

Approved Feb. 4, 1992  
Date

MINUTES OF THE HOUSE COMMITTEE ON AGRICULTURE

The meeting was called to order by Representative Lee Hamm at  
Chairperson

9:05 a.m./~~p.m.~~ on Friday, January 31, 1992 in room 423-S of the Capitol.

All members were present except: Representative Garner, excused  
Representative Wisdom, excused  
Representative Lawrence, D., excused

Committee staff present: Raney Gilliland, Legislative Research  
Lynne Holt, Legislative Research  
Jill Wolters, Revisor of Statutes Office  
Pat Brunton, Committee Secretary

Conferees appearing before the committee: Gary Hall, Special Assistant  
to the Secretary, Kansas State  
Board of Agriculture

Steve Morris, Farmer/Stockman,  
Hugoton

Chairman Hamm requested introduction of a bill that would set up a fee on each ton of dog food to be credited to the animal dealers fee fund.

Representative Reinhardt made a motion to introduce this legislation. Representative Gatlin seconded. Motion carried.

The Chairman introduced Gary Hall, Kansas State Board of Agriculture, who informed the committee of the project presented for its consideration. (Attachment 1). The report of the Agricultural Research Initiatives in it's entirety is on file in the Legislative Research Department, Room 545-N, State Capitol. Mr. Hall further stated the desire to see in agriculture, a situation where Kansas farmers and ranchers are competitive in the international market place.

Because of the globalization of agriculture, the premise of this project is to try to identify research needs of the future to address the competitive nature of the business. He informed the committee this was a private sector project.

Steve Morris, Hugoton, appeared before the committee as the spokesperson for this project. He stated the project was very exciting for all participants and introduced each chairman of the various sectors of the project.

Each chairman gave a short summary of their particular committee's research findings.

A question and answer period followed.

The meeting adjourned at 10:00 a.m. The next meeting of the House Agriculture Committee is to be at 9:00 a.m. on Tuesday, February 4, 1992, in room 423-S, State Capitol.



**PRESENTATION**

Presented to

**HOUSE COMMITTEE ON AGRICULTURE**

re.

**KANSAS AGRICULTURAL RESEARCH INITIATIVES**

**REPORT**

January 31, 1992

HS. AG.  
1-31-92  
ATTACHMENT 1

## AGRICULTURAL RESEARCH INITIATIVES INDUSTRY GROUPS, CHAIRS, MEMBERS, AND STAFF

### WHEAT

JOHN JR. ARMSTRONG, FARMER/STOCKMAN,  
MUSCOTAH, KS  
Joe Jagger, Farmer/Stockman,  
Minneapolis, KS  
Art Armbrust, Co-Owner, Sharp Bros. Seed,  
Healy, KS  
Adrian Polansky, Farmer/Certified Seed Dealer,  
Belleville, KS  
Steven Graham, Kansas Wheat Commission,  
Manhattan, KS

### FEEDGRAINS

STEVE MORRIS, FARMER/STOCKMAN,  
HUGOTON, KS  
Jeff Casten, Farmer/Stockman,  
Quenemo, KS  
Larry Dahlsten, Farmer/Stockman,  
Lindsborg, KS  
Bob Edwards, Farmer/Stockman,  
Olsburg, KS  
Allen Hurley, Farmer/Stockman,  
Republic, KS  
Galen Swenson, Kansas Board of Agriculture,  
Topeka, KS

### OILSEEDS

DALE PETERSON, FARMER/STOCKMAN,  
CLIFTON, KS  
Elmer Davis, Farmer/Stockman,  
Haviland, KS  
Alan States, Farmer/Banker,  
Logan, KS  
Charles Hamon, Farmer/Certified Seed Dealer,  
Valley Falls, KS  
Galen Swenson, Kansas Board of Agriculture,  
Topeka, KS

### HORTICULTURE

RON MEIER, MEIER PRODUCE,  
TOPEKA, KS  
Carl Meyer, Horticulture Services,  
St. George, KS  
Dick Stuntz, Alvamar Golf and Country Club,  
Lawrence, KS  
Nick Steffen, Orchard Owner,  
Conway Springs, KS  
Loreen Locke McMillan, Kansas Board of Agriculture,  
Topeka, KS

### MEAT PROCESSING

DEL ALLEN, EXCEL INC.,  
WICHITA, KS  
Bob Danler, Flint Hills Foods Inc.,  
Alma, KS  
Scott Goltry, Ohse Meats Inc.,  
Topeka, KS  
Dean Danielson, IBP Inc.,

### LIVESTOCK

CHUCK MUNSON, STOCKMAN,  
JUNCTION CITY, KS  
Arlen Dettmer, Stockman,  
Alta Vista, KS  
Mike Currie, Dairy Owner,  
Gypsum, KS  
Ken Goodyear, Stockman,  
Dwight, KS  
Jerry Dudley, Kansas Board of Agriculture,  
Topeka, KS

