KS 66052	(913) 723-3284	06/30/91
VIII	Scott Kelsey 17145 NW 54th Rossville, KS 66533	(913) 584-6589	06/30/91
IX	Kenneth Taylor, Vice-Chairman RR 3 Girard, KS 66743	(316) 724-4019	06/30/91
	Mr. Galen Swenson, Administrator 109 SW 9th Street Topeka, KS 66612-1282	(913) 296-3738	



Kansas Corn Talk

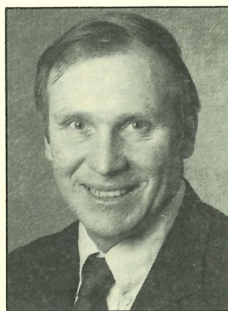
A Publication for Kansas Corn Growers Association Members

Fall-Winter 1989

President's Report

By Roger Pine

There's never been a better time to be a member of the Kansas Corn Growers Association (KCGA). We're moving forward with activities and programs to help you sell more corn at more of a profit. This issue of "Kansas Corn Talk" is filled with news about KCGA activities as well as a summary of how your corn checkoff dollars are invested by the Kansas Corn Commission (KCC).



I'm proud to be serving as your new KCGA president. I've seen our association grow in numbers and enthusiasm during the four years since I joined KCGA. Now I hope to keep KCGA forging ahead with programs to expand membership and generate new excitement about corn-based products in Kansas.

You help build a solid future for Kansas corn growers through your membership in KCGA and your participation in the Kansas corn checkoff. And I challenge you to do more. Contact your KCGA director listed in this newsletter and ask how to sign up a new member or how to volunteer to promote biodegradable plastics or ethanol. And suggest areas of research or market promotion to your KCC commissioner, who is also listed in this newsletter.

Working together, we can accomplish great things for our association and our industry!

Inside This Issue

- * Corn Checkoff Investment Report
- * Leadership Directory
- * Wichita Ethanol Project

Plans Underway For Annual Expo

You're invited to the Kansas Corn, Grain Sorghum and Soybean Expo. Once again KCGA is proud to help sponsor the event, Feb. 4-6, 1990, in Manhattan at the Holidome. Other co-sponsors are the Kansas Soybean Association, the Kansas Grain Sorghum Producers Association and the Kansas Crops and Soils Industry Council.

Expo includes each association's annual meeting, plus production and marketing sessions for each commodity. In addition, the Expo trade show will highlight what's new in equipment, chemicals, seed and marketing. And the winners of the 1989 Kansas Corn Yield Contest will be honored at Expo.

This year, KCGA Executive Director Jere White is serving as over-all coordinator for Expo. Roger Pine is chairman of facilities and registration; Don Lundquist serves on the exhibits and registration committee; Charles Ott serves on the publicity and advertising committee; and Lyle Sommerfeld serves on the speakers and programs committee.

Call them with your suggestions. See the Leadership Directory for phone numbers. KCGA will be sending registration information at a later date.

Everyone Cleans Up With Litter Promotion

Lawrence and Atchison, Kan., benefited from recent KCGA Clean Up Campaigns. KCGA helped furnish biodegradable trash bags made with corn starch; local residents picked up trash; and the media provided publicity.

"Everyone benefits," says KCGA President Roger Pine. "The cities get rid of trash, and consumers learn about biodegradable plastics."

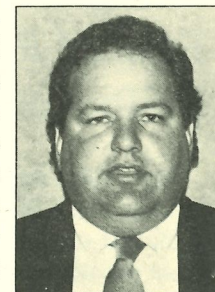
Symbol Ignites Ethanol Excitement

A new logo is out to help spark demand for ethanol in Kansas. KCGA commissioned the logo to appeal to consumers, and to remind them that ethanol is the environmentally sound choice for fuel. KCGA will use the new logo in all of its promotions.



Staff Person Now Assists Association

We're growing! KCGA added its first part-time staff person in January. Jere White works about 30 hours a week for us as Executive Director based in Garnett.



Jere has set three goals: Build KCGA membership; get every Kansas grocery store to carry degradable plastics; and make ethanol readily available in every major city in Kansas.

You can call Jere at 913/448-6922, but don't be surprised if you don't reach him on the first try. Jere is usually on the road promoting for KCGA.

Ethanol Promotion Aimed At Wichita

Wichita has been targeted as the primary city for KCGA's efforts to promote ethanol. Jere White anticipates a three-part program: Assessing ethanol's current availability; expanding its availability; and convincing consumers to try it.

