

Water quality, climate change to be focus of Science Day

Science is part of everyday life, yet students who fail to make the connection can lose interest in the subject and, without realizing it, limit job and other opportunities later in life.

That brings out the importance of the 2010 4-H National Youth Science Day, which, this year, is scheduled for Wednesday, Oct. 6.

A 1998 study, titled: "Bayer Facts of Science Education IV: Scientists on Science for the 21st Century," which was conducted by The Bayer Corp., found that loss of interest in science can occur as early as third grade, said Gary Gerhard, Kansas State University Research and Extension professor of youth development.

"Designating a day for a national science experiment is intended to call attention to science — and to make learning about it fun," he said.

While the National 4-H Council is behind the push for the fun-with-science opportunities, students need not be 4-H members to participate, said Gerhard, who explained that the experiment is recommended for classroom teachers, home school teachers and students, youth organizations and programs, including Scouts, Boys and Girls Clubs and other after-school and out-of-school programs.

The 2010 experiment is titled "4-H2O." It was developed by North Carolina A&T State University Cooperative Extension and North Carolina 4-H, and is intended to introduce students to the concept of water quality and its connection with climate change.

Age-appropriate versions developed for the experiment are designed to challenge students, while allowing them to be successful in learning and nurture curiosity about science, said Gerhard, who added that options within the experiment allow younger students to see almost immediate results, while older students can choose to carry on the experiment for a longer period of time.

The goal, he said, is to encourage students to learn about the environment and about factors such as acid rain, runoff, and algae that influence the environment.

Part of the 2010 experiment also is designed to encourage children and families to calculate their carbon footprint and learn and practice ways in which to reduce their environmental impact. Then, after some time has elapsed, they can re-calculate their impact to gauge their success in reducing their carbon footprint and negative environmental impact, he said.

Information about 4-H National Youth Science Day and the 2010 National Science Experiment, including a video, downloadable student work sheets and facilitator's guides, is available at www.4-h.org/NYSD/.

Sternberg to exhibit photographs by naturalist

A collection of photographs, "Through the Eyes of a Naturalist," by Dr. Jerry Choate, former biology professor and director of Fort Hays State University's Sternberg Museum of Natural History, will open with a reception from 6 to 7 p.m. on Thursday, Sept. 30.

"My dad might have been an amateur photographer, but he took it very seriously. Because of that, he took some truly amazing shots. I think it's wonderful that the Sternberg has honored him by showing his work," said Judd Choate.

This memorial exhibition highlights the artistic talents Choate concealed behind his acclaimed teaching and research activities. Refreshments will be served.

Most materials needed for the experiments (water samples, see-through containers, etc.) will be readily available, said Gerhard, who noted that one exception is a small quantity of 0.04 percent bromothymol blue, a relatively inexpensive chemical solution that can be used to detect whether something is a basic or acidic.

The National 4-H Council is offering kits with supplies needed to complete the experiments with 15 students for \$22, while supplies last. Order information is available on the Web site (above).

