

Priority Goal #4: Initiate research and development of feed wheat as an alternative feed source within the Great Bend Prairie Planning Region. Technology transfer from this research would have benefits in areas of Kansas where water is not available for production of water-intensive crops. Dual research program: plant breeding and livestock feeding. Achieve large scale feeding trials by 2025.

Action Steps

- ❖ Coordinate with the Kansas Department of Agriculture (KDA) to improved adoptability of feed wheat, along with other alternative crops, through marketing, commodity segregation, research and education as stated within the *Vision for the Future of Water Supply in Kansas*.
- ❖ Create a program to be able to roll out small and large scale feeding trials
 - ◇ Find several feedlots to help roll out program
 - ◇ Utilize membership of stakeholder groups to solicit interest
- ❖ Coordinate with KDA to implement demonstration plots for yield evaluation within the Great Bend Prairie Regional Planning Area.
- ❖ Coordinate with KDA develop markets for Great Bend Prairie-grown feed wheat and other alternative crops for use feed sources.

Responsible and Assisting Agencies/Organizations:

- ❖ Kansas Department of Agriculture
- ❖ Kansas State University
- ❖ Other regional research institutions
- ❖ Kansas Wheat Commission
- ❖ Kansas Association of Wheat Growers
- ❖ Kansas Farm Bureau
- ❖ Kansas Livestock Association
- ❖ Private wheat breeders
- ❖ Grain Industry
- ❖ Feedlot Industry
- ❖ Local Producers
- ❖ Kansas Water Office

Resources Needed:

- ❖ Funding for field trials in the Great Bend Prairie Regional Planning Area.

Timeframe of Completion:

- ❖ Achieve small scale feeding trials by 2018.
- ❖ Achieve large scale feeding trials by 2025.

Geographic Scope

- ❖ Anywhere within the Great Bend Prairie Regional Planning Area.

Regulation/Policy Changes:

- ❖ None