



60,000+ attend National FFA Conference in Indianapolis

By Connie Swaim Managing Editor

INDIANAPOLIS — The Hoosier state welcomed back FFA students from across the United States and points beyond for the 94th National FFA Convention and Expo last week. Indianapolis has hosted the convention for many years; however, last year COVID sent the event virtual.

Downtown Indianapolis was once more filled with blue-jacketed youngsters who were trying out everything from the local cuisine to motorized scooters. The event also boasts a huge farm and ranch related shopping mall and an exposition center where participants could see the latest in agriculture technology and talk to representatives from major colleges and universities offering ag-related studies.

The final total for attendance for the three-day event was just over 60,000, according to Kristy Meyer, Communications Manager.

Social media took centerstage for many of the students. Exhibitors took advantage of this and set up photo opportunities and even displayed helpful hashtags. A group of three students from Puerto Rico could barely walk without being stopped and asked for photos of their jackets. Many students were photographing jackets from chapters and collecting them like trading cards In the shopping area; a crowd of at least 50 people deep surrounded a man who was signing autographs. The man in the middle of melee was Dale Brisby, star of Rodeo Time on YouTube as well as a top rodeo competitor. He was certainly a favorite of many of the younger crowd.

ity experiences. Most of the booths devoted to colleges and universities also had their fair share of visitors as students were able to learn more about various ag programs and opportunities. For those who went old school, you could still just climb into the cab of the latest tractor or even walk under a tractor that was up on lifts to provide an interesting view from underneath.

Officers for the 2021-2022 year were also elected. Students from Delaware, Georgia, Kentucky, Oregon, Washington and Wisconsin are part of the new leadership team.

These members were selected from 37 candidates vying for the honor. Candidates take part in an extensive interview process with the National FFA Officer Nominating Committee leading up to the selection.

• Cole Baerlocher, an agricultural education major from Washington, was elected national president. He attends Oregon State University.

• Jackson Sylvester, an agriculture major from Delaware, was elected national secretary. He attends the University of Delaware.

• Cortney Zimmerman, an agricultural communications major from Wisconsin, was elected central region vice president. She attends South Dakota State University.



Above: There were many amazing photo backgrounds at this year's National FFA Convention. More than 60,000 people attended the three-day event. For more photos see pages 2 and 3B in this issue

More rain delays once speedy Indiana harvest

By Stan Maddux Indiana Correspondent

Heavy rain in Indiana has delayed a harvest once on track to be finished by now in many parts of the state.

Since the middle of October, areas of the state from north to south received 2-3 inches of rain from each of two large weather systems. Now, some corn and soybean growers are hoping the weather cooperates enough for them to be finished well before Thanksgiving.

"I thought this would be an early harvest. This is turning into the latest early harvest I've ever been part of," said Matt Schafer, a corn and soybean producer in LaCrosse, about 30 miles south of Lake Michigan. "We were kind of on track to have one of our fastest harvests ever. However, that's obviously not going to happen now," said Kassi Rowland, a partner at Tom Farms in Leesburg in the northeast part of the state. were still left to get from his several thousand acres of land in LaPorte and Porter counties.

A similar weather picture was painted at Mellencamp Farms, Inc. in downstate Columbus.

Owner Richard Mellencamp said his fields drain well in their sandy soil but lack of sun along with humidity the past few weeks have extended the amount of time it normally takes to resume harvesting after a wet period.

He said the damp conditions are also keeping the moisture content too high in the corn and soybeans still out in his several thousand acres of ground.

Mellencamp said he had about 20

When the exposition center opened at noon; hundreds of students surged forward to be the first to try out numerous simulator devices and other virtual real-

• Erik Robinson Jr., a criminal justice major from Georgia, was elected southern region vice president. He attends the University of Georgia.

• Josiah Cruikshank, a business administration and mechanical engineering major from Oregon, was elected western region vice president. He attends Oregon State University.

• Mallory White, an agronomy major from Kentucky, was elected eastern region vice president. She attends Murray State University in Kentucky.

(FFA Conference on page 12)

Rowland said about 57 percent of corn and 43 percent of soybeans were still out in her 18,000 acres in Kosciusko, Marshall, Huntington, Whitley, Elkhart and Noble counties.

Schafer said nearly all his corn was in while 40 percent of his soybeans

"It's been the humidity and cloud cover that's been holding us back," he said.

Mellencamp said he's normally done harvesting before Halloween but now is one to two weeks behind schedule. "It just depends on the weather now," he said.

Tony Wolfe said not quite as much rain came down on the 550 acres he farms in Gibson County in the southwestern part of the state.

He said the amount of precipitation,

(Indiana harvest on page 4)



Purdue's new veterinary hospitals to open in the spring

By Michele F. Mihaljevich **Indiana Correspondent**

WEST LAFAYETTE, Ind. - Three new veterinary hospitals on Purdue University's campus will bring much needed space for treatment and teaching when they open next spring, according to the director of the university's Veterinary Hospital.

The new hospitals for small animals, equine and farm animals will be east of Lynn Hall, home of the College of Veterinary Medicine. The cost of the project is \$108 million, with \$73 million appropriated by the Indiana legislature and \$35 million committed by Purdue.

"The current hospital is very small and very outdated," explained Dr. Ellen I. Lowery, who has served as director since February 2020. "We essentially ran out of room. We've expanded our specialty services for animals quite a bit here at Purdue but there hasn't been any space to expand those services within the current hospital.

"Our emergency hospital, for example, which is the only emergency hospital within a 60-mile radius of this community, essentially works out of one room," she noted. "The new complex will have a separate entrance so we can keep emergency patients separate from scheduled appointments. We'll have a separate entrance for patients that might carry an infectious disease, so what we'll call our isolations. They'll come in a separate entrance to keep our community pets and animals safe from emergency or infected animals as well."

The new facilities will increase the number of operating rooms and expand the amount of teaching space and anesthetic capabilities, Lowery said. With the separate hospitals for equine and farm animals, horses can be kept separate from cows, goats and sheep, she stated.

"From a biosecurity perspective, that really helps out with that," Lowery pointed out. "Not only do we get a better hospital facility with innovative space, increased space, better teaching for the students, we'll also be able to see more cases in the hospital, which is important because our caseload here has risen quite a bit. We want it to be a great experience from the perspective of animals getting the best care they possibly can as well as clients getting the best care they possibly can. To do that, we need an updated facility."

The small animal hospital – which includes an expanded emergency area - will add 65,000 square feet to the existing small animal hospital facilities in Lynn Hall, currently about 40,000 square feet, according to the College of Veterinary Medicine. The equine hospital will be 73,000 square feet and the farm animal hospital, 24,000 square feet.

The facilities will be referred to as the in 1979. The Brunners have made a \$10 open a little later. David and Bonnie Brunner Purdue Veterinary Medical Hospital Complex. The three new hospitals in the complex will also be named after the Brunners.

David Brunner is a veterinarian in central Indiana and received a doctor of veterinary medicine degree from Purdue million leadership commitment to the university.

Site preparation began in 2020 and construction continued through the pandemic. The small animal hospital will open in the spring, Lowery said. The equine and farm animal hospitals will

Formal classroom instruction will continue to be conducted in Lynn Hall, but students will have learning opportunities in the new facilities, she noted. "There will be rounds rooms for stu-

(Purdue Vet on page 13)



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Contacts

TONY GREGORY, Publisher, ext. 321 E-mail: tgregory@midcountrymedia.com

Melissa Peggs, Advertising Director, ext. 222 Cent./South. Indiana, Kentucky/W. Central Ohio E-mail: mpeggs@farmworldonline.com

CONNIE SWAIM, Managing Editor, ext. 131 E-mail: connie@farmworldonline.com

ADVERTISING DEPARTMENT

DEBBIE PEIFFER, 269-358-4221 Michigan, Northern Indiana, Northwest Ohio E-mail: dpeiffer@farmworldonline.com

BILLIE SEKELY, C 330-519-7055 Central/East.Ohio, West.Pennsylvania, West Virginia E-mail: bsekely@farmworldonline.com

CINDY PITTS, 419-467-2329 Southeast Michigan E-mail: cpitts@farmworldonline.com

MICHELE WHITE, Auction Advertising, ext. 122 E-mail: mwhite@farmworldonline.com

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Purdue study will look at the value of diversity on the farm

By Stan Maddux **Indiana Correspondent**

WEST LAFAYETTE, Ind. - Researchers at Purdue are looking at whether replacing some corn and soybeans on the farm would position farmers better for the future.

"Growing only a rotation of corn and sovbeans is not necessarily sustainable economically, environmentally or socially," said Linda Prokopy, a professor of horticulture and landscape architecture at Purdue.

Researchers from Illinois State University and Iowa State University are also involved in the five-year project funded by a \$10 million grant from the USDA's National Institute of Food and Agriculture.

Replacing some of the corn and soybean production with possibly small grain and other commodities like grazed livestock would provide more stability in various ways for the agriculture industry in the Midwest, according to researchers.

Prokopy, who's leading the effort, said researchers will be working with farmers in Indiana, Illinois and Iowa to evaluate what else can be added successfully to what they already produce.

Other possible options for producers include forage and bioenergy crops, agroforestry and horticulture food crops.

"There will be challenges ahead and we must prepare for the future. We hope this project will bring together farmers, researchers and the agri-food community to figure out how," Prokopy said.

Prokopy said COVID-19 exposed how farmers in the Midwest are prone to being hurt during a crisis in an economy dominated by corn and soybeans.

She said pandemics come and go but climate change might be more lasting and one farmers could better adapt to by successful changes in some of their land use.

Matt Schafer, an Indiana corn and soybean grower, said he doesn't disagree that more diversity on a farm can result in more stable and higher profits.

Schafer said the major slashing on farm exports from the United States during the trade war with China is an example of the pain farmers who rely too heavily on one crop can ease by having a market for other products. "When all of your eggs are in just one basket your income is married to any hiccup in the global economy," he said.

Researchers will also identify economic and social barriers to change that need to be overcome, along with the cost and environmental benefits of more diversified farms.

Schafer said the potential for profit being greater than the cost of new equipment and materials that might have to be purchased is definitely a factor in deciding whether to become a more diverse operation.

He said the same planter, for example, doesn't always work on other crops. He once added green beans and cucumbers to his fields because the planters used on his corn and sovbeans were compatible for putting the other crops into the ground.

Schafer said he no longer raises alternative crops but, if approached, would be open minded. "We'd certain-

(Study continued on page 7)

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— Kim Grewe

Nebraska farmer indicted

SCOTTSBLUFF, Neb. (AP) – A western Nebraska rancher and farmer has been indicted on four federal counts of bank fraud after prosecutors say he lied to bank officials about his assets and debt load in an effort to secure more than \$11 million in loans.

George Liakos, 62, grows beans, corn and sugar beets and raises cattle near Bayard, the Scottsbluff Star-Herald reported. According to the indictment, Liakos tried to defraud Great Western Bank after entering a loan agreement with the bank in 2017 totaling \$11.2 million for farm and ranch equipment and operaProsecutors say that from April 2017 to May 2019, Liakos submitted falsified documents that overstated his commodity inventory and understated or failed to report his other loans and accounts payable.

The indictment said Liakos also lied to bank officials about his current commodity and livestock inventory "in an effort to hide his current financial condition to Great Western Bank."

Each bank fraud charge carries a sentence of up to 30 years in prison, while the false statement count carries up to five years in prison.

80-bushel beans around," he said.

From Page 1

though, was enough to keep him from harvesting his 55 acres of double crop soybeans. "I would have been cutting them a couple of days ago. Now, I'll wait a little longer," he said.

Indiana Harvest

Wolfe said he was finished harvesting his corn and early soybeans before the most recent storm moved in.

Some Indiana farmers like Schafer have reported just average yields of corn and soybean yields slightly below expectations, despite USDA predicting record yields in the state.

Wolfe, though, said his corn and soybean production is the best he's ever had in his many years of farming.

"Down here, any time we get close to 200 bushels of corn, it's quite spectacular. This year, everybody in the neighborhood was pretty well over 200 bushels of corn no matter what kind of ground it is. There's a lot of 70- and Schafer said he felt unusual warmth

late in the growing season that sapped nutrients from the ground was a factor in some of his corn plants having weaker stalks.

He said corn plants filling their ears make up for shortages in nutrients by drawing nutrients from their stalks, which causes them to lose strength.

"We already had some overall plant health issues late in the season that led to some corn that didn't want to stand all that well. The wind the other night didn't help," Schafer said.

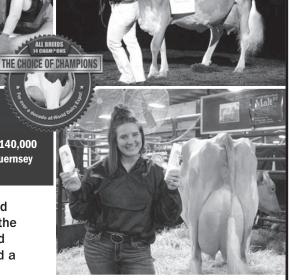
Schafer was hesitant to put a time frame on finishing his harvest but felt mid-November is well within reach. He expects he'll have to dry down his soybeans once they're brought in because cooling temperatures and declining sunlight hampered the beans' ability to reduce their moisture content out in the fields. "Drying beans isn't the most fun thing in the world but it is what it is," he said.

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"Udder Comfort is a big help on our dairy. We use it on all fresh cows and for any cow with signs of mastitis. It also helps us with milk quality. We love it," adds her husband Brandon. They met when he wanted to buy Malt's dam from Kim and her dad back in 2010. Today they operate Valley Gem Farms, a 180-cow dairy farm in Cumberland, Wisconsin with their prized Guernseys, along with Holsteins, Jerseys and a couple Milking Shorthorns. https://wp.me/pb1wH7-fr

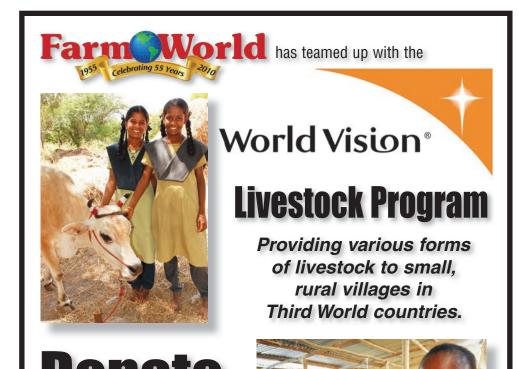


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year ago. The real concern is on soybean sales, which currently trail last year by a large 35 percent. This is mainly from the lack of Chinese buying, as sales to

our largest buyer are 37 percent less than last year at this time. Wheat sales also trail last year by 20 percent at the present time. The lower export numbers on

Even though early in the marketing

year, trade is showing more interest

in the volume of export sales the

United States has on the books.

Corn sales started out the year at a record pace but have receded since.

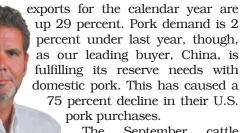
After initially being 30 percent ahead of last year, bookings

are now just 4 percent above a

soybeans are sending mixed signals. While cumulative soybean sales are well behind last year, they are still the third largest on record. The big difference between this year and others is the 300 million bu (mbu) fewer sales to China as the country cuts back on hog production. China's hog industry is also becoming more efficient than in the past. This will likely alter the country's overall feed grain demand for years to come.

It is not surprising that U.S. export loadings are well behind last year as well. At the present time U.S. corn loadings total 44.86 mbu, a 60 percent reduction on the year. Soybean inspections only total 34.6 mbu, down a huge 81 percent from last year. Wheat inspections are better at 294 mbu, but still off 13.5 percent from 2020. If these totals do not increase soon, we will likely see adjustments to projected ending stocks.

Not only are U.S. grain and soybean exports being monitored, but the meats as well. Demand for U.S. beef remains very strong, with last week's sales hitting an eight-week high. Total U.S. beef



MARKET ANALYSIS

By Karl Setzer

The September cattle slaughter numbers contained some mixed data. The total number of cattle slaughtered for the month

totaled 2.73 million head, down 1 percent from both August and September 2020. The average steer weight was down 10 pounds on the year while the heifer slaughter weight was up a large 94 pounds on the year. The combination of these two levels generated a beef production number that was just 98 percent of last September, but still the second largest monthly total since 2003.

A thought this report raises is the number of animals being liquidated. There are concerns that with poor pasture conditions and high feed costs, the United States may see more contraction in cattle numbers. One of these is in dairy, where the U.S. milk cow herd shrunk by 25,000 head in September. If this trend continues, we may start to see alterations to feed grain usage projections.

While early, we are already starting to see debate in the market over next year's acres. While this has been a factor for several months given the tight stocks to use on corn and soybeans, it is starting to intensify. This is from the fact producers across the United States start planning next year's crops as soon as harvest is complete. The cost of corn inputs has already increased from last year and there are thoughts they will

(Setzer continued on page 8)



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600

652

705

800

642

800-845

Head <u>Wt Range</u> 6 217-242

600

652

705

800

Avg Wt 234

642

815

HEIFERS - Medium and Large 1-2 (Per Cwt / Actual Wt)

DAIRY STEERS - Large 3 (Per Cwt / Actual Wt)

129.00

125.00

121.00

122.00

Price Range 65.00-79.00

87.00

86.00-95.00

129.00

125.00

121.00

122.00

Avg Price 74.67

87.00

91.89

5TS 118.00-129.00 109.00-121.00 Price Range Avg Price 555-587 576

610-635

625

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		Lexin	gton, l	A Y		17	350-395	383
Live	stock Weig	phted Avera	age Report f	or 10/25/202	1 - Final	8	425-440	429
AUCT	ION		• •			51	450-495	473
		This Weel	Last Rep	orted La	st Year	19	500-535	522
			10/18/2	2021		9	544	544
Total R	eceipts:	899	791	1	,109	18	555-585	563 630
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			s; light demand				Wt Range	Avg Wt
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			included: 86%			2	265-285	275
			6 Bulls); 13% S			4	315-335	321
			(41% Stock Co		I Cows, 18%	2	360-375	368
COM-Ca	ait Pairs). Feed	per cattle supp	bly over 600 lbs	was 29%.		5	410-440	426
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Head	Wt Range		Price Range	Avg Price		10	555-585	572
1	225	225	156.00	156.00		12	600-645	629
1	290	290	150.00	150.00		3	675-697	690
5	315-330		55.00-160.00	158.60		2	820-835	828
2	360-370		64.00-167.50	165.77		HEIFER	RS - Large 1-	2 (Per Cwt / /
9	370-395		74.00-176.00	174.55 Value	Added	Head	Wt Range	Avg Wt
3	420-440		54.00-158.00	155.69		1	390	390
25	400-446		55.00-175.00	166.98 Value	Added	2	500-525	513
14	460-495		41.00-155.00	150.68		3	600-637	625
22	450-497	475 1	60.00-172.50	164.92 Value	Added	HEIFER	RS - Small an	d Medium 1-
24	505-547	519 1	41.00-152.00	150.97		Head	Wt Range	Avg Wt
32	500-535	514 1	54.50-168.00	161.44 Value	Added	1	510	510
28	555-590	574 1	43.00-152.00	146.33		1	580	580
21	552-582	558 1	56.00-161.00	160.01 Value	Added		- Medium ar	
4	600	600	138.00	138.00			Wt Range	Avg Wt
33	600-642		40.50-154.00	149.10 Value	Added	2	260-275	268
7	670-690		32.00-139.00	134.72		3	305-320	312
10	650-691		42.00-144.00	143.08 Value		10	350-392	372
20	710-747		40.00-150.00	149.04 Value	Added	2	405-435	420
2	767	767	135.00	135.00		7	460-497	481
3	840-845		34.00-139.00	137.33		13	460-492	481
3	853	853	135.00	135.00		8	507-540	521
2	925	925	129.00	129.00		31	550-587	569
			Per Cwt / Actual			1	595	595
	Wt Range		Price Range	Avg Price		12	600-645	618
3	573	573	123.00	123.00		6	605-637	623
4	600	600	129.00	129.00		7	660-673	668

17	300-390	303	120.00-134.00	127.52	1
8	425-440	429	123.00-128.00	126.75	BULLS
51	450-495	473	121.00-129.00	126.15	Head
19	500-535	522	120.00-126.00	123.34	1
9	544	544	138.50	138.50 Value Added	1
18	555-585	563	121.00-125.00	124.33	BULLS
12	605-641	630	117.00-126.00	120.60	Head
1			118.00		1
	665	665		118.00	
4	702-715	706	110.00-115.00	113.73	SLAU
6	702-740	708	122.00-125.00	124.48 Value Added	COWS
7	750-760	759	110.00-115.00	114.29	Hea
1	775	775	118.00	118.00 Guaranteed Open	7
2	802	802	114.00	114.00	14
2	870-875	873	106.00-121.00	113.52 Guaranteed Open	COWS
1	920	920	90.00	90.00	Hea
1	985	985 1	05.00	105.00 Guaranteed Open	18
			3 (Per Cwt / Actua		23
					23
	Wt Range	Avg Wt	Price Range	Avg Price	
1	240	240	120.00	120.00	COWS
2	265-285	275	119.00-122.50	120.69	Hea
4	315-335	321	107.00-115.00	113.01	10
2	360-375	368	110.00-113.00	111.53	8
5	410-440	426	110.00-119.00	114.15	1
11	450-488	473	109.00-119.00	115.97	BULLS
2	530	530	110.00-115.00	112.50	Hea
10	555-585	572	110.00-120.00	113.20	3
12	600-645	629		110.14	
			105.00-115.00		3
3	675-697	690	103.00-115.00	111.09	1
2	820-835	828	89.00-100.00	94.45	REPL
	RS - Large 1-2	2 (Per Cwt / A	ctual Wt)		STOCH
Head	Wt Range	Avg Wt	Price Range	Avg Price	Age
1	390	390	110.00	110.00	2-8
2	500-525	513	113.00-115.00	113.98	BRED
3	600-637	625	119.00	119.00	Age
IFIFFF			2 (Per Cwt / Actua		2-8
	Wt Range	Avg Wt		Avg Price	2-8
1	510	510	101.00	101.00	BRED
1					
	580	580	101.00	101.00	Age
			Per Cwt / Actual		2-8
	Wt Range	Avg Wt		Avg Price	COM-(
2	260-275	268	140.00-161.00	150.79	Actual
3	305-320	312	147.00-161.00	153.10	Age
10	350-392	372	149.00-169.00	160.07	2-8
2	405-435	420	147.00-151.00	149.07	Please
7	460-497	481	148.00-156.00	151.05	The ab
13	460-492	481	151.00-157.00	153.83 Fancy	grades
8	507-540	521	138.00-149.00	144.12	
o 31					not fit
	550-587	569	131.00-143.00	138.07 154.00 Ferrer	Prices
1	595	595	154.00	154.00 Fancy	Explan
12	600-645	618	121.00-129.00	126.34	Stage
6	605-637	623	130.00-135.00	131.47 Fancy	months
7	660-673	668	120.00-135.00	131.74	T2-3 =
2	705-740	723	108.00-122.00	114.83	all trim
1	750	750	106.00	106.00	Age - N
2	810-820	815	102.00-103.00	102.50	
			Per Cwt / Actual		
iedu	Wt Range	Avg Wt	Price Range	Avg Price	
	360-375	368	140.00-146.00	142.63	
1	405	405	132.00	132.00	
2	497	497	131.00	131.00	
7	505-527	519	123.00-133.00	128.60	

125.00-129.00

120.00-134.00

127.56

127.52

Daily Livestock Slaughter Under Federal Inspection

B

3

Friday, October 29, 2021								
	CATTLE	CALVES	HOGS	SHEEP				
Friday 10/29/2021	120,000	1,000	474,000	4,000				
Week ago	112,000	1,000	468,000	4,000				
Year ago (act)	115,000	2,000	487,000	7,000				
Week to date	608,000	6,000	2,395,000	34,000				
Same Period Last Week	594,000	6,000	2,369,000	34,000				
Same Period Last Year (act)	578,000	8,000	2,445,000	36,000				
Saturday 10/30/2021	60,000	0	156,000	0				
Week ago	67,000	0	229,000	1,000				
Year ago (act)	61,000	0	249,000	1,000				
Week to date	668,000	6,000	2,551,000	34,000				
Same Period Last Week	661,000	6,000	2,598,000	35,000				
Same Period Last Year* (act)	640,000	8,000	2,694,000	37,000				
2021 Year to Date	27,603,00	308,000	106,181,000	1,578,000				
2020 *Year to Date	26,756,00	372,000	108,338,000	1,573,000				
Percent change	3.2%	-17.2%	-2.0%	0.3%				
2021 *Totals subject to revision								
2020 *Totals adjusted to reflect NASS								
Yearly totals may not add due to rounding								
Previous day Steer and Heife Thursday 95,000	er Cow and Bull 27,000							

Source: USDA Livestock, Poultry, and Grain Market News Division, St Joseph, MO 816-676-7000 e-mail: stjoe.lpgmn@ams.usda.gov www.ams.usda.gov/mnreports/SJ_LS710.txt www.ams.usda.gov/market-news/livestock-poultry-grain

