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Illinois governor signs bills; honors 'Moldy Mary' during state fair

By Tim Alexander Illinois Correspondent

SPRINGFIELD, Ill. Illinois Gov. JB Pritzker urged eligible farmers to apply for state-level pandemic relief and delivered on a couple of promises he made to the agricultural community on August 17, Agriculture Day, at the Illinois State Fair.

"Support for our farmers and our farm families has been a priority of mine and of the General Assembly on both sides of the aisle. We directed millions of dollars in pandemic relief through Above: Illinois Gov. JB Pritzker Grant (BIG) program to help livestock producers who were hit hard early in nesses are still working to Fair. overcome pandemic losses,



the Business Interruption announced passage of an agricultural education bill and urged eligible farmers to apply for the the pandemic. And because state's Back to Business grant we know that some family program on Agriculture Day, businesses and small busi- August 17, at the Illinois State

I've launched a new \$250 million Back to Business (B2B) support program for all small businesses including family farms," said Pritzker, who also announced last week he would seek re-election in 2022.

Pritzker's "B2B" grant program, part of his overall economic recovery strategy, was launched the following day, August 18. Businesses with revenues of \$20 million or less in 2019 and a reduction in revenue in 2020 due to COVID-19 may qualify, though priority will be given to those in hard-hit industries in hard-hit areas, businesses who have

(Illinois Fair on page 2)



Above: Dept. of Agriculture Director Jerry Costello chats with attendees at the Ag Day breakfast on August 17 at the III. State Fair. (all photos by T. Alexander)



Above: These cows are getting primped for their turn in the show ring at the Auglaize Ohio County Fair. Photo by Leondia Walchle

70 percent of Indiana's apple crop lost; Michigan fared better

By Michele F. Mihaljevich **Indiana Correspondent**

WEST LAFAYETTE, Ind. - About 70 percent of Indiana's apple crop was lost due to freezing temperatures and snow that blanketed parts of the state in April, according to a Purdue University professor of horticulture.

The cold temperatures, along with several inches of snow, occurred April 20-21. Record low temperatures were set on the 21st in some areas of the state, according to the National Weather Service.

"The damage (to apple trees) was pretty much widespread across the state," Purdue's Peter M. Hirst noted. "The freezes occurred at the time of flowering, the most sensitive time to cold conditions. That's the time we least want to get the cold temperatures. Any time except the time it happened would have been better. It happened at the worst possible time."

At the Jacobs' Family Orchard in Henry County in east central Indiana, temperatures dipped to 21 degrees both nights, said Stephanie Jacobs, the orchard's manager.

The lower the temperature, the larger the kill of apple blossoms, she explained. The apple blossoms only survive down to 28 degrees. "At 27 degrees, there's a 10 percent kill," Jacobs said. "At 26 degrees, an 18 percent kill. At 21 degrees, you're looking at a lot (of kill), plus being covered by snow. We didn't know how they would react."

The bottom line is the weather killed most of the orchard's 2021 crop, she said.

"We don't have any apples to pick to sell," Jacobs stated. "I can probably find a handful (in the orchard). We normally have enough to sell and plenty to make caramel apples and for bakery items such as crisps."

The Jacobs family will try to find apples from



Above: Freezing temperatures and snow in Indiana in April caused the state to lose about 70 percent of its apple crop (Credit: Tristand Tucker, Purdue University)

other states, but the Washington state crop has been impacted by extreme heat, she noted. Virginia and North Carolina had problems with freezing temperatures and Pennsylvania is also having issues with its crop, Jacobs added.

Damage at the Anderson Orchard in Mooresville, Ind., southwest of Indianapolis, depended on location and variety, said Iran Sterling, one of the

"At our U-Pick farm, 100 acres at the home place, it's not great, but better than what we thought," he explained. "But a half mile down the road (at another orchard), there's nothing. It's weird how different it is."

Which varieties were damaged was also orchard based. Honeycrisp apples were really hurt, Sterling said, adding that Gala at the other orchard are non-existent.

"The average customer that goes back and

Apple Crop continued on page 8





Scenes from the **Illinois State Fair** Pages 8B & 9B



In This Farm World:

- It take dedicated volunteers to keep a State Fair running...
- Vintage Construction, mining clubs to converge for annual

FROM PAGE 1

yet to qualify for state funding or federal assistance (including the Paycheck Protection Program and Business Interruption Grant), and businesses that had less than \$5 million in revenue in 2019.

Small farms in need of help can apply through www.dceo.illnois.gov for a grant, the governor said.

In addition, on Agriculture Day the Democratic Illinois governor signed into law HB 3218 and SB 1624, which adds agricultural sciences as a course option for the science category and agricultural education as a course option for the elective category as part of the required high school coursework for university admission. The expansion of agricultural education options was made possible by students, teachers, FFA clubs, and lawmakers working to ensure high school students in Illinois can access the tools they need to continue our proud Illinois agriculture tradition, Pritzker acknowledged.

The companion bills were introduced by Rep. Nicholas Smith (D-Chicago) and Sen. Doris Turner (D-Carlinville), respectively.

"I introduced this bill to help high school students who want to pursue a career in agriculture," said Smith. "This legislation will give high school students certainty that the agriculture science course they take in high school will be accepted by all public universities in Illinois. I hope this legislation helps encourage more of our youth to look at agriculture as a career path in college."

In addition, Pritzker signed into action HB 1879, which designates penicillium rubens, the active microbe in penicillin, as the official state microbe of Illinois. The designation recognizes the contribution of Mary K. Hunt, also known as Moldy Mary, and the Northern Regional Research Library - now known as the USDA National Center for Agricultural Utilization Research (NCAUR) in Peoria. Due to their research and work, penicillin's yield soared at a time when demand was high across the world during World War II, helping America and its Allies win the war.

"It's no secret that penicillin production is an achievement Peoria takes great pride in - but as of today, it becomes a point of pride for all of Illinois, with new status as our official state microbe," said Pritzker. "The additional legislation will help Illinois not lose any more Marys to history by recognizing the value of agricultural science in our education system for students of all backgrounds. By sup-

(Illinois Faircontinued on page 4)

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www.farmworldonline.com

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. 317-417-9735 Michigan, Northern Indiana, Northwest Ohio E-mail: dpeiffer@farmworldonline.com

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

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

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484 Hrs, e18 Trans, 5 SCVs, 30" Tracks \$419,000 113979 Lebanon



2015 John Deere 9570RT

2020 Hrs, e18 Trans, 5 SCVs, 30" Tracks \$285,000 116953

2017 John Deere 8370RT

1848 Hrs, IVT, 5 SCVs, 635mm Camso 6500

\$256,000 C123145

Atlanta C129715

2021 John Deere 8RT 310

99 Hrs, E23 Transm, 4 SCVs, 16" Tracks \$335,000

Mooresville



2013 John Deere 9510R

2729 Hrs, PwrShft, 4 SCVs, 800/70R38 \$200,000 C131758

Atlanta



2020 John Deere 9470R

306 Hrs, e18, 6 SCVs, Duals

\$379,000 C131573

Atlanta

Atlanta

Atlanta



2002 John Deere 9220

4567 Hrs, PwrShft, 4 SCVs, Duals

\$99,000 119897

Muncie

Muncie



1997 John Deere 9300

5713 Hrs, Partial PwrShft, 4 SCVs, Duals

\$63,500 119765

Muncie



2018 John Deere 8370R

605 Hrs, IVT, 6 SCVs, 800/70R38 C130755 \$339,000 Muncie



2014 John Deere 8370R

4077 Hrs, IVT, 5 SCVs, 480/80R50 C128915 \$190,000



2017 John Deere 8370R

5128 Hrs, IVT, 4 SCVs, 480/80R50

C122825 \$175,000



2011 John Deere 8360R

4543 Hrs, IVT, 5 SCVs, 480/80R50 116781

\$165,000

Atlanta



2014 John Deere 8360R

3075 Hrs, IVT, 5 SCVs, 480/80R50 \$192,000 C124780 Atlanta IVT, ILS, 1000 PTO, 5 SCVs, 480/80R50

2012 John Deere 8360R

\$149,000 118852 Muncie



601 Hrs, IVT, 5 SCVs, 480/80R50

\$329,000 C131757 Atlanta



4760 Hrs, IVT, 1000 PTO

C127835

\$165,000 Atlanta



2018 John Deere 8320R

1090 Hrs, e23 Trans, 5 SCVs, 480/80R50 C134020 \$275,000 Muncie



2013 John Deere 8310R

3443 Hrs, PwrShft, 4 SCVs, 480/80R50 \$167,000 C127865 Lebanon







3425 Hrs, PwrShft, 4 SCVs, 480/80R46

C133245

\$150,000

Atlanta



2012 John Deere 7280R

3802 Hrs, IVT, 4 SCVs, 480/80R50 \$139,000

C129537



116970 \$159,000 Atlanta



2014 John Deere 7210R

2608 Hrs, IVT, 5 SCVs, 480/80R46

\$159,000

2002 John Deere 7210

4551 Hrs, Partial PwrShft, 540/1000 PTO

C129420 \$57,000



3162, IVT, 4 SCVs, 480/80R46

C124768 \$129,000

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2004 John Deere 6420

1841 Hrs, Partial PwrShft, 3 SCVs, 18.4-30

C129412 \$62,500

1842 Hrs, PwrQuad Plus, 3 SCVs \$125,000 C123836

2013 John Deere 7200R

Atlanta

C127648

Muncie

3254 Hrs, IVT, 3 SCVs, 480/80R46 \$119,000

2013 John Deere 7200R

Fishers

C124373

Fishers

Fishers

Fishers

Illinois Fair

FROM PAGE 2

porting our young learners who want to take ag sciences through to a university education - and beyond -Illinois is diversifying what it means to learn, to grow, to innovate – and to set the stage for our future generations to live their dreams."

Earlier in the day, Pritzker joined Illinois Department of Agriculture Director Jerry Costello II and other members of the state's agricultural community for the annual "Director's Breakfast on the Lawn," which drew hundreds of attendees after being cancelled due to the pandemic in 2020.

"Agriculture plays a central role in the lives of Illinoisans and the nation, thanks to the grit, tenacity and ingenuity of our farmers," Pritzker remarked, before detailing efforts his administration has undertaken on behalf of rural Illinoisans. "(We have) invested over \$150 million in strengthening our rural hospitals, billions of dollars on our rural roads, bridges and ports so we can get our goods to market, and \$400 million for broadband.

"Rural broadband, rural Illinois, rural families are worth fighting for. I implore our general assembly, our county leaders, and our local elected officials to continue to do that in ways both large and small."

The breakfast was also attended by guest speaker Illinois Lt. Gov. Julianna Stratton, who is chair of the governor's rural affairs committee, and Jerry Costello II, Illinois Agriculture Director, who emceed the event and offered remarks. Also attending were former state agriculture directors John Block, Chuck Hartke and many others.

In addition, 358 centennial farms were recognized during the IDOA Director's Breakfast, along with newly elected FFA youth leaders and the 2021 Illinois County Fair Queen, Kelsi Kessler of White County.

Precision farm equipment helps farmers enhance efficiency in research trials

By Doug Schmitz **Iowa Correspondent**

AMES, Iowa - Precision farm equipment on Iowa State University research farms is enhancing efficiency and accuracy for research trials.

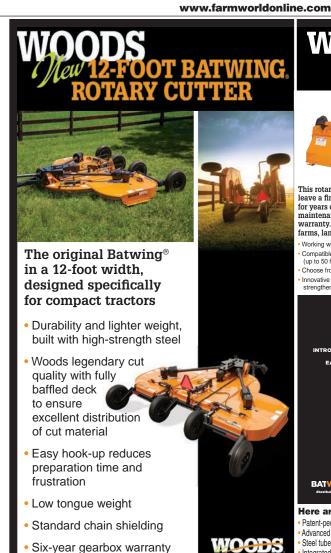
One example of these innovative technologies is the automated C-Lock Super SmartFeed System, which arrived last year at Iowa State's McNay Memorial Research Farm near Chariton, Iowa. It is being used to monitor cattle and calves' feed intake in research trials.

"One of the great things about the smart feeder is you can do supplementation trials without splitting cattle into different groups," said Logan Wallace, McNay farm co-manager. "That's especially helpful when studying animals on pasture where intake is hard to track."

The solar-powered feeder has four stalls that use wireless data from the cows' electronic identification tags to allocate a specified amount of feed. It also records the amount consumed and tracks the number and timing of an individual animal's visits to the feeder.