### WHEAT PROCESSING

PAT THIESSEN, CARGILL MILLING,  
WICHITA, KS  
Henry Solle, Continental Baking Co.,  
St. Louis, MO  
Mark Stearns, Campbell-Taggart Inc.,  
Dallas, TX  
Jerry Lassiter, Midwest Grain Products,  
Atchison, KS  
James Allen, McShares Inc.,  
Salina, KS  
Greg Frazier, Staff Director, U.S. House Subcommittee on  
Wheat, Soybeans, and Feedgrains,  
Washington, DC  
Steven Graham, Kansas Wheat Commission,  
Manhattan, KS

### HAY and FORAGE

CHUCK MAGATHAN, STOCKMAN,  
CEDAR POINT, KS  
Carlton Bert, Bert-Wetta Processors,  
Larned, KS  
Charlie Moore, Producer,  
Modoc, KS  
Rich Porter, Stockman,  
Reading, KS  
Kenneth Boughton, Kansas Board of Agriculture,  
Topeka, KS

### AGRI-BUSINESS

CHUCK JOHNSON, JOHNSON ELEVATORS,  
MENTOR, KS  
Roger Wolfe, White Cloud Grain,  
Hiawatha, KS  
Bill Armfield, Kansas Crop Service Inc.,  
Whitewater, KS  
Tom Lutgen, Star Seed Company,  
Osborne, KS



## WHEAT

THE STATE NEEDS TO INCREASE THE EFFORTS IN WHEAT BREEDING AND BIOTECHNOLOGY.

THE STATE SHOULD RESUME ITS FUNDING OF THE BREEDING AND END-USE PROGRAMS FOR HARD WHITE WINTER WHEAT.

THE STATE SHOULD FUND RESEARCH AT K-STATE TO DETERMINE NEW REWARD SYSTEMS TO PROVIDE FINANCIAL INCENTIVES ENTICING GROWERS TO PRODUCE WHEAT WITH ENHANCED MILLING AND BAKING QUALITY.

## FEEDGRAINS

WATER QUALITY ISSUES RELATIVE TO FEEDGRAIN PRODUCTION SHOULD INCLUDE THE ESTABLISHMENT OF A SANDY LAND IRRIGATION SITE FOR SPECIFIC-NEED RESEARCH. COMPARATIVE ANALYSES SHOULD BE MADE INCLUDING DRYLAND MANAGEMENT, FLOOD IRRIGATION VERSUS SURGE, DROP SYSTEMS, AND LEPA VERSUS LOW PRESSURE SYSTEMS. SUPPORT SHOULD BE REQUESTED FROM THE STATE WATER PLAN FOR THE STUDY OF SANDY LAND IRRIGATION EFFICIENCY, WITH MATCHING SUPPORT FROM PRIVATE IRRIGATION MANUFACTURERS.

CONSOLIDATION OF RESEARCH EFFORTS AMONG RESEARCH FIELDS IN THE STATE IS RECOMMENDED WITH CENTRALIZED MANAGEMENT OF STATE-SPONSORED RESEARCH. STRATEGIC PLANS SHOULD BE DEVELOPED FOR EACH OF THE STATE'S RESEARCH CENTERS, WITH EMPHASIS ON REGIONAL CLIMATIC, SOILS, AND ENVIRONMENTAL FACTORS.

BASIC RESEARCH AND DEVELOPMENT OF SCREENING TECHNIQUES FOR NEW MATERIALS IS SOUGHT BY COMMERCIAL INTERESTS WITH MATCHED SUPPORT BY THE PUBLIC SECTOR. MATCHING RESEARCH SUPPORT FROM TECHNOLOGY CORPORATIONS AND FEDERAL GRANTS TO MATCH EXISTING STATE APPROPRIATIONS IS SOUGHT.

## OILSEEDS

COOPERATIVE SOYBEAN TESTING WITH OTHER STATE PROGRAMS IS NEEDED IN AREAS OF CYST NEMATODE, BIOENGINEERING AND MOLECULAR DEVELOPMENT, INCLUDING REMOTE SENSING AND IMAGE ANALYSIS. COOPERATIVE STATE RESEARCH SUPPORT SHOULD BE DEVELOPED WITH THOSE STATES WITH EXPERTISE IN MINOR OILSEED RESEARCH DEVELOPMENT EFFORTS.

STATE SUPPORTED SOYBEAN RESEARCH PROGRAMS MUST RECOGNIZE PRODUCTION PROBLEMS AND ADAPT CHEMICAL CONTROL MECHANISMS TO MATCH NEEDS. VARIETY DEVELOPMENT, IRRIGATION MANAGEMENT, AND SOIL CHARACTERISTICS NEED SPECIFIC ATTENTION IN STATE PROGRAMMING.