AG FUTURES

November 1, 2021

1	670		670	114.00		114.00	
BULLS	- Large	1-2 (Pe	r Cwt / Actu	al Wt)			
Head	Wt Rar	nge	Avg Wt	Price Rang	e	Avg Price	
1	415	5	415	135.00		135.00	
1	505		505	128.00		128.00	
BULLS	- Small	and Me	dium 1-2 (P	er Cwt / Act	tual W	t)	
Head	Wt Rar	nge	Avg Wt	Price Rang	e	Avg Price	
1	510		510	109.00		109.00	
	GHTER						
COWS	- Breake	er 75-80	% (Per Cwt	/ Actual Wt)		
Head	d <u>Wt</u> l	<u>Range</u>	Avg Wt	Price R	ange	Avg Price	Dressing
7		5-1810	1542	55.00-5		57.38	Average
14		5-1650	1463	59.00-6	5.00	61.10	High
			6 (Per Cwt / /				
Head	d <u>Wt</u> l	Range	Avg Wt	Price R	ange	Avg Price	Dressing
18	885	5-1290	1186	54.00-5	9.00	56.30	Average
23	103	0-1610	1344	59.50-6	6.00	62.29	High
2		5-1015	990	51.0	0	51.00	Low
COWS	- Lean 8	85-90%	(Per Cwt / A	ctual Wt)			
Head	<u>d Wt</u>	Range	Avg Wt	Price Ra	ange	Avg Price	Dressing
10	830)-1250	1014	52.00-5	5.00	52.94	Average
8	990)-1285	1093	56.00-6	1.00	57.53	High
1	1	050	1050	48.0	0	48.00	Low
BULLS	- 1-2 (P	er Cwt /	Actual Wt)				
Head	<u>d Wtl</u>	Range	Avg Wt	Price Ra	ange	Avg Price	Dressing
3	122	0-1890	1648	83.00-9	2.00	88.25	Average
3	156	5-1875	1743 9	5.00-10	0.00	97.39	High
1	2	700	2700	65.0	0	65.00	Low
REPL/	CEME	NT CA	TTLE				
STOCK	COWS	- Mediu	im and Larg	e 1-2 (Per C	wt/A	ctual Wt)	
Age	Stage	Head	Wt Range	Avg Wt	Pric	e Range	Avg Price
2-8	0	7	895-1200	1049	70.0	00-87.00	76.28
BRED (COWS -	Mediun	n and Large	1-2 (Per He	ad / A	ctual Wt)	
Age	Stage	Head	Wt Range	Avg Wt	Pric	e Range	Avg Price
2-8	T2	5	905-1480	1242	825.	00-900.00	857.45
2-8	T3	1	1640	1640	g	00.00	900.00
BRED (COWS -	Mediun	n and Large	2-3 (Per He	ad / A	ctual Wt)	
Age	Stage	Head	Wt Range	Avg Wt	Pric	e Range	Avg Price
2-8	T2	1	1270	1270	7	50.00	750.00
COW-C	ALF PA	IRS - N	ledium and	Large 1-2 v	v/ 150	-300 lbs calf	(Per Family /
Actual	Wt)			-			
Age	Stage	Head	Wt Range	Avg Wt	Pric	e Range	Avg Price
2-8	0	3	1460-1620	1515	1100.0	00-1300.00	1235.75
Please	Note:						
The ab	ove USE	DA LPGI	MN price rep	ort is reflect	tive of	the majority	of classes and
grades	of livesto	ock offei	red for sale.	There may b	e insta	ances where	some sales do
not fit v	vithin rep	porting g	quidelines ar	nd therefore	will no	t be included	d in the report.
Prices a	are repoi	rted on a	an FOB basis	s, unless oth	erwise	noted.	
	atory No						
			ents pregnar	ncy stage (O	= ope	n; T1 = 1st Tr	imester, 1 to 3
Stage (Cattle) - Represents pregnancy stage (O = open; T1 = 1st Trimester, 1 to 3 months; T1-2 = 1st/2n d trimester, 1 to 6 months; T2 = 2nd Trimester, 4 to 6 months;							
T2-3 = 2nd/3rd Trimester, 4 to 9 months; $T3 = 3rd$ Trimester, 7 to 9 months; $T1-3 =$							
all trimesters, 1 to 9 months; E = Exposed; B = Bred)							
	Age - Numerical representation of age in years.						
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			Frankfort, F	Y (502) 7	82-41	39	

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NOVEMBER 4 DECEMBER 2

Missouri Direct Hay Report Direct Hay Weighted Average Report

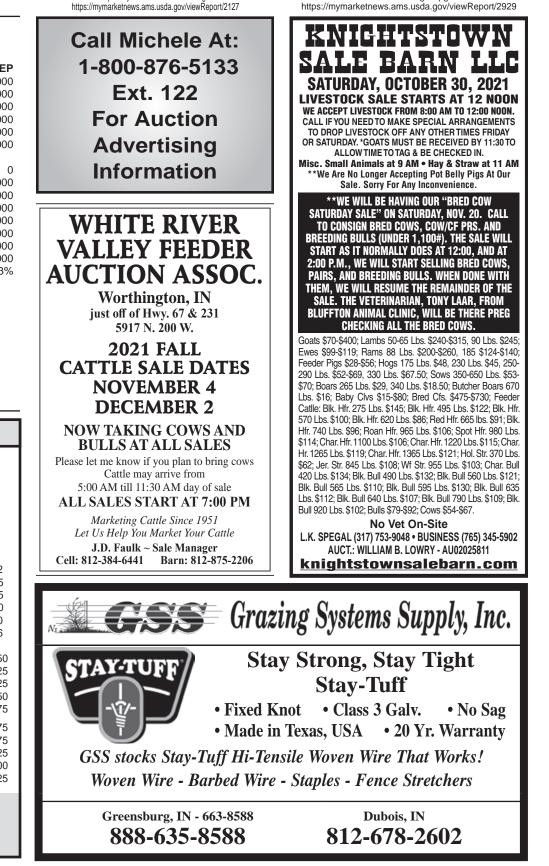
For week ending Friday, October 29, 2021

Rains over the last week have resulted in improved soil conditions. A near 10 percent decrease was reported in the drought areas scattered around the state this week. Moisture has slowed grain harvest however due to the rapid pace earlier both corn and bean harvest is still slightly ahead of the five year average. Winter wheat planting is currently on pace as well. The ever skyrocketing prices of fertilizer continue to be on the minds of producers. Reports of some trying to pre-buy ahead of more possible increases have be met with rejection as local retailers refuse to sell product they don't yet have for fears of not getting it or being upside down if they presale this early. Hay movement has been limited, as most have decent stockpiles. The supply of hay is moderate and demand is light to moderate and prices mostly steady. The Missouri Department of Agriculture has a hay directory visit http://mda.mo.gov/abd/ haydirectory/ for listings of hay http://agebb.missouri.edu/ haylst/

HAY (Conventional)	
	Price Range
Alfalfa - Supreme (Ask/Per Ton)	
Medium Square 3x3	200.00-250.00
Alfalfa - Supreme (Ask/Per Bale)	
Small Square	8.00-12.00
Alfalfa - Premium (Ask/Per Ton)	
Medium Square 3x3	160.00-200.00
Alfalfa - Good (Ask/Per Ton)	
Large Round	120.00-160.00
Alfalfa - Good (Ask/Per Bale)	
Small Square	5.00-9.00
Alfalfa - Fair (Ask/Per Ton)	
Large Round	100.00-125.00
Alfalfa/Grass Mix - Good/Premium (Ask/Pe	er Bale)
Small Square	6.00-8.00
Mixed Grass - Good/Premium (Ask/Per To	n)
Large Round	80.00-140.00
Mixed Grass - Fair/Good (Ask/Per Ton)	
Large Round	60.00-100.00
Mixed Grass - Fair/Good (Ask/Per Bale)	
Small Square	4.00-6.00
Mixed Grass - Fair (Ask/Per Bale)	
Large Round	25.00-55.00
STRAW (Conventional)	
Wheat - (Ask/Per Bale)	
Small Square	4.00-6.00
·	
Source: USDA AMS Livesto	
Poultry & Grain Market Nev	
MO Dept of Ag Market Nev Jefferson City, MO (573) 751	
	-0010

https://mymarketnews.ams.usda.gov/

www.ams.usda.gov/lpgmn



	Delivery				Delivery		
	Month	Last	Change		Month	Last	Change
Corn	Dec 21	\$ 572-4	+ \$ 4-2	Wheat	Dec 21	\$ 783-4	+ \$10-6
	Mar 22	\$ 580-4	+ \$ 4-2		Mar 22	\$ 795-4	+ \$10-4
	May 22	\$ 583-6	+ \$ 4-0		May 22	\$ 798-2	+ \$10-2
	Jul 22	\$ 583-0	+ \$ 4-2		Jul 22	\$ 783-4	+ \$ 7-6
	Sep 22	\$ 557-4	+ \$ 2-6		Sep 22	\$ 783-4	+\$7-2
Soybeans	Nov 21	\$ 1234-6	- \$ 1.0	Oats	Dec 21	\$ 744'0	+ \$ 14'2
Coynound	Jan 22	\$ 1246-2	- \$ 3.2		Mar 22	\$ 714'4	+\$9'5
	Mar 22	\$ 1255-6	- \$ 3.2		May 22	\$ 699'4	+\$9'5
	May 22	\$ 1265-2	- \$ 3.0		Jul 22	\$ 654'0	+\$6'0
	Jul 22	\$ 1269-9	- \$ 3.6		Sep 22	\$ 553'0	+ \$ 29'0
	001 22	φ 1200 0	Ф 0.0		Dec 22	\$ 541'2	+ \$ 19'6
Soybean	Dec 21	\$ 331.3	- \$ 1.3	Live	Dec 21	\$129.275s	- \$ 1.050
Meal	Jan 22	\$ 328.8	- \$ 1.6	Cattle	Feb 22	\$134.225s	- \$ 1.030 - \$ 1.525
	Mar 22	\$ 329.9	- \$ 1.5	Gattle	Apr 22	\$134.225s	- \$ 1.325 - \$ 1.225
	May 22	\$ 333.2	- \$ 1.6		Jun 22	\$132.175s	- \$ 1.150
	Jul 22	\$ 336.8	- \$ 1.8		Aug 22	\$131.325s	- \$ 1.130 - \$ 0.875
0	D 04	A A A T	A		U	•	
Soybean	Dec 21	\$ 61.47	+ \$ 0.20	Lean	Dec 21	\$ 76.075s	+ \$ 0.875
Oil	Jan 22	\$ 61.17	+ \$ 0.12	Hogs	Feb 22	\$ 78.675s	+ \$ 1.475
	Mar 22	\$ 60.50	+ \$ 0.06		Apr 22	\$ 82.050s	+ \$ 1.525
	May 22	\$ 59.66	- \$ 0.05		May 22	\$ 87.200s	+ \$ 2.200
	Jul 22	\$ 59.01	- \$ 0.08		Jun 22	\$ 91.825s	+ \$ 1.425
Ag Futures	sponsore	d bv			Ag Futu	res taken fror	n
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U.S. stops tomato imports from Mexican company

States has ordered a halt to imports of tomatoes from a Mexican farming company and its subsidiaries for what officials said was abusive treatment of workers that amounts to forced labor.

Customs and Border Protection (CBP) issued an order to detain shipments from Agropecuarios Tom, based in the central Mexican state of San Luis Potosi.

The agency said its investigation found evidence of deception, withholding of wages, debt bondage and other abusive working and living conditions. It said the Mexican government took action against the same farm over forced labor allegations in October 2020.

Agropecuarios Tom disputed the allegations in general but said it is waiting for further details from CBP so it can respond in detail.

"We are surprised because we have

Study

FROM PAGE 3

6' & 8' Straps

ly be inclined to try some things if it made financial sense," he said.

Schafer said other crops are more profitable than corn and soybeans at times but they're also more vulnerable to crashing. He said corn and soybean growers during lean years are protected financially to a certain extent by the federal government, but other crops don't have such backing.

"If the dollars at the end of the day are enticing, I'm sure there are those guys out there that would be happy to try it," Schafer said.

According to Purdue officials, sup-

WASHINGTON (AP) - The United complied with all the rules of both the American government and the Mexican government," said Rommel Fernandez Veraud, the company's legal representative.

The U.S. government has increasingly relied in recent years on the use of so-called withhold release orders to block imports from producers and manufacturers linked to forced labor amid growing public awareness of the issue.

The orders, which force U.S. companies to delve more deeply into practices within their supply chain, remain in effect until the producers and manufacturers cited can provide evidence that they have corrected the abusive practices.

Media reports have found workers in slave-like conditions at farms throughout Mexico that supply U.S. food companies.

porters of the research include farmers and others in the agriculture industry. along with environmentalists, General Mills, Kellogg's, Red Gold and Smithfield Foods. Institutions such as the American Society of Agronomy, Practical Farmers of Iowa and Sustainable Food Labs are partnering in the effort.

"We don't know what kinds of diversification this project will identify as the most promising but the Extension team will be ready to get the word out, help stakeholders evaluate the findings and provide resources needed to make changes for a more sustainable Midwest agriculture," said Elizabeth Maynard, a Purdue Extension specialist and associate professor of horticulture and landscape architecture.



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dealer so I tried some. I liked it and I like the company. I've planted it again this year and will probably plant more next year." Brian Bechtolo

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Curtis Hatfield

Migrant workers sue Louisiana sugar company over wages

NEW ORLEANS (AP) - Six migrant workers from Mexico have filed a lawsuit against a Louisiana sugar company claiming they were brought into the country with visas listing them as farm workers, but were put to work as truck drivers hauling sugarcane from farms to a mill - a job carrying a higher wage.

The lawsuit filed in western Louisiana claims Sterling Sugars Sales Corp. obtained federal H-2A work visas identifying the six as farm workers, with job duties including harvesting sugarcane and maintaining farm equipment at wages less than \$11 an hour.

"Instead, plaintiffs and similarly situated workers were employed driving heavy trucks in excess of 26,000 pounds to transport harvested sugarcane from various farms in Louisiana back to processing facilities in Franklin, La.," the lawsuit said. "Defendant did not harvest the sugarcane crops it transported."

The workers' suit argues that the offthe-farm work carrying products to a mill for an employer who did not produce the sugarcane required a different type of visa, an H-2B visa. And, the suit said, they should have been paid at a rate just more than \$20 an hour under federal "prevailing wage" law. The lawsuit also claims the workers routinely worked more than 40 hours a week - often as many as 80 hours a week - but were not paid at mandated overtime rates.

The lawsuit seeks payment of the unpaid wages and overtime pay under state and federal law. It also seeks to recover unpaid overtime for others hired to drive trucks for the company under similar situations in 2018, 2019, 2020 or 2021.

Sterling Sugars has not yet filed its response in federal court and did not immediately respond to an emailed request for comment.

Lawyers with the Southern Migrant Legal Services project of the Texas RioGrande Legal Aid organization filed the lawsuit on behalf of the six migrant workers. Attorneys with the same organization filed a federal lawsuit in May on behalf of workers who said they were illegally underpaid by a crawfish processing business in Louisiana.

Setzer

FROM PAGE 5

climb even higher which may start to impact crops acres.

A result of this high cost of production may cause a shift in acres to the crop with the lowest costs, regardless of commodity values. This is not uncommon in years such as this but does tend to be less of a factor when commodity values remain elevated. There is speculation in the market we could see elevated wheat acres this coming year given wheat's lower cost of production. This scenario may also lead to elevated double cropping with soybeans and winter wheat given wheat's favorable returns.

While mostly favorable, weather remains a factor in current price discovery. The United States is expected to remain mostly dry for the next 90 days which will not only favor remaining harvest, but likely allow for a large amount of fall tillage as well. Dry weather is bearish at the present time, but if we start to see indications of these conditions lingering into our next production season the markets will react. The United States cannot afford any production losses this year or next. This will likely keep risk premium elevated in the U.S. market even when the current crop year ends.

One development that is tempering market reaction to drought conditions is this year's yields in abnormally dry regions of the country. Drought impacted several areas of the Corn Belt this year, but even so, yields are starting to come in at the top side of expectations. Some regions of the Corn Belt reported record yields. Field scouts claim this shows us the timing of rains during the growing season can be just as beneficial as overall precipitation totals.

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TRACTORS

2012 JD 9560RT, BB, PS, 3800 HRS 2018 JD 6145R, QR, MFD, 1890 HRS 2013 JD 6115M, CAH, QR, MFD, 2371 HRS 1986 JD 4050, QR, 2WD, 4700 HRS 1974 JD 4430, QR, TWD, 4774 HRS 1975 JD 4030, QR, TWD, 3700 HRS 2021 MAGNUM 250 AFS CONNECT, PS, MFD, 419 HRS 2020 MAGNUM 250 AFS CONNECT, PS, MFD, GUIDANCE, 334 HRS 2013 CIH FARMALL 125A, CAH, MFD, 1000 HRS 2021 CIH FARMALL 70A, OS, MFD, LDR, 100 HRS 2008 NH T7030, CAH, PS, MFD, LDR, 2700 HRS 1988 VERSATILE 846, BB, 5300 HRS 2000 MF 4243, CAH, TWD, LDR, 1500 HRS 1984 ALLIS 8050, CAH, PS, TWD 4300 HRS 1985 ALLIS 8030, CAH, PS, TWD, 3700 HRS

COMBINES

2013 CIH 5130, 2WD, RT, FT, CHPPR, SPRDR, POWER BIN, 2100/1390 HRS 2007 CIH 2588, 2WD, RT, FT, CHPPR, SPRDR, 2589/1731 HRS

HEADS

2011 MACDON FD70 40FT DRAPER, JD ADAPTER 1998 JD 918 GRAIN HEAD, LEVEL LAND 2012 CIH 2162 40FT DRAPER. IH WIDE ADAPTER 2008 CIH 1020 25FT GRAIN HEAD 2003 NH 74C, GRAIN HEAD, WIDE THROAT

2006 CIH 2208 CORN HEAD, 8R30, KR, HD, HH, IH NARROW 2008 CIH 2208 CORN HEAD, 8R30, KR, HD, HH, IH

WIDE

GRAIN CARTS & WAGONS 2015 J&M 1110-22 X-TENDED REACH GRAIN CART, SCALES, TARP

EQUIPMENT JD 2210L 42FT FIELD CULTIVATOR 2005 KRAUSE TL6200 42FT SOIL FINISHER LANDOLL 6230 30FT RF DISC 2011 LANDOLL 6230 26FT RF DISC KRAUSE 3950 21FT RF DISC BRILLION XXI 184 38FT PACKER BRILLION X108 25FT PACKER UNVERFERTH 1225 28FT DOUBLE ROLLING BASKET UNVERFERTH 1225 42FT DOUBLE ROLLING BASKET CIH 110 37-1/2FT CRUMBLER JD 200 27-1/2FT CRUMBLER 2019 KONGSKILDE SB5200 ROCK PICKER SUNFLOWER 4232 19 SH DISC CHISEL 2003 SUNFLOWER 4212-7 DISC CHISEL CIH 6650 11 SH DISC CHISEL NH 166 HAY INVERTER JD 854 SILAGE SPECIAL ROUND BALER JD 458 ROUND BALER, TWINE TIE 2005 NH BR780 ROUND BALER, TWINE 2006 NH 185 TANDEM AXLE MANURE SPREADER H&S 175 MANURE SPREADER FARM KING Y650R 6FT FINISH MOWER GP TSF660 PULL TYPE SPRAYER 60FT BOOMS DEMCO PULL TYPE SPRAYER, 40FT BOOMS EVERSMAN 450 SCRAPER PAN SOILMOVER 50RF, 5YD DIRT PAN

PLANTERS

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My Augusta corn yielded well for our West Nile Virus found in Tennessee horse

veterinarian confirms a horse in Weakley County, Tenn., tested positive for West Nile Virus (WNV). The horse was euthanized due to the severity of the case.

WNV is a mosquito-borne virus. Mosquitoes acquire WNV when they feed on infected birds and then spread the virus to people and other animals by biting them. While humans can be infected by WNV, the virus does not pass between people and horses, and horses do not transmit the infection to other horses. The only route of transmission is from a mosquito bite.

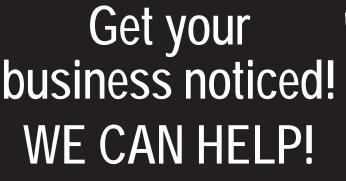
"We are always concerned when WNV is discovered in horses," State Veterinarian Dr. Samantha Beaty said. "Approximately one-third of these horses will succumb to this disease, and those that recover can relapse and develop secondary issues. Additionally, from a One Health perspective, it alerts health officials to the presence of the virus in the environment."

For horse owners, control of mos-

NASHVILLE - Tennessee's state quitoes and vaccination against WNV are equally important. Horse owners should work with a veterinarian to determine an appropriate vaccination schedule. Horses living in locations with heavy mosquito infestation or year-round presence of mosquitos may require more frequent vaccination.

> Eliminate mosquito breeding sites by removing standing water and regularly cleaning water containers. It is also effective to minimize horses' exposure to mosquitoes by using equine-approved repellents and fans in stalls.

The signs of WNV in horses range from mild, flu-like symptoms to inflammation of the brain, which can be fatal. Clinical symptoms may include lack of coordination and stumbling, fever, hind-end weakness, muscle tremors, excessive sweating, lips or head drooping, and teeth grinding. Effects of the disease usually present within 15 days after a bite from an infected mosquito. Some infected horses show no clinical signs of illness and recover.





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Louisville livestock expo begins Nov. 5

LOUISVILLE, Ky. – More than 30,000 entries from across the country will arrive in Louisville Nov. 5-18 to compete at the North American International Livestock Exposition (NAILE). Held annually at the Kentucky Exposition Center, exhibitors showcase top livestock in hopes of winning a portion of the nearly \$750,000 in premiums awarded during the various competitions.

NAILE is the largest all-breed, purebred livestock exposition in the world. The expo features 10 divisions of livestock competition: dairy cattle, beef cattle, dairy goat, meat goat, swine, sheep, llama, alpaca, mule and draft horse.

NAILE offers a variety of experiences for livestock enthusiasts and those new to the exposition world. Features include:

• The North American Country Store Nov. 6-18. • The North American Championship Rodeo Nov. 11-13. • Livestreaming of select events Nov. 5-18.

"We're excited to welcome the public back to NAILE this year. The past two years have demonstrated the importance of the livestock industry and how agriculture impacts all of our lives," said David S. Beck, president and CEO of Kentucky Venues.

Each year shoppers look forward to the North American Country Store, which takes place exclusively during NAILE. The North American Country Store features more than 200,000 square feet of exhibit space and 105 booths offering clothing, belt buckles, sweets, cowboy hats, arts and crafts, books, musical instruments, handcrafted furniture and jewelry.

All the latest products related to showing livestock are also available, including specialized vehicle trailers for transporting animals and various livestock gear. In addition to the shopping, the Children's Barnvard provides opportunities for guests to interact with rabbits, mini-horses, lambs, newly-hatched ducklings and other animals.

The country store is in the North Wing of the Kentucky Exposition Center and is open daily Nov. 6-10 and 14-17, 9 a.m.-6 p.m. There are extended hours Nov. 11-13 of 9 a.m.-8 p.m. The shops are open 9 a.m.-1 p.m. on Nov. 18.

The North American Championship Rodeo will be in Freedom Hall Nov. 11-13. From barrel racing to bull riding, cowboys and cowgirls will compete for the coveted first-place finish and cash prizes. Nov. 12 is "Tough Enough to Wear Pink Night" with a portion of ticket sales going to Horses and Hope, a breast cancer awareness organization.

Tickets are available online at www. ticketmaster.com/artist/834727?tm_ link=tm_header_search.

Interested guests can experience NAILE anywhere with livestream on select events free of charge. Footage will be broadcast by Show Barn Flix from locations throughout the Kentucky Exposition Center and include both judged competitions and sales. The broadcast schedule and livestream coverage will be posted on the NAILE website at //livestockexpo.org/events/ livestock-schedules.

NAILE admission is \$8 for adults and free for children five and under, and parking is \$10 daily. Passes are \$60 for the full event or \$35 for half event. Event passes include parking. North American Country Store shoppers and expo visitors receive free admission Nov. 9-10.

Per the COVID-19 Face Covering Policy for all executive branch buildings and offices due to COVID-19, a face covering must be worn by everyone in all indoor areas of the Kentucky Exposition Center.

For more information, including a schedule of events, visit www. livestockexpo.org. Follow along on Facebook at facebook.com/KYNAILE and Instagram at instagram.com/KY NAILE.



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Raspberry harvest smaller in Washington; heat blamed

late June record-breaking heat wave heat wave, this year's harvest was in the Pacific Northwest resulted in a significantly smaller raspberry harvest in northwest Washington.