Jere says the KCGA directors selected Wichita because it is a major population center, and they are concerned about ethanol's negative image there. "The fuel merchandisers prominently display 'no alcohol fuel' signs; we want to turn that around," says Jere.

KCC and KCGA received a \$2,500 grant from the Renewable Fuels Association to use in ethanol promotion programs.

National Notes

- * U.S. Department of Defense staff met with NCGA recently to explore the potential for degradable plastics to replace nondegradable items currently used by the DOD.
- * NCGA has signed as a charter member of the Degradable Plastics Council (DPC), a non-profit, educational trade association formed to promote the industry.

Ready To Roll, Ethanol Promotion Shifts Into High Gear

Remember that 1968 Mustang convertible you wish you still had? Well, KCGA is using just such a car to promote ethanol. Executive Director Jere White restored a '68 Mustang and uses only ethanol blends in the car. The Mustang has already made its debut at the Kansas State Fair, now it's on the road featured at county fairs and festivals. If you have an event coming up where you want to promote ethanol, call Jere at 913/448-6922. He and the KCGA Mustang will cruise over to your town.

Japanese Learn More About Beef

Culinary experts from Japan toured the U.S. Sept. 17-25 to get a taste of U.S. beef American style, reports the Meat Export Federation (MEF). It funded the tour, in part with checkoff dollars invested by KCC. The Japanese team observed how Americans produce beef and how they cook it. They watched the National Beef Cookoff and visited supermarkets, restaurants, a feedlot and a packing plant. A Japanese television crew recorded tour highlights to produce special reports on the U.S. beef industry for Japanese consumers.

Numbers That'll Please You

U.S. red meat exports have nearly tripled since USDA began allocating Targeted Export Assistance (TEA) funds to the industry three years ago, reports MEF. Total U.S. red meat exports in 1988 were valued at \$1.8 billion. Beef and veal exports at mid-year were up 85% over the same period last year; pork exports were up 60% and lamb exports were up 377%. Over the life of the TEA program, MEF has received \$44.5 million, including \$9 million allocated for the coming year.

Membership Matters!

By Melvin Simpson
KCGA Membership Chairman

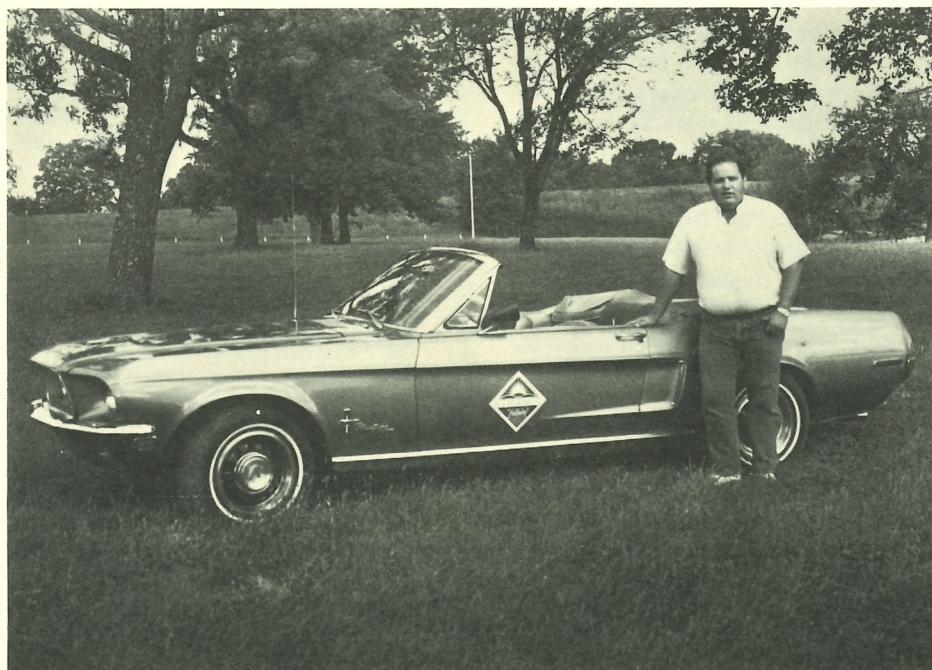
I'm challenging you to help KCGA expand its membership. If everyone signs up one new member, we could see KCGA double in size almost overnight! Right now, KCGA has 345 members. We want to boost that total to more than 450—a 30% increase.