HERBICIDE RECOMMENDATIONS ON CROP ROTATIONS OF OILSEEDS WITH OTHER TRADITIONAL CROPS NEED TO BE ESTABLISHED BY STATE RESEARCH CENTERS WITH EMPHASIS ON NO-TILL AND REDUCED-TILLAGE PRACTICES. CONSERVATION COMPLIANCE AND RESIDUE REQUIREMENTS OF NON-PROGRAM CROPS NEED TO BE ANALYZED BY STATE RESEARCH COMMUNITY.

ESTABLISHMENT OF A STATE CHECKOFF FOR MINOR OILSEEDS PRODUCED IN KANSAS IS ENCOURAGED, WITH FUNDS USED FOR RESEARCH AND DEVELOPMENT PROGRAMS OF RESPECTIVE COMMODITIES.



## HORTICULTURE

HORTICULTURE REQUIRES DIVERSIFIED RESEARCH INVOLVING ELEVEN SPECIALIZED COMMODITIES AND MANY SPECIFIC CROPS AND AN INDUSTRY INVOLVING BOTH FOOD QUALITY AND ENVIRONMENTAL CONCERNS.

INCOMPLETE INFORMATION EXISTS ON HORTICULTURE PRODUCTION TO THE KANSAS ECONOMY AS WELL AS THE VALUE OF THE INDUSTRY ON ENVIRONMENTAL PROTECTION AND ENHANCEMENT.

BECAUSE PRODUCTIVITY AND ENVIRONMENTAL PROTECTION DEPEND ON RESEARCH, AN ANALYSIS OF THE NUMBER OF KANSAS HORTICULTURE PRODUCERS AND EXTENT OF PRODUCTION IS NEEDED; THE MULTIPLIER EFFECT OF HORTICULTURE INDUSTRIES TO THE ECONOMY OF COMMUNITIES; THE VALUE AND ECONOMIC IMPACT OF HORTICULTURE INDUSTRIES; AND DEVELOPMENT OF A MEASURE OF THE INTANGIBLE BENEFITS OF HORTICULTURE TO THE CITIZENS AND STATE OF KANSAS, IN TERMS OF AESTHETICS, RECREATION, AND ENVIRONMENTAL PROTECTION IS RECOMMENDED.

## MEAT PROCESSING

A CONTINUING SERIES OF SEMINARS WITHIN KANSAS FOCUSING ON NEW INNOVATIONS IN MEAT PROCESSING SHOULD BE ESTABLISHED WITH ASSISTANCE PROVIDED BY THE KANSAS BOARD OF AGRICULTURE, KANSAS STATE UNIVERSITY, THE AMERICAN MEAT INSTITUTE, THE NATIONAL LIVESTOCK AND MEAT BOARD, AND THE AMERICAN ASSOCIATION OF MEAT PROCESSORS.

THE KANSAS VALUE ADDED CENTER SHOULD BE THE FOCAL POINT FOR THE FORMING OF CONSORTIUMS FOR CONDUCTING MEAT RESEARCH WITH FUNDING ARRANGEMENTS DEVELOPED WITH THE LIVESTOCK AND MEAT INDUSTRY COUNCIL. REPAYMENT SYSTEMS SHOULD BE DEVELOPED BY THE CONSORTIUM OF THOSE PROJECTS RESULTING IN PROFITABLE PRODUCTS OR PROCESSES.

THE ESTABLISHMENT OF A SYSTEM ALLOWING SMALL BUSINESS TO UTILIZE PUBLICLY OWNED RESEARCH FACILITIES FOR A USE-FEE IS RECOMMENDED. RESEARCH WOULD BE DIRECTED BY THE COMPANY LEASING THE FACILITY.

THE STATE SHOULD ESTABLISH A USDA ACCREDITED LABORATORY FOR MEAT PRODUCT TESTING BY UTILIZING AN EXISTING LABORATORY IN THE STATE TO ASSIST IN RECEIVING ACCREDITATION OR USING STATE SUPPORT TO ESTABLISH A SERVICE LABORATORY FOR USE BY THE SMALL MEAT PROCESSORS IN THE STATE. SUCH FACILITY SHOULD BE SELF-SUPPORTING IN FIVE TO SIX YEARS.

## LIVESTOCK

ENCOURAGE THE CONDUCTING OF RESEARCH IN AREAS OF ENVIRONMENTAL POLLUTION WITH REGARD TO LIVESTOCK PRODUCTION.

PROMOTE RESEARCH ON LOW-FAT RED MEATS, LEANER CHOICE CUTS, READY-TO-EAT FAST FOODS FOR HOME USE AND ADDITIONAL USES FOR BY-PRODUCTS.