Wallace added the information can

(Precision farming on page 8)



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Livestock Weighted Average Report for 8/16/2021 - Final

	This Week	Last Reported 8/21/2021	Last Year
Total Receipts:	613	792	589
Feeder Cattle:	488(79.6%)	676(85.4%)	476(80.8%)
Slaughter Cattle:	96(15.7%)	104(13.1%)	89(15.1%)
Replacement Cattle:	29(4.7%)	12(1.5%)	24(4.1%)

Compared to last Monday middleweight steers and heifers sold steady on similar quality with good demand for weaned packages. Very good demand for yearlings. Slaughter cows and slaughter bulls sold 2.00 to 3.00 higher with good demand. Supply included: 80% Feeder Cattle (51% Steers, 30% Heifers, 18% Bulls); 16% Slaughter Cattle (81% Cows, 19% Bulls); 5% Replacement Cattle (7% Stock Cows, 93% Bred Cows). Feeder cattle supply over 600 lbs was 62%. Groups of 20 head or more:

68 head 820 lbs 153.00 Blk-Mixed Thin-Fleshed

57 head 975 lbs 142.75 Blk Fancy

FEEDER CATTLE

STEERS - Medium and Large 1-2 (Per Cwt / Actual Wt)					
<u>Head</u>	Wt Range	Avg Wt	Price Range	Avg Price	
1	265	265	180.00	180.00 Fancy	
1	335	335	176.00	176.00 Fancy	
1	410	410	149.00	149.00	
3	465-490	482	151.00-153.00	151.64	
7	507-514	512	151.50-153.00	151.92	
10	513-544	532	158.00-162.00	160.46 Value Added	
5	555-595	576	150.00-153.00	151.39	
1	555	555	155.00	155.00 Value Added	
8	600-635	613	140.00-143.00	141.64	
14	601-645	628	145.00-158.00	149.69 Value Added	
14	663-682	668	150.00-156.00	153.42 Value Added	
1	720	720	139.00	139.00	
3	705	705	143.00	143.00 Value Added	
3	795	795	136.00	136.00	
13	752-790	775	140.50-142.00	141.44 Value Added	
2	810	810	136.00	136.00	
68	820	820	153.00	153.00 Thin Fleshed	

	000	000	120.00	120.00
57	975	975	142.75	142.75 Fancy
STEER	S - Medium	and Large 2-3	(Per Cwt / Actua	al Wt)
Head	Wt Range	Avg Wt	Price Range	Avg Price
1	255	255 1	50.00	150.00
2	435	435	142.00	142.00
1	545	545	141.00	141.00
5	551	551	132.00	132.00
1	675	675	135.00	135.00
STEER	S - Large 1-	2 (Per Cwt / Ac	ctual Wt)	
Head	Wt Range	Avg Wt	Price Range	Avg Price
1	900	900	110.00	110.00
HEIFER	RS - Medium	and Large 1-2	(Per Cwt / Actu	ual Wt)
Head	Wt Range	Avg Wt	Price Range	Avg Price
1	270	270	136.00	136.00
4	336	336	157.00	157.00 Value Added
2	370-390	380	136.00-142.00	138.92
1	365	365	151.00	151.00 Value Added
4	400-445	420	136.00-142.00	140.04
5	450-495	462	132.00-137.00	135.78
12	475-497	489	144.00-149.00	146.00 Value Added
6	521-540	531	133.00-136.00	134.53
18	524-536	526	138.00-146.25	144.85 Value Added
9	550-595	573	130.00-137.00	133.68
11	575-590	579	138.75-144.00	139.70 Value Added
2	620-640	630	128.00-130.00	129.02
8	600-613	610	135.00-141.00	137.37 Value Added
2	650-695	673	124.00-129.00	126.42
10	658-695	679	130.00-136.50	134.09 Value Added
3	731	731	115.00	115.00 Guaranteed Open
2	717	717	121.00	121.00 Value Added
1	770	770	113.00	113.00
1	780	780	119.00	119.00 Guaranteed Open
2	870	870	120.00	120.00
1	970	970	94.00	94.00
HEIFE	RS - Medium	and Large 2-3	3 (Per Cwt / Actu	ıal Wt)
Head	Wt Range	Avg Wt	Price Range	Avg Price
1	245	245	115.00	115.00
3	460-490	473	126.00-131.00	128.30
9	515-540	530	120.00-131.00	124.34
2	560	560	120.00-127.00	123.50

885

885

125.00

2	705-730	718	104.00-105.00	104.51
HEIFER	RS - Small and	Medium 1-	2 (Per Cwt / Actua	al Wt)
Head	Wt Range	Avg Wt	Price Range	Avg Price
2	332	332	115.00	115.00
1	525	525	110.00	110.00
BULLS	- Medium and	d Large 1-2 (Per Cwt / Actual	Wt)
Head	Wt Range	Avg Wt	Price Range	Avg Price
2	257	257	156.00	156.00
2	305-340	323	152.00-158.00	154.84
5	365-390	375	156.00-166.00	159.89
1	430	430	140.00	140.00
5	455-477	466	145.00-149.00	146.62
11	508-538	524	140.00-151.00	145.68
1	525	525	157.00	157.00 Fancy
3	580-582	581	135.00-140.00	138.34
8	600-645	630	134.00-138.00	135.36
3	601	601	141.00	141.00 Fancy
1	680	680	138.00	138.00
4	665	665	145.00	145.00 Fancy
3	705-727	720	110.00-125.00	114.90
5	772-785	775	110.00-117.00	115.58
2	800	800	100.00	100.00
4	867-877	872	91.00-100.00	95.53
BULLS	- Medium and	d Large 2-3 (Per Cwt / Actual	Wt)
<u>Head</u>	Wt Range	Avg Wt	Price Range	Avg Price
1	380	380	145.00	145.00
1	495	495	137.00	137.00
1	565	565	135.00	135.00
5	617-640	628	117.00-123.00	118.81
2	720-730	725	100.00-106.00	103.02
BULLS	- Large 1-2 (F	er Cwt / Act	ual Wt)	
Head	Wt Range	Avg Wt	Price Range	Avg Price
1	455	455	142.00	142.00
1	645	645	127.00	127.00
1	660	660	132.00	132.00
3	815-832	826	94.00-104.00	100.71
1	905	905	80.00	80.00
BULLS	- Small and N		Per Cwt / Actual	
Head	Wt Range	Avg Wt	Price Range	Avg Price
3	510-532	525	105.00-110.00	108.38
	GHTER CAT			
cows	- Breaker 75-8	30% (Per Cw	rt / Actual Wt)	

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7.00X to 20.00X

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Region/Location

Purchase

Ohio River - Upper KY

Ohio River - Lower KY

Ohio River - Lower KY

Country Elevators - Conventional

Purchase

Ohio River - Lower KY

Hea	nd Wt	Range	Avg Wt	Price R	ange	Avg Price	Dressing
13	128	30-1590	1424	64.00-7	0.00	68.09	Average
6	119	5-1630	1410	71.00-7	9.00	75.10	High
cows	- Bone	r 80-85%	(Per Cwt / A	ctual Wt)			
Hea	d Wt	Range	Avg Wt	Price R	ange	Avg Price	Dressing
16	108	80-1510	1250	64.00-7	0.00	68.18	Average
17	102	25-1570	1277	71.00-7	7.00	73.47	High
2	128	35-1585	1435	53.00-6	3.00	57.48	Low
COWS	- Lean	85-90%	(Per Cwt / Ac	tual Wt)			
Hea	nd Wt	Range	Avg Wt	Price R	ange	Avg Price	Dressing
6	96	5-1210	1133	62.00-6	5.00	63.49	Average
5	75	5-1155	990	55.00-6	1.00	58.11	Low
BULL	S - 1-2 (F	er Cwt	Actual Wt)				
Hea	d Wt	Range	Avg Wt	Price R	ange	Avg Price	Dressing
3	129	90-2185	1637	85.00-9	5.00	91.04	Average
12	136	5-2400	1829	97.00-1	14.00	106.85	High
REPL	ACEME	NT CA	TTLE				
STOC	K COWS	6 - Mediu	ım and Large	1-2 (Per 0	Cwt / Ad	ctual Wt)	
<u>Age</u>	<u>Stage</u>	Head	Wt Range	Avg Wt	Price	e Range	Avg Price
2-8	0	2	1085-1180	1133		0-70.00	69.04
BRED	COWS -	 Mediur 	n and Large 1	I-2 (Per He	ead / Ad	ctual Wt)	
Age	<u>Stage</u>	Head	Wt Range	Avg Wt	Price	e Range	Avg Price
2-8	T1	1	1215	1215	9	25.00	925.00
2-8	T2	3	1050-1260	1145	825.0	0-875.00	850.55
2-8	T3	21	1151-1765	1378		0-1325.00	1143.35
BRED	cows -		n and Large 2	2-3 (Per He	ead / Ad	tual Wt)	
Age	Stage	Head	Wt Range	Avg Wt	Price	e Range	Avg Price
2-8	T2	1	1000	1000	7	00.00	700.00
Please	Note:						
The al	oove US	DA LPG	MN price repo	rt is reflec	tive of t	the majority of	of classes an

grades of livestock offered for sale. There may be instances where some sales do not fit within reporting guidelines and therefore will not be included in the report. Prices are reported on an FOB basis, unless otherwise noted Explanatory Notes:

Stage (Cattle) - Represents pregnancy stage (O = open; T1 = 1st Trimester, 1 to 3 months; T1-2 = 1st/2nd 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.
Source: USDA AMS Livestock, Poultry & Grain Market News

Price Change

DN 0.1375

DN 0.1375-DN 0.1125

DN 0.3925 DN 0.2925

DN 0.2925-DN 0.3125

DN 0.2925

DN 0.1325

DN 0.1625-DN 0.1125

<u>Average</u>

5.6700

5.3844

12.7275 13.2575

12 8675

13.0425

12.9125

6.6925

6.9700

KY Dept of Ag Market News Bill Holleran Frankfort, KY | (502) 782-4139 | www.ams.usda.gov/lpgmn https://mymarketnews.ams.usda.gov https://mymarketnews.ams.usda.gov/viewReport/2127

E BARN **SATURDAY, AUG. 21, 2021 LIVESTOCK SALE STARTS AT 12 NOON**

WE ACCEPT LIVESTOCK FROM 8:00 AM TO 12:00 NOON. CALL IF YOU NEED TO MAKE SPECIAL ARRANGEMENTS TO DROP LIVESTOCK OFF ANY OTHER TIMES FRI. OR SAT. *GOATS MUST BE RECEIVED BY 11:30 TO ALLOW TIME TO TAG & BE CHECKED IN.

Misc. Small Animals at 9 AM • Hay & Straw at 11 AM. **We Are No Longer Accepting Pot Belly Pigs At Our Sale. Sorry For Any Inconvenience.

**CONSIGNED FOR SAT., AUG. 28: 4 Texas Longhorn cows and 1 Scottish Highlander cow with spring clvs on them (4 bulls and 1 heifer cf). The ages of the cows range from 4 yrs old and up. They have been pasture and hay fed, no grain and no antibiotics.

"We will be having a Special Feeder Cattle Sale Fri., Oct. 1. This will be a feeder calf only sale. (We will have another "Bred Cow Saturday" Sale coming up, date to be determined).

Goats \$20-\$380; Lambs 42-80 Lbs \$200-\$240, 100 Lbs \$140-\$220; Ewes 120 Lbs \$125; Rams 100-225 Lbs \$140-\$220; Pigs \$27-\$45; Hogs 153-189 Lbs \$69-\$80, 218-277 Lbs \$62-\$71, 320-350 Lbs \$62-\$79, 440-500 Lbs \$55-\$70; Sows \$72-\$90; Boars 228 Lbs \$48.50, 540 Lbs \$24; Baby Clvs \$45-\$65; Bred Cows \$67-\$80; Feeder Cattle: Blk Hfr 315 Lbs \$140, Hol Hfr 355 Lbs \$67, Blk Hfr 498 Lbs \$126, Blk Hfr 565 Lbs \$112, Hol Hfr 710 Lbs \$54, Blk Hfr 720 Lbs \$110, Blk Hfr 1040 Lbs \$76, Blk Hfr 1120 Lbs \$99, Blk Hfr 1270 Lbs \$118, Hol Hfr 1855 Lbs \$72, Jer Str 335 Lbs \$55, Blk Str 345 Lbs \$150, Blk Str 680 Lbs \$76, Red Str 1145 Lbs \$115, Hol Bull 315 Lbs \$69, Blk Bull 410 Lbs \$100, Blk Bull 610 Lbs \$91 Blk Bull 625 Lbs \$103, Blk Bull 735 Lbs \$99, Blk Bull 760 Lbs \$85, Chai Bull 1075 Lbs \$95, Blk Bull 1115 Lbs \$93; Cows \$32-\$77; Bulls \$90-\$97.