The 2021 harvest numbers show Whatcom County farmers brought around 44.5 million pounds (20.2 million kilograms), according to the Washington Red Raspberry Commission.

That's down 30.2 percent compared to the 2020 harvest and down 40 percent compared to the peak year in 2018, The Bellingham Herald reported. The second-lowest total this century was 45.9 million pounds (20.1 million kilograms) in 2004.

The extreme heat turned many berries to mush. On June 28, temperatures in Lynden reached 106 degrees and it was hotter at berry farms east and north of Lynden.

Late June is typically when

BELLINGHAM, Wash. (AP) – The raspberry harvest begins. Before the looking like last year's, according to Henry Bierlink, executive director at the Washington Red Raspberry Commission.

Early picks amid the heat wave became juice-quality grades. Later, some farmers were able to pick berries that could be frozen.

Berry and other farmers with crop damage worked with federal lawmakers to secure some financial relief through the USDA's Farm Service Agency.

raspberry Whatcom County's production represents about 85 percent of what's grown in the U.S., according to the Whatcom Conservation District.

Intense heat waves and a historic drought in the American West reflect climate change that is making weather more extreme.





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FFA Conference

FROM PAGE 1

Throughout their year of service to the National FFA Organization, the officers will interact with business and industry leaders; thousands of FFA members and teachers; corporate sponsors; government and education officials; state FFA leaders; the public; and more. The team will lead personal growth and leadership training conferences for FFA members throughout the country and help set policies that will guide the future of FFA and the next generation of leaders.

Numerous awards are also bestowed on chapters and individuals during the three-day event. Some of those who won from the Farm World readership area are listed here. For a full list of winners visit www.ffa.org.

Justin Preece of the Urbana FFA Chapter in Ohio was among the winners of a 2021 Agricultural Proficiency Award. Agricultural Proficiency Awards honor FFA members who, through supervised agricultural experiences (SAEs), have developed specialized skills that they can apply toward their future careers. Students compete in areas ranging from agricultural communications to wildlife management. Proficiency awards are also recognized at local and state levels and provide recognition to members exploring and becoming established in agricultural career pathways.

Preece won for Agricultural Mechanics Repair and Maintenance. He became passionate about this supervised agricultural experience (SAE) area after driving his grandfather's John Deere 3020. He jumped at the chance for a job at his local Case IH dealer, even though they only needed someone to clean about the shop. After two months, however, he began detailing new and used farm equipment for the shop. Preece has

since advanced into assembling augers. He has accepted a full-time position as a lead technician for their Kubota line and certified welder.

Zoe Parrott of the Northmor FFA Chapter in Ohio was named in Sheep Production-Entrepreneurship. She watched her father raise sheep when she was a child and became inspired to follow in his footsteps. Her project consists of 24 ewes that are mainly Hampshire and Hamp crosses, three replacement ewe lambs, one Hamp cross ram, and one Hampshire cross ram. The Hamp cross ram was produced by Parrott using laparoscopic artificial insemination.

Robert Gray of the Western Brown FFA Chapter in Ohio won Turf Grass Management. He started his foray into lawn care when his grandmother needed help maintaining her property. He began mowing and weed-eating her yard every other weekend. His interest in the work grew until he started working as a lawn technician for a local company. His duties include mowing, weed-eating, blowing off surfaces, trimming, edging, spraying, and performing equipment cleaning and maintenance.

Eli Patrick of the Covington FFA Chapter in Tennessee placed in Vegetable Production. He has a threeacre vegetable production farm where he produces a large variety of vegetables, including sweet corn, yellow squash, purple hull peas, bell peppers, habanero peppers, cayenne peppers, okra, cucumbers, zucchini, sweet potatoes and much more. He sells his produce to wholesalers, produce stands, neighbors, and keeps some for personal use. He plans to take over the family farm after earning a degree in plant and soil science.

Addy Stuever Battel of the Cass City FFA Chapter in Michigan was awarded Service-Learning. She was 12 years old when her hometown lost its only grocery

store, becoming a food desert. As a farm kid, she realized that while her freezer was full of meat, others were not as fortunate. She recruited three of her friends from FFA to raise 50 broiler chickens and a pig for a local food pantry. More than six years later, her organization, "Meating the Need for Our Village" is a nationally recognized hunger relief nonprofit with a \$62,611 impact on the community.

The 94th National FFA Convention & Expo also featured the first ever onsite National Days of Service event, which included two projects for attendees to participate in.

Members had the opportunity to build and paint 100 Little Free Pantries which resemble tiny houses and were filled with donated non-perishable food items and hygiene products. These will be placed around Indianapolis. In addition, convention attendees could write cards to go in meal boxes for Meals on Wheels of Central Indiana.

"Historically, we host National Days of Service out in the community, but because of the lingering effects of COVID-19, we have decided to move the service project indoors," said Michelle

Sullivan, senior manager of local Engagement for FFA. "It's the first time we've ever done it and we're really excited to see what the outcome is going to be this year."

Sullivan says addressing hunger is one of the challenges FFA is uniquely qualified to tackle.

"Hunger is a hidden need, and it happens everywhere," Sullivan says. "Our organization consists of members who are ready to tackle big challenges. In an effort to help fight food insecurity, we are going to be placing these pantries in and around Indianapolis."

"The cards for Meals on Wheels provide an opportunity for everyone attending convention to make an impact on the Indianapolis community," Sullivan says.

Breanna Thompson, a junior from Warsaw FFA in Warsaw, Ind., says the Little Free Pantries, though little, will have big impact.

"It shows FFA members all the opportunities they have to help their community and make an impact, even if it's just something small like this making a food pantry box to put around your own hometown or state," Thompson says.







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Purdue Vet

From Page 2

dents, there will be some learning spaces. We're working to make it what we call a smart hospital so that students can observe things on screens and those types of things. They can visualize what the surgeons are doing, for example."

The university will be hiring credentialed technicians in every area of the hospital, she said.

Lowery said she hopes the new facilities will help with the current shortage of veterinarians in many areas of the region and the country.

"The profession is really working right now to address the potential shortage (of veterinarians)," she explained. "The

hope is we'll be able to accommodate more students and we can, I guess, build that pipeline for the profession so we can add more to the profession."

More veterinarians are needed in part because the level of care given to small pets and companion animals by their owners has significantly changed, Lowery said.

"If you look at a decade, a couple of decades ago, even companion animals were often backyard pets and farm pets or those types of pets. Now, they've kind of gone from the backyard to the house to the sleep-in-the-bed dog. So they're a part of the family. The human-animal bond is so strong, it's so beneficial to us as a society. I think people are just investing more in their family members."



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Above: A drawing of the separate emergency entrance (on the left) in the new small animal hospital at Purdue University. (Rendering provided by Purdue University).

Left: A drawing showing the new equine hospital at Purdue University from the farm animal hospital. (Rendering provided by Purdue University).

Below: An architect's drawing of the new David and Bonnie Brunner Purdue Veterinary Medical Hospital Complex at Purdue University. The new farm animal hospital is in the foreground, with the equine facility and the small animal facility (an addition to the existing small animal hospital) in the background. (Rendering provided by Purdue University).



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ndiana	a Aglime Quality	Report 2021-3	022	()	ve Ana Iesh Si	ze)	7	~	7	R	
County	Producer Member US AGGREGATES	Contact Kari Revnolds (765) 220-5579	Sample	Pero #8	cent Pa #60	ssing #100	NV%	Ca%	Mg%	RNV%	
	Linn Grove - Bluffton, IN US Aggregates	kari.reynolds@usagg.com Kari Reynolds (765) 220-5579		80	27	23	101.7	21.2	11.3	54.1	
	Pleasant Mills - Decatur, IN	kari.reynolds@usagg.com		90	31	25	106.6	21.7	12.4	64.2	
Allen	HANSON AGGREGATES MIDWEST Ardmore Quarry - Fort Wayne, IN	Kevin Cross (260) 615-3247 kevin.cross@lehighhanson.com		99	83	73	101.4	21.6	11.4	92.3	
	STONE-STREET QUARRIES, INC. Poe Quarry - Hoagland, IN	Phill Dilley (260) 639-6511 pdilley@stonestreetquarries.com		99	95	81	94.4	20.9	10.4	91.9	
	US AGGREGATES Columbus - Columbus, IN	Jordan Holt (317) 538-8467 jordan.holt@usagg.com		90	34	29	97.2	26.1	7.3	60.2	
Carroll	US AGGREGATES Delphi Plant - Delphi, IN	Ross Larimore (765) 413-7779 rlarimore@usagg.com		97	32	23	100.5	21.6	11.4	64.8	
Cass	ENGINEERING AGGREGATES CORP.	Darin Oliver (574) 753-5506	Sample A	95	49	44	90.4	25.8	6.1	65.4	
Clark	Logansport Plant - Logansport, IN MULZER CRUSHED STONE, INC.	darino@engagg.com Greg Hagedorn (812) 430-2516	Sample B Sample A	95 89	39 32	35 27	97.7 97.6	22.1 21.4	9.7 10.3	65.5 59.1	
	Charlestown Plant - Charlestown, IN	greg.hagedorn@mulzer.com	Sample B	86	33	27	101.2	23.4	9.8	60.2	
	MULZER CRUSHED STONE, INC. Cape Sandy Quarry - Leavenworth, IN	Greg Hagedorn (812) 430-2516 greg.hagedorn@mulzer.com		99	38	31	95.7	33.2	2.6	65.7	
	MULZER CRUSHED STONE, INC. Temple Quarry - English, IN	Greg Hagedorn (812) 430-2516 greg.hagedorn@mulzer.com		93	28	22	91.4	32.1	3.0	55.4	
	MULZER CRUSHED STONE, INC. Tower Quarry - Leavenworth, IN	Greg Hagedorn (812) 430-2516 greg.hagedorn@mulzer.com		96	33	25	97.2	33.5	2.7	63.1	
Decatur	NEW POINT STONE COMPANY Harris City Quarry - Greensburg, IN	Jeff Wanstrath (812) 663-2021 jeffw@newpointstone.com		93	40	33	93.4	29.9	4.1	62.2	
	NEW POINT STONE COMPANY New Point Quarry - New Point, IN	Jeff Wanstrath (812) 663-2021 jeffw@newpointstone.com		97	41	35	92.0	28.2	4.5	63.8	
	NEW POINT STONE COMPANY	Jeff Wanstrath (812) 663-2021	Sample A	97	43	36	92.6	21.1	9.5	64.9	
Grant	Derbyshire Quarry - Laurel, IN IRVING MATERIALS, INC.	jeffw@newpointstone.com Mike Gross (765) 661-0312	Sample B	90	32	26	92.9	24.9	6.8	56.8	
	Pipe Creek Jr Swayzee, IN IRVING MATERIALS, INC.	mike.gross@irvmat.com Mike Gross (765) 661-0312		96	35	27	97.1	36.8	0.9	63.7	
	Stony Creek - Noblesville, IN	mike.gross@irvmat.com		97	35	29	90.7	30.3	2.7	60.1	4. 25
		Greg Hagedorn (812) 430-2516 greg.hagedorn@mulzer.com		93	36	30	96.4	28.7	5.3	62.2	
	MARTIN MARIETTA Kokomo Plant - Kokomo, IN	Brent Leininger (765) 459-3194 brent.leininger@martinmarietta.com		97	35	30	87.5	32.0	1.8	58.0	P. J
Huntington	IRVING MATERIALS, INC. Huntington Plant - Huntington, IN	Mike Gross (765) 661-0312 mike.gross@irvmat.com		96	37	29	103.9	21.5	11.8	68.8	
Jay	US AGGREGATES Portland Plant - Portland, IN	Kari Reynolds (765) 220-5579 kari.reynolds@usagg.com		100	100	97	107.6	21.7	12.7	107.5	
Lake	BEEMSTERBOER AGGREGATES South Shore Plant - Gary, IN	Rich Droske (219) 746-8215 richard.d@beemcompanies.com		72	18	13	105.5	28.8	5.5	47.6	1
	PHOENIX SERVICES, LLC Port of Indiana - Portage, IN	Paul Overton (219) 787-0010 paul.overton@phoenix-services.com		79	20	13	95.0	27.7	6.1	46.9	1
	SOUTH LAKE STONE Hebron Plant - Hebron, IN	Derrick Norris (734) 255-6526 derrick.norris@southlakestone.com		100	45	36	97.1	20.7	10.8	70.0	14
	US Aggregates	John Masterson (317) 771-8599	Sample A	91	24	19	106.8	21.7	12.5	61.5	16
Lawrence	Lowell Plant - Lowell, IN ROGERS GROUP, INC.	jmasterson@usagg.com Brent Baker (812) 345-5271	Sample B	69	23	19	100.5	21.2	11.2	46.0	
	Mitchell Crushed Stone - Mitchell, IN	brent.baker@rogersgroupinc.com	Sample A	85	32 30	26 24	95.4 94.9	36.0	1.5	55.9 52.5	11
	Rogers Group, Inc. Sieboldt Quarry - Springville, IN	Brent Baker (812) 345-5271 brent.baker@rogersgroupinc.com	Sample A Sample B	100	92	78	94.9 92.7	35.2	1.2	52.5 89.0	. 1
	US AGGREGATES Springville - Springville, IN	Jordan Holt (317) 538-8467 jordan.holt@usagg.com		98	43	37	97.9	29.2	5.0	68.6	1
	L&L BULK MATERIALS Kentucky Ave Indianapolis, IN	Dawn or Joe Littleton (317) 889-1717 Dawn@llbulktrans.com Joe@little-ton.com		92	56	52	79.6	19.9	7.4	58.8	-
	LEHIGH HANSON NORTH REGION Harding Street Quarry - Indianapolis, IN	Don Roadruck (317) 491-0681 don.roadruck@hanson.com	Sample A Sample B	96 82	44 31	38 26	92.7 94.5	28.0 36.7	4.5 0.5	65.0 53.4	
Miami	HANSON AGGREGATES MIDWEST LLC	Cliff Lingerfelt (317) 473-1028		92	30	26	96.4	22.7	8.9	58.5	
Monroe	Milner Quarry - Peru, IN Rogers Group, Inc.	clingerfeldt@lehighhanson.com Chris Hill (812) 320-5104		100	52	26	97.9	37.8	0.4	74.2	
	Bloomington Plant - Bloomington, IN EDW. C. LEVY CO.	chris.hill@rogersgroupinc.com Wayne Goeman (219) 689-1955		97	34	19	109.1	34.3	2.6	71.8	1
	Whitesville Mill Service - Crawfordsville, IN Rogers Group, Inc.	wgoeman@edwclevy.net Josh Trader (765) 202-1239	Sample A	97	24	19	103.6	21.2	12.0	59.6	1
	Newton County Stone - Kentland, IN	josh.trader@rogersgroupinc.com	Sample B	93	26	20	102.5	21.1	11.8	61.0	
	PHOENIX SERVICES, LLC Port of Indiana - Portage, IN	Paul Overton (219) 787-0010 paul.overton@phoenix-services.com	Sample A Sample B	83 100	25 100	17 100	96.0 90.9	29.8 28.8	4.9	51.5 90.9	
	HANSON MATERIAL SERVICE		Sample C Sample A	88 89	44 9	38 4	94.8 104.5	29.4 21.5	4.9 12.2	62.4 51.0	
	Francesville Quarry - Francesville, IN	Scott Malpasuto (765) 822-0254 scott.malpasuto@lehighhanson.com	Sample B	84	19	15	105.4	21.5	12.3	54.3	1
	US AGGREGATES Francesville Plant - Francesville, IN	John Masterson (317) 771-8599 jmasterson@usagg.com	Sample A Sample B	69 91	20 28	16 21	106.4 103.5	21.7 21.4	12.6 12.3	47.0 61.6	
	HANSON AGGREGATES MIDWEST LLC Putnamville Quarry - Cloverdale, IN	Cliff Lingerfelt (317) 473-1028 clingerfeldt@lehighhanson.com		96	36	30	94.6	35.5	1.1	62.5	
	MARTIN MARIETTA Cloverdale Quarry - Cloverdale, IN	Brent Leininger (765) 459-3194 brent.leininger@martinmarietta.com		100	39	33	91.6	32.7	2.0	63.5	
	US AGGREGATES	Jordan Holt (317) 538-8467	Sample A	86	32	28	93.1	28.5	5.1	55.0	
	243 Quarry - Cloverdale, IN US Aggregates	jordan.holt@usagg.com Kari Reynolds (765) 220-5579	Sample B	100	58	38	95.0	37.6	0.2	75.0	
	Ridgeville Plant - Ridgeville, IN HANSON AGGREGATES	kari.reynolds@usagg.com Gary Huffman (812) 525-5172		86	27	22	105.8	21.6	12.0	59.3	
	Versailles Plant - Versailles, IN	gary.huffman@lehighhanson.com	Comple A	79	29	25	99.2	22.8	9.5	53.3	
	New POINT STONE COMPANY Napoleon Plant - Napoleon, IN	Steve Wanstrath (812) 852-4225 stevew@newpointstone.com	Sample A Sample B	99 100	46 47	40 36	91.2 95.0	33.0 35.3	1.5 0.7	66.1 69.6	-
	RUSH COUNTY STONE CO., INC. Milroy Plant - Milroy, IN	Mike Malinoff (513) 260-7831 mike.malinoff@jrjnet.com	Sample A Sample B	73 76	27 31	23 28	95.3 102.9	27.1 23.4	6.3 10.0	47.3 55.4	
Scott	HANSON AGGREGATES Scott County Quarry - Lexington, IN	Gary Huffman (812) 525-5172 gary.huffman@lehighhanson.com		95	38	33	96.3	31.1	3.3	63.7	
Shelby	NEW POINT STONE COMPANY	Jeff Wanstrath (812) 663-2021	Sample A	93	37	32	105.1	23.2	10.5	68.2	
	St. Paul Plant - St. Paul, IN US Aggregates	jeffw@newpointstone.com Jordan Holt (317) 538-8467	Sample B	97	34	28	91.7	31.2	2.9	59.9	
	Flat Rock - Flat Rock, IN West Plains Mining, LLC	jordan.holt@usagg.com Kate Draper (260) 571-7054		70	22	18	96.5	32.9	2.4	44.4	
	Kentner Creek Quarry - Wabash, IN BARRETT PAVING MATERIALS, INC.	kate.draper@westplainsmining.com Mark Comer (937) 424-9111	Samola	94 100	28 47	24 37	96.4 104.4	32.6 25.8	2.1 8.6	59.0 76.7	
	Richmond Plant - Richmond, IN	mcomer@barrettpaving.com	Sample A Sample B	100	47	37 100	104.4	25.8 26.2	8.6	104.9	
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	LEHIGH HANSON, INC. Thornton Quarry—Thornton, IL	Scott Malpasuto (765) 822-0254 scott.malpasuto@lehighhanson.com		82	26	21	106.0	21.4	12.4	57.0	
	PHOENIX SERVICES, LLC North American Stainless - Ghent, KY	Paul Overton (219) 787-0010 paul.overton@phoenix-services.com		100	52	42	110.5	35.9	5.1	84.0	
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Based on a conservative application of 200N, 100P and 100K, \$225.83 per acre -July 2021 average pricing provided by DTN Progressive Farmer (dtnpf.com)

Some say they're nuts, but harvesting black walnuts is cash for this farm family

By Doug Graves Ohio Correspondent

EATON, Ohio – While farmers in and around Preble County are harvesting corn and soybeans, one local farm is bringing in a unique kind of harvest. Two miles northeast of Eaton you will find the Price family buying black walnuts this time of year.

The Price family (B.J., wife Cathy, and sons Jimmy, Sammy and Johnny) began buying nuts nine years ago and has been at it ever since. They work for the Hammons Products Co., of Stockton, Mo.

"It was 2012 and I remember contacting the Hammons about purchasing walnuts for them," said B.J., who is also the Preble County district administrator and technician at the county Soil and Water Conservation District. "In 1988, my father bought walnuts for a company, but a year later that company went out of business. We didn't do anything more involving walnuts until 2012."

The black walnut is not exactly a favorite of many. They're actually a hassle to homeowners who have to pick them up to avoid running them over with a lawnmower or tripping on them. The nuts are usually discarded in the trash or dumped in the woods. But surprisingly, there is a market for them. Some homeowners make the effort to pick them up and deliver them to the Price family.

The nuts can be transported to the Prices in buckets, bags, 55-gallon drums or any container than can be easily dumped out. The nuts are run through a huller that knocks the green shucks off the shell. Customers are paid by the weight of the in-shell nuts after hulling. Nuts get bagged up in approximately 40-50 pounds bags, which are then stacked on pallets and left to air-dry, awaiting shipment to Missouri later in the season.

The harvest season generally runs the entire month of October. The Price family will purchase any quantity ranging from a few buckets to a trailer full. They will take nuts each Saturday afternoon or weekdays by appointment only.

As it turns out, the 2021 harvest season for walnuts is doing quite well.

"There is no typical year," B.J. said. "We might not buy enough to fill a semi-trailer or we might buy three semi-trailer loads. It all depends, though we're learning that even-numbered years are typically poorer years in terms of total pounds, while odd-numbered years are really good."

According to Price, in 2017 he and his family purchased 147,000 pounds of nuts for Hammons. The following year the family took in just 30,000 pounds of walnuts.

Roughly six miles away in West Alexandria, Ohio, Bob Lewis has five walnut trees on the border of his farm. He harvests them himself, using the meat of the black walnut in cakes, brownies and salads.

"B.J. is right, this has been a good year," said Lewis, who was busy rinsing some hulled nuts. "It's best to hull the nuts when they're green and right off the tree. I simply use a knife and cut around the nut once then twist the green shell off. I rinse the nuts, and anything that floats is discarded because there's no meat inside. I dry mine in chicken wire on my garage floor. The wire keeps the squirrels from getting to them. I let them dry about three weeks before taking a hammer to them. It's a lot of work, but well worth it in the end."

Both men agree, the drying process is very important to keep them from becoming moldy. "As long as you can get good airflow, you'll be OK," Price said. "The more airflow the better. Some people put them in the garage, some put them on a roof of their house.

"Some folks come out just to see how the operation works. In reality, a pickup truck load of walnuts may be worth up to \$125 if it is loaded full."

For more information about selling walnuts to the Price family, contact them at 937-456-4803.



Above: Walnut gurus advise hulling the nuts soon after they fall from the tree. Hulling can be done in a variety of ways, but all suggest using rubber gloves to avoid stains to the hands. (Doug Graves photo)







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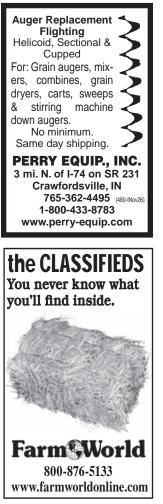
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Ag student wins 'America's **Best Bagger' contest** By Doug Schmitz **Iowa Correspondent** AMES, Iowa - An Iowa State University sophomore majoring in agricultural

business won the title of 'America's Best Bagger' at the National Grocers Association's 35th Annual Best Bagger Championship recently held at the Paris Hotel and Casino in Las Vegas.

Ben Miller, 20, a Grimes, Iowa, native, and part-time produce clerk at the Waukee (Iowa) Hy-Vee Food Store, defeated 10 other state contestants, taking home the \$10,000 grand prize Sept. 20. Justin Kizilos, from Minnesota's Kowalski's Market, came in second place, winning a \$5,000 cash prize.

Sponsored by PepsiCo, the competition began with two preliminary rounds, and ended with a battle between five finalists, which included Miller, and Morgan Spears from Kentucky (K-VAT Food Stores, Inc.).

"My name was the last one called, and I didn't know if I was going to make it," Miller said. "But my favorite part of the event was the final round. I was super zoned in."

Miller began working at the Waukee HyVee as a sophomore in Dallas Center-Grimes High School. Since then, he has worked in many different departments, and his work ethic has not gone unnoticed by his supervisors.

Prior to the championship, a manager had approached him about representing HyVee, Inc. at a corporate-level bagging contest. He agreed and secured the top spot, qualifying him for the state level competition, winning first place at the Iowa Grocery Industry Association's Best Bagger Contest held Aug. 13 at the 2021 Iowa State Fair.

At the national competition in Las Vegas, contestants stood behind checkout stands scattered with items from a typical shopping list, such as fresh produce, canned goods, bags of chips and various drinks.

The goal was to bag the items as quickly as possible. Finishing in under 53 seconds earned competitors 10 points, and single-point reductions were made every three seconds to follow. Miller clocked in at 44 seconds, but speed was not the only factor to be considered.

In addition, he received points on bagging style, putting cans and boxes on the bottom, and placing eggs and bread on top. Weight distribution of the groceries was also measured, and the difference between the heaviest bag and lightest bag were deducted from his score.

The last component of the competition was a brief on-stage interview. Contestants had to answer questions and demonstrate good customer service to the emcee, and they earned points for displaying friendliness and personality. Miller said working at a grocery store has helped him sharpen these skills, and he will be applying them to his college experience and beyond.