MONITOR ALL ANIMAL RIGHTS ISSUES AND THOSE AREAS OF VIOLATION.

CONTINUE TO RESEARCH AREAS THAT WILL REDUCE REGULATIONS OF FOREIGN COUNTRIES WHICH INHIBIT THE SALE OF MEAT PRODUCTS, LIVE ANIMALS, EMBRYOS, AND SEMEN.

INCREASE RESEARCH PROGRAMS WHICH ENHANCE THE EDUCATION OF FOREIGN AND DOMESTIC BUYERS REGARDING ISSUES SUCH AS MEAT QUALITY, PRODUCT SAFETY, PRODUCTION METHODS, PRODUCT UTILIZATION, AND SUPPLYING MARKET DEMANDS.

## WHEAT PROCESSING

THE STATE NEEDS TO FUND EARLY GENERATION QUALITY TESTING OF NEW WHEAT VARIETIES UNDER DEVELOPMENT AT KANSAS STATE UNIVERSITY BY EQUIPPING AND STAFFING A LABORATORY.

KANSAS STATE UNIVERSITY AND USDA SHOULD BE ENCOURAGED TO DEVELOP A RAPID TEST FOR QUALITY CHARACTERISTICS THAT CAN BE USED BY LOCAL ELEVATORS WHEN PURCHASING WHEAT FROM PRODUCERS. PRODUCERS COULD BE REWARDED FOR QUALITY.

BASIC RESEARCH IN THE AREA OF INSECT CONTROL IN STORED GRAINS NEEDS TO BE ENCOURAGED AND FUNDED.

## HAY & FORAGE

BIO-MASS RESEARCH ON FORAGE MATERIALS, ESPECIALLY THAT WHICH MAY BE GROWN ON CRP LANDS IS RECOMMENDED.

CONTINUE TO SUPPORT THE POSITION OF ALFALFA BREEDER AT KANSAS STATE UNIVERSITY.

RESEARCH IS NEEDED TO COMPARE ALFALFA PELLETS TO OTHER FEED SOURCES.

INVESTIGATE NEW ENERGY SOURCES FOR FORAGE PROCESSING PLANTS.

INVESTIGATE INTEGRATED FORAGE MANAGEMENT AND COMPLIMENTARY FORAGE SYSTEMS.

IMPROVE DISSEMINATION OF RESEARCH INFORMATION AND RESULTS.

COOPERATIVE REGIONAL OR MULTI-STATE PROJECTS, AS WELL AS COOPERATIVE RESEARCH OPPORTUNITIES WITH THE PRIVATE SECTOR IS SUGGESTED.

## AGRI-BUSINESS

REEVALUATE THE CURRENT STANDARDS FOR ALL GRAINS TO KEEP RELEVANT OF CURRENT AGRICULTURAL EFFORTS AND PLANT BREEDING TECHNIQUES. STUDY SHOULD BE MADE TO IMPROVE THE STORAGE OF GRAIN, SEED, AND FOOD PRODUCTS, RELATIVE TO CHEMICALS AND METHODS REQUIRED.

DEVELOPMENT OF A CLOSER ALLIANCE BETWEEN PRIVATE AND PUBLIC RESEARCH EFFORTS TO REDUCE DUPLICATION IS RECOMMENDED. A PROCESS WHERE PUBLIC RESEARCH EFFORTS MAY ADAPT PRIVATE RESEARCH FINDINGS IS SOUGHT. ACCOUNTABILITY OF RESEARCH EFFORTS MUST BE MAINTAINED THROUGH A FREQUENT EVALUATION PROCESS.

CONTINUE TO STUDY ALTERNATIVE USE FOR KANSAS GRAIN CROPS, SUCH AS VALUE-ADDED PRODUCTS, INCLUDING THE DEVELOPMENT OF A MARKETING APPROACH FOR SUCH CATEGORY.

STUDY AREAS OF ECOLOGICAL RESPONSIBILITY AND THE USE OF AGRICULTURAL CHEMICALS AND FERTILIZERS, INCLUDING APPLICATION, METHODS AND RATES. WATER USAGE RESEARCH INCLUDING MOST EFFICIENT IRRIGATION DELIVERY SYSTEMS, DRY LAND PRODUCTION METHODS, AND DROUGHT RESISTANT VARIETIES, SHOULD BE EXPANDED.

EDUCATION OF URBAN POPULATIONS ABOUT THE RELATIVE VALUE OF KANSAS AGRICULTURE TO QUALITY OF LIFE MUST BE ADDRESSED. RURAL RESOURCES MUST BE STUDIED TO HELP DEVELOP PLANS USING THOSE RESOURCES TO KEEP SMALL, RURAL COMMUNITIES ALIVE.