No Vet On-Site

L.K. SPEGAL (317) 753-9048 • BUSINESS (765) 345-5902 AUCT.: WILLIAM B. LOWRY - AU02025811

knightstownsalebarn.com

Missouri Direct Hay Report

105.00-119.00

104.00-122.00

631

114.56

600-647

Direct Hay Weighted Average Report For week ending Friday, August 20, 2021

After an absolutely wonderful weekend of weather for the middle of August temperatures climbed back to more normal levels mid-week but not unbearable at all. Most of the state continues to be in very good shape but there are a few small areas that could use a bit of rain. Currently about eight and a half percent could use a bit of rain. Currently about eight and a half percent of the state is showing on the latest drought monitor. Producers should also be on the lookout for army worms. There have been reports of major outbreaks in neighboring states and although it is likely there has been some present for a few weeks now there are actual reports now of producers finding populations in the south west and south central areas of the state. The supply of hay is moderate and demand is light to moderate and prices mostly clearly. The Missouri Department of Arriculture has a 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) Med. Sq. 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/Per B	ale)			
Small Square	6.00-8.00			
Mixed Grass - Good/Premium (Ask/Per Ton)				
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) Lg. Round	25.00-55.00			
STRAW (Conventional)				

Wheat - (Ask/Per Bale) Small Square 4.00-6.00 Source: USDA AMS Livestock,
Poultry & Grain Market News - MO Dept of Ag Market News
Jefferson City, MO | (573) 751-5618
https://mymarketnews.ams.usda.gov/www.ams.usda.gov/lpgmn

https://mymarketnews.ams.usda.gov/viewReport/2929

http://www.cmegroup.com

Kentucky Daily Grain Bids

Grain Report for Friday, August 20, 2021

FUTURE SETTLEMENTS

Exchange	Commodity	Closing Settlement Prices (¢/bu) as of 7/9/2021
CBOT	Corn	538.75 (Sep 21) 537.00 (Dec 21) 544.50 (Mar 22) 549.25 (May 22) 547.75 (Jul 22) 507.00 (Sep 22) 499.00 (Dec 22)
CBOT	Soybeans	1293.75 (Sep 21) 1290.75 (Nov 21) 1295.75 (Jan 22) 1297.25 (Mar 22) 1299.75 (May 22) 1300.00 (Jul 22) 1288.50 (Aug 22)
CBOT	Wheat	714.25 (Sep 21) 728.25 (Dec 21) 741.25 (Mar 22) 746.00 (May 22) 714.50 (Jul 22) 714.75 (Sep 22) 718.75 (Dec 22)
CBOT	White Oats	495.00 (Sep 21) 494.50 (Dec 21) 492.75 (Mar 22) 489.75 (May 22) 484.50 (Jul 22) 461.75 (Sep 22) 448.00 (Dec 22)
KCBT	Wheat	702.00 (Sep 21) 715.75 (Dec 21) 725.00 (Mar 22) 728.25 (May 22) 704.25 (Jul 22) 707.25 (Sep 22) 714.50 (Dec 22)
MGE	Wheat	918.50 (Sep 21) 902.25 (Dec 21) 890.75 (Mar 22) 879.75 (May 22) 866.00 (Jul 22) 771.00 (Sep 22) 767.75 (Dec 22)

US #2 WHITE	CORN (BULK)
Basis Change	Price (\$/Bu)

Purchase	65.00U	UNCH	6.0375	DN 0.1125	6.0375
Purchase	25.00Z to 30.00Z	UNCH	5.6200-5.6700	DN 0.1375	5.6450
		US #2 YELLOW	CORN (BULK)		
Country Elevators - Co	nventional		· · · · ·		
Region/Location	Basic (¢/Bu)	Basis Change	Price (\$/Bu)	Price Change	Average
Purchase	-10.00U to 0.00U	UNCH	5.2875-5.3875	DN 0.1125	5.3375
Purchase	-10.00Z to -3.00Z	UNCH	5.2700-5.3400	DN 0.1375	5.3050
Green River	30.00U	UNCH	5.6875	DN 0.1125	5.6875
Green River	-5.00Z	UNCH	5.3200	DN 0.1375	5.3200
Pennyrile	35.00U to 65.00U	DN 20.00-UNCH	5.7375-6.0375	DN 0.3125-DN 0.1125	5.8875
Pennyrile	-20.00Z to -5.00Z	UNCH	5.1700-5.3200	DN 0.1375	5.2450
Louisville	-14.00Z to 51.00U	UP 3.00-UP 15.00	5.2300-5.8975	DN 0.1075-UP 0.0375	5.5638
Louisville	-14.00Z	UP 3.00	5.2300	DN 0.1075	5.2300
Bluegrass	40.00Z	UNCH	5.7700	DN 0.1375	5.7700
Bluegrass	-25.00Z	UNCH	5.1200	DN 0.1375	5.1200
Barge Loading Elevator	rs - Conventional				
Region/Location	Basic (¢/Bu)	Basis Change	Price (\$/Bu)	Price Change	Average
Ohio River - Upper KY	52.00U	UP 20.00	5.9075	UP 0.0875	5.9075
Ohio River - Upper KY	-9.00Z	DN 1.00	5.2800	DN 0.1475	5.2800
Ohio River - Lower KY	10.00U to 30.00U	UNCH-DN 5.00	5.4875-5.6875	DN 0.1125-DN 0.1625	5.5542
Ohio River - Lower KY	-10.00Z to -2.00Z	UNCH	5.2700-5.3500	DN 0.1375	5.3125
Purchase	4.00U to 28.00U	UNCH	5.4275-5.6675	DN 0.1125	5.5475

UNCH

Barge Loading Elevato	rs - Conventional	00 #200			
Region/Location	Basic (¢/Bu)	Basis Change	Price (\$/Bu)	Price Change	Average
Ohio River - Lower KY	30.00Z	UNCH	5.6700	DN 0.1375	5.6700
Purchase	45.00Z	UNCH	5.8200	DN 0.1375	5.8200
		US #1 SOYB	EANS (BULK)		
Country Elevators - Co	nventional				
Region/Location	Basic (¢/Bu)	Basis Change	Price (\$/Bu)	Price Change	<u>Average</u>
Purchase	30.00X to 53.00X	DN 5.00	13.2075-13.4375	DN 0.3425	13.3175
Purchase	-8.00X to -5.00X	UNCH	12.8275-12.8575	DN 0.2925	12.8425
Green River	20.00X	UNCH	13.1075	DN 0.2925	13.1075
Green River	-30.00X	UNCH	12.6075	DN 0.2925	12.6075
Pennyrile	-20.00X to 5.00X	DN 10.00-UNCH	12.7075-12.9575	DN 0.3925-DN 0.2925	12.8325
Pennyrile	-45.00X to -20.00X	DN 10.00-UNCH	12.4575-12.7075	DN 0.3925-DN 0.2925	12.5825
Louisville	-71.00X	DN 3.00	12.1975	DN 0.3225	12.1975
Louisville	-71.00X	DN 3.00	12.1975	DN 0.3225	12.1975
Bluegrass	60.00X	UNCH	13.5075	DN 0.2925	13.5075
Bluegrass	-45.00X	UNCH	12.4575	DN 0.2925	12.4575
Barge Loading Elevato	rs - Conventional				
Region/Location	Basic (¢/Bu)	Basis Change	<u> Price (\$/Bu)</u>	Price Change	<u>Average</u>
Ohio River - Upper KY	52.00X	DN 6.00	13.4275	DN 0.3525	13.4275

US #2 SORGHUM (BULK)

5.2700-5.5075

12.7275 13.2575

12.7875-12.9375

12.9775-13.1075

6.6925

-10.00X to 12.00X DN 1.00-UNCH 12.8075-13.0275 DN 0 3025-DN 0 2925 US #1 MILLING SOFT RED WINTER WHEAT FOOD GRADE (BULK)

DN 10.00 UNCH

UNCH-DN 2.00

UNCH

Region/Location	Basic (¢/Bu)	Basis Change	Price (\$/Bu)	Price Change	<u>Average</u>
Pennyrile	-20.00U	UNCH	6.9425	DN 0.1325	6.9425
Pennyrile	0.00N	UNCH	7.1450	DN 0.1125	7.1450
		US #2 SOFT RED WI	NTER WHEAT (BULK)		
Country Elevators - Co	nventional				
Region/Location	Basic (¢/Bu)	Basis Change	Price (\$/Bu)	Price Change	Average
Green River	-40.00N	UNCH	6.7450	DN 0.1125	6.7450
Pennyrile	-60.00U to -30.00U	UNCH	6.5425-6.8425	DN 0.1325	6.6925
Louisville	-84.00N	DN 7.00	6.3050	DN 0.1825	6.3050
Bluegrass	-30.00N	UNCH	6.8450	DN 0.1125	6.8450
Barge Loading Elevato	rs - Conventional				
Region/Location	Basic (¢/Bu)	Basis Change	Price (\$/Bu)	Price Change	Average
Ohio River - Upper KY	-28.00U	UP 7.00	6.8625	DN 0.0625	6.8625
Ohio River - Upper KY	-20.00N	UNCH	6.9450	DN 0.1125	6.9450
Ohio River - Lower KY	-39.00U	UNCH	6.7525	DN 0.1325	6.7525
Ohio River - Lower KY	-27.00N to -15.00N	UNCH	6.8750-6.9950	DN 0.1125	6.9350

Purchase -30.00N to -5.00N DN 5.00-UNCH 6.8450-7.0950 Ag Futures taken from USDA AMS Livestock, Poultry & Grain Market News CME Group/Chicago Board of Trade & KY Dept of Ag Market News-Kevin Bowling, Market Reporter Dow Jones Industrial Average

Purchase

AG FUTURES

August	23,	2021

	Delivery				Delivery		
	Month	Last	Change		Month	Last	Change
Corn	Sep 21	\$ 540-2	+ \$ 1-4	Wheat	Sep 21	\$ 726-0	+ \$11-6
	Dec 21	\$ 538-6	+ \$ 1-6		Dec 21	\$ 740-2	+ \$12-0
	Mar 22	\$ 546-0	+ \$ 1-4		Mar 22	\$ 752-6	+ \$11-4
	May 22	\$ 550-4	+ \$ 1-2		May 22	\$ 757-0	+ \$11-0
	Jul 22	\$ 549-0	+ \$ 1-2		Jul 22	\$ 724-6	+ \$10-2
Soybeans	Sept 21	\$ 1306-6	+ \$13-0	Oats	Sep 21	\$ 503'6	+ \$ 8'6
1	Nov 21	\$ 1303-6	+ \$13-0		Dec 21	\$ 500'0	+ \$ 5'4
	Jan 22	\$ 1308-4	+ \$12-6		Mar 22	\$ 498'6	+ \$ 6'0
	Mar 22	\$ 1310-4	+ \$13-2		May 22	\$ 489'6	
	May 22	\$ 1313-0	+ \$13-2		Jul 22	\$ 480'6	- \$ 3'6
Soybean	Sept 21	\$ 352.7	- \$ 0.6	Live	Aug 21	\$124.275s	+ \$ 0.875
Meal	Oct 21	\$ 351.2	- \$ 0.7	Cattle	Oct 21	\$129.050s	+ \$ 0.900
	Dec 21	\$ 354.3	- \$ 0.6		Dec 21	\$134.525s	+ \$ 0.550
	Jan 22	\$ 354.3	- \$ 0.5		Feb 22	\$138.225s	+ \$ 0.325
	Mar 22	\$ 354.4	- \$ 0.6		Apr 22	\$140.700s	+ \$ 0.225
Soybean	Sep 21	\$ 59.19	+ \$ 1.70	Lean	Oct 21	\$ 88.625s	+ \$ 1.700
Oil	Oct 21	\$ 58.43	+ \$ 1.67	Hogs	Dec 21	\$ 81.700s	+ \$ 1.150
	Dec 21	\$ 58.27	+ \$ 1.62	_	Feb 22	\$ 84.100s	+ \$ 0.875
	Jan 22	\$ 58.12	+ \$ 1.56		Apr 22	\$ 85.725s	+ \$ 0.425
	Mar 22	\$ 57.76	+ \$ 1.49		May 22	\$ 88.700s	+ \$ 0.625

Ag Futures sponsored by



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UNCH

CBOT

CBOT

KCBT

R

Ohio River - Lower KY

Ohio River - Lower KY

Purchase

Purchase

35 00X

-12.00X to 3.00X

Exchange Commodity

Sovbeans

White Oats

Wheat

Wheat

13 2575

12.8675

13.0425

12.9125

VIARKETS

Weekly National Sheep Summary

For the Week Ending Friday, August 20, 2021

Weekly Trends: Compared to last week slaughter lambs sold unevenly. Lambs under 80 lbs were steady to 15.00 higher and heavier weights weak to 10.00 lower. Slaughter ewes were steady to 20.00 lower. No comparison on feeder lambs. At San Angelo, TX 5,740 head sold in a one day sale. No sales in Equity Cooperative Auction. Western Video Auction sold 4625 feeder lambs and 300 slaughter ewes. In direct trading slaughter ewes and feeder lambs were not tested. 2,819 lamb carcasses traded with no trend due to confidentiality. All sheep sold per hun dred weight (CWT) unless specified.