"The way I talk to people is one thing that has improved," he said. "When I first started working, I couldn't talk to anyone, or I'd stumble on my words. I've learned to speak with greater confidence."

Best Bagger Champion-The ship dates back to 1987. "Each year during the National Grocers Association Show, we host the Best Bagger Championship, a unique event that highlights the important customer service skill of bagging in a fun atmosphere, with friends and family of the baggers joining to cheer on these supermarket superheroes," said Greg Ferrara, the association's president and CEO.

He said this year's event was livestreamed on the association's Facebook page for those who weren't able to attend.

"Over the past year, America's grocers have been on the front lines, continuing to serve their communities," he said. "I see this event not only as a celebration of our baggers, but our entire industry. I congratulate Ben Miller and look forward to seeing another group of baggers compete during the 2022 National Grocers Association Show at Caesar's Forum in just a few months."

After Miller returned to Iowa with the championship title, he said he plans to put his prize money toward his tuition. As an agricultural business major, he added he is interested in finance and accounting, and looks forward to the opportunities available to him upon graduation in 2024.

He said he can see himself working for a company in the agricultural industry, although there are many jobs in other environments he could pursue. "What's so wonderful about having a degree in ag business is that it can go beyond just corporate agriculture," he said. "The main thing I love about my major is that it can be so diverse."





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Above: The Illinois Soybean Association checkoff program distributed free breakfasts and information about biodiesel at four Illinois grain elevators Oct. 19-22. Pictured at the Roanoke Farmers Association elevator on Oct. 21 (I-r) are ISA representatives Claire Weinzierl, Bryanna Sentel and Heather Atkinson. (ISA photo)

Illinois Soy makes stops at elevators to talk biodiesel

By Tim Alexander Illinois Correspondent

ROANOKE, Ill. - Illinois Soybean Association's (ISA) checkoff program communications manager, Claire Weinzierl, led a weeklong road trip to dispel fallacies about biodiesel and dispense free, hot breakfasts to farmers. The harvest-time road trip included stops at four Illinois grain elevators: Roanoke Farmers Coop, Central Grain Company in Belvidere, Premier Cooperative in Thomasboro and M&M Service Company in Litchfield.

Delayed from earlier this month due to rainy weather until Oct. 19-22, the event was organized by ISA leaders with the goal of encouraging farmers to overcome preconceived notions about biodiesel. Those misconceptions include quality and equipment integration challenges, although B20 and lower blends can be considered a "drop-in" replacement for petroleum diesel and can fuel any diesel vehicle without modifications, according to the ISA.

"The whole idea behind the events is to not only serve farmers a hot breakfast and coffee, but to promote the on-farm use of biodiesel that they're growing right here in Illinois," Weinzierl said. "We gauged how many farmers and in what regions are using biodiesel already, and if not, addressing some of the issues that are preventing them from doing so."

The complimentary breakfast included a breakfast burrito or sandwich, coffee, packaged soy-based snack and informational material about the benefits of biodiesel. Weinzierl and her team utilized the time spent with the farmers over breakfast at the elevators to gauge their perceptions of biodiesel and the benefits of making the switch from petroleum diesel. "The events garnered some really good information regarding biodiesel usage around the state to help us focus our efforts more effectively," she said. "I also think farmers were really pleased to see the soybean checkoff bringing them a hot breakfast and appreciating them for all their hard work this harvest." ISA District 10 director and board secretary Elliott Uphoff fuels up his semi trucks with B20 and powers his farming equipment with B11 - including farm trucks he has powered with B11 yearround for the past two years. Uphoff reported consistent fuel mileage with "no issues" resulting from year-round use of the lower blend.

operation. I never think twice about using biodiesel. It's safe and proven on our farm. Farmers should be champions of a product they help produce," Uphoff said in a recent ISA news release.

"Biodiesel is a win for Illinois farmers," added Andrew Larson, ISA director of market development. "Not only does it reduce each farm's carbon footprint, but it's using a product that supports their bottom line. Using B20 biodiesel blends and above add more than 10 percent to the price of soybeans. The quality of biodiesel today is also better than ever. B20 can be used in diesel engines with little or no modifications, and with proper fuel management just like with any diesel fuel."

ISA has developed farmer-facing biodiesel resources available online at www. ilsoy.org/farmer-resources-biodiesel.



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Polinators topic of conversation as farmers and beekeepers work to find common ground

By Celeste Baumgartner Ohio Correspondent

OXFORD, Ohio - Polintators were the topic of a rcent panel discussion. Much of the talk centered on finding common ground between farmers and beekeepers. The dialogue was presented by Lane Public Library with funding from an American Library Association (ALA) grant.

A mixed bag of stakeholders took part, including Alex Zomchek, apiculturist and Miami University's (MU) master beekeeper; Ray Arlinghaus, retired Procter & Gamble director and former owner of Lori Ridge Farm; Meredith May, author of The Honey Bus; Greg Meyer, Warren County OSU Extension educator; Armando Cabrera, MU head apiculturist, and a student.

Sarah Gifford, reference librarian, Oxford Lane Public Library, was the facilitator.

There is a lot of credible data, not just anecdotal, saving that farming has an impact on all pollinators, Zomchek said in response to a question from Gifford. But honeybees also have problems that are not related to farming. Honeybees are the "canary in the coal mine," he said. They are in trouble but so are other pollinators.

"Honeybees are in that sweet spot; we know about them, we raise them and study them. Other pollinator specialists are envious and we feel guilty that we get all of the attention," he said.

Gifford then mentioned native bees, some ask why we should be concerned about honeybees, not a native species.

Why not encourage more native bees? Native bees are not around in the

numbers or at the time needed to pollinate fruit trees, Arlinghaus said. Between April and mid-May, he needed "a massive pollination crew" of four to six strong honeybee hives in his orchard.

"We would not have gotten a full crop without honeybees," he said.

Next, the conversation drifted to California. May's home state. She is a fifth-generation beekeeper, taught by her grandfather. She mentioned how many beehives are brought to the state each spring to pollinate the almond crop.

Zomchek said around 25 million hives are shipped to California each spring for the almond migration. They travel through many states and that's an easy way to spread disease.

Meyer, who manages the popular Southwestern Ohio Beekeeper School, commented that each county should have a bee inspector, and hives need to be inspected regularly to keep a check on diseases.

Farmers are required to inform beekeepers in the area when they intend to spray, he said. The beekeeper can then restrict the bees to the hive temporarily. But if the hive is not registered the farmer may not be able to find the owner. Hives need to have contact information on them.

Have farming methods improved concerning pollinators? Gifford asked Meyer his thoughts.

"We cannot feed the world organically or without GMOs," he said. "Corn and soybeans are not going away.

Farmers use less pesticide now than they did previously."

More development will improve that even further. Pesticides are expensive; science will aid the pollinators. Gifford asked how realistic it is not to use pesticides and fungicides.

You can't farm without fungicides in the Ohio Valley, Arlinghaus said. "We depend on the farming community for food and we are a spoiled society - we expect t to be perfect."

Tongue-in-cheek, Meyer added, "We are the home of the Buckeyes and every disease and insect known to man."

Gifford asked Cabrera how he thought his generation would address some of the issues discussed during the meeting. He thought his generation would feel strongly about protecting the land and conserving resources. "We need to preserve," he said.

May described her need to preserve the art of beekeeping in her book. She grew up with her grandfather, who taught her about bees. She went to college and began her award-winning career at the San Francisco Chronicle with no bees in her life. She missed it. After a year of negotiations with her bosses, she put two hives on the roof of the Chronicle building. Her grandfather died in 2015.

"I continued to bee-keep at the Chronicle because it keeps me close to his spirit and honors him, and I love it. In 2015 I left the paper and took the hives with me," she said.

The ALA invites libraries in small and rural communities to apply for grant funding to help them address issues of concern in their communities.



Above: Meredith May's grandfather taught her about bees. She became an award-winning journalist at the San Francisco Chronicle. After a year of negotiations, she persuaded her bosses to allow her to put two hives on the roof of the Chronicle building. Her book, The Honey Bus, tells that story.



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Potts Meats provides locally grown, locally packed meats

By Terence Corrigan Tennessee Correspondent

WARTRACE, Tenn. – There's been a meat processing business at the Potts family farm in Wartrace for nearly half a century. The company is owned and operated nowadays by Chad Grubbs and his wife, Pepper. Their son, 22-year-old Heath, is also an integral part of the family operation. "Heath started cutting meat with me when he was 15," Chad said.

Potts Meats currently employs 11, including the family members. Chad is the 4th generation of the Potts family to run the meat business.

Chad's great-grandfather moved to Bedford County in the early 1950s from his place on Pickle Road in Pleasant Grove. Three generations of the family (Chad's great-grandfather, grandfather and dad) jointly opened a meat processing business in the early 1970s.

After the sudden death of Chad's father in the late 1970s, the family leased out the business, but the family took back the reins in 1990. For the next 20 years the family processed game. Chad and his wife purchased the company in 2000 and started processing beef again in 2010.

Until 2017, Chad and his wife continued with game processing and custom beef processing. Custom processing is when people purchase a live cow and pay the processor to slaughter and butcher the meat.

When Heath started to show an interest in the family business, they decided it was time to get licensed (called a Grant of Inspection) by the USDA to sell meat to retailers and the public.

Getting licensed by the USDA "... was tough. We took it slow," Chad said. The process took two years. They were licensed in August 2019. In preparing for licensure, Chad took food safety classes at Penn State University and worked at a USDAlicensed plant for a while "to see how it worked."

As part of their preparation for the change in the business, Chad enlisted the help of Bedford County Extension Agent John Teague and Wartrace veterinarian Robert "Bobbie" West to design the holding areas to smooth the movement of cattle.

still do some custom They processing but now they have formed a cooperative with a few select local growers. They are processing beef, pork and lamb. They also produce their own cakes, jams, jellies, sauces and seasonings (Chad's BBQ & Rib Rub and Pepper's Fajita Seasoning). They sell their meats to several area restaurants and at a few retail locations, including their own retail shop at 320 Potts Road in Wartrace, where you can buy a few steaks or some ground beef. Chad and Pepper are focused on building their business to serve their local community: Bedford County. They see their emphasis on local as an economic development program that will benefit the whole county. "Local beef for local consumers," is how Chad puts it. "Our goal," Chad said, "is to purchase more beef from local growers so they can expand and grow their companies." Chad wants Bedford County to become a beef exporter. "Instead of our money going away we'll draw in money," he said. As they built their company, Chad



Above: Chad Grubbs stands with some of his crew at his meat processing facility in Wartrace, Tenn.

and Pepper's first goal was to develop business relationships with the best livestock growers around. "We looked for people who were bringing in consistently good meats. Those are the people we approached about supplying us," Chad said.

Potts' Meats is bucking the practices of the normal national market.

In the usual way of doing things, Bedford County growers who run cow/calf operations sell their calves to someone who is stocking feedlots in Texas, Nebraska or Kansas. The cattle are trucked to the feedlots for finishing, then processed and packed and the beef is trucked back to Tennessee's grocery stores. "The economic and environmental impact is huge," Chad said. "Also, in the normal supply chain," Chad explained, "the beef is packaged three or four times. When it goes through us it gets packaged once. We tell people the longest trip these cattle are going to take is when you take it home."

Yet even after all those thousands of miles in trucks, and after the wholesalers and packers and retailers all make money, how can the prices be so low in the chain grocery stores? "They sell hamburger meat for \$2.30 a pound," Chad said. "Beef standing in the field is almost worth that much. How can that happen?"

That happens, Chad said, because in the normal market, the big packers benefit from grants and other subsidies funded with tax dollars. Those tax-dollar-funded programs are approved, Chad said, by politicians who are heavily invested in beef. "If we want agriculture to continue here in Bedford County it's going to take the support of the 50,000 people who live here," Chad said. "If people here want to be able to go to the farms and have a farm experience, drive through the countryside and see farmland, the key to it all is in the hands of the consumer."

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methods vital to Growing giant pumpkins; seed variety just as key

By Doug Graves Ohio Correspondent

CIRCLEVILLE, Ohio - As crews wrapped the straps and ropes that dangled from a backhoe around his monstrous pumpkin he had trailered in, Steven Thornhill paced continuously. He rubbed his hands together and constantly removed his ball cap and fkin weighed in at 1,850.5 pounds, finishing first ahead of the rest of the big pumpkin hopefuls. Thornhill's long, tedious, five-month ordeal of growing pumpkins have finally come to a rewarding end.

"I'm relieved," Thornhill said with a laugh. "I can breathe again."

Thornhill grew one that weighed 1,178 pounds last season. Second this year went to John Pritchard, a 51-year-old attorney from Groveport. Ohio. Pritchard's pumpkin tipped the scale at 1,620 pounds. Third went to Daryl Crosby at 1,448 pounds.

Surprisingly, not finishing in the top three was Dr. Bob Liggett, of Pickaway County. Liggett, 82, has won this event 14 times since the pumpkin show got its start in October 1903. Liggett had won this event the past two seasons and captured this title six straight years (from 2007-2012). Liggett holds the show record for the heaviest pumpkin, that being 1,964 pounds in 2014.

The world record for a pumpkin was set last year in Germany at 2,624.6 pounds. Is there secret to this growing madness? Indeed there is.

Liggett, a retired optometrist, for example, credits his success to great soil in Pickaway County. "I live just four miles south of town and my soil is some of the best anywhere," he said. "It's sandy loam soil and it drains well."

Liggett starts planting on May 1 and grows three pumpkins in enriched soil mixed with alpaca manure on 900-square-feet of space. He uses a snow fence and within that fence is uses 18-inch chicken wire. He covers the pumpkin patch with a tent-like structure of 50 percent silver shade cloth. The cloth, he said, repels aphids. He also makes use of a watering system with a timer. Add to that a few grandkids who offer to pull weeds and you have a system for success.

But what about the seed? Are there genetics involved with the seeds of these gigantic gourds?

"Yes, the seed itself matters," Liggett said. "If you look at the top 10 largest pumpkins of all time today there will be three of them from a particular variety of seed. A lot of pumpkins have the same genetics because they're made available all over the world. And, people bid on pumpkin seeds, oftentimes bidding up to \$100 per single seed. These seeds normally come from pumpkins weighing up to 2,000 pounds." Growers are often online at www. bigpumpkin.com to research and share growing ideas and techniques. The site will also list specific varieties of seeds that produce the largest pumpkins. Growers of pumpkins in excess of 1,500 pounds often package and sell their seeds, normally a threepack for about \$40. "Many clubs will raise money by selling seeds from large pumpkins," Liggett said. Jonna Jenkins, of Kingston, Ohio had two pumpkins at this year's show. It was her fifth year competing for top honors, though her two gourds didn't make the top five.



Above: No, Dr. Bob Liggett did not cap ture his 15th pumpkin show title, but it was definitely in the running as he is every year. "Seeds are as important as the growing techniques," Liggett confesses. (Doug Graves photo)



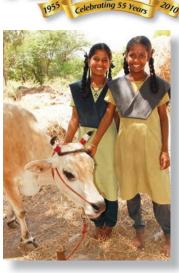
Above: Six crew members and a crane operator are required to weigh the giant pumpkins at the annual Circleville Pumpkin Show. (Doug Graves photo)

Jenkins said. "The seeds from my pumpkins this year were grown using the seeds from my pumpkin of 2019, which weighed 686 pounds. But one also has to realize that the growing method is key, too. There are a lot of variables and tricks to all this. Some methods and tricks you share with others, some you don't."

Pickup trucks with massive fruit in tow (including those of Liggett, Jenkins and others), lined up for several blocks prior to daybreak. All vehicles were facing the center of this central Ohio city. Show organizers did their pre-weigh-in estimates

of the pack. The weigh-in process took nearly four hours.

Liggett, who just retired from his optometrist duties just this year, will have more time on his hands to cultivate another enormous pumpkin. "I've had so much fun doing this I'm gonna keep on going," Liggett said.



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Wheat, energy prices may impact the cost of a French baguette

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wheat is alarming French households who fear a possible rise in the price of the prized baguette, seen by many as a barometer of the country's economic health.

Many boulangeries around France are putting up signs, warning customers that the long, crunchy staple could be going up in price by 3 to 5 centimes (4 to 6 cents), from its average of about 89 centimes (just over \$1).

"Although that might not seem like a lot, it's a huge increase. The baguette is precious. It has only gone up 23 centimes in the last 20 years," said Dominique Anract, president of the French Confederation of Bakeries and Pastry Shops.

The bread industry crunch has been linked to a 30 percent worldwide increase since September in the price of wheat - one of the baguette's key ingredients - after bad harvests in

PARIS (AP) – A hike in the cost of Russia, Anract said. Rising energy prices that are making ovens more expensive to operate are also a factor, Anract and other experts said, with businesses and consumers worldwide already feeling the heat of higher prices from supply chain and labor constraints.

> prices Energy affecting are the Italian food chain, too, with expectations they will push up the cost of drying grains. That could eventually raise the price of bread and pasta at supermarkets, but meat and dairy aisles are even more vulnerable as beef and dairy farmers are forced to pay more for grain to feed their animals and pass the cost along to customers.

> France's 67 million people are voracious consumers of the baguette. The country's "Bread Observatory" a venerable institution that closely follows the fortunes of the famed 65-centimeter (26-inch) loaf - notes that the French munch through 320 baguettes every second. That's an average of half a baguette per person per day and 10 billion every year.

> "Even three centimes higher is dire when played out nationwide," Anract said. "The baguette is our emblem, our symbol, the thermometer of our economy. It's perhaps like Britain's pint of milk. It can never go beyond one euro."

> Marc Cohen, a 35-year-old father of two, said outside his local baker in the Le Marais area of central Paris that rising baguette prices "would be a pain in the neck. Costs are going up everywhere. Even 5 centimes is a lot because we get one every day. That adds up over the year, and next year it will probably be the same."

> Baguettes are such serious business that bread observers say bakers around France are willing to sacrifice other bread products to maintain the price of the baguette, by spreading around extra costs.

> That worries 24-year-old student Sandrine Boyer. She said she spends most of her bakery money on products other than baguettes and hopes "that the price of the breads in general will not go up as well."





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The Indiana Farm Equipment and Technology Expo, December 14-16 in Westfield, IN, has always had an engaging, practical, free, seminar series. As the show returns to an in-person event in 2021, the seminars will present what technology will most impact farming operations in the next few years. The focus on climate change and the revolution in plant genetics and artificial intelligence will change how farmers grow crops. The seminars will showcase the latest developments in these areas during the three day show as well as teaching practical marketing and financial management skills.

The line-up will be headlined by **Machinery Pete**, recognized as the nation's leading expert on farm equipment. From new to used to antique equipment, Pete has the scoop on prices, features, reviews, and the best place to get the best deal. He will lead two seminars on Tuesday December 14, sponsored by Bane Welker Equipment and Farm Credit Mid-America.



Chad Colby, a nationally televised ag tech journalist, will present two programs showcasing the latest ag technology for the farm. His program on Tuesday, December 14, will cover the top 10 technologies you will need to farm in 2022. On

Wednesday, December 15, Colby will moderate a seminar on drones. This program will feature the latest drone research being conducted by Purdue as well as several drone companies demonstrating their units specially designed for on farm use. There will also be the chance for all show attendees to win a drone package valued at over \$900. Financial management and outlook programs will also be a part of the seminar series. The Purdue Center for Commercial Agriculture will present a program by **Dr. Jim Mintert, Michael Langemeier**, and **Nathan Thompson** on farm management and the financial outlook for farmers in 2022. Wednesday will also feature a commodity market outlook panel discussion with **John Zanker** of Risk Management Commodities and **Mike Silver** of Kokomo Grain. Hoosier Ag Today meteorologist **Ryan Martin** will forecast the weather for 2022.

Jason K. Powers, Wealth Strategist with Unbridled Wealth, will present a program all three days of the show on a unique approach to financing your farming operation. This program will show farmers how to take control of their finances, increase cash flow and minimize risk. **Your Money, Your Farm** will have farmers looking at credit in a whole new way.

Thursday will feature the taping of two popular podcasts. Purdue Crop Chat with Purdue Extension Corn Specialist **Dan Quinn** and Extension Soybean Specialist **Shaun Casteel** and The Soil Health podcast will both be recorded before a live audience on the seminar stage.

The Indiana Farm Equipment and Technology Expo will be held at the Grand Park complex in Westfield, IN. This new location offers easy access and free parking. The modern and open exhibit floor will feature over 150 exhibitors showcasing the latest in farm equipment and technology. Many new products just hitting the market will be on display, and a Precision Planting Zone will showcase a state-of-the-art planter and tractor with the latest precision planting technology. There is no admission charge for the event. A complete list of seminars and exhibitors can be found at **www.indianafarmexpo.com**

PARTIAL LIST OF EXHIBITORS ATTENDING:

1st Choice Seeds Action Equipment Advanced Agrilytics Advanced Drainage Systems Ag Diesel Solutions/PSI Power Ag Express Electronics Ag Focus LLC Albertson Drone Service LLC American Steel Carports, Inc B & H Building Bane Welker Equipment Beck's Hybrids Big Iron Auction Co. Billie's Usborne Books & More Boral Steel Roofing Products Brindle Built Brown Bear Corporation Buckeye Online Equipment Auctions C F C Distributors, Inc Carbo-Tech America Cen Pe Co C & J Agri-Service, LLC Changin Times, LLC CIS-Crop Insurance Specialists Copperhead Ag Products **Dairyland Seeds** Dave's Diesel Diversified Equipment Group, LLC Drago Indiana Farm World Newspaper

Fast Ag Solutions, LLC FBi Buildings, Inc Fellowship of Christian Farmers Fennig Equipment Forklift Tires Fratco, Inc Frey Roofing Frontier Seed Get It To The Bin Inc Goliath Ag Goshert Insurance LLC Graber Post Buildings, Inc Grace Manufacturing Co., LLC Grasshopper Company Gregory & Appel Insurance Halderman Real Estate Harvest Solar Healthy Minds, Healthy Lives Homan Honeyville Metal Hoosier Ag Today Hoosier Agri-Matic, Inc Illiana Truck Parts Indiana AgriAbility Indiana Farm Solutions Indiana Farmers Insurance Indiana Irrigation Co Inc Indiana State Dept of Ag JLG. Industries. Inc. Kuchar Combine Performance, Inc

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For exhibitor information, call Toni Hodson at 1-800-876-5133 or email: thodson@farmworldonline.com

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SECTION B

Friday, November 5, 2021

Chestnut trees nearly wiped out; Ohio experts working on solution

By Doug Graves Ohio Correspondent

OXFORD, Ohio - Cashews, peanuts, hazelnuts, pecans, almonds, acorns and walnuts are among the most popular edible nuts found and devoured in the United States. They're plentiful, too.

The tender meat of the chestnut has a slightly sweet flavor. They're oftentimes roasted, giving them a spongy rather than crunchy texture. Sadly, the chest-



Above: Chestnut are among the few nuts that contain vitamin C. The fruit can be peeled and eaten raw, though it can be somewhat astringent. Once roasted, the nut's texture is slightly similar to that of a baked potato, with a sweet flavor. (photo submitted)

nut tree with its tasty nut is on the brink of extinction.

Roughly 100 years ago, nearly four billion chestnut trees stood guard down the spine of the Appalachian Mountains from Maine to Georgia. They were about a quarter of the trees in the forest, and their range extended west into central Ohio, to the southern tip of Indiana and into Kentuckv.

As pioneers poured over the Allegheny Mountains in the 1780s and began settling eastern Ohio, they passed under the canopy of millions of American chestnut trees, those with mammoth brownish-gray columns of bark towering 100 feet in the air. They were nutritious and delicious. There were so many, legend had it that the early settlers could walk for miles on a carpet of chestnuts.

Then, around the turn of the 20th century, a blight arrived with imported Asian chestnut trees and infected the native trees.

"It was known as the perfect tree," said Carolyn Keiffer, a botany professor at Miami University's Middletown campus in Ohio. "Everyone loved the chestnut. The pioneers needed the chestnut. Even today, it makes everyone smile."

Keiffer is president of the Ohio chapter of The American Chestnut Foundation (TACF).

The wood itself sported a coarse grain and a range of colors. And there was a lot of it. The trunks, at their base, could exceed eight feet in diameter. Chestnut wood was almost as strong as oak but with half the weight. It was easy to work with. Pioneers used it to build their



Above: A U.S. Department of Agriculture Forest Service member plants a chestnut seedling at Wayne National Forest in Ohio. (Jared Dort photo)

cabins and barns, and, because it was rot-resistant, it was a "must have" for foundations and floors. Leftover wood was made into bed frames, cabinets, tables and chairs.

