

SD Farm & Ranch Recognition HURON, S.D. - Farm and ranch families years, they may apply to be recognized as a

who have enjoyed ownership of their South Dakota farm or ranch for 100 or 125 years have the opportunity to be honored on Thursday, Sept. 3, during the South Dakota State Fair in Huron.

Agriculture has long been the foundation of South Dakota history. The South Dakota Farm Bureau (SDFB) and the South Dakota Department of Agriculture (SDDA) would like to recognize and honor these longstanding South Dakota families.

To qualify as a South Dakota Century Farm or Ranch, a family must have retained continuous ownership of at least 80 acres of original farmland for 100 years or more. If the family ownership of land has reached 125 Quasquicentennial Farm or Ranch.

Documentation of the original date of purchase must be included with the application. Application forms are available online at www.sdfbf.org by clicking "All About Ag" and then "Century-Quasquicentennial Farm & Ranch Program" or call the SDFB at (605) 353-8052. The deadline to apply is Thursday, Aug. 13, 2015. The South Dakota Farm & Ranch

Recognition program was initiated in 1984 by the SDFB. Since then, the SDDA has joined the program. There have been 2,770 century farms and ranches and 250 quasquicentennial farms and ranches recognized thus far.



Master Gardeners volunteer their time at McCorey Gardens in Brookings. PHOTOS COURTESY OF IGROW

'Excellence in Ag' Scholarship

Feed Energy announced that for the fourth consecutive year it is offering two \$2,500 "Excellence in Ag" scholarships to students studying agriculture at a college or university in the Midwest. Interested students can find more information and apply for the scholarship online. The application deadline is April 30.

To be eligible students must meet specific requirements, including attending a college or university in one of the following states: Illinois, Indiana, Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota or South Dakota. They must have an agriculturerelated major, be a sophomore, junior, senior or graduate student, and have a 3.0 to 4.0 GPA. The two scholarship recipients will be chosen based on their references, resume and a two-page essay.

"We are proud to offer the Scholarship because we believe funding ag education is critical for the future of so many areas of our society," said Joseph P. Riley, executive vice president. "By supporting our students as they develop knowledge in the many different aspects of agriculture, we can indirectly contribute to the larger bioeconomy, particularly in the Midwest.'

■ SD Ag Connection

BROOKINGS, S.D. - Each year, South Dakota Master Gardeners and Master Gardener groups are eligible to receive funds from the South Dakota Master Gardener Endowment for projects that support or promote gardening education and experience.

The South Dakota State Master Gardeners Executive Board determines the amount of funds available each year and selects the worthy applications.

Applications can be found at iGrow. Applications are due by March 20, 2015 and should be submitted electronically to David Graper by mail at David Graper, Box 2140C, Brookings,

The South Dakota Endowment Grant program was developed in honor of Mr. Earl Dailey, a Pennington County Master Gardener who envisioned the establishment of this endowment

Dozens of grants have been disbursed since 2006 when the first grants were awarded. Grant recipients are expected to provide a brief presentation at the State Master Gardener Annual Update, to be held in Pierre this year in September.

■ SDSU iGROW

■ PROTOCOLS,

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of 3 hours minimum with 5 to 6 hours of heat detection being better. Recommended heat detection protocols for heifers include:

1 Shot PG (Prostaglandin) 7 Day CIDR® - PG MGA® - PG

Heat Detect and Time Al

(TAI) Protocols: These protocols include a combination

of both heat detection and timed insemination. Heifers observed in heat should be inseminated 6 to 12 hours after standing heat. Heat detection should be done for approximately 3 days after PG injection, all heifers not showing heat will be given an injection of GnRH

and inseminated (i.e. timed insemination). The amount of time spent on heat detection is reduced with early responders having a better chance of conceiving compared to a single fixed-timed Al. The recommended Heat Detect and Time AI protocols include:

Select Synch+CIDR® & TAI MGA® - PG & TAI 14-day CIDR® - PG & TAI

Fixed-Time AI (TAI) Protocols: With a fixed-time protocol, all heifers are inseminated at a pre-determined time and no heat detection has to occur. In general heifer pregnancy rates for fixed-time AI protocols tend to be 5 to 10% lower than heat detection alone. When considering these protocols, synchronize no more females than can be inseminated in a 3 to 4 hour period of time. Recommended Fixed-Time AI protocols

7-day CO-Synch + CIDR® 5-day CO-Synch+ CIDR® MGA® - PG 14-day CIDR® - PG

For more information related to estrous synchronization, contact Robin Salverson, SDSU Extension Cow/Calf Field Specialist at 605.374.4177 or Dr. George Perry, SDSU Extension Beef Reproductive Management Specialist at 605.688.5456.

> ■ South Dakota Department of Agriculture

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