

1320 Research Park Drive  
Manhattan, Kansas 66502  
(785) 564-6700



900 SW Jackson, Room 456  
Topeka, Kansas 66612  
(785) 296-3556

Jackie McClaskey, Secretary

Governor Sam Brownback

March 27, 2017

The Kansas Department of Agriculture (KDA) and Great Bend Prairie Regional Advisory Committee (RAC) are now seeking research proposals. This initial request is for preliminary letters of intent that will be accepted until the project request is satisfied. Upon submission, the letters will be reviewed by the committee with following requests for detailed budgets and full proposals.

The following are specific areas of interest:

#### Feed Wheat

A demand for water usage reduction is driving industry organizations and livestock producers to consider feed wheat and other water-sipping crops to supplement or replace more water intensive crops in their feed rations. Feeding research is needed to understand which varieties and at what inclusion rate work best for livestock feeding.

#### Water Technology Farm

The efficiency of operations utilizing feed wheat practices should be compared to that of those utilizing other feeding practices. The ideal farm demonstration is one on which wheat is grown under irrigation and then fed to livestock. Manure application from the livestock and grazing of the wheat would be welcome attributes as well. Applying this concept on a water technology farm will serve to show the cost benefit analysis between water demand and income per acre. An operation willing to implement and perform this analysis is needed. There is also need to compare dryland operations utilizing the highest harvestable net energy per acre crop for feeding with operations utilizing traditional corn feeding practices.

Letters of intent as well as any questions should be directed to Chad Bontrager at KDA via phone at 785-564-6700 or by e-mail at [chad.bontrager@ks.gov](mailto:chad.bontrager@ks.gov).