"It's a good early example about how transportation is killing the world," said Brian McCarthy, a professor of ecology at Ohio University and Keiffer's former instructor. "We're seeing it not only with the emerald ash borer and the Asian longhorn beetle. Imported insects, invasive plants, and pathogens are carried here, and the native ecosystem has no way to defend itself."

An effort is being made to reverse this trend in an attempt to revive the chestnut tree. Stephen Rist, who manages the Ohio Department of Natural Resources (ODNR) District 4, is beginning his scientific work and planting 2,000 chestnut seedlings in southern Ohio at Hocking Hills State Forest.

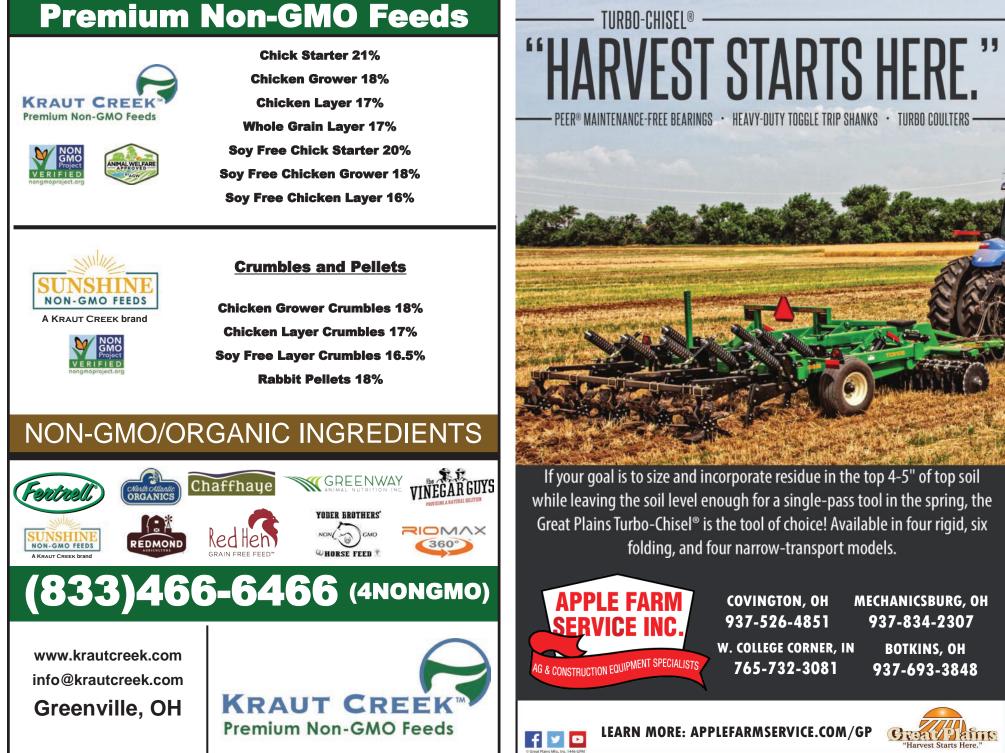
Rist has armed himself with chestnut hybrids: 15/16th American and 1/16th blight-resistant Asian. It's a crossbreeding experiment, one of three strategies TACF is employing in what's already a

(Chestnut continued on page 4B)

Chick Starter 21%













Highlights from the 94th National FFA Convention



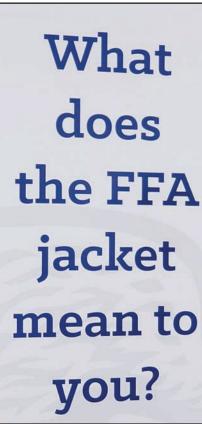














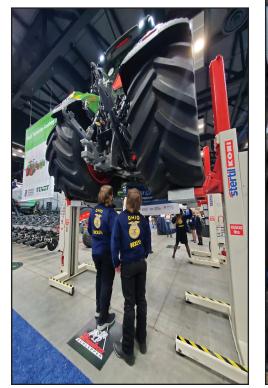




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Chestnuts

FROM PAGE 1B

decade-long effort to restore the tree. The foundation calls it the 3BUR strategy, which stands for breeding, biotechnology and bio-control united for restoration.

The saplings are encased in nearly opaque 5-foot-tall white tubes, but their branches are starting to poke out the top. They aren't sick yet, but they're sharing their environment with their killer.

"The fungus is everywhere. It's proba-

bly on the soles of our shoes," Rist said. Keiffer introduced McCarthy to TACF, which began looking at inserting a restoration colony of chestnuts into the forest ecosystem. McCarthy is now the chairman of TACF's board of directors.

"What's intriguing about the chestnut is that it's as stubborn as its mortal enemy," Rist said. "The fungus kills the tree, but it doesn't kill the roots. So, when a chestnut tree succumbs and eventually falls, stump shoots or root shoots spring forth to begin the life-and-death cycle all over again." The crossbreeding strategy is designed to add just enough genetic material from the Asian chestnut to give the overall tree a viable defense. Asian chestnuts are attacked by the fungus too, but the species has built up enough immunity that it isn't fatal.

This effort began two years ago, when dozens of ODNR employees and volunteers from the Mohican Trails Club planted 400 chestnut seedlings at the Mohican State Forest in Richland County near Mansfield. Hundreds of other chestnut hybrid seedlings were planted in southern Ohio at the Scioto Trail State Forest in Ross County, and at the Waterloo Wildlife Area in Athens County.

Researchers and volunteers say that the blight will show up again in five to 10 years, adding that it will be 20 to 30 years before state foresters will know how well the hybrid chestnuts have survived.

Chestnut facts

• The USDA counts 919 farms producing chestnuts on 2,500 acres. The top five states with the most chestnut acreage area California, Florida, Michi-

Left: Protected in those hard plastic tubes in Hocking Hills State Park in Ohio are chestnut saplings. Barring no harm from predators or a deadly fungus, these trees will mature and bear fruit in about 10 years. (Charlie Burton photo)



Above: This photo, taken in the mid-19th century, gives an idea of just how large the American chestnut tree was in Eastern U.S. forests. There are only about 100 that remain. (photo submitted)

gan, Oregon and Virginia. U.S. chestnut production is less than 1 percent of total world production. Consumption could support 20,000 acres of chestnuts.

• The United States is the only country in the world that can grow chestnuts that does not have a large commercial chestnut industry.

• The United States imports \$20 million of chestnuts yearly.

• U.S. consumption is less than 1 ounce per person per year, but 1 pound per capita in Europe and 2 pounds in Asia.

• By its 10th year of growth, the chestnut tree can produce 10-20 pounds of nuts per tree. At maturity (15-20 years) a chestnut tree can produce 50-100 pounds of nuts annually.

 \cdot Retail prices for chestnuts range from \$3-\$10 per pound, which is a superior return to pecans, hazelnuts and other tree crops.



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Drive carefully this time of year to avoid collisions with deer

By Bill Felker

Another morning dawns clear and mild. This little time of tranquil skies, these days of Indian summer - here is the annual opiate that blunts our senses, that dulls our minds to the inevitability of the coming cold. Winter seems immeasurably far away. Yet, before evening falls today, there is a change, a chill in Poor Will's Almanack the air. So soon, these warm and drifting days are over! Edwin Way Teale

The Moon, the Meteors and the Sun

On November 4, the Deer Rutting Moon is new at 4:15 p.m., and the next day it reaches perigee, its powerful position closest to Earth, at 5:00 p.m. Rising in the morning and setting in the evening, this Moon passes overhead in the middle of the day.

Late Fall is the time for deer to come into estrus, and mating takes place throughout the last months of the year. Combined with the early darkness at the end of Daylight Saving Time, deer rutting makes this period one of the most dangerous of the year for driving.

The workday begins to shrink more quickly now, losing about two minutes every 24 hours: November takes almost an hour from the day's length along the 40th Parallel. Everywhere in North America the day's length approaches its shortest span.

The South Taurid meteor shower brings shooting stars after midnight between the 4th and 5th in Taurus in the southeastern sky.

Daylight Saving Time ends on November 7 at 2 a.m.

Weather Trends

New moon on November 4 and lunar perigee on November 5 will create a definite pattern for freezing temperatures deep into the Border States and at higher elevations throughout the country. Blizzard conditions are quite possible

across the West and Great Plains. And look for a killing frost at full moon time, November 19, well into the South.

With the arrival of late fall this week, an increase in the likelihood of cloud cover begins, and

the percentage of sunny days and partly sunny days drops from October's peak of about 60 percent down to winter's average - about 35 percent. Also after the 5th, chances of highs in the 70s drop to only five percent, and most highs just reach the 40s or 50s.

The 6th ushers in the snow season for this part of the country, flurries or accumulation emerging into the realm of possibility, at least a ten percent possibility per day between now and spring. Chances of a thunderstorm drop to only five percent per day until February, but all-day rains increase.

Zeitgebers

(Events in Nature that Tell the Time of Year

The last raspberries of the year redden in the low November sun. An occasional autumn violet is still open in yards and pastures. Mums are past their best, but the witch hazels are often still flowering.

Grasshoppers continue to feed in milder years. Crickets are normally still active.

All the major migrations (except for the migration of gulls and sandhill cranes) end within the next two weeks.

Although many of the Osage orange, maples, oaks, beech, pears and sweet gum continue to hold on, the last ginkgoes lose their leaves, magnolias weaken, and cherry foliage turns brown at the edges.

Mind and Body

The S.A.D. Index, which measures seasonal stress on a scale from 1 to 100, rises deep into the troublesome 70s this week. The average length of November's

(Poor Will continued on page 7B)





SPECIAL FEEDER CALF AUCTION White's Farm 3 miles south of Brookville, Indiana WEDNESDAY, NOV. 10, 2021, 1:30 PM

Several Special Consignments of native Feeder Cattle Including several Angus & Angus Crossbred Steers & Heifers 350-600 lbs.; several Angus crossbred Steers & Heifers 450-700 lbs.; There are always several other groups of cattle expected. These cattle are all high quality, straight from the farm. Native Feeder cattle are scarce. If you are looking for feeders don't miss this group. If you have cattle to consign Call 765-265-3883.

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sprayer; old hay rake; MF wheel weights; 16' aluminum grain elevator; Agri-Fab chip vac, 8hp; 19' trailer; Cross 30' hay/grain elevator; 5 shank chisel plow; water tanks; JD weights; 30 round bales grass hay; wooden corn crib; 2 hydraulic cylinders; fence chargers; fence post; 6 rolls new barb wire; woven wire; fence stretchers; post driver; scrap iron and metal; lumber; ladders; Mastercraft miter saw; 15 gallons of aluminum paint; battery charger; Winchester model #190 automatic 22 rifle; Savage model #24 over and under gun; Plus other misc. items found around the farm.

For more info and pictures check auctionzip ID#48878.

Auctioneer's Note: This is a very clean auction. Most equipment is stored inside. Only one wagonload of small items. Please be on time!!!

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Poor Will

FROM PAGE 6B

night is almost as great as the night's length in December and January; the weather becomes more severe, and clouds thicken. S.A.D. increases to winter levels and the effects of lunar phase and position become even more significant. This is the time to be aware of the most minor shifts in mood and attitude. Depression often arrives incrementally, beginning with a dull ache or feeling of emptiness and then progressing to a full change of philosophy and outlook. Mindfulness and activity (especially outdoors) are often able to alter the S.A.D. physiology or provide respite from the seasonal blues.

In the Field and Garden

The final winter wheat should be planted and the harvest of corn of soybeans completed. Test the soil of the yard, the pasture, the field and the garden. Mow the lawn for the last time after all the leaves are down.

Under the dark moon, plant garlic cloves for harvest at the end of next June. Remove tops from everbearing raspberries.

Although tomato and pepper time is over, collards and kale still hold out in the garden. Your mulched beets and carrots are doing fine. Lettuce planted in August may still be producing

Throughout the northern half of the nation, practically all weeds and wildflowers become dormant in an average year. Most of the corn, soybeans, and sugar beets have been harvested across the country.

Bulbs, shrubs, and dormant roses can still be set out; November's first week usually provides the most pleasant weather for outdoor activities.

By this stage of the autumn, soil temperatures sometimes fall into the middle 40s, and the grazing season ends in many Midwestern pastures. Pond waters are at or below 50 degrees, and koi are reluctant to rise for their food.

Sugar beets are typically more than three-fourths dug, and the pumpkin harvest nears completion. Orchids reach full bloom in conservatories throughout the country.

Almanack Classics **Bantam Beats Heavyweight in Comeback** By Larry Rader, Shiloh, Ohio

On a snowy Christmas morning when my brother and I were in middle school, our older cousin gave us a pair of bantam chickens. We put them in the chicken coop with about twenty Rhode Island Red hens and a single rooster.

The chickens could go outside but were limited by a five-foot chicken fence around a lot about forty by seventy feet. The chicken house sat on eight-inch cement blocks.

Within a few minutes the larger

Rhode Island Red rooster chased the little bantam rooster outside. The little rooster hid under the chicken house. For a week or so, he was forced outside day and night.

Then one morning, our mother said that the big rooster was outside alone. He looked thin and weak; his head was bloody. When he walked, he turned his head from side to side as if he were being chased.

We caught the big rooster and put him in a hog crate with a dish of water and some feed. Immediately, he went to the water and drank and drank and drank and drank!

Within a couple of weeks of recovery from the surprise beating at the "hands" of the bantam, the big Rode Island Red rooster healed, gained weight and was a good chicken dinner for our family!

Poor Will Wants Your Stories!

Poor Will pays \$5.00 for unusual and true farm, garden, animal and even love stories used in this almanack! Send yours to Poor Will's Almanack at P.O. Box 431, Yellow Springs, Ohio 45387 or to wlfelker@gmail.com.

ANSWERS TO LAST WEEK'S SCKRAMBLER

In order to estimate vour SCKRAMBLER IQ, award yourself 15 points for each word unscrambled, adding a 50-point bonus for getting all of them correct. If you find a typo, add another 15 points to your IQ.

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Bill Felker's Poor Will's Almanack for 2022 is now available. In addition to weather, farming and gardening information, reader stories and astronomical data, this edition contains 50 essays from Bill's weekly radio segment on NPR radio, WYSO. For your autographed copy (by media mail), send \$22.00 to Poor Will, P.O. Box 431, Yellow Springs, OH 45387. Or order from Amazon or from www. poorwillsalmanack.com.

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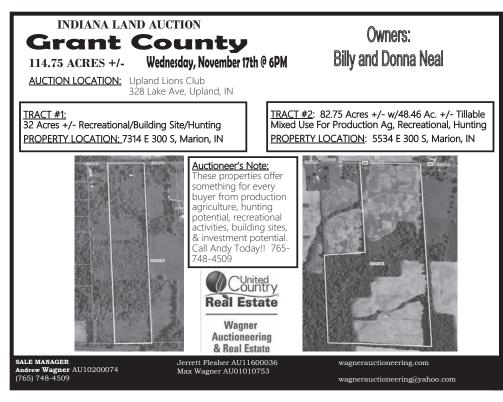
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The Thanksgiving duck

SPAULDING OUTDOORS

As a boy, my thoughts were filled with stories of famous hunters on fabulous hunts. I read and reread my wellworn hand-me-down copies of Outdoor Life, Field & Stream and Sports Afield. I was constantly daydreaming of someday experiencing the thrill of exotic hunting like my magazine page idols.

Living on the Southside of Rush County, big game was out of the question. Fif-

ty-five years ago, it was even before the arrival of white-tailed deer. Still, I vicariously lived hunting adventures as I thumbed worn magazine pages and dreamed.

Being in farm country, I decided hunting waterfowl was more practical. I dreamed of crouching in a camouflaged blind with my trusty Labrador retriever by my side, skillfully tooting my duck call and bringing in the flocks of ducks filling the sky.

Rush County's skies were not filled with ducks. There was maybe an occasional mallard. I remember the once rare sight of the migratory flights of the great Canada Geese flocks. With southern Rush County far from the major flyways in those days, a glimpse of the high-flying V's in the late fall skies brought awe-inspired and almost reverent gazes as the birds passed far overhead so high you would swear they were in the stratosphere. News of the passing flocks always brought a clamor of stern weather predictions from the "liar's bench" at the country store.

Hunting the great migratory flocks of duck and geese became my youthful passion. Fueled by the inspiration, I determined Thanksgiving Day would see the addition of wild duck to the Spaulding household menu.

My short comings were I didn't have a retriever, a camouflaged duck blind or a duck call. I was long on imagination, and short on hunting essentials. However, I did have my hunting hat and jacket, an ancient pair of leaky hip waders and my J. C. Higgins, bolt-action, 16-gauge shotgun.

The old gun cost me the grand sum of \$15 dollars, and it was battered with a beat-up stock, worn bluing, and was pretty much a junker by anyone's standards. The barrel was missing the front sight and it had been replaced with an aluminum screw. But, the gun handled well; and I knew it would kill a duck. Money for hunting supplies was tight, and I only had three shotgun shells, but they were good ones... high-brass #6 shot. I knew if my aim was true and I was close enough, I'd only need one shell.

Should there be a need to call a duck, I would just quack. I'd heard my share of ducks on my grandparent's farm, and with practice, I was pretty sure I could fool one. I began to hone my skills at vocalizing like waterfowl. Some of the folks in town looked at me a little strange as I practiced quacking on my way to the general store. All the people in town knew me, and probably expected at least some odd behavior. a hard, flat limestone bottom and would be manageable for my old hip boots. The willow thicket looked like it would make a good "natural" blind. I'd just hunker down in the willows. With my brown jacket, brown hat and greenish-brown hip waders, I would blend right

in with the willows. Hunting each evening proved to be a race against time. With the school bus

By Jack Spaulding time. With the school bus arriving in town less than an hour and a half before sunset, precious minutes of shooting light were entures lost to the mandatory change from e pages school clothes to my ragged hunting gear.

> Yanking on my hunting jacket over a still unbuttoned shirt, I would hit the road at a forced march before rolling the tops of my hip boots and jumping on my bicycle. Wobbling down the street with my ancient 16-gauge bolt-action under one arm while trying to tuck in the straps of the hip boots, I must have presented quite a comical sight.

Night after night I made the halfmile journey to my willow limb blind to watch the sun slowly set and patiently waited for the impending arrival of huge flocks of ducks. Night after night nary a duck graced the skies over the steel gray water of the small pond.

The only arrival every evening was a lone coot. It would land and swim around a bit. Lacking decoys, I refrained from shooting the coot in hopes its presence would help attract a great flock of mallards. When it would come close, I practiced my quacking. Every time I quacked, the coot swam a little farther away. I guessed I didn't speak it's kind of duck language.

The coot is despised by waterfowl hunters. The coot is to a waterfowl hunter as a carp is to a bass fisherman. The bird has the culinary reputation of being under-sized, nasty tasting and tough. My ancient mentors of the liar's bench swore only a starving man would sit down to a meal consisting of coot.

Rain or shine, warm or cold, I spent evening after evening watching the sun slowly set in a blaze of color. Evening after evening the same scenario repeated itself. No ducks, just

(Spaulding continued on page 9B)





Yes... I was going to bring home a duck, and my parents would be proud of me!

With my lofty goal of becoming a successful waterfowl hunter, I set out. Scouting Big Flatrock River didn't reveal any waterfowl hotspots, but I did remember seeing a duck last summer in the vicinity of the old quarry hole.

Checking it out, I found a large group of willows alongside a pool of water about a half-acre in size. The water was about 2 $\frac{1}{2}$ feet deep with

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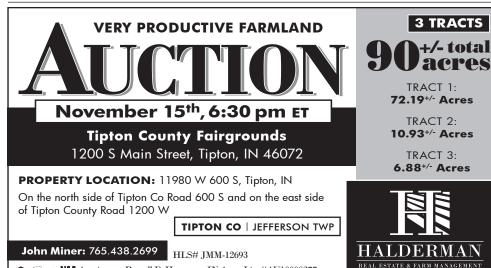
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Spaulding

From Page 8B

the lone coot, and I was running out of time for something to put on the Thanksgiving table.

With the clock closing on Thanksgiving, I knew I had to make some tough decisions. If a decent duck didn't show up, the coot was going to take one for the team, I mean for the table. Coot or not, I was determined to put some kind of duck on the table. It would just have to do. Reassured by the family's historical abstinence of my wild game fare, I figured I could eat coot and, if nothing else, pretend to like it.

That evening, even the coot seemed to avoid the pond like the plague. As the precious minutes of shooting light slipped away, I was ready to resign myself to the fate of common turkey.

With the last passing rays of light, I glimpsed the approach of a lone bird coming in from far right. I knew it was now or never. Slipping off the safety of the scarred, old bolt-action, I swung to lead the bird with the metal screw bead sight and squeezed the trigger. BOOOMMM! At the roar of the old gun echoing across the pond, the coot folded in a cloud of feathers and splashed down in the middle of the pond.

Carefully unloading the shotgun and leaning it against the fork of a large willow, I waded in and began the icy trip to retrieve the coot.

Hurrying with the rapidly waning light, I made my way to the center of the pond. All of the walking and running I did in the old hip boots had really increased the size of the pin holes. They'd become flat out leaks! I could feel the icy water hitting my legs and running down and soaking my socks.

Rushing against the flow of icy water into my boots, I picked up the coot and turned to make a shuffling dash back to the bank. Sloshing through the quarry pond, I failed to hear the noise in the distance. Slowly the sound became more distinct... HONK, HOONNKK, HOOONNKK! Glancing toward the horizon, I stopped dead in my tracks as I saw the dark silhouettes outlined against the fading blue sky.

Rapidly dropping from the sky was one of the largest flocks of Canada Geese I had ever seen. The flock began to clamor as their weary wings sought the night's rest on the pond.

I quickly stuffed the coot in my hunting jacket. Knowing the slightest move would send the flock careening back to the open sky, I glanced across the pond at the willow tree cradling my shotgun. Not sure of what to do, I decided to bend over, look down at the water, and try to look like a stump.

The ruse worked. I froze in place stump-like, and the flock continued to descend. It suddenly dawned on me... what exactly is the plan once the geese land? My gun was 60 feet away, empty, leaning against a willow tree and I have no way of getting to it. If I move, I will blow my cover. And then, they were on me, and I do mean... THEY WERE ON ME!

The sound of the wind passing through the feathers of the huge flock became a muffled roar like an approaching whirlwind. Cupping and flapping their wings, the geese began to hit the water around me. I could feel the wind off their wings and their feathers almost brushed my hunkered over torso.

I couldn't stand the commotion any longer. Although some were within grabbing distance, I opted for a mad dash for the bank. I would load my shotgun as fast as an Old West gunslinger, wheel around, and bring down a goose for the Thanksgiving table.

As soon as I straightened up, the remaining airborne geese saw my white face peering through the dim light. Realizing great danger upon seeing me, the flock leader called the warning to the descending birds. I heard the thrashing of hundreds of powerful wings fighting to reverse their descent and take the flock back to the safety of the open sky. I'd never heard such a racket in all my life. Geese were going everywhere... up... down... sideways... landing... taking off.

Ducking my head while stumbling backward, I felt the great wings beat within inches of my head and shoulders.

Racing for the bank and splashing the icy water over the tops of the old hip boots, I made a mad dash for the willow blind and my trusty shotgun. Quickly, I grabbed the 16-gauge, slapped the two remaining shells back in the magazine, and cycled the bolt.

Whipping around, flipping off the safety and looking across the pond, all I saw were tiny ripples where once there had been a hundred geese. Faintly, I could hear the flock honking as they winged to safety somewhere far away in Decatur County.

Readers can contact the author by writing to this publication, or e-mail to jackspaulding@hughes.net.

Spaulding's books, "The Best of Spaulding Outdoors," and his latest, "The Coon Hunter And The Kid," are available from Amazon.com.



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 Great Combo of Cropland, Investment Opportunity, Recreation Tracts & Billboard Income • Cambridge City Schools • 2022 Crop Rights Being Conveyed

AUCTION SITE: Golay Community Center, 1007 E Main St Cambridge City, IN 47327 PROPERTY LOCATION: 12093 US Hwy 40, Cambridge City, IN 47327

Tr 1: 19.5± acres all cropland w/ about 980' of frontage on the south side of Hwy 40. Income from 2 billboards annually. Good investment & great location. **Tr 2: 1.5± acres** w/ ranch home, 3 bedroom, 1 bath & good, full basement. One car attached garage, central air. Immediate possession. Built 1958. Well maintained in nice setting on Hwy 40. **Tr 3: 22.5± acres** w/ 20± acres cropland. Balance in woodland. About 1,300' of frontage on south side of Hwy 40 & about 425' on Pennville Rd. Nice investment & great location on two good roads. **Tr 4: 64± acres** w/ 54± cropland acres & 9± acres of woods & stream. Great hunting/recreation area w/ easy access. These tracts are hard to find w/ billboard income & lots of frontage on Hwy 40. **Tr 5: 38.5± acres** w/ 29.6± acres cropland. Crosby soils. About 9 acres of woodland & about 447' of frontage on Jacksonburg Rd.