Our membership program is successful when members ask their neighbors to join. Often, an invitation is all that it takes. So don't keep putting it off—we need your recruitment efforts to fill our membership roster.

KCGA continues participating in the NCGA national membership campaign, the NCGA/Du Pont Award of Excellence Program. The annual program began in October. It offers membership recruiters the opportunity to compete for incentives such as a Remington 11-87 shotgun; luggage; Du Pont farm chemicals and a trip for two to the 1991 Corn Classic in Kansas City, Mo., and leadership training at Du Pont headquarters in Wilmington, Del. Some restrictions apply. Call for details, 316/649-2343.

* * * * *

Congratulations to Don Lundquist, He led the latest KCGA annual membership drive by signing 20 new members!



District Nine Director Appointed

David McMillan was recently appointed by the KCGA board to serve as KCGA Director for District 9, southeastern Kansas. "We welcome David to this position," says Roger Pine, KCGA president. The position had been vacant. David farms near Independence and raises corn, wheat, soybeans and milo on 2,800 acres in partnership with his brother-in-law.

"Call me if I can help or you have a suggestion for the association," says David. "I am ready to represent southeastern Kansas corn growers."

In addition to participating in KCGA, David serves on his county Farm Bureau Board.

KCGA Encourages Consumers To Ask For New Products

"We want consumers asking for biodegradable plastics in every store in Kansas," says KCGA staffer Jere White. That's why he is visiting schools and consumer groups from one end of Kansas to the other.

Jere wants the public to know that biodegradable diapers and trash bags made with corn starch are already on the market, and that other products will be offered soon.

"Consumers have to know what's out there before they can ask for it," says Jere. "And consumer demand is what will build the biodegradable plastics market for us."

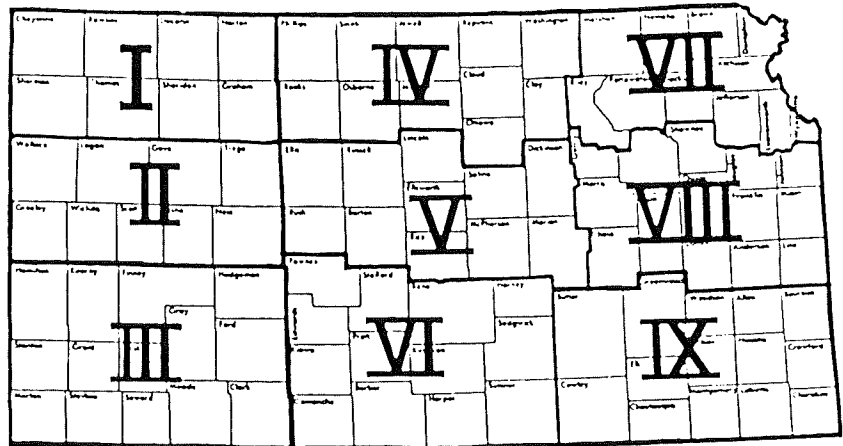
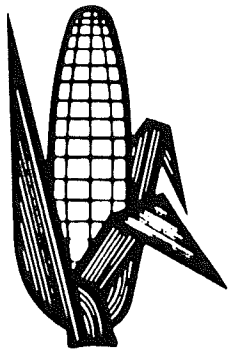
Exchange Increases Understanding

Robert Reed, a KCC director, recently returned from Japan. He was one of three U.S. farmers participating in a USFGC Farmer-To-Farmer Study Mission, Sept. 3-15. The immediate purpose of the mission was to share with Japanese farmers information on how U.S. farm cooperatives are structured, says Robert. But in the long term, Robert hopes exchanging views with Japanese farmers will help break the trade barriers Japan uses to limit feed grain imports.

Robert notes that Japan is traditionally the U.S.'s largest importer of feed grains. In 1988/89, USFGC estimates Japan will import 646 million bushels of corn.