Slaughter Lambs: Choice and Prime 2-3:

wooled and shorn 110-115 lbs San Angelo: 212.00.

New Holland, PA: wooled and shorn 100-145 lbs 255.00-290.00, few 300.00-325.00; 150-165 lbs 225.00-247.00.

wooled and shorn 100-135 lbs Ft. Collins, CO: 220.00-250.00. South Dakota:

wooled and shorn 100-150 lbs 235.00-253.00; 150-165 lbs 246.00wooled and shorn 100-150 lbs Kalona, IA:

238.00-257.50. Billings, MT: wooled and shorn 100-125 lbs no

Missouri: wooled and shorn 100-125 lbs no no sales.

Equity Coop: Slaughter Lambs: Choice and Prime 1-2: San Angelo:

hair 40-60 lbs 300.00-330.00, few 330.00-336.00; 60-70 lbs 276.00-310.00, few 310.00-324.00; 70-80 lbs 250.00-290.00, few 294.00; 80-90 lbs 230.00-268.00, few 276.00-284.00; 90-110 lbs 230.00-258.00, few 258.00-268.00. wooled and shorn 60-70 lbs 300.00-318.00; 70-80 lbs 276.00-302.00; 80-90 lbs 254.00-270.00; 90-100 lbs 230.00-250.00; 100 lbs 240.00.

wooled and shorn 40-50 lbs 280.00-292.00; 50-60 lbs 275.00-295.00, New Holland few 342.00-355.00; 60-70 lbs 270.00-300.00; 70-80 lbs 265.00-295.00, few 310.00; 80-90 lbs 260.00-295.00; 90-100 lbs 262.00-295.00, few 300.00-315.00. hair 41 lbs 340.00; 50-60 lbs 270.00-300.00; 60-70 lbs 250.00-290.00; 70-80 lbs 255.00-270.00; 80-90 lbs 245.00-

277.00; 90-100 lbs 245.00-265.00. wooled and shorn 50-60 lbs 265.00-282.50; 60-70 lbs 250.00-260.00; 70-80 lbs 245.00-257.50, few 260.00-266.00; 80-90 lbs 245.00-252.50; 90-100 lbs 230.00-250.00. hair 40-50 lbs 257.50-262.50; 50-60 lbs 252.50-267.50; 60-70 lbs 257.50-267.50; 70-80 lbs 235.00-255.00; 80-90 lbs 230.00-245.00.

wooled and shorn 50-60 lbs 260.00-275.00; 60-70 lbs 270.00-279.00, few 284.00; 70-80 lbs 242.00-255.00; 80-90 lbs 234.00-258.00; 90-100 lbs 232.00-259.00. hair 69 lbs 232.00; 70-80 lbs 242.00-251.00; 80-90 lbs 245.00-255.00; 90-100 lbs

South Dakota: Billings Missouri

Ft. Collins

Kalona:

245.00-250.00. hair 38 lbs 215.00; 51 lbs 210.00. hair 40-50 lbs 245.00-275.00; 50-60 lbs 240.00-275.00, few 280.00-300.00; 60-70 lbs 250.00-275.00; 70-80 lbs 260.00-275.00. wooled and shorn 40-50 lbs 240.00-255.00; 50-60 lbs 230.00-265.00; 60-70 lbs 235.00-270.00, few 275.00; 75 lbs 235.00; 98 lbs 235.00.

Slaughter Ewes San Angelo:

Good 3-4 (very fleshy) no test; Good 2-3 (fleshy) 90.00-110.00; Utility and

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Good 1-3 (medium flesh) 114.00-128.00; Utility 1-2 (thin) 100.00-112.00; Cull and Utility 1-2 (very

This.u0, Cull and Utility 1-2 (very thin) no test; Cull 1 66.00.
Good 3-4 (very fleshy) no test; Good 2-3 (fleshy) 107.00-147.00; Utility 1-2 (thin) 70.00-105.00; Cull 1 no New Holland:

Good 3-4 (very fleshy) 120.00-145.00; Good 2-3 (fleshy) 87.50-137.50; Utility 1-2 (thin) 72.50-97.50; Ft. Collins: Cull 1 55 00-67 50

South Dakota: Good 3-4 (very fleshy) 71.00-90.00; Good 2-3 (fleshy) 75.00-95.00; Utility 1-2 (thin) 72.00-87.50; Cull 1 50.00-

Good 3-4 (very fleshy) no test; Good Kalona

2-3 (fleshy) 100.00-113.00; Utility and Good 1-3 (medium flesh) 95.00-98.00; Utility 1-2 (thin) 61.00. Good 3-4 (very fleshy) 70.00-79.00; Billings:

Good 2-3 (fleshy) 72.00-82.00; Utility 1-2 (thin) 74.00-84.50; Cull 1 61.00-73 00 Good 3-4 (very fleshy) no test; Good

2-3 (fleshy) no test; Utility and Good 1-3 (medium flesh) 120.00-160.00; Utility 1-2 (thin) 70.00-80.00. Western Video:

UT: 300: Good 2-3 82.00 for Sept delivery Direct Trading: No sales.

Feeder Lambs: Medium and Large 1-2: San Angelo: 58 lbs 288.00; 68 lbs 290.00; 75 lbs 270.00; 80-90 lbs 242.00-258.00. 60-70 lbs 260.00-277.50; 84 lbs Ft. Collins: 235.00; 105 lbs 235.00; 130-135 lbs 222.50-235.00.

South Dakota: 30-40 lbs 245.00-297.00; 40-50 lbs 225.00-296.00; 50-60 lbs 231.00-290.00; 60-70 lbs 242.00-289.50; 70-80 lbs 225.00-284.00; 80-90 lbs 232.50-280.00; 90-100 lbs 255.00-271.00; 108 lbs 232.00; 115-120 lbs 245.00-246.00.

Kalona no test. 40-50 lbs 300.00-304.00; 50-60 lbs 294.00-305.00; 60-70 lbs 285.00-292.00; 70-80 lbs 280.00-288.00; 80-90 lbs 269.00-283.00; 90-100 lbs Billings: 264.00-274.00; 100-110 lbs 252.50-259.00, few 264.00-266.00; 110-120 lbs 235.00-255.00; 120-130 lbs 235.00-241.00; 135 lbs 235.00.

30-40 lbs 210.00-235.00.

Missouri: Equity Coop: Western Video ID: 2500:

Missouri:

75 lbs 263.00 for current delivery. 85 lbs 300.00 for Oct delivery. ewe lambs 80 lbs 283.00 for Oct de-

CO: 1000: whether lambs 90-100 lbs 269.00-276.00 for Oct delivery. Medium and Large 1-2: Replacement Ewes:

mixed age hair 95-110 lbs 128.00-San Angelo: 158.00/cwt. Ft. Collins:

young 185.00/head; middle age 250.00/head; young hair 140.00-210.00/head; middle age hair 65.00-107.50/head.

young 165.00/head. South Dakota: no test. Kalona: yearlings 120-160 155.00/cwt; young 120-160 lbs 135.00-130-135 lbs

80.00-82.00/cwt. Missouri: no test. Sheep and lambs slaughter under federal inspection for the week to date totaled 31,000 compared with 30,000 last

week and 37,000 last year.

Source: USDA AMS LPG Market News,

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Grain Report for Friday, August 20, 2021

FUTURE SETTLEMENTS

Closing Settlement Prices (¢/bu) as of 7/9/2021

538.75 (Sep 21) 537.00 (Dec 21) 544.50 (Mar 22) 549.25 (May 22) 547.75 (Jul 22) 507.00 (Sep 22) 499.00 (Dec 22) 1293 75 (Sep 21) 1290 75 (Nov 21) 1295 75 (Jan 22) 1297 25 (Mar 22) 1299 75 (May 22) 1300 00 (Jul 22) 1288 50 (Aug 22) 714.25 (Sep 21) 728.25 (Dec 21) 741.25 (Mar 22) 746.00 (May 22) 714.50 (Jul 22) 714.75 (Sep 22) 718.75 (Dec 22) 495.00 (Sep 21) 494.50 (Dec 21) 492.75 (Mar 22) 489.75 (May 22) 484.50 (Jul 22) 461.75 (Sep 22) 448.00 (Dec 22) 702.00 (Sep 21) 715.75 (Dec 21) 725.00 (Mar 22) 728.25 (May 22) 704.25 (Jul 22) 707.25 (Sep 22) 714.50 (Dec 22) 918.50 (Sep 21) 902.25 (Dec 21) 890.75 (Mar 22) 879.75 (May 22) 866.00 (Jul 22) 771.00 (Sep 22) 767.75 (Dec 22)

US #2 WHITE CORN (BULK)

Barge Loading Elevator		Desis Obsesses	D=:== (¢/D)	Daine Oheren	A
Region/Location	<u>Basic (¢/Bu)</u>	Basis Change	Price (\$/Bu)	Price Change	<u>Average</u>
Ohio River - Lower KY	30.00Z	UNCH	5.6700	DN 0.1375	5.6700
Ohio River - Lower KY	30.00Z	UNCH	5.6700	DN 0.1375	5.6700
Purchase	65.00U	UNCH	6.0375	DN 0.1125	6.0375
Purchase	25.00Z to 30.00Z	UNCH	5.6200-5.6700	DN 0.1375	5.6450

US #2 YELLOW CORN (BULK) Country Elevators - Conventional

IIVCIILIOIIAI				
Basic (¢/Bu)	Basis Change	Price (\$/Bu)	Price Change	<u>Average</u>
-10.00U to 0.00U	UNCH	5.2875-5.3875	DN 0.1125	5.3375
-10.00Z to -3.00Z	UNCH	5.2700-5.3400	DN 0.1375	5.3050
30.00U	UNCH	5.6875	DN 0.1125	5.6875
-5.00Z	UNCH	5.3200	DN 0.1375	5.3200
35.00U to 65.00U	DN 20.00-UNCH	5.7375-6.0375	DN 0.3125-DN 0.1125	5.8875
-20.00Z to -5.00Z	UNCH	5.1700-5.3200	DN 0.1375	5.2450
-14.00Z to 51.00U	UP 3.00-UP 15.00	5.2300-5.8975	DN 0.1075-UP 0.0375	5.5638
-14.00Z	UP 3.00	5.2300	DN 0.1075	5.2300
40.00Z	UNCH	5.7700	DN 0.1375	5.7700
-25.00Z	UNCH	5.1200	DN 0.1375	5.1200
rs - Conventional				
Basic (¢/Bu)	Basis Change	Price (\$/Bu)	Price Change	<u>Average</u>
52.00U	UP 20.00	5.9075	UP 0.0875	5.9075
-9.00Z	DN 1.00	5.2800	DN 0.1475	5.2800
10.00U to 30.00U	UNCH-DN 5.00	5.4875-5.6875	DN 0.1125-DN 0.1625	5.5542
-10.00Z to -2.00Z	UNCH	5.2700-5.3500	DN 0.1375	5.3125
4.00U to 28.00U	UNCH	5.4275-5.6675	DN 0.1125	5.5475
-10.00Z to 12.00U	UNCH	5.2700-5.5075	DN 0.1375-DN 0.1125	5.3844
	Basic (¢/Bu) -10.00U to 0.00U -10.00Z to -3.00Z 30.00U -5.00Z 35.00U to 65.00U -20.00Z to -5.00Z -14.00Z to 51.00U -14.00Z 40.00Z -25.00Z rs - Conventional Basic (¢/Bu) 52.00U -9.00Z 10.00U to 30.00U -10.00Z to -2.00Z 4.00U to 28.00U	Basic (¢/Bu) Basis Change 10.00U to 0.00U UNCH 10.00Z to -3.00Z UNCH 30.00U UNCH 35.00U to 65.00U UNCH 20.00Z to -5.00Z UNCH 14.00Z to 51.00U UP 3.00-UP 15.00 UP 3.00Z UNCH 25.00Z UNCH 25.00Z UNCH 25.00Z UNCH 25.00Z UNCH 25.00Z UNCH 25.00Z UNCH 25.00U UP 20.00 UP 20.00 UP 20.00 UP 20.00 UP 20.00 UNCH 25.00U UNCH 25.00U UNCH 25.00U UNCH 25.00U UNCH 25.00U UNCH 20.00 UNCH 20	Basic (¢/Bu) Basis Change Price (\$/Bu) -10.00U to 0.00U UNCH 5.2875-5.3875 -10.00Z to -3.00Z UNCH 5.2700-5.3400 30.00U UNCH 5.8875 -5.00Z UNCH 5.3200 35.00U to 65.00U DN 20.00-UNCH 5.7375-6.0375 -20.00Z to -5.00Z UNCH 5.1700-5.3200 -14.00Z to 51.00U UP 3.00 UP 15.00 5.2300-5.8975 -14.00Z UP 3.00 5.2300 5.2300 40.00Z UNCH 5.7700 25.00Z 25.00Z UNCH 5.1200 rs - Conventional Basic (¢/Bu) Frice (\$/Bu) 52.00U UP 20.00 5.9075 -9.00Z DN 1.00 5.2800 10.00U to 30.00U UNCH-DN 5.00 5.4875-5.6875 -10.00Z to -2.00Z UNCH 5.2700-5.3500 4.00U to 28.00U UNCH 5.4275-5.6675	Basic (¢/Bu) Basis Change Price (\$/Bu) Price Change -10.00U to 0.00U UNCH 5.2875-5.3875 DN 0.1125 -10.00Z to -3.00Z UNCH 5.2700-5.3400 DN 0.1375 30.00U UNCH 5.6875 DN 0.1125 -5.00Z UNCH 5.3200 DN 0.1375 35.00U to 65.00U DN 20.00-UNCH 5.7375-6.0375 DN 0.3125-DN 0.1125 -20.00Z to -5.00Z UNCH 5.1700-5.3200 DN 0.1375 -14.00Z to 51.00U UP 3.00-UP 15.00 5.2300-5.8975 DN 0.1075-UP 0.0375 -14.00Z UP 3.00 5.2300 DN 0.1075-UP 0.0375 40.00Z UNCH 5.7700 DN 0.1375 -25.00Z UNCH 5.1200 DN 0.1375 rs - Conventional Basic (a/Bu) Price (\$/Bu) Price Change 52.00U UP 20.00 5.9075 UP 0.0875 -9.00Z DN 1.00 5.2800 DN 0.1475 10.00U to 30.00U UNCH-DN 5.00 5.4875-5.6875 DN 0.1125-DN 0.1625 -10.00Z to -2.00Z UNCH