INSPECTION DATES: Sat, 11/6 • 9-11am, Sat, 11/13 • 9-11am & Sat, 11/20 • 9-11am, Meet a Schrader Rep at Tract 2

OWNER: Robert L. Jacobs Trust, Gary Jacobs - Trustee, Jeffry Jacobs - Trustee, Robert Bever - Attorney **SALE MANAGERS:** Steve Slonaker • 877.747.0212 or 765.969.1697 (cell)

& Andy Walther • 765.969.0401 (cell) #AC63001504, #AU19300120, #AU19400167

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Coles County, IL 51.87 Acres | 1 Tract Monday, November 8th @ 1 PM CT The Edgar Family Marshall County, IL 481.17 Acres | 6 Tracts Tuesday, November 9th @ 10 AM CT Campbell Family Farm

Tazewell & Livingston County, IL 496.05 Acres | 5 Tracts Wednesday, November 10th @ 10 AM CT Henry & Elizabeth Schick Family Farm **McLean County, IL** 236.51 Acres | 3 Tracts Wednesday, November 10th @ 1 PM CT Gleeson Trust

Vermilion & Iroquois County, IL 286 Acres | 3 Tracts Thursday, November 11th @ 1 PM CT Richard P. Layden Estate

Lewis & Clark County, MO 260 Acres | 2 Tracts Friday, November 12th @ 1 PM CT O'Bryant Family Farms

Champaign County, IL 101.426 Acres | 1 Tract Monday, November 15th @ 1 PM CT Bettye Gilmore Farm

Clark County, MO 77 Acres | 1 Tract Tuesday, November 16th @ 6 PM CT Laverne M. Bevans Irrevocable Trust

Woodford County, IL 132.28 Acres | 1 Tract Thursday, November 18th @ 2 PM CT Valentine Family Estate Farm

Whiteside County, IL 155 Acres | 1 Tract Friday, November 19th @ 1 PM CT Paul & Elva Hostetler

Brown County, IL 204 Acres | 1 Tract Saturday, November 20th @ 1 PM CT Nita L. Nichols & Jeanette Henderson

> Sangamon County, IL 354 Acres | 4 Tracts

Shelby County, IL 123.74 Acres | 2 Tracts Friday, November 12th @ 10 AM CT Zelma Eileen Powers & Darrell Powers Heirs

McLean County, IL 179.158 Acres | 1 Tract Saturday, November 13th @ 10 AM CT Bedford Falls Farm

Livingston County, IL 320 Acres | 4 Tracts Tuesday, November 16th @ 10 AM CT Yeager Trust/Yeager Special Asset Trust

Nodaway County, MO 44.45 Acres | 1 Tract Wednesday, November 17th @ 12 Noon CT Ewing Properties

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Woodford County, IL 109.25 Acres | 2 Tracts Friday, November 19th @ 10 AM CT Kris Ellingson

Morgan County, IL 177.99 Acres | 1 Tract Saturday, November 20th @ 10 AM CT Virginia K. Crow Family Farm

Adams County, IL 85 Acres | 2 Tracts Saturday, November 20th @ 3 PM CT Klingle Family Trust Farm

Lee County, IL 72.42 Acres | 1 Tract Monday, November 22nd @ 1 PM CT Atherton Trust No. 101



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Montgomery County, IL 120 Acres | 3 Tracts Tuesday, November 9th @ 1 PM CT Rohrer Family Farm

Adams County, IL 217 Acres | 4 Tracts Thursday, November 11th @ 10 AM CT Richard McNay

Champaign County, IL 163.20 Acres | 2 Tracts Friday, November 12th @ 12 NOON CT Benckendorf Family

Monroe County, MO 880 Acres | 7 Tracts Monday, November 15th @ 10 AM CT Jeanne Stephens Enterprises Inc.

Tazewell County, IL 228 Acres | 3 Tracts Tuesday, November 16th @ 1 PM CT Don & June Schmidgall Family Farm

Adams County, IL 154 Acres | 1 Tract Wednesday, November 17th @ 1 PM CT Pamela Hedges & Davis Kline

Macon County, IL 78.63 Acres | 1 Tract Friday, November 19th @ 11:30 AM CT Hansen Family Land Trust

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Brown County, IL 87 Acres | 1 Tract Saturday, November 20th @ 12 Noon CT Gerald T. Riley

Iroquois County, IL 334.73 Acres | 3 Tracts Monday, November 22nd @ 10 AM CT Eldert Farms Inc.

Marshall County, IL 150.91 Acres | 1 Tract

Monday, November 22nd @ 12 Noon CT McCurdy Estate & Ryan Trust Monday, November 22nd @ 5 PM CT Bartley-Moran Farm

McDonough County, IL 80 Acres | 1 Tract Tuesday, November 23rd @ 11 AM CT Wendell E. Kline Bureau County, IL 142.9 Acres | 1 Tract Tuesday, November 23rd @ 1 PM CT Immesoete Farms

Pike County, IL 77.61 Acres | 1 Tract Wednesday, November 24th @ 12 Noon CT Robert C. & Hazel Marie B. Iftner Trust Cass County, IL 293.47 Acres | 5 Tracts Monday, November 29th @ 10 AM The Millner Family Iroquois County, IL 239.37 Acres | 4 Tracts Wednesday, November 24th @ 10 AM CT Morris Smith Estate

> **Coles County, IL** 315.04 Acres | 4 Tracts Monday, November 29th @ 1 PM Kevin Smith & Kenin Smith

Appanoose County, IA 139 Acres | 6 Tracts Monday, November 29th @ 4 PM CT Martha K. Kratzer Putnam County, MO 625 Acres | 5 Tracts Tuesday, November 30th @ 10 AM CT Owings Revocable Land Trust & Teresa Harbert Adair County, MO

343.3 Acres | 4 Tracts Tuesday, November 30th @ 1 PM CT Daniel P. & Laura M. Clarkson

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DEALER & FARMER AUCTION

BIDDING CLOSES: MONDAY, DECEMBER 20TH & TUESDAY, DECEMBER 21ST STARTING AT 8:30 A.M. CENTRAL BOTH DAYS

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In an effort to keep our machinery consignment auctions oriented as premier Ag machinery auctions, the following consignments will no longer be accepted: small miscellaneous "hayrack- type" items such has hand tools; used tires & rims; new or used building supplies (lumber, tin, etc.); salvage equipment; salvage vehicles; nonuseable livestock items such as used posts or wire, etc.; all other items not directly related to production agriculture.

Tractor & skidsteer attachments such as quick hitches, duals, pallet forks, bale spears, etc.; GPS equipment; planter attachments; lawn mowers & ATV's; all generally will be accepted.

Thank you for your consignments and participation in our machinery consignment auctions!



TIMED ONLINE | NO-RESERVE RETIREMENT AUCTION **BIDDING CLOSES: TUESDAY, NOVEMBER 16TH** STARTING AT 10:00 A.M. ET

Items are located in Brookston, Indiana Physical Address: 9982 West 1200 South, Brookston, Indiana 47923

INSPECTION: MONDAY, NOVEMBER 15, 9:00 A.M. - 4:00 P.M OR BY APPOINTMENT, BY CONTACTING JOHN LEHE @ (765) 427-1576



- 2012 John Deere 8310R MFWD tractor, ILS front suspension, PS trans., 4 hyd. outlets, 60 GPM hyd. pump, 1000 PTO, 480/80R50 rear tires & duals, 420/85R34 front tires & duals, front & rear fenders, front & rear weights, premium cab, HID lighting, 7" CommandCenter display, 1,363 hours, SN 1RW8310RTCP057599 • 2008 John Deere 8330 MFWD tractor, ILS front
- suspension, PS trans., 4 hyd. outlets, 60 GPM hyd. pump, 1000 PTO, 480/80R46 rear tires & duals, 320/85R38 front tires & duals, front & rear fenders, front & rear weights, Intelligent Power Management, deluxe cab, HID lighting, 2,742 hours, SN RW8330P020841
- 2008 John Deere 7430 Premium MFWD tractor, 16-spd. trans. w/LH reverser, 3 hyd. outlets, 540/1000 PTO, 480/80R42 rear tires & duals, 420/85R28 front tires, front & rear fenders, rear weights, sells complete w/JD H360 self-leveling loader, global hookups, 8' material bucket, 3rd function hyd., 2,013 hours, SN RW7430H005078
- 1996 John Deere 7600 2wd tractor, PS trans., 2 hyd. outlets, 540/1000 PTO, 18.4-38 rear tires, 11.00-16 front tires, 3,971 hours, SN RW7600P008197

COMBINE & HEADS

- 2015 John Deere S660 2wd combine, 3-spd. elec. shift trans., ContourMaster feederhouse w/Hi-Torque drive & hyd. fore/aft, 22.5' unloading auger, power fold bin extension, extended wear, 520/85R38 drive tires & duals, 750/65R26 steer tires, premium cab, HID lighting, GS3 2630 display, 565 eng./386 sep. hours, SN 1H0S660SKF0775626
- 2017 John Deere 630FD 30' flex draper head,
- flip over reel, hyd. fore/aft, single point hookup, stubble lights, SN 1H0630FDHH0795239

FARM EQUIPMENT

• 2009 John Deere 1790 12/24 CCS planter, ground drive, vacuum, RefugePlus tank, no-till coulters, pneumatic down pressure, 2-pt. hitch, markers, 350 monitor, SN A01790E730219

- Case-IH 330 31' vertical tillage tool, 18" front blades, 20" rear blades, rolling basket, single point depth control, hyd. fore/aft, SN JFH0048871
- Case-IH 530B 5-shank disk ripper, spring loaded shanks, 16.5-16.1 tires, 10" points, rear leveler, SN JEH0006786
- Unverferth 3750 seed tender, bumper hitch, triple axle, 8" conveyor, roll tarp, Honda GX340 eng. w/elec. start, SN D54150412
- Bush Hog 2615 Legend 15' batwing mower, (8) laminated tires, front & rear chains, small 1000 PTO, SN 12-29971
- John Deere 980 27' field cultivator, single point depth control, 7" PermaLoc sweeps, 3-bar coil tine harrow, gauge wheels,
- SN N00980X006240
- John Deere 400 30' rotary hoe, hyd. fold, gauge wheels

GRAIN HANDLING EQUIPMENT

• 2015 J&M 875 grain cart, 18" auger, hyd. adjust spout, roll tarp, 1000/50R25 tires, large 1000 PTO, SN 1500666

- Westfield MK130-71 13"x71' swing away auger, hyd. hopper swing, right angle drive, 540 PTO, SN 236284
- Westfield MK100-71 10"x71' swing away auger, hyd. hopper swing, right angle drive, 540 PTŎ, SN 256683
- Brock Super B SQ24 grain dryer, LP gas,
- 3 phase, 95 hours, SN SQ24AC321
- Phase convertor















• 2011 Drago N8 8 row 30" corn head, height

sensors, John Deere hookups, SN 250011 • Unverferth HT30 30' head cart, 22.5x8.00-12 tires • Unverferth HT25 25' head cart, 20.5x8.00-10 tires

GPS EQUIPMENT

- 2014 John Deere GS3 2630 display, AutoTrac SF2, SN PCGU2UD468121
- 2015 John Deere StarFire 3000 receiver, SF1, SN PCGT3TB770131
- 2014 John Deere StarFire 3000 receiver, SF1, SN PCGT3TA678993
- 2012 John Deere StarFire 3000 receiver, SF1, SN PCGT3TA345853

As always, Sullivan Auctioneers does NOT charge a buyer's premium and every item sells without reserve!

TRUCKS & TRAILERS

- 2009 Peterbilt 384 day cab semi, Cat C13 eng., Eaton auto trans., air ride, 197" wheelbase, 295/75R22.5 tires, aluminum wheels, showing 475,947 miles, VIN 1XPVDU9X89N757647 • 2002 Peterbilt day cab semi, Cat C12 eng., manual trans., air ride, 192" wheelbase, 285/75R24.5 tires, front wheels are AL, rear wheels, 39,533 miles, VIN 1X9GDU9XSZN584703
- 2003 Volvo day cab semi, Cummins N14 eng., 10-spd. trans., air ride, wet kit, 162" wheelbase, 295/75R22.5 tires, steel wheels, showing 387,348 miles, VIN 4V4NC9JF63N339717 • 2010 Wilson 41' hopper bottom trailer, ag
- hoppers, air ride, power tarp, 11R24.5 tires, aluminum wheels, VIN 4WWMAFYA6A3615181 • 2009 Wilson 41' hopper bottom trailer, ag hoppers, air ride, roll tarp, 455/55R22.5 tires, aluminum wheels, VIN 1W1MAFYA99A253751 • 1991 East 33' aluminum dump trailer, spring ride, roll tarp, 11R22.5 tires, VIN 1E1D1588XNRM12928

Mark your calendar now and make plans to participate in this outstanding no-reserve retirement auction! The Léhe's took great pride in their farming operation and this line of equipment will suit the most particular farmer. Feel free to contact John with any questions you may have and be sure to attend the inspection on November 15th.

JOHN & LORI LEHE

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35th Hoosier Beef Congress is set for December 3-5

state junior cattle show in the country – is set for Dec. 3-5.

The HBC website, www.hoosierbeefcongress.com, is updated with the 2021 HBC

information. All details for the junior show, all-star and breed sale, showmanship, breed rules, trade It is the show and a schedule of events may be found on the site.

The registration deadlines for the junior show and the breed and allstar steer and heifer sale were Nov. 1.

The online auction will be Nov.

INDIANAPOLIS – The Hoosier Beef 18 for the first 30 spots in the stall-Congress (HBC) - the largest single ing line. Auction information will be available online at Willoughby Livestock Sales or call the Indiana Beef Cattle Association (IBCA) office at 317-293-2333 for additional information.

> The IBCA is an affiliate of the National Cattlemen's Beef Association.

> state's member group and issues manager for all segments of the beef cattle industry including cattle breeders, producers and feeders. It is the grass roots policy development organization for the beef business.



+/- 93 Acres, 140 PI, Georgetown TWP., Vermilion County, IL-Nov 4th

+/- 236.49 Acres, 3 Tracts, Rosamond TWP. Christian County, IL-Nov 12th

T1: +/- 80.81 Acres, 134.1 Pl. T2: +/- 75.68 Acres, 134.7 Pl. T3: +/- 80.00 Acres, 127.4 Pl.

+/- 80 Acres, 100% Tillable, 139.4 Pl. Marrowbone TWP., Moultrie Co., IL—Nov 12th

+/- 50 Acres, 2 Tracts Butler and Middlefork TWP., Vermilion County, IL-Nov 16th

T1: +/- 40.00 Acres, 123.6 PI T2: +/- 10.00 Acres, 112.5 PI

+/- 386 Acres, 6 Tracts, Long Point and Saunemin TWP's., Livingston County, IL—Nov 18th

CMPM looking for research proposals for Michigan corn

LANSING, Mich. - The Corn on increasing the economic viability Marketing Program of Michigan (CMPM) is accepting research proposals for 2022. CMPM is interested in funding research and demonstration initiatives that reflect the interests of the corn industry and return significant value to corn farmers who fund those efforts.

"Research is an important part of the mission of the Corn Marketing Program of Michigan," said Kristin Poley, research manager for CMPM. "Our research program has a track record of equipping farmers with the tools to farm more efficiently and more profitably. We look forward to receiving proposals for new research projects that will further enhance Michigan's agriculture industry."

CMPM's strategic plan is focused

of corn production in Michigan through innovative research and market development. Projects are sought that meet one or more of the following priorities:

• Enhance the value of Michigan's corn industry through new and expanded corn markets and valueadded uses

• Support research into corn production systems that are environmentally sustainable, socially acceptable, and economically feasible

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• Support research that improves the financial future for farm families and businesses.

Interested parties can read the entire Request for Proposals online at www.micorn.org. Proposals are due by Friday, Nov. 19 at 5 p.m. EST.





T1: +/- 51 Wooded Acres T2: +/- 55 Acres, 134.8 PI T3: +/- 51 Acres, 133.5 Pl. T4: +/- 80 Acres, 117.3 Pl. T5: +/- 77 Acres, 116.4 Pl. T6: +/- 74 Acres, 117.2 Pl.

+/- 160 Acres, 140 PI. Rutlidge TWP. DeWitt County, IL-Dec 1st

+/- 129 Acres, 139 PI, East Oakland TWP. Coles County, IL-Dec 9th

Travis Selby, Land Broker and Auctioneer 217.304.1686 Stephanie Spiros Managing Broker 217.304.0404

WWW.AGEXCHANGE.COM

Bob Lyon Retirement FARM EQUIPMENT AUCTION BRAZIL, INDIANA SATURDAY, NOVEMBER 13, 2021 @ 11:00 AM EST

LOCATION: 2692 W Co Rd 1000N, Brazil, IN 47834. DIRECTIONS: From I-70, Brazil exit #23, turn north on St. Rd. 59 and proceed 5 mile to US 40, continue on thru US 40 for ½ mile to Hendrix St (which becomes W Co Rd 1000N) turn west and proceed 1³/₄ mi to sale site.

Bob doesn't have the newest and shiniest equipment, but he has taken pride in his service and maintenance of his mostly shedded equipment. Bob would go to the field with any of it!

For complete listing and 100's of photos visit bostoncentury.com

If you can't join us at the Lyon Farm, Online bidding will be available on SELECT items at bostoncentury.hibid.com

TRACTORS and BACKHOE: 1992 CIH 7140, F.W.A. w/"Power Shift", 3-pt, 1000-PTO, (3) SCV's, (18) front weights, F.S. 18.4x42 radial 10-bolt duals (5277-hrs); **1970** John Deere 4020 Diesel "Console", Synchro Range, W.F., 3-pt, PTO, (2) SCV's, front and rear weights, and 18.4-34's (9,998 hrs); **1980 IH 1086** w/CAH, 3-pt, dual PTO, (3) SCV's, front and rear weights, 18.4x38's w/duals (1-owner, 7303-hrs); **1975 IH 1566 "Black Stripe"** w/cab, 12/6 trans, 3-pt, 1000-PTO, (2) SCV's, front and rear weights, 20.8x38's w/duals (5354-hrs); **1954 Farmall "Super MTA"** w/ tri-cycle front, hyds, PTO, fenders, draw bar hitch, power steering, 14.9x38's; **CASE 580B** standard hoe w/mechanical shuttle, ROPS, 6' bucket, 22" hoe bucket.

PLANTER: 2010 Kinze 3000, 6/11 split-row, mech. no-till planter w/liq. fert., piston pump, seed firmers, row cleaners, (1) rubber and (1) spike closing wheel, corn and bean meters, and KPM III (1-owner, only 4382 total acs, always shedded and well maintained).

TILLAGE EQUIPMENT: Salford 570 RTS, 22', VT w/rolling basket and beater bars (1-owner); DMI 11-sh, p.t., NH3 appl. w/Raven "Super Cooler" and Ag Leader mapping system; Kew. 1010, 18' disk; Brillion 12' disk/chisel; JD 913, 3-pt, 3-sh. "V" ripper (used on 50-acs); JD 900, 3-pt, 5-sh. "V" ripper; IH 181, 15', 3-pt hoe; IH 183, 6R30" 0 cultivator.

COMBINE and HEADS: 1981 IH 1440, 4x4, wired for Ag Leader monitor, 28L-26's, Т been aone ti to each harves echanically prior (has receipts, 5123-hrs); 1990 CIH 1020-15' table (less than 700 total acres); IH 1063, Ε 6R30 cornhead; Kelderman 6R30 corn reel; Goodrich 28.1-26 combine tires and wheels (10-bolt IH). R EQUIPMENT: Woods 840, 7', 3-pt R.M. (low useage); Katolight port. generator, 120/240V, 1-ph w/200-amp switch box; Kew. 9', 3-pt blade w/hyd tilt; (3) Huskee 300-bu gravity wagons w/12-T gears; EZ flow 250-bu seed wagon w/Top Air 15' galv belt conveyor: (1) Westfield 71'x8" and (2) 61'x8" PTO transport augers; Sudenga 8" 0 hopper unloader w/motor; 12", 3-pt P.H. digger; LMT 2300-gal Honey Wagon; rebuilt Better Built PB10 vac pump for Honey Wagon; 18' flatbed wagon w/10-T gears. S BULK BINS: Late model Brock 40-T galv bulk bin w/20'x6" auger (very nice); 9-T Т galv bulk bin w/4" auger (NOTE: on bulk bins, the "Buyer'(s)" agree to remove at their 0 own expense and liability within 90-days after auction.) TOOLS and MISC .: Hobart Handler 120 gas mig welder; WEG 5hp elec. motor (used 2-hrs); Onan 5000 WATT, 120/240-V generator; sev asst'd size LB White hanging heaters (Natural Gas); transfer pump, valves and hose; Van Guard 16-hp gas, port. pressure washer; (3) vintage IH s.c. weights; Dickey John "Mini-GAC" grain moisture tester (2-yrs old); and other "Farm Misc".

AUCTION LOCATION: Young's Dairy Event Center, 6880 Springfield Xenia Rd. (Rt. 68), Yellow Springs, OH

FARM LOCATION: Next to 2934 S. Tecumseh Rd, 2 miles east of Enon & just south of I-70. Property is on both sides of S. Tecumseh Road and just north of the intersection of Broadway Road and S. Tecumseh Road. Follow signs off of Rt. 68 and Dayton Road. (Watch for signs)

OFFERED IN 3 TRACTS Buy any individual tract, combination or whole property. FRACT #1: 59.1 acres with 51 acres tillable, balance in woods TRACT #2: 35.3 acres with 34 acres tillable, lots of road frontage TRACT #3: 52.8 acres of recreational woods with abundant wildlife

Mad River Township Kokomo Crosby **Celina Soils** Hunting Recreational Land



PREVIEW DATE: WEDNESDAY, OCT, 27 FROM 3 TO 5 P.M. OR WALK THE LAND ANYTIME AT YOUR LEISURE

TEAM 3 FARMS LLC, OWNER FOR DETAILED BROCHURE CALL 800-450-3440 or www.wilnat.com



INSPECTION: Wednesday, NOV 10TH - Friday, NOV 12TH from 9:00 A.M. to 4:00 P.M. EST.

TERMS: Cash or Good Check w/valid picture I.D. Nothing removed until settled for. Not responsible in case of accident or theft. All items sold As-Is.



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UPCOMING AUCTIONS

Benton County, IN: November 8 • 152.8^{+/-} Acres • 2 tracts Farmland with Wind Turbine Income • Contact: John Bechman 765.404.0396

Wells County, IN: November 9 • 235.37^{+/-} Acres • 3 tracts Quality Farmland • Contact: Rick Johnloz 260.827.8181

Clinton County, IN: November 9 (ONLINE) • 37.75^{+/-} Acres All Tillable • Contact: Sam Clark 317.442.0251 | Jim Clark 765.659.4841

Henry County, IN: November 10 (ONLINE) • 69+/- Acres Contact: Larry Jordan 765.473.5849 | AJ Jordan 317.697.3086 Michael Bonnell 812.343.6036 | Dave Bonnell 812.343.4313

Parke & Vigo Counties, IN: November 10 • 327.83^{+/-} Acres 6 tracts • Cropland • Buildings/Site Contact: Todd Litten 812.327.2466

Howard County, IN: November 11 • 36^{+/-} Acres • Good Farmland Contact: Larry Jordan 765.473.5849 | AJ Jordan 317.697.3086 | John Miner 765.438.2699

Tipton County, IN: November 15 • 90^{+/-} Acres • 3 tracts Very Productive Farmland • Contact: John Miner 765.438.2699

Hamilton County, IN: November 16 • 70^{+/-} Acres • 2 tracts Productive Farm Ground • Contact: John Miner 765.438.2699

Edgar County, IL: November 17 (ONLINE) • 138.3^{+/-} Acres 3 tracts • Productive Farmland & Partially Wooded Tract Contact: John Bechman 765.404.0396 | Jaret Wicker 765.561.1737

Tipton County, IN: November 17 • 80^{+/-} Acres • 1 Tract **Highly Productive Farm Ground** Contact: John Miner 765.438.2699 | Jaret Wicker 765.561.1737

Hamilton County, IN: November 23 • 129.73^{+/-} Acres • 6 tracts Contact: Sam Clark 317.442.0251 | Jim Clark 765.659.4841 | Jaret Wicker 765.561.1737

LaPorte County, IN: November 30 (ONLINE) • 49.98^{+/-} Acres • 2 tracts Contact: Julie Matthys 574.310.5189 | Kelsey Sampson 219.608.4341 | Larry Smith 219.716.4041

FEATURED LISTINGS

Kosciusko County, IN: 38.43^{+/-} Acres • Large Pullet House Tillable • Contact: Jon Rosen 260.740.1846



800.424.2324 • halderman.com HRES IN Auct. Lic. #AC69200019, IL Lic. #417.013288 MI Lic. #6505264076.

