Invasive weed taking hold

Palmer amaranth is a problem especially in central and western parts of the state

Judging by the number of phone calls he receives, Dallas Peterson is very popular this time of year. The typical topic is weeds - something Peterson, a Kansas State University agronomist, knows well.

Spurred by late spring and early summer rainfall, farmers' row crops across much of the state are thriving. And so are the weeds they're trying to control, including Palmer amaranth, an aggressive and invasive weed that used to be controlled by the popular herbicide glyphosate. Increasingly, however, Palmer amaranth is resisting glyphosate.

"We have had numerous calls about poor control of Palmer amaranth with glyphosate this year," said Peterson, who is a weed specialist with K-State Re-

search and Extension. "Glyphosate-resistant Palmer amaranth was first confirmed in Kansas three years ago but seems to be exploding across central Kansas this year. Poor control doesn't mean you have resistance, but if the herbicide treatment provides good control of some plants and not others, that is an indication you may have resistance."

The weed, also known as Palmer pigweed, is a warm season summer annual weed that generally starts to emerge in May as soil temperatures warm and continues to germinate into summer, especially following rainfall events, Peterson said. It grows rapidly with hot conditions, maybe as much as 1 to 2 inches per day. It is competitive with crops and is a prolific seed producer, up to several hundred thousand per plant.

The hardy weed has been a

many years and had previously developed populations resistant to atrazine and the acetolactate synthase inhibiting herbicides. With the introduction of Roundup Ready crops in the late 1990s, glyphosate helped to solve some of those problems initially, but glyphosate resistance has now become a problem because of the heavy reliance on it for weed control.

Glyphosate resistant Palmer amaranth first showed up in the southeast United States and has had a dramatic impact on farmers' production systems and weed control costs there.

"Producers need to use an integrated approach to weed control that utilizes a variety of cultural practices and herbicide modes of action to help control weeds and minimize herbicide resistance," Peterson said.

serious problem in Kansas for

Playhouse celebrates its fifth season

This year marks the fifth season for the Harlan County Dam Playhouse. The Playhouse started out this summer's season with a typical melodrama: "Aaron Slick from Punkin Crick". Matt deFreese who played Aaron Slick commented "it was a fun show, a lot more humorous than I realized when we first read through it." The final showing Aaron Slick at the Playhouse was marred slightly by the severe storms that passed through the area. The Playhouse

lost part of its roof that Saturday night. As they say, "the show must go on", so in the midst of a lot of clean up, puddles of water, and confusion about their future, the players were able to complete the final showing of the melodrama. After working with a very supportive village of Republican City it's a relief to know that the roof is being repaired and the Playhouse will continue to produce family-friendly entertainment for the area. The Playhouse, in

working with the Nebraska Arts Council will be producing two additional shows this summer Nunsense and The Music Man. The Playhouse is also happy to be playing host to two tour bus companies from the eastern part of the state this summer. The playhouse is excited to say that while this summer season has been quite the roller coaster we will finish strong and be ready for another great year in 2015.

34th Annual Carp Derby!



The Norton Archery Club held its 34th Annual Carp Derby at Sebelius Reservoir this past Saturday. There were 21 teams entered, this was down from the normal 30 or more. Coordinator John Baker said, "I believe it is partially down due to the Blue-Green Algae advisory but for the most part we had good numbers and have several from out of state. Not as many locals this year and we don't know why." Randy West, the Archery Club President, is seen hear weighing one of Doug Daniels' carp. For the first time, drum were also counted. There were two divisions like normal. The top three in the rod and reel were, first, Tim Rabe and Zachary Esplund with 37 carp, second, Gary and Steve Williams with 26 and third place went to Dustan and Doug Daniels with 24 total fish. In the archery division Phil Buford and Dennis Meitl took first with 10 fish followed by Danny Carmen and Justin Wolf with four and lastly was Tanner and Lincoln McClure with two fish. The United Northwest Federal Credit Union gave a \$50 prize for the largest fish and this had to be split between the Mc-Clure team and the team of Danny Williams and Samuel Schmidt. The weight of the largest fish was 10.1 pounds.