US #2 SORGHUM (BULK)

13 2575

12.7875-12.9375

DN 0 2925

DN 0.2925-DN 0.3125

	OS #2 SONGHOW (BOLK)								
Barge Loading Elevators Region/Location Ohio River - Lower KY	Basic (¢/Bu) 30.00Z	Basis Change UNCH	Price (\$/Bu) 5.6700	Price Change DN 0.1375	<u>Average</u> 5.6700				
Purchase	45.00Z	UNCH	5.8200	DN 0.1375	5.8200				
US #1 SOYBEANS (BULK) Country Elevators - Conventional									

Price Change Basic (¢/Bu) **Basis Change** Price (\$/Bu) Region/Location Average 30.00X to 53.00X -8.00X to -5.00X 13.2075-13.4375 12.8275-12.8575 DN 0.3425 DN 0.2925 DN 5.00 13.3175 UNCH 12.8425 Purchase Green River UNCH DN 0.2925 13.1075 20.00X Green River -30.00X UNCH 12.6075 DN 0.2925 12.6075 -20.00X to 5.00X DN 10.00-UNCH DN 0.3925-DN 0.2925 12.8325 Pennyrile 12.7075-12.9575 Pennyrile -45.00X to -20.00X DN 10.00-UNCH 12.4575-12.7075 DN 0.3925-DN 0.2925 12.5825 DN 0.3225 12.1975 Louisville Louisville -71 00X DN 3 00 12 1975 DN 0 3225 12 1975 DN 0.2925 Bluegrass 60.00X UNCH 13.5075 13.5075 -45.00X UNCH 12.4575 DN 0.2925 12.4575 Bluegrass **Barge Loading Elevators** Conventional Region/Location Basic (¢/Bu) **Basis Change** Price (\$/Bu) Price Change Average DN 0.3525 DN 0.3925 Ohio River - Upper KY 13.4275 Ohio River - Upper KY -18.00X DN 10.00 12.7275 12.7275

7.00X to 20.00X UNCH 12.9775-13.1075 DN 0.2925 DN 1.00-UNCH DN 0.3025-DN 0.2925 -10.00X to 12.00X 12.8075-13.0275

UNCH

UNCH-DN 2.00

US #1 MILLING SOFT RED WINTER WHEAT FOOD GRADE (BULK)								
Country Elevators - C	Conventional							
Region/Location	Basic (¢/Bu)	Basis Change	Price (\$/Bu)	Price Change	<u>Average</u>			
Pennyrile	-20.00U	UNCH	6.9425	DN 0.1325	6.9425			
Pennyrile	0.00N	UNCH	7.1450	DN 0.1125	7.1450			
US #2 SOFT RED WINTER WHEAT (BULK)								
Country Elevators - C	Conventional		, ,					
Region/Location	Basic (¢/Bu)	Basis Change	Price (\$/Bu)	Price Change	<u>Average</u>			
Green River	-40.00N	UNCH	6.7450	DN 0.1125	6.7450			
Pennyrile	-60.00U to -30.00U	UNCH	6.5425-6.8425	DN 0.1325	6.6925			
Louisville	-84.00N	DN 7.00	6.3050	DN 0.1825	6.3050			
Bluegrass	-30.00N	UNCH	6.8450	DN 0.1125	6.8450			

Barge Loading Elevators Basic (¢/Bu) Region/Location **Basis Change** Price (\$/Bu) Price Change 6.8625 Ohio River - Upper KY -28.00U UP 7.00 6.8625 DN 0.0625 6.9450 Ohio River - Upper KY UNCH DN 0.1125 6.9450 -20.00N Ohio River - Lower KY -39.00U UNCH 6.7525 DN 0.1325 6.7525 UNCH 6.8750-6.9950 DN 0.1125 6.9350 -27.00N to -15.00N Purchase -45.00U UNCH 6.6925 DN 0.1325 6.6925 Purchase DN 5.00-UNCH 6.8450-7.0950 DN 0.1625-DN 0.1125 6.9700

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Rationing has impacted soybean demand

The rationing we have seen in the market this year has impacted soybean demand. November soybean futures are roughly \$4.50 per bushel higher than a year ago. This has deterred export sales, mainly to China. So far, China has booked 72 million bu (mbu) fewer soybeans than a year ago at this

time. Total soybean demand is only down 19 mbu on the year though as other buyers have stepped in to cover the void

China has left. We also have larger sales to "unknown" buyers who many believe to be China. The South American soybean crop is also larger than a year ago, leaving less rook for the US in the global market.

Sales have also slowed on corn in recent weeks, but still remain above normal for the marketing year. In fact, current U.S. corn sales are record large for this time of year. New crop corn sales currently total 635 mbu and total corn commitments are at 990 mbu, a 75 percent increase from last year, according to data from Ag Resource. The present U.S. corn sales pace is also 45 percent above the previous record. Concerns over the short crop in Brazil have brought the United States additional

demand, mainly from China.

Trade is not only focused on U.S. grain and soybean exports, but on beef and pork as well. The United States currently has 1 percent more pork sold for export than a year ago at this time. Pork

sales to China are down from last year though, with China accounting for 28 percent of U.S. demand compared to 40 percent a year ago. We have seen other buyers step in to

make up for this decline, mainly Mexico.

The United States is seeing a larger increase in beef demand where export sales are up 22 percent from last year. This number is a little misleading though, as last year's beef exports were heavily depressed by COVID logistic issues and a low cattle supply. This increase in export demand is being offset with concerns over slowing domestic beef demand as U.S. consumer confidence starts to fade. High beef costs and a slow in disposable income growth may start to limit retail sales.

China continues to see its hog industry recover from African swine fever losses. This has caused a sharp reversal in Chinese pork values though, with values down 56 percent since the start of the

calendar year. Hog margins have also fallen in China with producers currently facing an \$8 per head loss. The Chinese government is now buying pork for storage to help support these values. This brings into question China's long term pork import needs.

Trade is monitoring all Chinese demand at this time. In the first six months of 2020, the United States sold China \$7.1 billion of ag products. In the second half of the year Chinese demand surged to \$26.4 billion but still fell short of the yearly Phase 1 trade agreement total. Through May of this year, China had already booked \$12 billion of ag goods, putting China on track to reach its yearly \$33.4 billion objective.

The U.S. commodity market is stuck in a very tight spot. While futures need to remain elevated enough to restrict demand and provide adequate ending stocks, our values still need to be competitive enough to maintain at least some sales. In recent sessions we have seen declines to global corn and oilseed values which in turn have pressured the U.S. market. This is especially the case with cancellations starting to take place on old crop sales. Wheat demand has been better, but even there we have seen buyers cancel tenders due to high pric-

Another issue that is causing choppy trade right now is global rationing and food supply issues. This is mainly on food grains, particularly wheat, where global production is heavily mixed. Some states have plenty of wheat to allow exports while others could deplete their stocks. We are also seeing disruptions to the world meat supply, but this is being credited to COVID. Packing plants around the world are facing low labor numbers as COVID cases again rise, reducing the volume of meat they can

Global wheat movement is also being impacted by a lack of farmer selling. Farmers around the world are holding their grain off the market as they feel values will appreciate as more crop loss takes place. This is especially the case with farmers in regions with high quality wheat to sell. The question now is at what value will producers start to market their stocks.

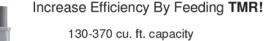
We are also starting to see renewed COVID concerns and measures impact commodity demand. We are starting to see more public events suspended around the globe, including the world's leading commodity importer, China. The United States has canceled some events as well. This is starting to cloud consumer demand forecasts right as they were starting to rebuild. While no major shutdowns to economies are expected, the lack of consumer confidence is weighing on market potential.

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By Karl Setzer



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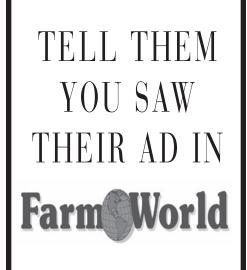
Kansas to see smaller corn crop

MANHATTAN, Kan. (AP) — Kansas farmers are expected to harvest a smaller corn crop this season.

The National Agricultural Statistics Service said in its monthly production report that the state is projected to bring in 745 million bushels of corn, down 3% from last year. The smaller corn crop is expected because the estimated 5.4 million acres to be harvested in Kansas is down 6% from last year.

The agency also said released its latest forecasts for other the state's major crops. Sorghum production is expected to come in at 240 million bushels, up 1% from a year ago. The soybean harvest was forecast at 187 million bushels, down 2% from last year.

That compares to the estimated winter wheat harvest of 380 million bushels, up 35% from last year.



Precision

FROM PAGE 4

be tracked by smart phone and through a website that includes an easy-to-use dashboard

Led by Patrick Wall, Iowa State beef field specialist for southeast Iowa, Wall and his research team have been using the feeder for cow-calf studies with the farm's registered Angus herd, including a creep feeding project designed to study use of a supplement fed to pasture-raised, spring-born calves and fall-born calves raised in a dry lot.

Apple Crop

FROM PAGE 1

picks their own apples will notice the apples might be a little smaller than usual, but that doesn't impact the taste," he said. "Everything is normal for U-Pick."

The orchard always buys some varieties of apples elsewhere, Sterling said. He's been told by suppliers everything will be good for getting the apples they need, but he won't know for certain until they get there.

Hirst said it's possible events like what happened this year could occur more often in the future. For about 15 years, he's been plotting springtime temperatures at Purdue's farm. "Everyone has been earlier than the long-term average," he explained. "It's getting warmer earlier. Crops are developing earlier. That increases the risk of frost damage. It's one of the aspects of relying on Mother Nature."

He said the trees that don't have fruit this year will be fine for 2022.

Michigan, the nation's third largest apple producing state, should have about 80 percent of its normal apple crop this year, said Anna Wallis, Michigan State University extension specialist focusing on apple horticulture. Many parts of the state experienced frost in April, but the damage to fruit was less than expected, she said.

"This has been quite a year for apple growers," Wallis explained. "There were lots of extreme weather events that impacted the crop. The crop was two or more weeks ahead of average when we had the significant frost events on (April) 20th and 21st. Low lying, cool areas that got colder temperatures might have been more impacted."

Areas that weren't as far ahead of schedule, or were a bit behind, and not as sensitive to colder temperatures weren't impacted as much, she added.

Some areas of the state dealt with summer storms that had 50 mph winds and hail up to 3 inches. "Even very small hail can have an impact," Wallis noted. "A small nick can cause fruit to be unmarketable and it also may become a path for pathogens and insects to infect it."