IDCOMU

Real Estate Services AUCTIONEER: RUSSELL D. HARMEYER, IN Auct. Lic. #AU10000277, IL Auct. Lic #441.002337 & OH Auct. Lic. #2001014575 In the town of Burney, you can vote as often as you want

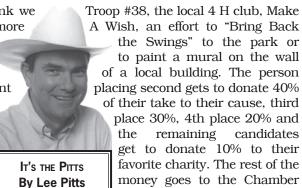
After last year's election I think we need a voting system that is more transparent and honest and instead of copying Venezuela's election process I think we ought to adopt the arrangement employed in the wonderful northern California town of Burney.

This community is famous for its fishing, the fact that one of their citizens once appeared on the Price Is Right, and part

of the movie "Stand By Me" was filmed in its environs. I keep up on the local news because for decades the Northern California Traveler carried my column and when they ceased publishing, The Intermountain News picked up my column. I have also been to the area countless times and the skies were always blue, the air fresh, the water pure and the fish were biting. I always thought it would be a great place to live. Unfortunately for me when I looked in the classifieds the only jobs available seemed to be for "strip and chain pullers" and I have no idea what they are, let alone how to do it.

Years ago I saved a clipping from the paper that detailed how Burney elected their honorary mayor and I thought enough of it to save it for several years. In Burney's honorary mayoral election you can vote as many times as you want. The catch is that every vote costs a dollar. Simply put, the election is more like an auction with the prize going to whoever collects the most cash. If we're being honest, it's very much like the way we run our elections now only Burney gets rid of the middleman... the lobbyists.

The election is sponsored by the Chamber of Commerce and the money raised goes to charity. The winner gets to designate 50% of what they collect to their favorite charity like Boy Scout



to paint a mural on the wall of a local building. The person placing second gets to donate 40% of their take to their cause, third place 30%, 4th place 20% and the remaining candidates get to donate 10% to their favorite charity. The rest of the money goes to the Chamber of Commerce to improve the

community.

The candidates put up polling places wherever they want and collect the ballots, in this case in the form of cold hard cash. See how much more transparent Burney's elections are? There is a candidate's forum, usually at a park or Gepeto's Pizza, where the locals can meet and greet the candidates, and ask them piercing and probing questions like, "If you were on American Idol which song would you sing?" Or, "What super hero would you like to be?"

Many of the candidates come up with catchy slogans like "Don't be a schmuck vote for Luck". They put up signs around town and some even have campaigns managers. The news clipping I saved introduced the candidates and their promises. For example, Dusty vowed to get Nike to move their international headquarters to Burney and then fully support the Burney Raiders athletic department. Katie, a waitress, promised, "If elected I will bring a fashion mall to downtown Burney." Brooke, a bank teller said, "I would promise to put an end to all the gossip, drama and rumors that spread through the intermountain area on a daily basis."

Good luck with that.

Corey, a pastor, promised, "I would coordinate a strategy team that would work with existing businesses, government and non-profit agencies to develop a long range plan to increase and diversify the income stream coming into Burney."

No offense pastor, but you sound like the kind of politician we already have too many of.

wwwLeePittsbooks.com



REAL ESTATE

NOVEMBER

5 105± ACRES IN 6 TRACTS. <u>Wells County, IN</u>. Contact Al Pfister 260-760-8922.

10 89± ACRES IN 1 TRACTS. Benton County, IN. 80% Drummer Silty Clay Loam • Excellent Crop Yields • Hickory Grove Twp. – Benton County • 85± Tillable Acres. Contact Gene Klingaman 260-229-2401 or Drew Lamle 260-609-4926.

15 134+ ACRES IN 5 TRACTS. Whitley County (Columbia City, IN). Tillable Land • Wooded, Recreational Land • Country Homestead. Contact Arden Schrader 260-229-2442.

17 211± ACRES IN 5 TRACTS. <u>Fennimore, WI</u>. Excellent Turn-Key Dairy Operation • Multiple well-maintained buildings • 1550 Milking Holstein Cows/225 Dry Cows/1600 Total Heifers • Sand Reclaimation System • 130,000± Bu. Grain Handling Unit • 30-150 head per Cow Lot (Subject to lactating cycles & culling). Contact Chris Hoffman 608-885-0005 or Ďarrell

FARM EQUIPMENT & PER-SONAL PROPERTY

NOVEMBER

5 PERSONAL PROPERTY – TIMED ONLINE ONLY. Larwill, IN. Contact Phil Wolfe 260-248-1191.

6 PERSONAL PROPERTY – TIMED ONLINE ONLY. Columbia City, IN. Contact Phil Wolfe 260-248-1191.

13 FARM EQUIPMENT. LaGrange, IN. Contact Robert Mishler 260-336-9750.

16 PERSONAL PROPERTY - TIMED ONLINE ONLY. North Manchester, IN. Contact Phil Wolfe 260-248-1191.

18 PERSONAL PROPERTY – TIMED ONLINE ONLY. Woodburn, IN. Contact Robert Mishler 260-336-9750.

18 PERSONAL PROPERTY – TIMED ONLINE ONLY. LaGrange, IN. Contact Robert Mishler 260-336-9750.

FORMERLY THE D SHOPPE **GIFT STORE, FIELD NEEDLER & HART ESTATES No Buyer's Premium** SAT. Nov. 13 - 10:00 А.М. 5243 S. Adams St., Marion, IN Between Marion & Jonesboro on SR 15 (Adams Hundreds of new items from the Former D Shoppe Gift Shop in Wabash! Also, hundreds of Christmas items (mostly new) and seven totes of Halloween we missed from the Sharon Field Estate! Great Christmas Shopping Opportunity for top quality items that are brand new will be available at auction! Lots of box lots as well! In addition we will be selling a complete line of furniture from the above mentioned estates and from the D Shoppe. New Amana washer, Kenmore upright freezer, flat screen TV, household, collectibles, primitives - a large offering - our typical size auctions! We will be running two rings as usual. Plan to spend the day in our comfortable facility with seating, good food, TV monitors for item viewing, and convenient parking. Terms: Cash, Good Check w/photo ID, MasterCard, Visa, Discover. A 3% convenience service fee will be added to buyer total for credit cards. No fee for debit cards. Not responsible for accidents. Lunch available. Photos on www.priceleffler.com PRICE-LEFFLER AC63003873 COMPLETE SALES SERVICE 5875 S. 700 E., GAS CITY, IN 46933 Merv Leffler 765-674-4818 AU01016000 WAYNE PAVEY ERIC DRAPER DANIEL MATTUCCI AU10200060

Jrapp 608-558-6852.

19 115.8± ACRES IN 3 TRACTS. Monticello, IN. Quality Soils • High % Tillable • Great Location. Contact Jerry Ehle 866-340-0445.

22 146± ACRES IN 5 TRACTS. Cambridge City, IN. 122.36 FSA Cropland Acres • Frontage on Both Sides of US 40, Pennville Rd & Jacksonburg Rd • Between Cambridge City & Centerville • Well Kept County Home • Great Combination of Cropland, Investment Opportunity, Recreation Tract & Billboard Income • Cambridge City Schools • 2022 Crop Rights Being Conveyed. Contact Steve Slonaker 765-969-1697 or Andy Walther 765-969-0401.

DECEMBER

7 102± ACRES IN 10 TRACTS. Boone County (Belvidere, IL), 51± & 43± Acre Tracts Plus 8 Residential Lots • Potential Residential Development Property w/ Access to Sanitary Sewer & City Water • 8 Large Residential Lots from .79 to 1.21± Acres in Impressive River Run Subdivision • Productive Tillable Land. Contact Matt Wiseman 219-689-4373 and Jason Minnaert 309-489-6024.

> Check our website daily for auction updates and real estate listings — Over 60,000,000 hits annually



20 FARM EQUIPMENT. South Whitley, IN. Contact Ritter Cox 260-609-3306 or Arden Schrader 260-229-2442.

23 PERSONAL PROPERTY – TIMED ONLINE ONLY. Columbia City, IN. Contact Phil Wolfe 260-248-1191.

23 FARM EQUIPMENT – TIMED ONLINE ONLY. Bluffton, IN. Contact Ritter Cox 260-609-3306.

DECEMBER

2 PERSONAL PROPERTY – TIME ONLINE ONLY. Plymouth, IN. Contact Robert Mishler 260-336-9750.

4 FARM EQUIPMENT. Payne, OH. Contact Ritter Cox 260-609-3306.

7 FARM EQUIPMENT. Frazeysburg, OH. Contact Ritter Cox 260-609-3306.

9 FARM EQUIPMENT. Goshen, IN. Contact Arden Schrader 260-229-2442 or Lee Beer 574-518-9109.



ADAMS CO., IN - 10± ACRES/HOG FARM - Nursery and Finishing Facility. 3 barns, 1 nursery with a capacity of 4,000 pigs, 2 finishing barns with capacity of 2,800 pigs, and 1.8 million gallon lagoon all situated on 10 acres. Contact Al Pfister 260-760-8922 (AP20A)

MADISON CO., IN - 22.7 + ACRES with 15 + Acres cropland and 7 + Acres nice rolling pasture. Northwest corner of Anderson, IN on Anderson/ Frankton Rd. 373 ft. of frontage. 2022 crop rights available. White vinyl fence and ready to be your mini farm. \$8,250/acre. Call Rick Williams, 765-639-2394. (SS36M)

different kind of treasure

Matthew 6:19-21 "Do not store up for yourselves treasures on earth, where moth and rust destroy, and where thieves break in and steal. But store up for vourselves treasures in heaven . . . for where your treasure is, there your heart will be also."

I love living in an old farmhouse. The spacious rooms trimmed with wide boards, decorative staircase and oversized windows create a sense of

comfort and nostalgia from slower paced and simpler days. But the one thing that many old farmhouses lack is sufficient storage for our modern times. Our original one-foot-deep closets housed only a few wooden pegs and not much more. I guess the people of years ago didn't have the same need or opportunity to collect "special" treasures as we do today.

Needless to say we needed a plan to store our many important items for future use. So, we built an addition to the old home and included a small basement underneath. This spot has become our best storage area for important stuff until recently.

A few weeks ago when the sky let loose and the creek flooded we found ourselves in a pickle. The sump pump in our basement couldn't keep up and in a few short hours we had nearly a foot of water filling our cellar. Tubs of special dishes fell over, the freezer lifted off the ground and shelves of items started floating away.



rescue with a long hose and pump and after a few days we were able to sort through and wash most of our important treasures. But you wouldn't believe what we threw away. All of a sudden, the things I had thought so important didn't have much value anymore, and they ended up in the trash.

This experience was a very real reminder of what Jesus

said in His Sermon on the Mount. We shouldn't focus our attention on storing up earthly things without any thought for the heavenly. The treasures of earth don't last. Over time they can be stolen, become rusted, moth eaten, or even ruined by a flood.

Jesus implored His listeners to store up treasures in heaven instead of on earth. These only grow more precious over time and the lasting value is exponential. A kind word, a sacrificial financial gift to a friend, a merciful act for a hurting neighbor - these are treasures that last for eternity.

So, if you are pondering a need to create more space in which to stockpile your special treasures, you might want to reconsider. Why not give those things away and start accumulating heavenly treasure instead? Your heart will be in the right place and you'll never have to worry about a little water in the basement.



Fairgrounds, 213 Fairview Ave., Washington C.H., OH

Buy any individual tract, combination or whole property.

ROSS COUNTY LAND

TRACT 1: 101 ACRES with 93.7 acres tillable. Home and older outbuildings. Kokomo, Miamian, Crosby soils. Public sewer and water available.

LOCATED: In Frankfort, OH on County Road 550 across from Adena Schools. (Watch for signs) TRACT 2: 62.8 ACRES With 58.9 acres tillable. Crosby and Celina soils.

LOCATED: 2.5 miles SW of Clarksburg off SR 138 on Egypt Pike, 1/4 mile SE of 138 & Egypt Pike intersection. (Watch for signs)

Ross County Preview Date:

Friday, October 29

Meet agents on 101 acres in Frankfort, OH

TRI-STATE Farm, Construction & Municipality Equipment Semi-Monthly Online Consignment Auction – MI, IN & OH @ www.BidNow.us

Bidding Begins Closing Wednesday, November 17th



We are changing the name from our Statewide Auction to the 'Tri-State Equipment Auction' as we begin to expand into Indiana and Ohio

To promote the expansion, we have signed up with 'Machinery Pete' to begin advertising consigned pieces of equipment on their database which will appear alongside the Nationwide Equipment Dealer Listings! What this means for our consignors, is that when someone searches a specific model tractor, or other piece of equipment, they will see what the dealers have available as well as the same models that are available on our auctions. Our Auctions are also now listed on Machinery Pete's Upcoming Auction Calendar, as well as banner ads throughout the website.

We are also beginning to advertise the Consignment Auction in Out of State publications with circulation in MI, IN, OH, IL, KS, MO and bevond!

Attention: In order to take advantage of this new partnership, we need your consignments early!

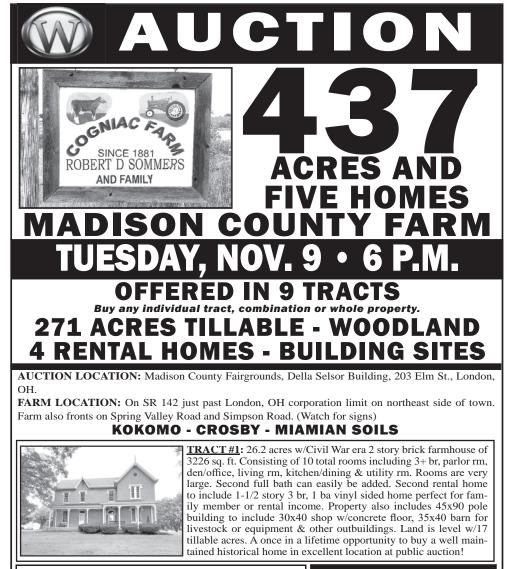
Visit our website to view updated list of equipment throughout the states and contact telephone numbers for inspection! Call the office if you need assistance placing your bid. We can place bids for you!

NOW ACCEPTING CONSIGNMENTS for UPCOMING Tri-State Farm & Construction Equipment Online Auctions @www.BidNow.us

- · Leave equipment at your location eliminate transportation costs! • No commission charged to the seller! (Low entry fee.)
- Email photos and descriptions to us or call us to take the photos for a small fee.
- · Give us a try and find out why thousands across Michigan and beyond are using our site to buy and sell their equipment!

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1 to 3 P.M.

or walk land anytime at your leisure

FAYETTE COUNTY LAND

TRACT 3: 11.7 ACRES Super building site with 9.3 acres tillable, balance in woods. Lots of road frontage.

LOCATED: 4 miles east of Washington C.H. on US Rt 22. (Watch for signs) TRACT 4: 80 ACRE GRAIN FARM with 75 acres tillable. Brookston, Miamian, Crosby soils. LOCATED: SE of Washington C.H. right off Rt. 35 on Bogus and Robinson Road. (Watch for signs)

Fayette County Preview Date:

10 a.m. to 12 noon

Friday, October 29 Meet agents on the 80 acres at Rt. 35 & Bogus Road or walk land anytime at your leisure

GOOD HOPE PROPERTIES - FOR INFORMATION ON HOME, ACREAGE AND LOTS GO TO WWW.WILNAT.COM

ELAINE VANZANT - GOOD HOPE ACRES LLC, OWNER FOR DETAILED BROCHURE CALL 800-450-3440 or www.wilnat.com



FRACT #2: 159.6 acres vacant land w/156 ac. tillable. Fronting on SR 142 & Simpson Road

TRACT #3: 115.4 acres vacant land w/100 ac. tillable. Fronting on SR 142

TRACT #4: 23.6 acres vacant land. Super building site for lifestyle farm, 20 ac. tillable. Fronts on SR 142

TRACT #5: 24.1 acres vacant land, corner location SR 142 and Spring Valley Road w/16 ac. tillable, balance in trees and pasture. Also joins Deer Creek

TRACT #6: 81.3 acres vacant land. Super wooded parcel, excellent for building a home or recreational/hunting. Deer Creek runs thru property. Frontage on Spring Valley Road

TRACT #7: Older 2 story, 3 br, 1 ba., 1688 sq. ft. home on 2.3 acres on Spring Valley Road

TRACT #8: Older 1 story, 3 br., 1 ba, 1360 sq. ft. home on 2.5 acres on Spring Valley Road

TRACT #9: Older 1-1/2 story 4 br., 1 ba., 1662 sq. ft. home on 2.3 acres. Corner of SR 142 & Spring Valley Rd

REVIEW DATES: **TUESDAYS, OCT.** 12 & 26 & NOV. 2 FROM 3 TO 5 P.M. & SATURDAY, NOV 6 FROM **10 AM TO 12 NOON**

AUCTIONEER'S NOTE: This farm has been in the same family since the 1800's. There is a wide variation of land within this farm. Regardless of what type of land you are looking for you should find it in this auction. The farm is in an excellent location next to the corporation limit which certainly promotes potential future development opportunities.

COGNIAC FARMS LLC Owners

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A REAL ESTATE & Auction Group Mark Wilson and Brandon Wilson, Auctioneers



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Online Only Auction
 For bid registration, bidding and livestream viewing, visit MurrayWiseAssociates.com
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175 Acres +/- offered in two tracts

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Deere 3020 gas w/ WF, "Synchro Range", 6024-hrs.

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7

It's not too early to think about biosecurity for winter

By Doug Schmitz Iowa Correspondent

FAYETTE, Iowa – With cold and freezing temperatures just around the corner, it's not too early for hog producers to get their animal safety and biosecurity protocol in place, according to industry experts.

"As fall approaches, producers should check or assess the interior and exterior of pig buildings," said Mark Storlie, Iowa State University swine specialist. "Look at fans. Are blades, shutters and discharge cones clean and in good repair?

"Look for gaps under doors, manure pump-out covers, or where feed or electrical lines enter the building," he added. "Look for tears or holes in sidewall currents."

In fact, these are potential entry points for rodents and air leaks, he said. "The leaking air can become a 'cold draft,' which can chill pigs directly, but the leak also disrupts the ventilation system of the barn. The curtain holes become additional air inlets and may impact how air is distributed throughout the room by the ventilation system."

For older buildings, the roof steel and trusses should be inspected periodically to avoid a roof failure due to snow load, he said.

"Depending upon initial design, material quality and ventilation management, exhaust air can travel up the eve and into the attic area," he said. "The combination of some gases and time can corrode the roof tin and degrade truss nail joints."

Chris Rademacher, DVM, an Iowa State College of Veterinary Medicine clinical professor and swine extension veterinarian, said there are several areas that benefit the animals, as well as the hog producers. "One of the biggest is to ensure that any holes, cracks and crevices are properly sealed," he said. "These cause drafts during the winter, which can disrupt the proper ventilation of the building, and chill or stress pigs that the draft is directed toward.

"These also generally result in more heat needing to be generated for the buildings, which will cost the producer more money as well," he added. "Ensure that any ventilation fans are properly cleaned and maintained going into winter. Dust and dirt accumulation on fan blades can cause the motor to run less efficiently, which will reduce ventilation rates, and may cause pigs to get sick."

Storlie said a well-maintained building can also keep pigs comfortable, be more energy efficient and improve biosecurity, which, he added, are procedures intended to protect animals against disease, or harmful biological agents.

"Biosecurity for a farm or building site then encompasses everything, and every person that enters the site could be a vector to bring disease or a biological agent to the farm," he said. "While it may be impossible to eliminate the risk, we can minimize the risk of disease transfer by establishing standard operating procedures, and the healthy state of mind of owners, managers, and daily caretakers."

He said producers need to consider the frequency of people, inputs (i.e., feed, supplies, fuel, etc.), and outputs (i.e., pigs, manure, mortalities, etc.) entering and leaving the site.

"Where had the people, truck, item been before coming to this site?" he said. "How can we minimize the frequency of site entry? Daily caretakers need to every day, yet establishing a standard operating procedures for site entry such as a 'Clean/ (Biosecurity continued on page 19B)

•	JOE CLEMENTS RETIF FARM EQUIPM				
Λ	•				
	CARLISLE, INDIANA (35 M	I SOUTH OF TERRE HAUTE)			
Ń	BEGINS CLOSING SATURDAY. NOV	EMBER 20, 2021 @ 10:00 AM EST			
D		and US 41, turn east on St Rd 58 for ¹ / ₄ mi, turn north on Old 41 (Alexander Street)			
	and proceed 1 $\frac{1}{2}$ mi to Co Rd 700S, turn east and go 1 mi to Co Rd 200E, turn nor				
	INSPECTION: Monday, Nov. 15th - Friday, Nov. 19th from 9 AM – 4 PM EST daily				
i	AUCTIONEER'S NOTE: Mr. Clements has a SUPER line up of modern, vintage, and antique	farm equipment that has all been shedded, well maintained, and serviced by John Deere. Joe			
E	said his newer equipment has the updates and ready to go to work. As you can see, he has ne	ever traded in his older equipment; it is farm fresh, 1-owner, always shedded and ready for you! Horse" style finish, visit bostoncentury.hibid.com NOTE: NO Buyer's Fee!			
D	MODERN TRACTORS: 2013 JD 8335R MFWD w/IVT, ILS, leather, front and rear Michelin duals	SEMIS: 2006 Freightliner "Columbia" tandem day cab w/air ride cab and susp., 14.0L, Detroit,			
J)	(1-owner, 338-original hrs, SN 1RW8335RCDD080152); 2007 JD 8430 MFWD w/IVT, ILS, leather	"Smart Shift" automatic, 174" w.b. (white, 562k); 1991 IH 9400 tandem day cab, air ride susp., Cum-			
	front and rear duals (1-owner, only 1501-original hrs, SN RW8430D016572); 1997 John Deere	mins L10-310 hp, wet kit, E-F 9-spd, 180" w.b. (white, 710k).			
	8100 MFWD, "Power Shift", front and rear Michelin duals (1-owner, only 2811-original hrs, SN RW8100P012127); UTILITY: 2009 John Deere 5055D , 2WD, diesel utility, 1-owner, 482-hrs.	SPECIALTY: Soilmover 9-yd dirt pan; Doyle 6', 3-pt gravel disk; La Crosse 25' + 2' useable, drop- deck seed / chemical trailer and equip (no title).			
	TECHNOLOGY (all receivers and displays updated to latest version): (3) John Deere StarFire	AUGERS (all shedded and low usage): Westfield 61'x13" swing-away auger w/hyd raise; (2)			
	3000 receiver RTK radio 450's; John Deere 2630 display w/SFII Auto Track; (2) John Deere 2600	Westfield 71'x10" swing-away augers w/hyd raise; Mayrath hyd drive hopper unloader.			
R	display's w/SFII Auto Track.	GRAIN and AUGER CARTS / GRAVITY WAGONS: Killbros 1200 grain cart (600 bu.); (2) Grain-			
D)	VINTAGE TRACTORS: 1967 John Deere 4020 diesel, WE, Synchro Range, 6652-hrs: 1967 John	O-Vator auger carts; several gravity flow wagons.			