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Corn Leader Directory

KCGA Directors

District 1 George Wiens, Monument, 913/462-3713

District 2 . Lyle Sommerfeld (vice president), Sharon Springs,
913/852-4330

District 3 . Melvin Simpson (membership chairman), Satanta,
316/649-2343

District 4 James Norris, Norway, 913/335-2527

District 5 Don Lundquist (treasurer), Lindsborg, 913/227-2605

District 6 Charles Ott, Peck, 316/773-1149

District 7 . . Harry Wullschleger (assistant secretary), Home,
913/799-3392

District 8 . . Roger Pine (president), Lawrence, 913/843-6949

District 9 . . . David McMillan, Independence, 316/331-2056
KSU representative Dr. George Ham, Manhattan,
913/532-6101

KCGA Secretary (KSU) Dr. Ray Lamond, Manhattan,
913/532-5776

Kansas Corn Growers Association, P.O. Box 446, Garnett, KS
66032; Jere White, executive director, 913/448-6922.

KCC Commissioners

District 1 Harlan Dale House, Goodland 913/899-2619

District 2 William Mai, Sharon Springs 913/852-4455

District 3 Robert Reed, Copeland 316/668-5380

District 4 Larry Heidrick, Beloit 913/593-6658

District 5 Kurtis Forsberg, Assaria 913/667-5443

District 6 Dennis Siefkes, Hudson 316/458-5222

District 7 . . . John Wise (chairman), Linwood 913/723-3284

District 8 Scott Kelsey, Rossville 913/584-6589

District 9 Kenneth Taylor (vice chairman),
Girard 316/724-4019

Kansas Corn Commission, Kansas State Board of Agriculture,
109 SW 9th Street, Topeka, KS 66612-1282; Galen Swenson,
administrator, 913/296-3738.

Corn Commission Checkoff Report

By John Wise, KCC Chairman

This year, your Kansas Corn Commission is allocating \$205,000 of your checkoff investment to market promotion programs. This includes \$110,000 committed to the U.S. Feed Grains Council, \$25,000 committed to the U.S. Meat Export Federation and \$70,000 committed to the National Corn Growers Association. Each of these investments is designed to help build overseas demand for corn as well as identify and promote new and nontraditional corn uses.



Also the KCC invests checkoff dollars in research at Kansas State University and the University of Kansas. This year, KCC is supporting 14 projects, eight of which are new research grants.

In funding research, your KCC directors search out projects that will cut production costs, increase disease resistance, improve insect and weed control and identify new uses.

If you have questions or suggestions about KCC checkoff dollar investments, please contact your KCC director. Phone numbers are listed in this newsletter.

KCC Research Investments

New Programs

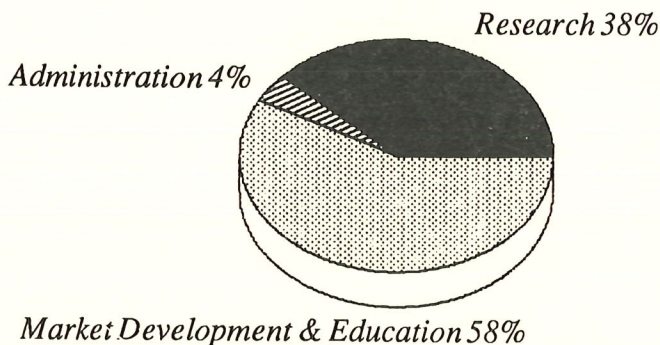
- * Determining spider mite resistance to miticides and its impact—KSU (\$10,000)
- * Developing double-crop system to follow corn in southeastern Kansas—KSU (\$8,273)
- * Evaluating potentially safer, effective corn borer insecticides for conventional and insectigation use—KSU (\$8,711)
- * Validation of KSU European Corn Borer computer model—KSU (\$11,031)
- * Advanced laboratory study of corn trypsin inhibitor—KSU (\$5,000)
- * Conversion of corn starch to multi-purpose microbial polyglucan—U of K (\$10,270)

- * Assessment of corn starch "per" as stabilizer for solar ponds—U of K (\$10,000)
- * Market potential for corn starch in biodegradable waste—DPRA (\$19,000)

Continuing Programs

- * Dryland corn management in western Kansas—KSU (\$11,887)
- * Characterizing Fusarium moniliform in corn—KSU (\$10,017)
- * Assessing how Fusarium moniliform causes stalk rot—KSU (\$18,714)
- * Improving in-vitro laboratory techniques to speed variety development—KSU (\$9,969)
- * Grain Storage, Handling and Sanitation Specialist—KSU (\$9,015)
- * Market Development Grant, International Grains Program—KSU (\$12,090)

Kansas Corn Checkoff Dollar Investments



Kansas Corn Growers Association
219 Throckmorton Hall
Kansas State University
Manhattan, Kansas 66506
913/532-5776

FMC

Newsletter support provided by FMC
Corporation Agricultural Chemical
Group, Philadelphia, PA

Kansas Corn Talk is a membership service of the Kansas Corn Growers Association.