- Telegram photo by Dana Paxton

Retire

(Continued from Page 1)

I follow them in the paper."

Miller attended Fort Hays State University and earned his undergraduate degree in 1967 in political science. From 1967-69, he served his country in the U.S. Army as a helicopter crew chief in South Korea. After his service, he returned to Fort Hays State and earned a Master's degree in business in 1971.

Miller said he's looking forward to spending more time with his grandchildren, as well, and attending their sporting events.

He said he's a big fan of Kansas sports. Besides his alma

mater, Miller said he's a big fan of Kansas University and Kansas State University, and has been following Wichita State boards. Currently, he's the University in recent years with their success.

Miller, who's 68 years old, Kansas Hospitals, has served 16 said he has good health and plans to keep busy.

kid. I can see myself doing some and past president. He's also of those things. I'm not closing the door on anything."

Miller is currently the financial officer of the Norton for a number of years, is a staff and the community."

of Assisi Catholic Church and the Knights of Columbus.

He's also served on numerous chairman of Med-Op of Northwest and Northcentral years on the board for Hi Plains Mental Health Center of Hays, "I haven't fished since I was a and is currently the treasurer served two terms on the Kansas Hospital Association Board of Directors.

"I've had a nice long career of American Legion and was a past service. It was a great honor for commander, he's been involved me and my family and we wanted with American Legion baseball to share that sentiment with the



County Fair Book for events and times.

Leoan Breeden, Smokey Hills Public Television Norton County Commission, Norton County program, 10:30 a.m. and 2 p.m. Open Alcoholics Anonymous, VFW Hall-north Highway 283, noon-1 p.m. Gymnastic Performance, Fairground Basketball Court, 7 p.m. Open Alcoholics Anonymous, VFW Hall-north Highway 283, 8-9 p.m. Norton County Hospital Water Aerobics, Norton Aquatic Center, 8 p.m. Friday, July 25 Norton County Fair events, look at Norton County Fair Book for events and times. Open Alcoholics Anonymous, VFW Hall-north Highway 283, noon-1 p.m. Pedal Power Pull Contest, Elmwood Park, 5:15 p.m. check in, 5:45 p.m. Home Owned Carnival, Fairgrounds, Kiddy Arm Band Night, 6:30-11:30 p.m. 7th, 8th and 9th Graders at The Rock, corner of Main and State streets, 7-10 p.m. Open Alcoholics Anonymous, Norton Christian Church-208 N. Kansas Ave., 7-8 p.m. Open Al-Anon, VFW Hall-north Highway 283, 7-8 p.m. Mutton Busting, Equine Facility, 7:30 p.m. Norton Idol, Fairgrounds, 7:30 p.m. Open Alcoholics Anonymous, VFW Hall-north Highway 283, 8:30-9:30 p.m. Saturday, July 26 Norton Farmers Market, Veterans Memorial Park, Highway 36, 8-11 a.m. Open Alcoholics Anonymous, VFW Hall-north Highway 283, 1-2 p.m. Home Owned Carnival, Fairgrounds, Arm Band Night, 6:30-11:30 p.m. Car Races, Elmwood Park Speedway, 7 p.m. Open Narcotics Anonymous, Norton United Methodist Church-805 W. Wilberforce, 8-9 p.m. Sunday, July 27 God's Pantry, Trinity Episcopal Church-102 E. Waverly, 3-4 p.m. Open Narcotics Anonymous, Norton United Methodist Church-805 W. Wilberforce, 7 p.m.

member of the Lions, St. Francis

Officials help insure poultry health at fairs

County fair season is kicking off in Kansas, and it is important to ensure the health of your animals, including exhibits in the poultry barn. Pullorum -Typhoid disease can affect chickens, turkeys, quail, guinea fowl, pheasants, peafowl, grouse, parrots, sparrows, ostriches and ring-necked doves.

