

PMC-EP2a

(2.01.02)

**U.S. DEPARTMENT OF ENERGY  
EERE PROJECT MANAGEMENT CENTER  
NEPA DETERMINATION**



RECIPIENT: South Dakota State University

STATE: SD

PROJECT TITLE : Develop solid-stem triticale as a feedstock for biofuel production

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
FY2010	GO88073	GFO-GO88073-029	0

Based on my review of the information concerning the proposed action, as NEPA Compliance Officer (authorized under DOE Order 451.1A), I have made the following determination:

**CX, EA, EIS APPENDIX AND NUMBER:**

Description:

**B5.1** Actions to conserve energy, demonstrate potential energy conservation, and promote energy-efficiency that do not increase the indoor concentrations of potentially harmful substances. These actions may involve financial and technical assistance to individuals (such as builders, owners, consultants, designers), organizations (such as utilities), and state and local governments. Covered actions include, but are not limited to: programmed lowering of thermostat settings, placement of timers on hot water heaters, installation of solar hot water systems, installation of efficient lighting, improvements in generator efficiency and appliance efficiency ratings, development of energy-efficient manufacturing or industrial practices, and small-scale conservation and renewable energy research and development and pilot projects. The actions could involve building renovations or new structures in commercial, residential, agricultural, or industrial sectors. These actions do not include rulemakings, standard-settings, or proposed DOE legislation.

Rational for determination:

South Dakota State University proposes to use federal funds as part of the Sun Grant to plant triticale, a commercially available hybrid of wheat and rye, on one acre of SDAES farmland in Brookings, SD. The plot is located at (44.3248 N, 96.887 W) is agriculture lands currently used for cultivation.

No GMO's will be used in the implementation of this project. Standard agriculture processes will be followed in commercial agricultural systems for equipment and chemical treatment.

This project is comprised of planting of non-GMO grain with the long term goal of improving yield and quality for biomass production; therefore a CX B5.1 applies.

**NEPA PROVISION**

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

Eugene Brown 3/3/2011

**SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.**

NEPA Compliance Officer Signature: \_\_\_\_\_

Kristin Kerwin  
NEPA Compliance Officer

Date: 3/3/2011

**FIELD OFFICE MANAGER DETERMINATION** Field Office Manager review required**NCO REQUESTS THE FIELD OFFICE MANAGER REVIEW FOR THE FOLLOWING REASON:**