Comments by:
Mr. Craig Polson, Axtell, Kansas
Chairman, Kansas Grain Sorghum Commission
24 January 1990

Chairman and members of the committee, I appreciate the opportunity to speak with you today regarding the Kansas Grain Sorghum Commission. As chairman of the commission, I agreed to join the other commission representatives in sharing with you some of the highlights of our program.

There are nine sorghum producers on the board which represent their respective districts of the state. Our primary responsibility is to evaluate and invest check-off funds for activities of benefit to the producer. I'd like to take a few minutes to target a few of those areas.

1) Market development activities are two fold in nature, international and domestic. The Kansas Grain Sorghum Commission is one of only three such programs in the United States and is therefore heavily involved in representing our product abroad as well as within our national borders. Kansas producers currently generate almost 1/2 of all national check-off revenue. Being the #1 grain sorghum producing state, we hold the position of being the leader in support of sorghum's interest in the U.S. Feed Grains Council. We currently pledge twice the investment of Nebraska's Board and seven times that of Texas to foreign market programming. We also have funded programs within the state to promote the use of sorghum in feeding rations in efforts to attract a larger share of the processed grain market within our own state and nation. Through the support of the U.S. Feed Grains Council, sorghum check-off funds are matched with Texas and Nebraska programs, USDA program funding, as well as Targeted Export Assistance dollars to conduct world wide sorghum feeding utilization and processing efforts. Programs in the Middle East, Southeast Asia, and Mexico remain of priority to sorghum activities in developing livestock sectors. Import restrictions and biases of sorghum have slowed export demand, but recent trade commitments and acceptance of the product have expanded sorghum sales. Domestic market promotion within the livestock feeding sector in beef, dairy and poultry producing regions is managed by the Grain Sorghum Promotion Federation. The three check-off states use the Federation as a vehicle to match resources and state expertise in studies and programs unable to be pursued by the individual state. Such entity also assisted with twelve foreign delegations which studied in each of the affiliated states to gather information on feed processing, nutritional management and pricing.

2) Grain sorghum research programs are a priority with the Commission.

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Our support of Kansas State University and its efforts in the areas of sorghum breeding, herbicide management, insecticide management, nutritional improvement and processing are vital to the producers individual program strategies. Kansas check-off dollars support new and ongoing research projects in an amount 8 times that of Texas' current involvement and double that of our bordering state to the north. Kansas has set the pace and will continue to break more new ground than any other research entity and has managed to maintain that position despite the drastically reduced budgets the past two droughts and insect plagued crops have brought us. Enhancements of sorghum research at the Fort Hays Experiment Station and the Garden City Experiment Station have provided valuable information to the livestock feeder and the producer alike.

3) Program support with the Kansas Grain Sorghum Producers Association has provided assistance with beef cattle feeding seminars within the state. Through an investigation which determined the efficiency of steam-flaked sorghum and corn in finishing rations, the Commission and the association have sponsored feeder/processor seminars to share the results of the study. The objective of the study evaluated feeding value, carcass characteristics, and consumer acceptance of beef finished on the steam flaked corn or sorghum. Results determined no differences in carcass evaluation and also showed an equality in relative energy values when comparing the two grains side by side in a stem-flaked ration for finishing cattle. These studies and their results were positively received by the feeding sector and have assisted in providing for an increased interest in sorghum based finish rations.

Each of these efforts, market-development, research and promotion/education are viewed with economic enhancement to the state's sorghum industry. By educating users domestically and abroad and by evaluating the production efficiency of the commodity, an obvious economic impact is realized by the grower.

I would like to close by sharing my appreciation for the committees attention and will certainly answer any questions you might have. The Kansas Grain Sorghum Commission is anxious to continue its efforts on behalf of the producers of Kansas, and will continue to cooperate with the other commission in supporting the activities of the International Grains Program at Kansas State University as well as assisting in the initiation and ongoing endeavors of new use programs within the state.