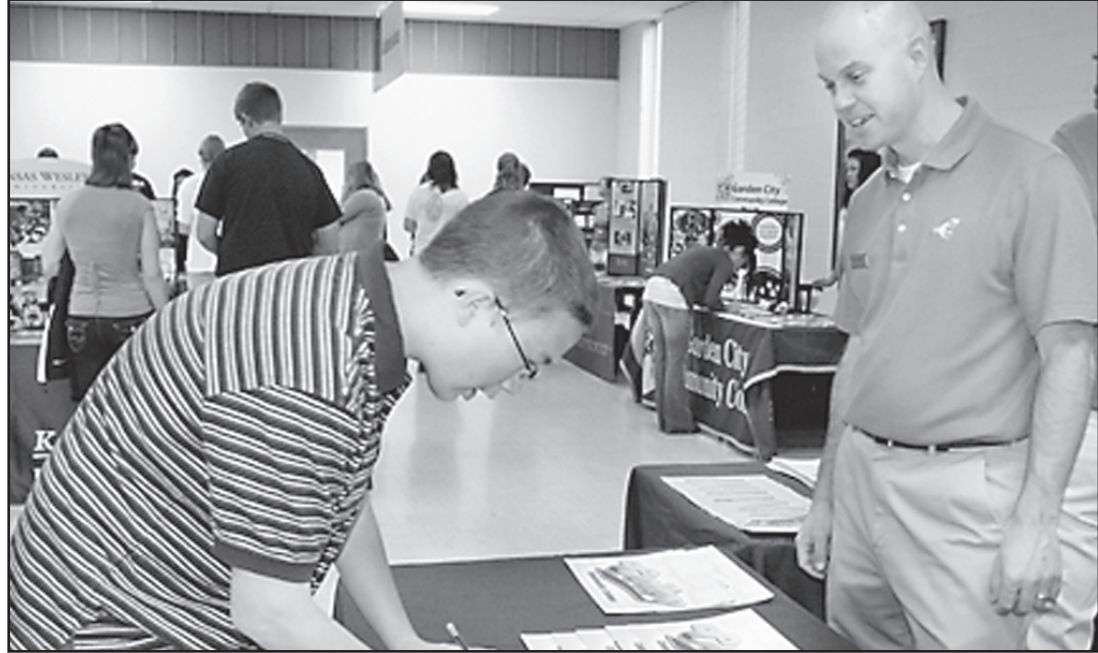
While students are encouraged to participate in the national experiment Oct. 6 and to record their findings on the Web, recording findings on the national site any time during the month of October will qualify students to be eligible for drawings for incentives, such as an iPad, Gerhard said.

The 2010 4-H National Youth Science Day push is the third in a series. The concept was introduced in 2008 with an experiment based on Helpful Hydrogels, which focused on absorption and polymers. The 2009 offering explored Biofuel Blast and focused on alternative fuels.

Scientific principles and abilities are incorporated in many 4-H projects available to Kansas youth. Information is available at local K-State Research and Extension offices and online: www.Kansas4-H.org.

To hear more about youth, science and 2010 4-H National Youth Science Day and the 2010 National Science Experiment, go to www.ksre.ksu.edu/news and scroll down to the K-State Radio Network; choose Sound Living and click on "4-H Youth Science Day."

Career plans start here



DEBBIE SCHANKE/Colby Community College

Triplains High School senior Kalaeb Ballentine (left) visited with Colby Community College Admissions Counselor Doug Johnson at the annual College Planning Conference held at Colby Community College Thursday morning. High school juniors and seniors from across northwest Kansas attended the event, where representatives from about 40 two- and four-year colleges provided enrollment and financial aid information.



AUCTION



FOR: ROGG HEIRS

MONDAY, OCTOBER 18TH, 2010

MANNER OF SALE: Tracts to be offered individually then collective

640 ACRES MORE OR LESS
THOMAS COUNTY, KS

AUCTION LOCATION: City Limits Convention Center, Comfort Inn, 2227 S. Range Ave. Colby, Ks.

TIME: 11:00 a.m. CST



TRACT 1

LEGAL DESCRIPTION: North Half (N/2) of Section Twenty Seven (27) Section Ten (10) South, Range Thirty Six (36) West of the 6th P.M. Thomas County, Kansas

F.S.A. INFORMATION: 321.3 acres cultivation
Base Acreage
Wheat 171.2 acres
Oats 20.5 acres
Grain Sorghum 37.4 acres
Sunflowers 19.1 acres

TRACT 2

LEGAL DESCRIPTION: South Half (S/2) of Section Twenty Seven (27) Township Ten (10) South, Range Thirty Six (36) West of the 6th P.M. Thomas County, Kansas

