



# National Association of Wheat Growers

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## NAWG Priorities for Federal Agricultural Research

November 3, 2005

In preparation for the upcoming CSREES workshop on plant and pest biology on November 16, NAWG submits the following suggestions for CSREES emphasis under its five established issue areas. We do not have specific recommendations in each of the areas, so will only list the areas in which we do have them.

CSREES specified five interest areas in its invitation to the workshop:

1. Enhance Economic Opportunities for Agricultural Producers.
2. Support Increased Economic Opportunities and Improved Quality of Life in Rural America
3. Enhance Protection and Safety of the Nation's Agriculture and Food Supply
4. Improve the Nation's Nutrition and Health
5. Protect and Enhance the Nation's Natural Resource Base and Environment

NAWG Research Priority	CSREES Interest Area				
	1	2	3	4	5
Take a leadership role, both in personnel and funding, for completing a physical map of the hexaploid wheat genome. This step is essential in any future ability for wheat breeders to apply advanced genetic techniques to wheat variety improvement, and wheat is falling dangerously behind other crops in this area.	X	X			
Development of new uses for wheat. NAWG commissioned a New Uses Audit in September 2002 that analyzed and ranked some 20 potential new uses for wheat in terms of volume potential, premium potential, development cost, time to market and technical feasibility. Further developmental research needs to be done on the high-priority possibilities identified in this audit.	X	X			
Continued and increased emphasis in combating plant pathogens, including stripe rust, fusarium gramineum (head scab), karnal bunt and other problem pests.	X		X		X
Continued and increased emphasis in battling invasive weeds.	X				X
Development of reliable and accepted methodologies for quantifying carbon sequestration. These methods will be critical for establishment of carbon trading and measurement.	X	X			X