Hirst said the good news for Indiana orchards is that many offer U-Pick, pumpkin patches and other family friendly activities in addition to selling apples directly to consumers. "They're selling a family experience in the countryside. They're not just selling a product but they're selling that family experience. They can still offer wagon rides and other activities even though the crop has been affected."

After Jacobs' Family Orchard posted about the situation on its Facebook page Aug. 11, the response was positive, Jacobs said. "After the post, everybody was fantastic. They were saying they were so sorry this is happening to us, that they will still come and visit and get their doughnuts. It was really good to see all that. We can still make doughnuts; we still have a pumpkin patch. The world won't stop just because we don't have an apple crop this year."

Funded by the Iowa Beef Center and the Illinois Beef Association Checkoff Division, another study is looking at cows and calves' mineral intake. Wall is working with Wallace and other collaborators, including Beth Reynolds, Iowa State extension beef program specialist, on the projects.

According to Wall, the studies have shown much greater differences between the animals' feed intake than the research team would have expected.

The first couple of trials showed the calves' intake varied widely – between 0 to 15 pounds per day (the maximum they were allowed) – for calves that had the same weaning weight and were all healthy.

He said the information can help breed associations rethink their expected progeny differences, or EPDs, to better tailor management recommendations – and encourage producers to be more selective in purchasing breeding stock for more efficient livestock.

"Particularly in periods like this with higher grain prices, animals that can do more with less are much more desirable," Wall said.

Currently, he said the smart feeder can only be used for up to 100 animals at a time and would be cost-prohibitive for most on-farm uses, although he expects the technology will soon filter down to the high-end seed stock sector.

He said there are already some versions more suited to farm use that can read ID tags to tailor the amount of feed to the animal. For example, to supplement feed for heifers while they're still growing.

According to Ryan Bergman, technical project specialist in Iowa State's agricultural and biosystems engineering department, it's this kind of intricate and innovative agricultural machinery such as the automated C-Lock Super SmartFeed System that is helping farmers more accurately operate their farms.

"Precision agriculture generally refers to a set of practices or management strategy that involve precisely managing land, inputs, crops, etc., involved in an ag operation," he said. "This management is typically driven by analyzing geo-referenced spatial data to make decisions tailored to each acre.

"The term precision agriculture also often encompasses many of the technologies that enable this precise level of management," he added. "Some of these technologies might be variable rate application, yield monitoring, auto steer equipment, etc."

He said precision agriculture helps farmers better manage their input costs to produce the most profitable harvest off each acre.

"Initially, this technology was driven towards achieving higher ROIs (return on investment), lower production costs, while maintaining or increasing yields," he said. "In recent years, another growing focus of precision agriculture is the emphasis on increasing environmental sustainability of modern agriculture.

"Precision ag technologies can not only help increase sustainability," he said, "but also provide a highly effective means for documenting it."

However, precision agriculture is not without its shortcomings, such as the current computer chips shortages.



Above: The automated C-Lock Super SmartFeed System, which arrived last year at lowa State University's McNay Memorial Research Farm near Chariton, lowa, is being used to monitor cattle and calves' feed intake in research trials (photo courtesy of Chris Clark, lowa State University).

"Similar to other industries, computer chips (i.e., microchips, semiconductors, etc.) are used in many everyday tools on the farm," Bergman said. "In the past year, the pain point has mostly been around the availability of GPS (global positioning system) receiver units, as well as in-cab displays.

"Farmers needing to replace these types of items, or looking to upgrade to newer technology, have faced shortages of equipment, long lead times, and higher prices – especially in the used market," he said.

He said farmers have also likely been impacted by the recent vehicle shortage caused by a lack of microcontrollers, which are embedded inside devices to control the actions and features of a product.

"If the shortage continues, I expect we will start to see this impact ag machinery more as well," he said. "Nearly all ag equipment today (i.e., tractors, combines, etc.) contains dozens of microcomputer chips in them.

"Everything from the engine and hydraulics to the headlights and radio, utilize these types of chips," he added. "A shortage of a single type of chip could cause disruptions to production lines and impact the availability of new ag equipment."

He said many consumer electronics also use microchips, which, he added, play an important role in agriculture operations today.

"Farmers often use cell phones, iPads, etc., to manage their equipment, fields, market grain, and many other tasks," he said. "A lack of computer chips to supply these devices may be already (causing) – and could certainly cause – pain points for farmers."

But, he added, many farmers he has talked to wouldn't want to farm without the technology they have today.

"I wouldn't say we are relying on (computer chips) too much," he said. "This technology allows them to be better and more efficient farmers. This issue (of computer chip shortages) is hopefully a short-term issue caused at least in part to the supply chain disruptions caused by the COVID-19 pandemic.

"One thing I have learned over the last six months is that many common computer chips can take months to produce, and the process is complex, using highly-specialized production facilities," he added. "This makes it difficult to scale up production quickly to overcome the supply chain disruptions and meet the demand."



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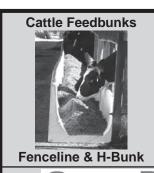
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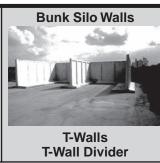


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Fishing tournament aims to reduce invasive carp

By Cindy Ladage Illinois Correspondent

BATH, Ill. – The annual Redneck Fishing Tournament was held in Bath in early August. This tiny hamlet of 300 people is located along Highway 78 near Havana, Ill. This was the 14th annual festival to try to reduce the invasive species Asian carp from the Illinois River. The festival was thought up by Betty DeFord to have fun, raise money for homeless veterans and to raise awareness about the danger the invasive carp present.

What are Asian carp? The USDA lists four types of carp termed Asian carp: bighead, black, grass and silver. They all originated from Asia and fall under the umbrella of the term "Asian carp" or "invasive carp". Besides the Illinois river, they are also causing issues in the Mississippi River and surrounding waters. Asian carp are fast-growing and prolific feeders. They take up space and food that native fish need.

This invasive species arrived in the United States as a fish for aquaculture ponds, then through flooding

and accidental release, they have made it to the rivers. The fish literally jump out of the water when they hear motorboats, thus they are also referred to as the "flying carp."

Part of the fun is the costumes that fishermen and women dress up in at the event. Joe Tooker, from Jacksonville, Fla., who dressed up like Corporal Klinger from the show MASH, said, "This is my first time here. I saw it on National Geographic and Facebook. I came without a boat or plan with a fistful of money."

Landing a space on a boat, Tooker had a grand time holding a net in costume at the same time.

Fishing is without a line; it is done by using a net when the fish are stirred to jump by the motors. Participants literally catch them in their nets with the goal to catch the most per heat. "Winners get trophies and cash," DeFord said. "The top four winners divide the prize."

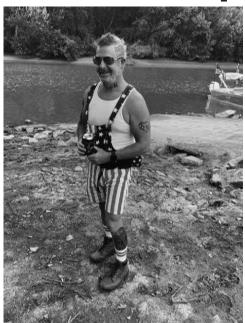
There are winners each of the two days of the event.

Dan Thomas, who dressed as Uncle Sam, said this was his second time. "We are renting a boat. We do this every year. Whoever catches the most fish wins, and the fish go somewhere for pet food," he added, sharing that the Asian carp taken from the river have a positive use. Aquatic Protein turns the fish into animal food.

Six individuals – Chris and Stacy Nolan, Laura Kiley, Dave Ducharme, and Vikki and Loren Barnes from Fennville, Mich., found their way to Bath to take part. "It's a YOLO thing, you only live once," one of the young women said about doing this fun event. The Michiganders had a team name of the "Michigan Mudpuppies."

Rick Marr, of Clinton, Ill., and friend Matt Roth, of Morton, were on hand with their boat the General Lee to serve as a support vehicle on the Illinois River Bend. "We have three boats here and a trailer," Roth said.

Below: "Flying carp" stirred up from the motor sound.



Above: Don Thomas as Uncle "Don" rather than Uncle Sam.

"We were college roommates. We do a lot of fishing and hunting. We do deep sea fishing and duck hunting," Marr said about Roth and himself.

Marr and Roth have been to eight or nine of the events and have been big winners in the past with their record being 237 fish caught in a two-hour period. The General Lee went out in the first heat as a support boat to stir up the Asian carp. "We are here for the common cause to make them jump," Marr added. "It is the frequency of the motor and the vibration that gets them to jump, we are looking for the right combination."

The fish even jump in the boats, and Marr warned can hit boaters as well. The support boat hovered in the area with downed trees, "Fish congregate in the downed tree areas, and they like to jump in the more shallow areas."

Marr and Roth are hoping to help remove the carp that Marr said, "Are voracious eaters that compete with the gamefish, the catfish and bass."

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Above: The Mississippi Mudpuppies, ready to roll!

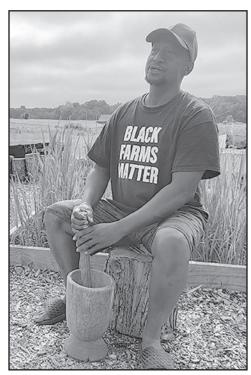
Kentucky State University awarded \$249,583 from USDA

By Doug Graves Ohio Correspondent

LEXINGTON, KY – Kentucky State University has been awarded \$249,583 in federal funding through a program that supports research efforts at historically Black land-grant colleges and universities. The agency is investing \$21.8 million across the nation. The overall investment by the USDA will fund 58 projects.

The funds will help train small-scale, minority and socially disadvantaged farmers and producers to develop strategies for handling produce and developing products that comply with federal regulations. Other projects include research on Kentucky beekeeping practices and educating students on the role of artificial intelligence in agriculture.

Kentucky State University, founded in 1886, is the state's only public histori-



Above: Black farmers in Kentucky represent just 1.4 percent of the primary farm operators in the state and account for less than 600 of the more than 76,000 agricultural operations in Kentucky. (photo submitted)

cally Black university.

Black farmers in Kentucky represent just 1.4 percent of the primary farm operators in the state and account for less than 600 of the more than 76,000 agricultural operations in Kentucky, according to statistics from Black Soil, an organization that provides support to Black farmers.

In Kentucky, small farms are not only disappearing but so are Black farmers. Kentucky is one of 16 states that collectively account for 95 percent of the nation's Black farmers, along with Texas, Mississippi, Alabama, Louisiana, Georgia, South Carolina, Florida, North Carolina, Virginia, Oklahoma, Arkansas, Tennessee, California, Michigan and Maryland. The latest Census shows that the number of Black farmers in Kentucky declined from 928 in 1978 to 385 in 2017. Meanwhile, over the same period, the share of the state's farmland held in farms of 1,000 acres or larger increased from 7.3 percent to 26.9 percent, Black Soil reported.

Jim Coleman, of Lexington, knows first-hand the plight of the Black farmer in Kentucky. He's busy restoring Coleman Crest Farm, his family's 13-acre farm, founded in 1888 and believed to be the oldest Black-owned farm in Lexington. There, in the community of Utteringtown, Coleman hopes to have the farm certified as a producer of organic vegetables.

Coleman didn't access a USDA loan, so he's not eligible for the debt forgiveness being offered to Black farmers right now, but he's found something just as helpful in his opinion. He's turned to Black Soil.

Black Soil is Kentucky's only agritourism company dedicated to reconnecting Black Kentuckians to their heritage and legacy in agriculture. The company was founded by Trevor Claiborn and Ashley Smith and headquartered in Fayette County.

Black Soil conducts year-round events, including farm tours, farm-totable dinners and off-season workshops where Black farmers, growers and producers can congregate and educate themselves on the narratives, experience

Below: Jim Coleman, owner of Coleman Crest Farm in Lexington, is striving to keep his farm venture alive and strong. The farm has been in his family since 1888. At Jim's side is farm manager Grant Walles. (photo submitted)





Above: Kentucky State University's award of \$249,583 in federal funding will help train small-scale, minority and socially disadvantaged farmers and producers to develop strategies for handling produce and developing products that comply with federal regulations. (photo submitted)

and expertise of partner Black farmers.

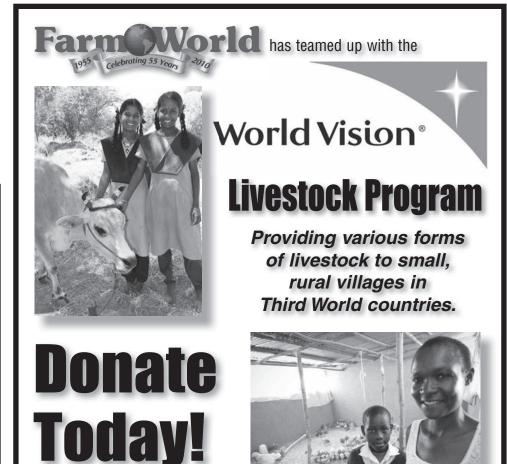
"I do believe that the biggest thing that is missing for a lot of African American farmers is the whole area of technical assistance and advice," Coleman said. "How do you improve your credit, how do you find customers before you plant, how do you get better financing, how do you talk to a bank to make them believe in your vision? That's what I've gotten from Black Soil, and that's what most Black farmers need."