F.S.A. INFORMATION: 315.9 acres cultivation
Base Acreage
Wheat 172.2 acres
Oats 20.6 acres
Grain Sorghum 37.5 acres
Sunflowers 19.2 acres

TRACT 3 (Combination of Tracts 1 & 2)

LEGAL DESCRIPTION: All of Section Twenty Seven (27) Township Ten (10) South, Range Thirty Six (36) West of the 6th P.M. Thomas County, Kansas

F.S.A. INFORMATION: 637.2 acres cultivation
Base Acreage
Wheat 343.4 acres
Oats 41.1 acres
Grain Sorghum 74.9 acres
Sunflowers 38.3 acres

LAND LOCATION: From Brewster, Kansas, I-70 exit 36, stay on and follow the blacktop, 14 miles South then 1 mile East to the Southwest corner. From Winona, Kansas, 5 miles West, 6 miles North then 1 mile East to the Southwest corner.

TERMS: Terms: 10% down day of sale, balance upon title approval and delivery of deed, said closing to be on or before November 17th, 2010, or as soon as title requirements, if any, can be corrected.

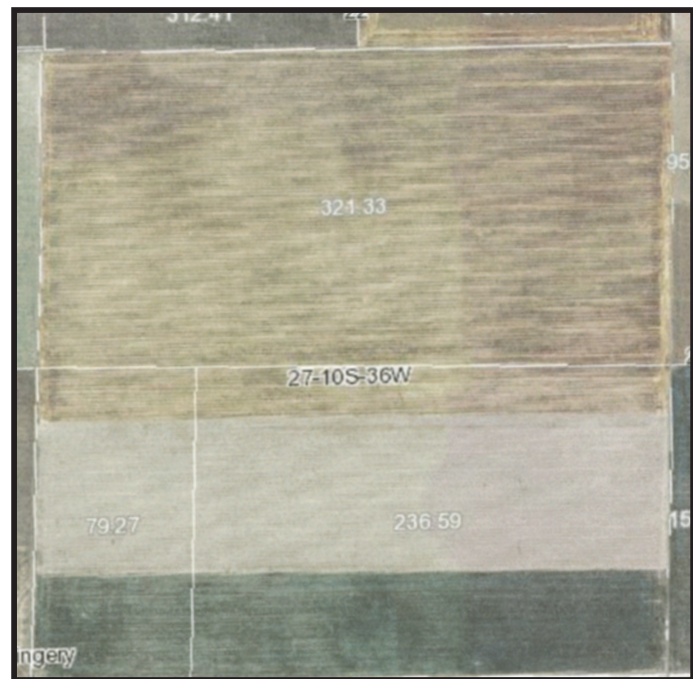
TAXES: Seller to pay all 2010 and prior taxes. Purchaser to pay all 2011 and subsequent taxes.

POSSESSION: March 1st, 2011 on the S/2 of 27-10-36 W.6.P.M. Thomas County, KS. Possession after the 2011 wheat harvest on the N/2 of 27-10-36 W.6.P.M. Thomas County, KS., with the landowners 1/3 share of the harvested wheat delivered to the nearest elevator or storage facility in the purchasers name together with the purchasers responsibility for 1/3 share of the chemical and fertilizer costs.

MINERALS: All sellers interest to be conveyed on the N/2 & SE/4 & E/2 of SW/4 of 27-10-36 W.6.P.M. Thomas County, KS. Surface only on the W/2 of SW/4 of 27-10-36 W.6.P.M. Thomas County, KS.

GOVERNMENT PROGRAMS: Purchaser to stay in compliance with all US Government Agricultural Programs the property is in enrolled in. Purchaser to receive crop interest payment for 2011 and future.

AGENCY DISCLOSURE: Farmland Auction & Realty Co. Inc., is the agent of the seller. If the purchaser desires representation, legal counsel is advised.



NOTE: Announcements made day of sale shall take precedence over printed material.



Farmland Auction & Realty Co., Inc.

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