

Family

Cold temps needed for winter wheat

Farmers whose wheat has not yet emerged may be wondering now about whether their wheat will have enough exposure to cold temperatures to vernalize once it does emerge — and what kind of yield potential to expect.



Clint Milliman

• Knowledge for Life

flowers and reaches grain fill later in the spring than fall-emerged wheat.

• Vernalization. Wheat does not have to emerge as a seedling in order to be vernalized by cold temperatures. As long as the seed has received enough moisture to become physiologically active and begin the germination process, it can undergo vernalization.

Winter wheat will vernalize after experiencing three to six weeks of soil temperatures below 48 degrees. Some varieties require a little longer, some less. Jagger has one of the shortest vernalization requirements.

In almost all cases, winter wheat planted in the fall will vernalize. The only exception would be if the soil is so dry during the fall and winter months that the seed never becomes active until spring, and it warms up very quickly in the spring. This would be rare.

• Yield potential. Research in Kansas has shown that the yield potential of wheat that emerges after Jan. 1 is about 40 to 60 percent of normal, depending on spring weather.

Wheat that emerges late typically has fewer total tillers than wheat that emerges in the fall. Late-emerging wheat is also behind in development, and typically

If the spring weather is dry, or if it turns hot and dry early, the yield potential of late-emerged wheat could be even less than 40 percent of normal. However, in a cool spring with adequate moisture, late-emerged wheat will have enough time to develop and fill grain, and can yield relatively well.

Taking all these factors into consideration, it is likely that most wheat planted in the fall will eventually emerge and head out this spring. But it is also likely that if the wheat does not emerge until after Jan. 1, yields will be less than 60 percent of normal. If blowing occurs or weeds become a problem before the wheat emerges, this could cause further trouble.

Late emergence of wheat also may reduce snow catch during the winter, and result in less snow cover than where the wheat has established a normal stand.

Next time I will discuss the likely winter survival of poorly developed wheat.

Clint Milliman is the Thomas County agriculture and natural resources agent with Kansas State Research and Extension.



Call Garrett Myers and Jael Leah Nichols

Oakley couple to wed in early April ceremony

Cal Garrett Myers and Jael Leah Nichols of Hays plan to marry Saturday, April 2, 2011, at the Oakley United Methodist Church.

The daughter of Jerry and Rhonda Nichols of Winona, she is a 2009 graduate of Triplains High School and is majoring in radiology at Fort Hays State University.

He is the son of Steve and Karen Myers, Arapahoe, Colo. He is a 2006 graduate of Westkan High School and a 2010

graduate of Fort Hays State. He works at the Hays Regional Airport.

Grandparents of the bride are Lola Bretz and the late Lindy Bretz of Wallace and Merlin Nichols and the late Katie Nichols of Culbertson, Neb.

The groom's grandparents are Wade and Mona Myers of Walsh, Colo., and the late Richard and Joan Latta of Two Buttes, Colo.

The couple will live in Hays.

Deaths

Kyler Iain Petersen

Services for Kyler Iain Petersen, 2, of Rexford, will be at 10:30 a.m. Saturday, Dec. 18, 2010, at the Rexford Community Church, with Pastor Lane Purcell officiating and burial in the Hawkeye Cemetery north of Rexford. There will be no visitation.

Kyler died Dec. 9, 2010, in a semi-trailer crash in Wathena.

He was born April 15, 2008, in Colby, the son of Michael and Nicole (Flax) Petersen.

As the third youngest child, his family said, Kyler was always the center of attention. His greatest joys were trucking with Daddy, and watching Black Dog, Cars and Blues Clues movies.

Preceding him in death were an infant brother, Takoda William Schurr, and great-grandparents

Herman Flax, Jay and Donna Dahl and Henry and Jean Petersen.

Survivors include his parents, of the home; six siblings, Austin Petersen, Kylin Petersen, Kaden Petersen and Tayler Petersen, all of the home; and Colten Schurr and Haylee Schurr of Oberlin; grandparents Kenny and Elaine Flax of Gove and Mike and Katie Petersen of Rexford; and great-grandparents August and Susan Zordel of Ransom and Joan Flax of WaKeeney.

The family suggests memorials to the Kyler Petersen Memorial Fund in care of Schmitt Funeral Home, 901 S. Main, Quinter, Kan., 67752.

Condolences to the family may be sent to schmittfuneral.com.

Golden Plains holds drive for food pantries

By Judy Rogers
Golden Plains High School
judy@usd316.org

The Golden Plains High School Student Council is holding a drive for the Thomas and Sheridan County food pantries.

Students and staff at the elementary, middle and high schools are encouraged to bring items to be donated to school. Those being collected include canned goods such as fruit, vegetables, soup and chili, spaghetti sauce, canned ham and SpaghettiOs, and dry goods such as boxed cereal, boxed

meals, pasta, peanut butter, ramen noodles and macaroni and cheese.

Also being accepted are toiletry items such as toothpaste and toothbrushes, soap, shampoo, tissues, toilet paper and small children's Christmas gift items such as toys and treats. Other nonperishable items are welcome as well.

For each item donated, the giver will have their name placed in a drawing for prizes to be given away on Friday.

The donated items will be divided between Thomas and Sheridan counties, since one school building is in each.

December K-State grads include four from Colby

Several students from Colby were candidates for graduation from Kansas State University in ceremonies Friday and Saturday on the K-State campuses in Manhattan and Salina.

The university had more than 1,300 candidates for graduation in December.

Those from Colby include Justin Ryan Bertrand, Bachelor of Science in agriculture; Anthony Alexander Kleinsorge, Bachelor of Science; Jessica Lynn Rall, Bachelor of Science in education; and David A States, Bachelor of Science.

Corrections

The article "Wrestling team takes sixth" on Page 8 of the Monday, Dec. 13, edition of the Colby Free Press left out Hoxie's placing. The team finished third. This was a reporting error.

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The Colby Free Press wants to maintain an accurate record of our town. Please report any error or lack of clarity in a news story to us at 462-3963.

Markets

Quotes as of close of previous business day
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Wheat (bushel)	\$6.75
Corn (bushel)	\$5.21
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