Just a few miles away on a 12-acre farm resides Kenya Abraham, a Black female Muslim farmer. Her passion for farming keeps her going strong, even on the toughest days. She, too, shares Coleman's belief in the mission of the Black Soil organization.

"Black Soil has introduced me to many opportunities," she said. "Being a brown milk dairy farmer they have given me center stage for a lot of opportunities with other organizations, people in the community, and networking in general, as to highlight what I do as a Black farmer."

Through the ever-changing agricultural environment in Kentucky and elsewhere, many farmers of color like Coleman and Abraham have persevered. Many others, though, have struggled to extinction. According to recent statistics, farms owned by African Americans make up less than 2 percent of the total farms in the U.S. The federal funding of Kentucky State University may help change the lives of many minorities.

"Our 1890 land-grant universities are an integral part of our nation's fabric," said USDA Secretary Tom Vilsack in a press release. "We are pleased to be able to build the research and training capacity of these critical institutions as they develop the next generation of leaders in agriculture."



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2015 MACK PINNACLE MAC, MP7 395HP MDRIVE TRANS, AIR RIDE SUSP, P/S, A/C, 180WB, 11X22.5 ALUM BUDDS, 429,606 & 508,100 \$43,500 EA



2013 FRT CORONADO, CUM ISX 450HP, 10SPD, AIR RIDE SUSP, P/S, A/C, JAKE BRAKE, 224WB, DUAL STACKS, 11X22.5 ALUM BUDDS, 425,125 MILES FROM MAJOR LEASING CO \$49,500



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(2) 2011 KW T660, CUM ISX 450HP, ULTRASHIFT TRANS, AIR RIDE SUSP, P/S, A/C, JAKE BRAKE, POWER WINDOWS/LOCKS, 180WB 11X22.5, ALUM BUDDS, 300,010 & 398,846 MI \$48,500 EA



(4) 2015 & 2016 FRT CASCADIA, DET DD13, 450HP ALLISON AUTOMATIC TRANS, AIR RIDE SUSP, P/S, A/C, (15'S) 178WB, (16'S) 190WB, 11X22.5 160,356 THRÙ 387,256 MILES STÁRTING AT \$63,500 EA



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(6) 2013, 2014, 2015 FRT M2, CUM ISB 260HP & ISL 270HP, 3000HS ALLISON AUTOMATIC TRANS, AIR RÍDE & SPRING SUSP, P/S, A/C, 168WB, 11X22.5 ALUM BUDDS, FRT 106,050-248,060 MILES



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2013 FREIGHTLINER, M2 CUMMINS, ISC10, 270HP, 9SPD, AIR RIDE SUSP, P/S, A/C, 264WB, 24' FLATBED/DUMP, 11X22.5, 218,226 MILES\$52,500

Vintage construction, mining clubs to converge for annual gathering

By Doug Graves Ohio Correspondent

NEW ATHENS, Ohio -Their gathering is huge. And so, too, is the equipment they find and restore.

The Appalachian Ohio Antique Power Club will hold its third gathering on Sept. 11-12 in New Athens. And not just any gathering. The groups participating specialize in old construction and mining artifacts.

"Just as some people restore old John Deere and Allis-Chalmers tractors and such, we're also into the huge earth moving equipment and mining equipment of yesteryear," said Dustin Welch, president of the Appalachian Ohio Antique Power Club. "We attract those who are agriculture, construction, industrial, mining, military, logging, oil and gas, steam and transportation history enthusiasts, as well as machinery owners themselves."

Welch's club is the Ohio Valley chapter of the Historical Construction Equipment Association (HCEA), which is in its 25th year.

"And, just as some people are into restoring old antique farm tractors, we include construction and mining equipment," Welch said. "When these large pieces of equipment are no longer needed they're normally cut up and the scrap is sold, but our group is trying to promote the preservation of that machinery. At this show there will be 20 pieces of equipment from the HCEA as well as 10 to 15 more brought in by individuals."

One of the largest pieces on display will be the cab and bucket from the Silver Spade, which at one time was the world's largest earth moving machine. In Ohio, the Silver Spade was used remove the earth and rock overburden from the coal seam. Visitors can sit in that cab and work the controls.

Also on exhibit will be a 1941 Caterpillar D8. This crawler and scraper was used in the construction of the beach head, access roads and airfield on Gold Beach in France just four days after the D-Day landings.

Also on the same grounds that weekend will be the Old Construction & Mining Equipment group. Harrison Coal & Reclamation Historical Park members will have similar equipment on exhibit, as will the Antique Caterpillar Machinery Owners Club Chapter 22. The groups will display draglines, shovels, crawlers, dozers and much more.

Visitors to this year's show will see vendors with tools, die-casts models, hit-and-miss machines and their parts, antique Caterpillar equipment and more. Also included will be antique tractors, oilfield engines, cars, trucks and even garden tractors.

The two-day show will be held rain

"Someone will be there moving dirt in some fashion, unless there is a monsoon," Welch said. "We're likely to have plowing going on as well.'

Many pieces of equipment on exhibit were donated by former mine owners. Boich Mining donated a 50S-BOT, a 1950s 50-ton machine that was used to transport coal from the pit to the tipple site for processing. And, a rotary

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Above: Equipment collector Lamont McCoy stands before the Silver Spade shovel that once moved tons of coal and dirt in southeastern Ohio. (Esther McCoy

drill from the 1960s was donated by mine owner Tony Puskarich. The drill was used to drill holes for dynamite in mines. Roger Sliva will exhibit an authentic coal car with steel wheels that ran on tracks.

Photo and history displays will be on exhibit. Exhibitor camping is available

And just how does one go about collecting vintage construction and mining equipment?

"This is a niche market," Welch said. "Usually you have to be in the right place at the right time. We say in

(Gathering continued on page 13)



Above: Old equipment like this P&H 2800 electric shovel oftentimes are dismantled for scrap. But construction and mining equipment collectors are joining forces to preserve these machines, many times keeping them in operating condition. (photo submitted)

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FROM PAGE 12

touch with a lot of mining companies and former mine owners, as well as construction firms. We stay in close contact with them so that when equipment of theirs become obsolete they reach out to us. It has sentimental value to our members. Many of our members' dads or grandfathers had it in the company they worked for and want to see it preserved."

The event will be 10 a.m.-6 p.m. Saturday and 9 a.m.-4 p.m. Sunday at the Harrison Coal & Reclamation Historical Park grounds, 43672 Stumptown Road in New Athens (Ohio state Route 519 between U.S. 22 and



Above: The Northern Appalachian Coal Mining Heritage Association shows mining of the past with their exhibit. (photo submitted)

New Athens). Admission is \$3. For more information about this show email oldironshow@yahoo.com or call 330-618-8032.

Historical Construction Equipment Association Museum in 19th year

know there was a museum full of such vintage equipment?

Historical Construction The Equipment Association (HCEA) Museum is on Liberty Hi Road in Bowling Green, Ohio.

In 1992, the HCEA rented a parcel of land near Bowling Green for the purpose of erecting an equipment

are collectors of old museum to preserve and display construction equipment. Did you machines, exhibits and artifacts that represent the development and history of construction machinery from the 1800s to the present day. Today, the museum's collection includes nearly 100 machines.

> The museum is divided into an indoor exhibit hall for restored machines and restoration shop, in which volunteers work to restore equipment to their operating condition and original appearance.

> The museum includes old shovels, cranes, excavators, crawlers, wheel tractors, graders, road shapers, rollers, compactors, scarifiers, plows, compressors, drills, generators, trenchers, paving equipment, trucks, haulers, wagons, trailers, pumps and

> The tour takes about 45 minutes. Admission is free to HCEA members and \$7 for non-members. Those 12 and under have free admission. Group rates are available for 10 or more.

> The museum is open to the public between 1-5 p.m. weekdays but due to staff considerations call 419-352-5616 to make sure the facility is open. Ask for Thomas Berry.



Above: Cleveland Trencher Company's main product was wheel trenchers, like this 1953 model 140. The 'wheel' is the structure carrying the buckets. It is lowered into the ground to dig a trench. (photo submitted)



Above: Found in this museum is this 1938 Buffalo-Springfield tandem roller, which weighs five tons. (photo submitted)



Above: The teamster would sit up front and the blade man stood in back on this 1920 Austin Standard pull grader. (photo submitted)



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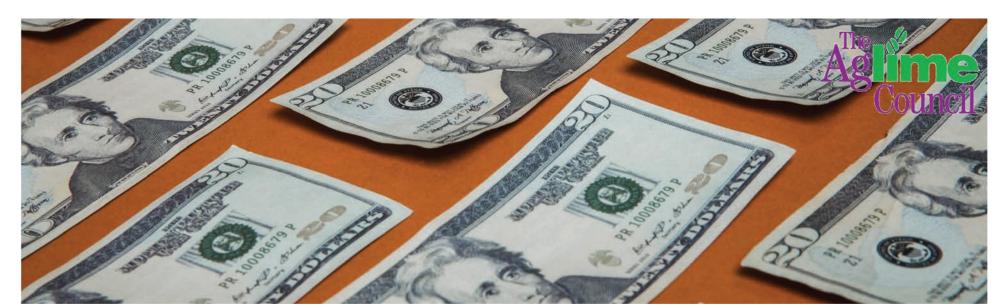
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Newton	ROGERS GROUP, INC. Newton County Stone - Kentland, IN	Josh Trader (765) 202-1239 josh.trader@rogersgroupinc.com	Sample A Sample B	91 93	24 26	19 20	103.6 102.5	21.2	12.0 11.8	59.6 61.0	3
Porter	PHOENIX SERVICES, LLC	Paul Overton (219) 787-0010	Sample A	83	25	17	96.0	29.8	4.9	51.5	
	Port of Indiana - Portage, IN	paul.overton@phoenix-services.com	Sample B Sample C	100 88	100 44	100 38	90.9 94.8	28.8 29.4	4.7 4.9	90.9 62.4	
Pulaski	HANSON MATERIAL SERVICE Francesville Quarry - Francesville, IN	Scott Malpasuto (765) 822-0254 scott.malpasuto@lehighhanson.com	Sample A Sample B	89 84	9 19	4 15	104.5 105.4	21.5 21.5	12.2 12.3	51.0 54.3	
	US AGGREGATES	John Masterson (317) 771-8599	Sample A	69	20	16	106.4	21.7	12.6	47.0	
Putnam	Francesville Plant - Francesville, IN HANSON AGGREGATES MIDWEST LLC	jmasterson@usagg.com Cliff Lingerfelt (317) 473-1028	Sample B	91	28 36	30	103.5 94.6	21.4 35.5	12.3	61.6	
	Putnamville Quarry - Cloverdale, IN MARTIN MARIETTA	clingerfeldt@lehighhanson.com Brent Leininger (765) 459-3194									
	Cloverdale Quarry - Cloverdale, IN US AGGREGATES	brent.leininger@martinmarietta.com Jordan Holt (317) 538-8467	Sample A	100	39	28	91.6	32.7 28.5	2.0 5.1	63.5 55.0	
	243 Quarry - Cloverdale, IN	jordan.holt@usagg.com	Sample B	100	58	38	95.0	37.6	0.2	75.0	1
Randolph	US AGGREGATES Ridgeville Plant - Ridgeville, IN	Kari Reynolds (765) 220-5579 kari.reynolds@usagg.com		86	27	22	105.8	21.6	12.0	59.3	Λ
Ripley	HANSON AGGREGATES Versailles Plant - Versailles, IN	Gary Huffman (812) 525-5172 gary.huffman@lehighhanson.com		79	29	25	99.2	22.8	9.5	53.3	-1
	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	Δ
Rush	RUSH COUNTY STONE Co., INC.	Mike Malinoff (513) 260-7831	Sample A	73	27	23	95.3	27.1	6.3	47.3	1
Scott	Milroy Plant - Milroy, IN HANSON AGGREGATES	mike.malinoff@jrjnet.com Gary Huffman (812) 525-5172	Sample B	76 95	31	33	96.3	23.4 31.1	3.3	55.4 63.7	
Shelby	Scott County Quarry - Lexington, IN NEW POINT STONE COMPANY	gary.huffman@lehighhanson.com Jeff Wanstrath (812) 663-2021	Sample A	93	37	32	105.1	23.2	10.5	68.2	
	St. Paul Plant - St. Paul, IN	jeffw@newpointstone.com	Sample B	97	34	28	91.7	31.2	2.9	59.9	
	US AGGREGATES Flat Rock - Flat Rock, IN	Jordan Holt (317) 538-8467 jordan.holt@usagg.com		70	22	18	96.5	32.9	2.4	44.4	
	WEST PLAINS MINING, LLC Kentner Creek Quarry - Wabash, IN	Kate Draper (260) 571-7054 kate.draper@westplainsmining.com		94	28	24	96.4	32.6	2.1	59.0	
	BARRETT PAVING MATERIALS, INC. Richmond Plant - Richmond, IN	Mark Comer (937) 424-9111 mcomer@barrettpaving.com	Sample A Sample B	100	47 100	37 100	104.4 104.9	25.8 26.2	8.6 8.4	76.7 104.9	
White	HANSON MATERIAL SERVICE Monon Quarry - Monon, IN	Scott Malpasuto (765) 822-0254 scott.malpasuto@lehighhanson.com		87	19	14	106.2	22.1	11.8	56.6	1
Illinois - Cook	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	
Kentucky - Carroll	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	
*Samples taken by The Laboratory - USACE V	Aglime Council in 2021. Samples tested by Bowser-Morn Validated	er Testing Laboratories, Dayton, OH, AASH	ΓΟ/ISO 17025 Accredited		Fo	r more	©2021 Th	e Aglime C			
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Family enjoys showing pygmy goats and rabbits at the fair

By Celeste Baumgartner **Ohio Correspondent**

HAMILTON, Ohio — 4-H reaches almost six million young people through the community of 100 public universities. Programs are delivered by 3,500 4-H professionals and 500,000 volunteers. County fairs are just one arena that showcases the efforts of these young people. Like others, when the Mignery family heads off to the Butler County Fair it's a big deal.