"As we enter county and state fair season, it is important to have your birds tested for pullorum -typhoid disease," said Dr. Paul Grosdidier, with the Kansas Department of Agriculture (KDA). "We look forward to working with 4-H exhibitors and their families each year to help keep their chickens and foul healthy. All poultry exhibitors must have proof their birds are Pullorum-Typhoid clean at public shows."

Last year, the Kansas Department of Agriculture Division of Animal Health and the U.S. Department of Agriculture tested more than 2,500 birds in more than 30 Kansas counties. All of the birds were Pullorum-Typhoid free. If a bird is a positive reactor, the bird - and the entire flock - will be quarantined. Blood test results are then sent to the Kansas State Veterinary Diagnostic Lab for further testing. If the bird is positive for pullorum, further action will be necessary to eradicate the infection.

Pullorum-Typhoid disease belongs to a large family of bacteria called Salmonella. The disease is primarily transmitted from generation to generation via infected hens. Infected birds tend to peck at infected eggs and pass the infection to the embryo in the egg. Other forms of transmission include inhalation or contact with contaminated water, feed, dust, down or infected materials in the incubator, shipping container, brooder and pen. Infected adult birds may show reduced productivity, but otherwise show little to no physical or clinical signs of pullorum. Infected eggs or poults simply do not hatch or have a significant death loss after the first few weeks of hatching. Chicks and poults develop signs such as weakness, loss of appetite, drooping wings, dehydra-

tion and ruffled feathers. For an infection-free breeding flock, birds should be purchased from certified infection-free stock or tested before adding them to a flock. Bird owners are encouraged to always keep bird pens and facilities clean with fresh food and water. For public health, remember to wash your hands thoroughly after handling





For more information on animal health programs at Kansas Department of Agriculture, contact the agency at (785) 564-6700.

or drinking.

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Courthouse-2nd Floor, 9 a.m.-noon.

Rotary, Town & Country Kitchen, noon-1 p.m. TOPS, Lenora United Parish Church, 5-6 p.m. Connie Lacy Water Aerobics, Norton Aquatic Center, 6 p.m.

TOPS, Norton United Methodist Church-Fellowship Hall, 6:30-7:30 p.m.

Closed Alcoholics Anonymous, VFW Hallnorth Highway 283, 6:30-7:30 p.m.

Lenora City Council, Lenora City Office, 7-8 p.m.

Tuesday, July 22

Norton County Fair events, look at Norton County Fair Book for events and times. USD 211 enrollment packets can be picked up,

USD 211 Office, 7:30 a.m.-5:30 p.m.

Open God Squad, VFW Hall-north Highway 283, Noon-1 p.m.

Home Owned Carnival, Fairgrounds, 6:30-11:30 p.m.

Gospel Concert, Fairgrounds, 8 p.m.

Norton County Hospital Water Aerobics, Norton Aquatic Center, 8 p.m.

Open Alcoholics Anonymous, VFW Hall-north Highway 283, 8:30-9:30 p.m.

Wednesday, July 23

Norton County Fair events, look at Norton County Fair Book for events and times.

Open Alcoholics Anonymous, VFW Hall-north Highway 283, noon-1 p.m.

Petting Zoo, Fairgrounds, 3:30-4:30 p.m. 4-H Porkburger Special and Watermelon Feed,

Elmwood Park, 5:30 p.m.

Connie Lacy Water Aerobics, Norton Aquatic Center, 6 p.m.

Open Al-Anon, VFW Hall-north Highway 283, 7-8 p.m.

Open Alcoholics Anonymous, VFW Hall-north Highway 283, 8:30-9:30 p.m.

Thursday, July 24

Norton County Fair events, look at Norton County Fair Book for events and times.

The Community Calendar is brought to you by



To get your event included on the calendar Call Mike at 785-877-3361 or send by email: mstephens@nwkansas.com