EQUIPMENT: Land Pride 3-pt, 10' hyd grader blade; JD 115, 9', 3-pt blade; JD 8', 3-pt blade; Lewis 500-gal, p.t. spot and fence row sprayer; May Wes "Little Wesley" Walker self-prop, 3-whl sprayer;

S T O	COMBINE, HEADS, and CARRIERS: 2015 John Deere S660 Corn Combine w/RWA, Tristream rotor, and much more! (This is a SUPERIOR QUALITY, 1-owner combine w/the seats still covered in the original plastic, ONLY 490 sep/736 eng hrs, has had the updates); 2012 John Deere 635FD, 35' "Hydra Flex" belt head (1-owner, very low acres of use); 2010 John Deere 608C, 8R30 corn head (1-owner, very low acres of use); UF HT30 head carrier; J&M HTS, 20' head carrier. PLANTERS: 2009 John Deere 1790 CCS Seed Delivery 16/32 mechanical drive no-till planter	500-gal, p.t. spot and fence row sprayer; May Wes "Little Wesley" Walker self-prop, 3-whi sprayer; Woods 6', 3-pt rock rake; Danuser 3-pt, 18" p.h. digger; JD 407, 7', 3-pt rotary mower; Frontier 6', 3-pt rotary mower (near new); Bush Hog 62", 3-pt tiller; (2) 1000-gal water / fert tanks on gears (1-stain- less, 1-alum); JD 400, 28', 3-pt end transport hoe; JD 75, 8RW end transport cult; 25' tandem dual wheel tilt deck equipment trailer w/ pentle hitch (no title); MISC.: (4) 500-gal LP tanks; 1000-gal LP tank; and more! DUMP TRUCKS: 1988 IH S1954, S.A. w/10' gravel bed, 6-cyl IH diesel; 1981 IH S1854, S.A. w/12'
N	(1-owner, only 7,646-acres in its life); John Deere 1770NT , 16x30 Box Vac Planter w/liquid fert (1-owner, only 16,235 acres in its life, SN A01770Y700294).	Galion gravel bed, DT466 diesel.
	SEED TENDER: UF 3750 "Seed Runner" w/Digi-Star scales, seed treater, and more on tri-axle b.h.	ANTIQUE "BARN FIND" TRACTORS (Not Running): Original 1956 John Deere 420 gas utility w/3-pt; 1936 JD "A", unstyled; 1937 JD "B", unstyled; 1950 John Deere "B", styled; 1945 Farmall
	trailer (low usage).	"B"; 1952 Farmall Super "C" w/single front wheel; 1951 Farmall "H"; 1956 Case 300 gas utility
	TILLAGE: LANDOLL 7431-29, 29'x7", "VT Plus" (1-owner, low usage); GREAT PLAINS 3000TM,	w/ Eagle hitch.
\mathbf{X}	30' VT tool w/ rear rolling basket (1-owner); PHILLIPS 4505, 45' rotary harrow, nice (1-owner); CIH	ANTQUE and VINTAGE EQUIPMENT: JD 290, 3-pt, 2R planter; JD 290, p.t., 2R planter; JD 825,
	2500, 8-sh, 3-pt, no-till ripper; DMI 2500, 7-sh, 3-pt no-till ripper; JD 1000, 32', p.t. field cultivator;	3-pt, 3-16" roll-over plow; JD 3pt, 3-bott. plow; JD 4-bott, p.t. plow; JD F145, 5-16" s.m. plow; JD "B"
	JD 2800 "Vari-Width" 8-bott onland plow; JD 2450, 7-16" onland plow; IH 720, 5-16" s.m. plow; JD	14x7 and 12x7 drills; JD 12', 2-section roll-up harrow; (2) JD 4020-style quick hitches; JD 4020-style
Λ	1600, 13-sh, 3-pt chisel; (2) JD 331 hyd-fold disks w/9" spacing (27' and 23'); JD 1635, 12'x11" disk	pad weights and brackets; IH? 11' wheel disk; JI Case 10' wheel disk; Ford 3-pt, 7' disk; 1949 Ford
	w/23" conical blades.	F4 seed cleaning truck w/ fan mill; JD 4R front mount cult; JD "Roll-A-Matic" front end; (2) JD 3020 /
	HOPPER BOTTOMS: 2011 Timpte 331/2', air ride, ag hoppers, power doors, roll tarp, Alloy wheels;	4020 roll bars; Clipper 2B seed cleaner; 3-pt slip scoops; McCormick-Knapheide 14' metal grain wag-
U	2006 Timpte 331/3', spring ride, ag hoppers, power doors, roll tarp, (Both w/local farm use only).	on w/hoist (nice); (2) 14' grain wagons; (4) AC No 78 planter units; 11', 13', & 15' Brillion cultipackers.

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Butter stocks heading lower; but plenty of product still available

U.S. butter stocks keep heading lower after falling below those of a year ago in August for the first time since June 2019.

The Agriculture Department's latest Cold Storage report shows the September 30 butter inventory at 330.1 million pounds, down 32.6 million pounds or 9% from the August level, which was revised 4.2 million pounds lower than what was reported a month ago. Stocks were down 13.8 million pounds or 4.0% below September 2020.

American type cheese stocks jumped to 844.1 million pounds, up 17 million pounds or 2.1% from August and were 71.5 million pounds or 9.3% above those a year ago. The August level was revised up 3.5 million pounds.

The "other" cheese category climbed to 592.2 million pounds, up 8.6 million pounds or 1.5% from August, and 31.5 million or 5.6% above a year ago.

The resulting total cheese inventory stood at 1.46 billion pounds, up 25.5 million pounds or 1.8% from August and 104.6 million or 7.7% above a year ago.

Butter stocks were 7 million pounds lower than StoneX forecast but they add the caveat; "Stocks last year were very heavy, so being down 4% still leaves butter stocks at adequate levels. With milk production expected to stay weak and cheese production expected to stay relatively strong we are going to continue to pull butter stocks down and that should be supportive for prices."

Cash dairy product prices at the Chicago Mercantile Exchange ended October with cheese heading lower and butter, powder, and whey climbing, as traders anticipated the next Global Dairy Trade auction on Nov. 2 and the September Dairy Products report on Nov. 4.

Cheesemakers are busy according to Dairy Market News. "Plant managers report existing employees working overtime to fulfill needs is the strategy, and even then there are shifts not being staffed." Cheese customers have also been very busy. Demand for all varieties is strong.

Butter producers say cream remains tight, if not tighter. Production schedules are reportedly stunted, due primarily to plant employee and driver shortages. There have been recent improvements in hiring, but the timeframe for a more normal production situation is unpredictable, according to plant managers. As manufacturing geared for holiday retail order surges, bulk butter availability has declined and prices have done the opposite. Butter market tones are notably bullish, says DMN. Some believe this shift could be short-lived while others are "viewing 2022 through a different lens."

Cash Grade A nonfat dry milk closed

CME dry whey closed Friday at 63 cents per pound, up 1.25 cents on the week, highest since May 26, up 5 cents on the month, and 23 cents above a year ago. There were 6 sales on the week and 16 for the month, up from 13 in September. Domestic and international whey demand is good.

On farm milk output is increasing in most areas of the country, according to the US-DA's weekly update, though there are reports that it's slightly tight in areas of the Northeast.

Milk output is up in parts of the West, although Pacific Northwest contacts relay that milk supplies are somewhat lighter.

Bottling demand is mostly steady. Seasonal retail products, like eggnog and aerated cream, have increased production for customer demands. Cream markets

(Mielke continued on page 17B)

The Best of Spaulding Outdoors is the best of Jack Spaulding's columns over 30+ years. Enjoy his humorous trials in the outdoors, and colorful stories of his rural Indiana childhood. Available through Amazon.com in paperback for \$14.95, and for Kindle at \$3.99.



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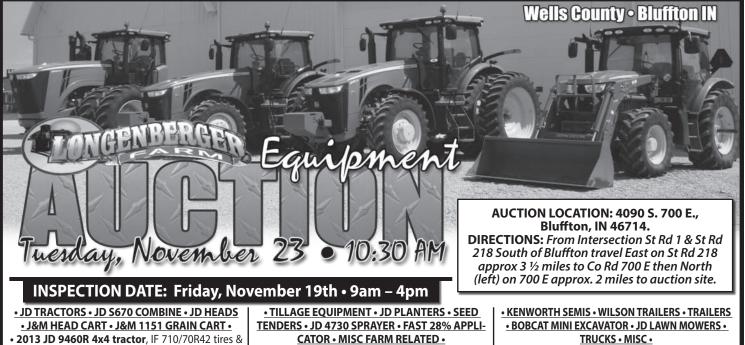
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• 2014 C-IH 875 disc ripper, 9 shank, 24" spacing,

wear guards, hyd front & rear disc w/hyd reel • 40'

2018 McFarlane Incite vertical tillage tool, hyd

double fold, hyd angle adj, 3 bar harrow w/reel,

walking tandems, rear hitch • 41' 2019 Unverferth

1645 D crumbler, hyd fold, gauge wheels, HD

basket, HD firmer rollers • DMI 2500 inline ripper,

5 shank, wear guards, gauge wheels, 3pt • 20' JD

1100 field cultivator, 3pt, hyd fold w/Remilinger 3

bar harrow • JD F-125 plow, 3 btm, 3pt (new iron)

12' IH 370 disc • 2014 JD 1790 CCS planter, 16/32,

no till, hyd variable rate, Keaton seed firmers, pneu-

matic down force, Pro drives, JD rate controller, cast

closing wheels · 2010 JD 1770 NT CCS planter,

24x30, clean sweep, Martin row cleaners, elec. drive,

PP V-set, Delta down force, Keaton firmers, 600 gal

main & 200 gal wing liquid fert 2x2, scales, 1 rub-

ber 1 Dawn closing wheels (nice) • 2020 J&M 390

LC seed tender, tri-axle, scales, talc applicator, hyd

fold V-belt. Honda power elec start, remote control

Friesen 4 box seed tender, tandem axle, manu-

al conveyor, Honda power elec start, top control

2012 JD 4730 sprayer, 420/80R36 tires, 800 gal SS

tank, 100' hyd fold boom, SS plumbing, 5 way noz-

zle bodies, right hand fence row nozzle, inductor,

Norac boom control, water tank, auto steer ready,

800 hrs • 2014 Fast 28% applicator, Model 8224,

TRUCKS • MISC •

• 2002 Kenworth T800, day cab, new 11R-22.5 tires, C-12 Cat 430hp, 10sp, air ride, 190" wheel base, 1/2 fenders, alum rims, wet kit, headache rack, 380,050 miles, (2nd owner) • 1997 Kenworth T800, day cab, 11R-22.5 tires, Cat 3406E 475hp, 10sp, air ride, alum rims, full fenders, 182" wheel base, 425,870 miles • 1996 Kenworth T800, day cab, 11R-22.5 tires, Cat 3406E 475hp, 9sp. air ride, alum rims, full fenders, wet kit, 190" wheel base, in frame overhaul at 175,000 miles, 212,350 miles (1 owner) • 39' 2018 Wilson Pace Setter, alum hopper trailer, 11R-24.5 tires, 96" wide, alum rims, air ride, LED lights, elec tarp • 39' 2012 Wilson Pace Setter, alum hopper trailer, 11R-24.5 tires, 96" wide, alum rims, air ride, stainless front & back, elec tarp • 39' 2011 Wilson Pace Setter, alum hopper trailer, 11R-24.5 tires, 96" wide, alum outside rims, air ride, stainless front & back, elec tarp · 32' 1991 East alum dump trailer, 96" wide, alum frame, new 11R-24.5 tires, liner, grain chute, roll tarp, new bushings & brakes • 40' 1976 Tag Along, drop deck nurse trailer, 3100 gal Norwesco elliptical tank, 1600 gal Norwesco elliptical tank, 3" plumbing, Honda motor elec start & pump, inductor, 8.25R-15 tires · 25' 2010 Corn Pro tandem trailer, Pintel hitch, 14,000 lb, 20' deck, 5' beaver tail, folding ramps • 1980 Brenner Straight barrell SS tanker, new 11R-22.5 tires, Honda motor elec start & pump, 3" plumbing • Bobcat 331 mini excavator, diesel, blade, 2' ditch bucket, 18" buck-2006 hrs • JD Z925 0-Turn mower, 60" deck, 475 hrs • JD 420 lawn mower, hyrdo, front hyd, PS, 3pt, 48" hyd deck • JD 318 lawn mower, hydro, PS, 46" hyd deck • JD CX Gator 4x2 (only 47 hrs) • 2015 Chevy 2500 HD LT pickup, 4x4, double cab, Reese hitch, (only 14,389 miles) • 1990 Ford L8000 dump truck, 7.8 diesel, 5 + 2 sp, 11R- 22.5 tires, 10' dump bed & hoist, rear hyd, rear hitch, 243,573 miles • 10,000 gal vertical fuel tank, 3" plumbing w/pump · 2000 gal skid fuel tank w/pump · 1000 gal, 500 gal, 275 gal, fuel tanks w/ pumps · LP tank 500 gal · (2) Norwesco 10,000 gal-**Ion** liquid storage tanks with 3" valves • **2500 gal flat** bottom poly tank • Portable fuel trailer, 500 gal, 110v pump, tool box • Stainless flange clamps 2" & 3" • (10) 3" Full port Banjo valves • (2) 3" Stainless strainers • 3" Plastic strainer • Many misc 3" & 2" fittings, T's, plugs, adapters wide varieties • 2" Banjo flanges & cam locks · 3" Banio meter · 2" Banio meter · Chemical meters & pumps · (3) Transfer motors & pumps 3" · Used oil tote, steel • Many other items used for farming · Tools · (2) JD 2630 screens w/activations · (1) 2600 screen w/auto steer • (2) 3000 globes RTK • 3000 globe SFI · JD weights & fender brackets · Kelderman corn reel, 8 row, w/JD brackets



the week at \$1.5575 per pound, 2 cents higher on the week, highest since Aug. 7, 2014, 16 cents above their Oct. 1 posting, and 45 cents above a year ago. Sales for the week totaled 13 loads and 17 for the month, down from 69 in September.



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hub duals, 5 remotes Beacon, HID lighting, leath-

er, Command Screen, front & rear weights, auto

steer, 1675 hrs • 2013 JD 8310R MFWD tractor,

480/80R50 tires & hub duals, 420/85R34 fronts, 5 re-

motes, 3pt & coupler, pto, Beacon, Premium Light-

ing, Command Screen, front & rear weights, auto

steer, 1340 hrs · 2013 JD 8285R MFWD tractor,

480/80R50 tires & hub duals, 420/85R34 fronts, 5 re-

motes, 3pt & coupler, pto, Beacon, Premium Light-

ing, Command Screen, front & rear weights, auto

steer, 1515 hrs · 2013 JD 6115R MFWD tractor,

460/85R34 tires, 380/85R24 fronts, 3 remotes, 3pt

& coupler, pto, Beacon shuttle shift w/H260 loader

joystick control & material bucket. 1835 hrs • 2014

JD S670 combine, 1250/50R32 fronts, 750/65R26

rears, Pro Drive, Premium cab, HID lighting, Bea-

cons, Command Screen, Contour Master, auto steer,

leather, Mauer ext w/ext, (put in service 2016), 1349 eng hrs, 921 sep hrs • 40' 2016 JD 640 FD Hydra flex

draper head, Contour Master, flip over reel, stub-

ble lights • 40' J&M 4W515 all wheel steer head

cart, light package · 2016 JD 608C corn head,

8x30, hyd deck plates, Contour Master, knife rolls,

stalk stompers every row, Row Sense light package

J&M Grain Storm 1151 grain cart, 1250/45-32

floater tires, corner auger, hyd spout, light package,

roll tarp (low use)

• 1974 JD 4430 tractor, open station, 18.4-38 tires, 2 remotes, 3pt, pto, 6951 hrs • 1972 JD 4320 tractor, 18.4-34 tires, 1 remote, 3pt, pto, front weights, 4819 hrs · 1971 JD 4020 diesel tractor, side console, Easy Step, 18.4-34 tires, 1 remote, 3pt & coupler, pto, front weights, 3410 hrs • 1971 JD 3020 diesel tractor, side console, Easy Step, 14.9-38 tires, 2 remotes, 3pt & coupler, pto, front & rear weights, 3042 hrs • 1970 JD 3020 diesel tractor, side console, 15.5-38 tires, 2 remotes, 3pt & coupler, pto front weights, 3821 hrs • 1970 JD 2520 diesel tractor, WF, side console, canopy, 15.5-38 tires, 1 remote, 3pt, pto front weights, (shows 58 hrs) • Farmall BN gas tractor, NF. 10-24 tires, pto

AUCTIONEER'S NOTE:

Tom & his family have been farming for many years. They have rented their farms and retiring from ag business. Their equipment was primarily purchased new or as a demonstrator. All equipment was thru routine inspection program at TTG Equip at Bluffton, IN. Don't miss your chance to purchase like new equipment that's ready to go! (Loader Available Sale Day).

25 knife, 2400 gal tank, 380/90R46 tires & duals, Fast coulters & knifes, PWM valve, hyd fold, water tank, 3" plumbing w/Green Star rate controller • Grader box ditch leveler, 3pt • 7' IH sickle bar mower, 3pt • 8' Root rake w/spring shanks, 3pt • 21.5 JD 5x7 tool bar, 3pt • Frontier rock rake, loader QT • Frontier loader attach. (new) · Set of Frontier pallet forks w/QT folding center boom · 6' JD 609 rotary mower, 3pt · JD 85 danish cultivator, 8x30, FF, long fenders • 32' & 20' Folding booms • AC planter unit • 8' CHE grader box, 3pt • 15.5' Flat Rack wagon Midwest bed w/JD 1065 gear · 7.5 Snow blade, hyd angle, skid loader QT · Grace Manufacturing Tree Terminator tree shear, hyd, skid loader OT, 10" trees, low use • 12' Kuntz box scraper, pull type • 12' Snow pusher, 3pt • 16' & 14' seed augers, hyd drive w/hoppers · 35' Krause K60 tube belt conveyor, hvd drive, 12" belt • Nurse trailer, 1000 gal SS tank, tandem, pump non-working 8"x28' Mayrath auger w/7.5 hp elec motor

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Energy-free sap collecting possible in the rolling hills

By Stan Maddux Indiana Correspondent

LEXINGTON, Ky. - People interested in maple syrup-making in Kentucky can use their rolling hills for drawing sap at a major cost savings.

That was one of the still relatively new tricks of the trade revealed during a Zoom workshop Oct. 14 hosted by the College of Agriculture, Food and Environment at the University of Kentucky.

It was the second in a series of workshops designed to spark interest in maple syrup-making to expand what's now a very small industry in the state.

One of the speakers was Mike Rechlin, a maple syrup producer in West Virginia and retired instructor on forestry and the environment at several colleges, including Yale University.

Rechlin said using buckets to collect sap is perfectly fine to start but maple syrup-making is "highly addictive" and beginners often want to increase production.

That can lead to hundreds of buckets placed underneath taps to collect sap, leaving producers overwhelmed from walking to and from their sugarhouse

every day to empty the pails.

He said a better alternative is running lines to taps to carry the sap to tanks even if syrup makers don't like to break from tradition and view having lines in their woods not as aesthetically pleasing. "It's really a lot easier," he said.

Traditionally, Rechlin said lines at 5/16 of an inch in diameter hooked to a vacuum pump to draw more sap out of trees have been used primarily by makers in all regions.

However, that's beginning to change as producers learn they can take advantage of their mountains and steep inclines to increase their bottom lines.

Rechlin said lines measuring 3/16 of an inch across don't carry nearly as much sap by volume. However, Rechlin said an experiment several years ago discovered the narrower lines used in hilly areas create their own vacuum to draw out sap when hooked to taps in the trees. "All you need is a slope," he said.

Rechlin said just under one inch of pull is created for every foot of elevation change. He said the amount of pull can equal what a vacuum pump creates de-(Energy-Free continued on page 18B)

Mielke

FROM PAGE 16B

are stable. Internal cream supplies are meeting the needs of end users. Cream prices have increased in the Central and Eastern region, says DMN.

It was a record third quarter for total dairy exports heading to China, says HGD, "due to WMP, fluid milk & cream, SMP and butter gains. Shipments to the Middle East were the strongest in three years in the quarter, driven by WMP and cheese.'

New Zealand is the Number 1 dairy exporter so the U.S. keeps a sharp eye on conditions "down under." They and the European Union are our biggest competitors in the international marketplace, and this at a time when dairy exports contribute more to U.S. dairy farm bottom lines than ever before.

Australian milk production in September was weaker than expected, according to StoneX's Dustin Winston, down 2.9% YoY. Fat and protein content were both down which left component adjusted production down 3.2%. Milk output for the '21/22 season is currently lagging 3.3%, says Winston.

Mexico is the U.S. biggest customer while Southeast Asia is a growing market. South Korea is a particularly large buyer of U.S. cheese. The Oct. 26 Daily Dairy Report stated; "South Korea remains in a dairy deficit and will continue to be a key cheese market for U.S. exporters going forward, according to a new USDA Global Agricultural Information Network (GAIN) report."

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Energy-Free

From Page 17B

pending on the difference in elevation and distance between the sugarhouse at the bottom and taps up the hill.

"The more vacuum, the more sap flow and it's free," he said.

Using strictly gravity eliminates the need for costly vacuum pumps and the fuel to keep them running. "It changed the industry in West Virginia. Kentucky is also well endowed with slope," he said.

Rechlin also talked about the time-saving need for a reverse osmosis machine for people interested and just beginning to make syrup.

He said reverse osmosis machines to remove water from sap cost anywhere from \$70,000 to \$300 and even less if homemade. RO's at the lowest end of the cost scale don't remove as much water as more expensive models, he said.

However, they are very effective, especially for syrup makers wanting a good night's sleep during the season.

Rechlin said 14 gallons of sap with 6 percent sugar is left when 43 gallons of sap containing 2 percent sugar is put twice into a less expensive RO. That reduces boiling time in an evaporator from 8.6 to 2.8 hours.

"Is it worth that \$300 for that RO? You betcha," he said.

Seth Long, president of the Kentucky Maple Syrup Association, informed viewers there are various ways of increasing profit margins than just bottling and offering liquid gold.

He said maple syrup is used to make candy, donuts and other baked goods along with glazed nuts and other foods.

Long, who's also a maple syrup producer, said he has a commercial kitchen on his farm and a license to sell baked goods he makes with his syrup across state lines.

"If you turned it into something else or added it into another product, often times you can increase the value of the maple syrup," he said.

Long said other product options include aging maple syrup in used bourbon barrels to add a whiskey flavor to the syrup.

"You see a lot of this up north. Some of the producers in Kentucky are getting this bug, too," he said.

Maple syrup is also flavored with habanero, cayenne and other hot peppers.

Long said he allows his peppers to dry before placing them into bottles of syrup popular for flavoring meat while it's smoked or cooked on a grill. "The sweetness and the heat come together. A lot of people really enjoy this," he said.

He said producers are also infusing syrup with other products like vanilla beans, coffee, cinnamon and blueberries.

Long said producers can also open their farms to the public for events like showcasing the making of syrup. "People will travel for miles to come to a farm and learn how somebody is taking a product from the land and producing it into something like maple syrup," he said.

Financial assistance and help in areas like creating a business plan are being offered by the Kentucky Center for Agriculture and Rural Development (KCARD) to help maple syrup makers get started and succeed.

Maryssa Kristie, of KCARD, said the amount of grants and loans is determined by the number of taps. Business plans are also developed individually because options and goals can vary at each location. "It's not a one size fits all and we do work through one by one," she said.

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Biosecurity

FROM PAGE 15B

Dirty Line' (a consistent location where 'street' shoes are removed and farm boots are worn), or 'Shower In/Shower Out' (every person showers in, wears farm-supplied clothing, then showers out) can help minimize disease transfer.

"Limit or minimize non-essential people or visitors entering the site," he added. "Remember to train entry standard operating procedures to service personnel (i.e., veterinarian, electrician, gasman, etc.). Everyone needs to follow the standard operating procedures."

Rademacher agreed with Storlie, adding producers should consider ways to reduce foot traffic from outside the building. "Changing boots before entering buildings or offices," he said. "Don't use the same boots to take deadstock to the rendering."

Storlie said trucks and handling equipment entering the site must also be clean.

"Reduce the frequency of supply delivery (weekly to monthly), or even changing delivery location to off-site," he said. "Maintain a rodent control program. Sites with breeding sows will have more frequency of moving in and out of the site then a finishing site. Yet, both sites need to follow biosecurity standard operating procedures every day to minimize the entry of disease.

"The Secure Pork Supply (www.securepork.org) was established to be proactive if a foreign animal disease, (such as footand-mouth disease, African swine fever and classic swine fever) are found in the United States livestock," he added. "Then regulatory officials will limit animal movement to try to control the spread of very contagious diseases.

"The Secure Pork Supply has excellent biosecurity resources and examples of standard operating procedures that minimize transmission of common swine diseases, as well as foreign animal diseases," he added.

According to the American Veterinary Medical Association in Schaumburg, Ill., the following are additional ways producers can ensure the overall protection of

their livestock during the winter months: 1. Recognize the importance of early veterinary care. Schedule your veterinary exams early in the season to address any concerns before the harsh conditions arrive. Discuss any vaccinations, nutritional supplementation, de-worming and parasite treatment needs with your veterinarian. Make sure to pay special attention to pregnant animals and animals of very young or very old age.

2. Provide appropriate shelter from the elements. Livestock can typically tolerate colder temperatures, but harsher temperatures will require more calories. Keeping this in mind: try to shelter any livestock from the weather with blankets or coats, dry bedding, and a shelter with proper ventilation.

3. Keep the area clear. Keep ice to a minimum to prevent injury to your livestock. Clear any driveways and walkways of snow and ice so that your staff and veterinarians can access your animals easier. Prevent mud and buildup with proper preparation through use of materials such as sand, wood chips and gravel.

4. Consider your feed. Livestock use a large amount of energy to keep warm in the winter. This means they need to consume plenty of calories. Talk with your veterinarian to develop a plan that will meet the needs of your livestock. This may mean increasing the amount or quality of your feed. Keep in mind pregnant animals and those of very young or old age will have additional needs you should address.

5. Ensure fresh, clean, non-frozen water. Make sure your livestock have access to clean, non-frozen water by using tank heaters or heated buckets. Livestock will not consume enough water if it is too cold or frozen. When your livestock are well-hydrated, they are more likely to sustain their health and well-being in the winter months.

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