KANSAS GRAIN SORGHUM COMMISSION

MARKET DEVELOPMENT GRANTS (continued)

U.S. FEED GRAINS COUNCIL	\$160,000
U.S. FEED GRAINS COUNCIL (TARGETED EXPORT ASSISTANCE)	25,000
U.S. MEAT EXPORT FEDERATION	20,000
GRAIN SORGHUM PROMOTION FEDERATION	50,000

RESEARCH GRANTS (continued)

1. "Breeding Grain Sorghum for Improved Dryland Production" Agronomy	18,000
2. "Breeding Sorghum for Tolerance to <u>Fusarium</u> Stalk Rot" Agronomy and Plant Pathology	4,500
3. "Epidemiology and Management of <u>Fusarium</u> Seedling Blight of Grain Sorghum in Kansas" Plant Pathology	6,700
4. "Development of Sorghum Resistant to Production Hazards" Fort Hays Branch Station and Entomology	26,000
5. "Genetic Characterization of Populations of <u>Fusarium</u> <u>moniliforme</u> Isolated from Grain Sorghum in Kansas" Plant Pathology	6,700
6. "Development of Sorghum Resistant to Drought Stress and Spider Mites" Entomology and Agronomy	9,300
7. "Weed Management Systems in Western Kansas Grain Sorghum Production" Southwest Kansas Branch Station	5,900
8. "Rapid, Non-destructive Assessment of Sorghum Resistant to Greenbugs" Entomology and Agronomy	6,700
9. "Development of Grain and Forage Sorghum Resistant to Chinch Bugs" Agronomy	4,900
10. "Estimating Yield Loss from Cutworm Damage to Sorghum" Agronomy and Entomology	6,500
11. "Grain Storage, Handling, and Sanitation Specialist" Department of Grain Science	12,090
12. "Market Development Grant - International Grains Program" Department of Grain Science	13,873

RESEARCH GRANTS (new)

- | | | |
|-----|--|--------|
| 13. | "Development of Species Specific DNA Probes to Monitor Levels of Parasitism of Greenbug on Sorghum"
Entomology | 4,556 |
| 14. | "Breeding Sorghum for Improved Digestibility and Feed Efficiency"
Agronomy | 20,000 |
| 15. | "Determining the Role of Seed in Disseminating Bacterial Diseases of Sorghum"
Plant Pathology | 4,801 |
| 16. | "Identifying Acetanilide Herbicide Tolerance in Grain Sorghum"
Agronomy | 2,582 |
| 17. | "Grain Sorghum Plus Processed Tallow vs. Corn as a Dietary Energy Source for Lactating Holstein Cows"
Animal Science and Industry | 8,147 |

KANSAS GRAIN SORGHUM COMMISSION

<u>DISTRICT</u>	<u>NAME AND ADDRESS</u>	<u>TELEPHONE NUMBER</u>	<u>EXPIRATION DATE</u>
I	Tom D. Cook 300 E. Hill Street Colby, KS 67001	(913) 462-7122	06/30/89
II	Galen Diehl RR 1 Leoti, KS 67861	(316) 375-4950 375-4429	11/30/93
III	Gregory Shelor P.O. Box 56 Minneola, KS 67865	(316) 885-4609	11/30/93
IV	Terry Campbell 201 S. River Beloit, KS 67420	(913) 738-3119	09/30/92
V	Leon Suderman RR 2, Box 90 Hillsboro, KS 67083	(316) 947-5968	09/30/92
VI	Nathan Schepmann RR 1, Box 164 Preston, KS 67569	(316) 656-8991	09/30/92
VII	Craig Polson 300 Maple, Box 1 Axtell, KS 66403	(913) 736-2818	06/30/91
VIII	Gene Vining RR 1 Richmond, KS 66080	(913) 835-6598	06/30/91
IX	John Stroble RR 1, Box 33 Elk City, KS 67344	(316) 627-2212	06/30/91

Galen Swenson, Administrator
109 SW 9th Street
Topeka, KS 66612-1282
(913) 296-3738

With the fear spreading from Hollywood to New York City concerning the environmental issues of the day, the Kansas Grain Sorghum Commission will continue to strive for accurate and non biased information to be acquired and released. As farmers and ranchers, WE represent the true environmentalists, and are more closely tied to the elements than those who manage to attract and monopolize the press. We ask that as you are barraged with bills and amendments concerning these issues, that you seek out the real facts, and promote legislation that will allow agriculture to move ahead. We must not allow the ideas of a few who claim to speak in the interest of agriculture, to choke out the technological advances that have enabled us to efficiently and safely feed the world. Thank You.

Craig M. Polson

Chairman, Kansas Grain Sorghum Commission

Senate Agriculture Committee

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