Preventing Hay Fires

around a bale, both heat and any treatments you applied. moisture can dissipate. A sinare also heating, it is much grees. more difficult for the heat to a stack.

130 degrees. At 140 to 150 degrees, more microbial growth and chemical reactions within the hay cause thermometer. it to generate heat at an in-

tor the hay to make sure it 150 degrees, you need to out. Avoid LED displays as move bales to allow for better air circulation and frequently bright light. An LCD is a betcheck the temperature. At ter choice. Some electronic is stored. It is best to probe at 180 degrees, fire is imminent, moisture meters also meaand at 200 degrees, it is likely present. In either case, you need to notify the fire depart- commonly called compost ment. It is best to wait for thermometers, are probably them to arrive before remov- the most rugged and reliable. ing the hay from the stack in With these types, the price case of a flare up.

there may be some loss of contain toxic fumes, so keep rectly into a hay bale, but the

fire. With free air circulation and inform the firefighters of

To check hay temperature, destroyed. gle bale rarely heats enough you may use several types of to catch on fire, but when you thermometers. Find one that place bales close together or is durable, easy to use and stack with other bales that will measure up to 200 de-

leave the bales. A good prac- wire and lowering or pushing cial probes. tice is to leave bales scattered it into a probe that has been in the barn for three to four inserted into the hav is one weeks before placing them in way to use a simple glass thermometer. Do not insert them If the bales are wetter than directly into the hay because they should be, the tempera- they easily break. It is best tures can easily rise above to use only spirit-filled glass thermometers to prevent accidentally contaminating hay with mercury from a broken

thermometers with remote but it is important to get at If hay temperatures reach sensors and a digital readthey are often hard to read in sure temperature.

Long stem thermometers, increases with the dial size Smoke from hay treated and length of the stem. It may

quality but no danger of people away from the smoke stem can be easily bent and the accuracy or operation of the thermometer could be

> It is best and necessary in most cases to use some kind of hay probe. You can make one for yourself using steel pipe or electrical conduit or Attaching a string or a thin you can purchase commer-

Measure the wettest hav first. Probe square bales from the side, round bales from the end. Insert the probe near the center of the bale. In round bales, if the core is loosely formed, probe 6 to 12 inches away from the center where the hay will be more tightly packed.

In large stacks, it may be You can use electronic difficult to reach the center, least 5 to 10 feet down from the top or in from the side. The most critical factor is to reach where the wettest hay several locations and at different depths within a stack to locate the warmest spot.

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HERE IS A PLEASANT LITTLE GAME that will give you a message every day. It's a numerical puzzle designed to spell out your fortune. Count the letters in your first name. If the number of letters is 6 or more, subtract 4. If the number is less than 6, add 3. The result is your key number. Start at the upper left-hand corner and check one of your key numbers, left to right. Then read the message the letters under the checked figures give you.

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You can prevent hay bale or barn fires if you bale hay at appropriate moistures and monitor the temperature of recently baled hay. Generally, hay will go through a heating phase within one to two weeks after baling. During creasingly rapid rate. this time, you should monidoesn't reach temperatures that can damage the hay or lead to spontaneous combustion.

According to UK forage specialist Ray Smith, it is not unusual for the temperature within a bale of hay to reach 100 degrees Fahrenheit, and it may go as high as 130 degrees before beginning to decline. If the temperature peaks below 130 degrees, with an acid preservative may be tempting to stick these di-

At farm field day on Thursday, June 8, 2017, at the Callahan Farm, UK weed specialist J.D. Green discussed pasture management to reduce weeds and make pastures more productive. (Courtesy of Eric Baker, Estill County Extension Agent)

Adjusting soil pH

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To make your soil more **alkaline**:

- Add 4 oz. of hydrated lime per square yard in sandy soils
- Add 8 oz. of hydrated lime per square yard in loamy soils
- Add 12 oz. of hydrated lime per square yard in clay soils
- Add 25 oz. of hydrated lime per square yard in peaty soils Sources: www.thegardenhelper.com/acidsoil

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in the Lone Oak Industrial Park

Stickeler's Puzzle

Terry Stickels

Match the words on the left with their meanings on the right.

- 1. oneirism
- 2. aslant
- 3. anathematize
- 4. aegis
- 5. allay
- b. absent-minded daydreaming

a. shelter, protection

indy Brook

Getting Started

If you're new to backyard bird-

ing and want to attract color-

ful songbirds to your yard,

fill a tube feeder with black

oil sunflower seed. Birds love

this seed, and the shell is soft

enough for little songbirds to crack. Look for cardinals,

wrens, titmice, chickadees,

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finches and many more.

- c. mitigate, alleviate
- d. oblique
 - e. declare to be evil

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G	P O W E R	A E E	A L T A	A S A L E	T P L Y	S E P I A R	T W N G E	Y 0	
	V	en	E		ha	n	ge		
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2. E	Barney	, Bar	ley		7.	Hun	nor, F	Rumor	
3. Loner, Loser					8.	Res	ort, R	Retort	
4. Gaggle, Giggle					9.	Saber, Sober			
5. 8	Saute,	Sauc	e		10.	Nicł	kel, N	icked	
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ANSWERS 1) Neither;