Sophia, age 16, Caroline, 15, Rebekah, 12, and Edward, 10, are in 4-H, showing pygmy goats, rabbits, turkeys, chickens. Often their three younger siblings come to the fair but they're not yet eligible for 4-H. When they go home it's an even bigger deal because in addition to all those critters they have to squeeze in a boatload of trophies and ribbons. Their dad, Mark, a member of the fair board, is there to help.

All four kids placed high in their classes, winning several grand and overall championships. Even more awards pour in for special interests including shooting sports, sewing, natural resources, beekeeping, and others.

Sophia and Caroline took part in the very first Animal and Me Class this year. They worked with two specialneeds folks, Maria and Brooke. They would visit the Mignery's home and Sophia and Caroline would show them how to take care of the goats, and how to show them. Brooke couldn't make it to the show but Maria exhibited Queenie.

"This is quite a chore, doing this with this many kids, said their mom, Allison Mignery. "4-H teaches them a lot of life skills and leadership. They take care of the animals on their

"They plan the breeding schedule, what time of year they want them to be born to be ready for the show," she said. "The judges told them how their animals need work on a certain area, so they try to plan the breeding around work including that part of the goat."

They also breed their rabbits for the fair. Allison said. While the rabbits are sold at auction, the pygmy goats, considered a pet, go back home. The family has about 30 goats and a waiting list of people wanting to buy them. Likewise, they are on waiting lists to buy other goats to change the genetics of their herd.

Pygmy goats are considered a pet in the United States, but they're a dual-purpose goat in Africa, where they originate, yielding meat and milk. Mignery said.

When asked if they enjoyed 4-H, the four replied: "Yes, it's so much fun coming to the fair; we love showing our animals and working with them."



Above: Caroline, Sophia, Edward, and Rebekah with some of their award-winning pygmy goats. They all love showing and working with their animals.









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Freije & Freije Auctioneers announce partnership with Mississippi company

Freije & Freije Auctioneers, of Clayton, Ind. (near Indianapolis), have announced a strategic partnership with Jeff Martin Auctioneers, Inc., of Brooklyn, Miss. This partnership will see Jeff Martin Auctioneers providing logistic support and management for the rapidly growing Indiana auction company. In return, Jeff Martin Auctioneers gains a permanent and established auction location in the heart of the Midwest and an established local team of salesmen and auction staff.

Freije & Freije Auctioneers is a fourth-generation auction firm specializing in the sale of heavy construction /agricultural equipment, automobiles, and related assets at auction. Their real estate division conducts residential. commercial and agriculture land sales by both auction and traditional listings as well as appraisals. Tom Freije is one of the on-staff auctioneers as well as the head real estate appraiser. He runs the Appraisal Division and Conventional Real Estate with his wife and Broker/ Appraiser Jennifer Freije, both lifelong Hendricks County residents. Jeff Martin Auctioneers has auction locations in 12 states and serves the eastern half of the United States with industry-leading marketing and customer service. Focusing primarily on heavy equipment, Jeff Martin Auctioneers also sells transportation items, agricultural and industrial equipment, and real estate at auction.

"Our auction facility has steady grown since my grandfather first started selling groceries and household items at public auction in the 1950s," said Richard "TJ" Freije, president of Freije & Freije. "Our son, Tyce, the fourth generation of our company, has joined the family business and it is time to take the next leap in serving our customers and clients. Partnering with Jeff Martin Auctioneers will give us the resources of a national auction firm while maintaining our local, Indiana-based commitment to service."

The partnership will offer Jeff Martin Auctioneers a fully staffed auction yard and location in central Indiana with easy

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access to major highways, I-70, I-74 I-69 and I-64. "Our company is expanding. We need good people and good locations, and this partnership does both," noted Jeff Martin, CEO of Jeff Martin Auctioneers. "The location west of Indianapolis is a critical crossroads for expanding our national operation. TJ and his family share our values and commitment to clients. TJ is an excellent auctioneer and an industry leader and will be an important part of our growth and expansion strategy."

The first auction for the strategic partnership will be Aug. 27-28 at 2268 U.S. 40 Scenic, Clayton. The auction facility is currently open and accepting consignments of all types of equipment, automobiles and other assets. For more information on Jeff Martin Auctioneers, https://www.jeffmartinauctioneers.com/Freije & Freije Auctioneers, of Clayton, Ind. (near Indianapolis), have announced a strategic partnership with Jeff Martin Auctioneers, Inc., of Brooklyn, Miss. This partnership will see Jeff Martin Auctioneers providing logistic support and management for the rapidly growing Indiana auction company. In return, Jeff Martin Auctioneers gains a permanent and established auction location in the heart of the Midwest and an established local team of salesmen and auction staff.

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Belgians make large hoof print in draft horse industry

By Susan Mykrantz Ohio Correspondent

MT. HOPE, Ohio – In spite of the challenges, it is a good time to be in the draft horse industry, according to Corbly Orndoruff.

Orndoruff and his family operate Valley View Farm, home to about 50 Belgians, in Waynesburg, Pa. He is a fourth-generation Belgian breeder and member of the board of directors for the Belgian Draft Horse Corporation of America. Orndoruff was one of the presenters during a series of seminars at the 2021 Horse Progress Days in Mt. Hope.

Orndoruff said his family has been in the Belgian business for 100 years, and it is a great time to be in the draft horse industry.

"It is humbling to think about what it has taken to keep Belgians on the farm for that long," Orndoruff said. "Grandpa left us a legacy that we have tried to uphold. We have had a good foundation for our breeding program."

In the 1930s and 1940s, draft horses were the primary source of power on American farms, but as tractors gained popularity, draft horse numbers declined. Over the past several years, the draft horse market has been coming back.

"It is a great time to be in the draft horse business," Orndoruff said. "But we can't just think it is always going to stay this way. We have to be mindful of the destination of our horses. Right now we can make money with anything, but we have to keep an eye on our breeding program to something people will be looking for when there is a glitch in the market."

Orndoruff said Belgians are a versatile breed. They have a show presence, but they can also work in the field and on the pulling sled. But breeders also need to find a market for horses who don't fit the show market.

"We have to build a horse that can do it all," he said. "As breeders, we need to make it happen. Be critical, don't be blind, but as a breeder, it is a challenge to be critical of your animals. Have a vision. We can have fancy horses, but they still have to have structure and form. The horse has to have it all."

For example, Orndoruff said hitch teams have been looking for larger wheel horses, so breeders are looking at different options, meaning new bloodlines and different traits. He said breeders still need to breed horses with style for the hitch market, but it takes more than a fancy moving horse, the market needs a horse that will do everything; more draft, more substance.

Even though bloodlines change, there are still consistent things. Orndoruff said draft horses start at the ground up. Breeders still need to breed a horse with good feet and legs, clean hocks, length and slope of their pasterns, size and scale.

"You have to keep driving, you have to keep thinking, never be satisfied," Orndoruff said. "As breeders, we may not be critical enough of our work. We are trying to breed individuals that will better the breed. You are trying to be a trendsetter and trying to set trends as a breeder. We have to pay our bills, but we also have to create a horse that will command attention. The horse has to evolve and keep the public's attention. As breeders, we need to find a way to have something that will create excitement and value even in a down market."

A few years ago, the draft horse market was weak, but right now, the draft horse market is strong, because the demand is greater than the supply, according to Orndoruff.

One reason the demand is greater than supply is when the market softened some breeders left the industry or reduced their herds, so when the market came back, breeders didn't have enough mares to breed and meet the demand.

Another factor is the feedlot market. "A lot of you don't breed horses for the feedlot market," Orndoruff said. "But if you have a problem horse, that is an option to handle the problem."

Orndoruff said breeding stock needs to have a presence and breeders need to have an idea as to what the next generation of horses is going to look like, but they don't



Above: Belgians can work in the field or perform in the ring. During Horse Progress Days, eight Belgians demonstrated their power on the reins of this baler. (Susan Mykrantz photo)

have to give up the dominant traits.

Breeders need to remember that it takes five years from the time a foal hits the ground before they know what they have. Even so, Orndoruff said breeders should start planning the next generation as soon as a filly hits the ground and plan the next mating.

Orndoruff said the challenge is that as the draft horse industry moves away from agriculture, the industry also doesn't have as many people with draft horse experience.

"The challenge is how do we encourage the next generation of enthusiastic breeders," Orndoruff said. "We need to get new people involved and keep a positive outlook."

One of the challenges facing the draft horse industry and possibly livestock exhibitors as a whole is the accessibility to shows and promotional events.

Orndoruff said funding for shows and events has been pulled back due to budget issues at all levels and COVID-19 cancellations have had a greater impact on funding levels.

"We can't afford to lose these events, it is the only way to get out in front of the public," Orndoruff said. "We need to push back. Our job is to interact with people and explain how we care for our horses. Fairs need to restore funding for shows after the COVID interruptions. If people leave the industry we will lose our support industries."

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Class A CDL driver wanted, grain & green corn hauling, home daily. 765-969-6483. Rushville, IN.

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Classified Deadline: Monday 11:00 AM Eastern Time **Holidays Affect Deadline!**

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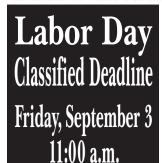
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- 1-16'x11' slide door
- . 1-3/0 walk-in door
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Call for Pricing! 48'x80'x14'

- 1-20'x12' 6" split slide door
- 1-24'x14' split slide door
- · 1-3/0 walk-in door
- Engineered Truss 4' on ctr. **Call for Pricing!**
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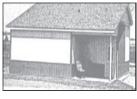
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They will send you a check that appears to be good, but overpays to the amount of what it costs to pick up equipment, and later wants a wire sent to them through Walmart because they now will pay the pick up company. Their check comes back bad after a few days, and the Walmart wire cannot be reversed. They have been reported to the Federal Trade Commission (FTC) and the Federal Bureau of Investigation (FBI). ALERT!

If you are contacted by a company called National Marketing or Ultimate Market Place from Omaha, Nebraska and others, please be careful. Farm World has been alerted about representatives of Boese Media Marketing, Heartland Media Group LLC, National Marketing & Ultimate Market Place, Sgt. Christopher (TX), Ryan (IA) anyone requesting transaction with PAYPAL account and others claiming that they will work for a brokerage or leasing company that matches buyers and sellers together and offers financing to buyers. For \$99-\$400 dollars they claim they have already brokered a buyer for the equipment, and want a credit card over the phone to begin the process. As time goes on, nothing happens, phone calls are not returned, and the equipment is not sold. We have heard from over 400 people, and have filed a complaint with both the Secretary of State and the Attorney General in Nebraska. If you have any experience with this company, please contact Consumer Protection Mediation Center 800-727-6432. Also we would like to hear from you. Please call . 1-800-876-5133 x 302 and ask for Garv.

A scammer will often try to pressure you into making a quick decision and to pay up front.

These are warning signs that should not be ignored!

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DO NOT GIVE YOUR CREDIT CARD OVER THE PHONE.

3 weeks for the price of 2

60 CARS

2006 Ford Mustang GT, 8,650 miles, immaculate, all original, silver w/gray interior, \$22,000. 765-426-5711 Frankfort, IN.

Classified Deadline: 11:00 AM EST

80 TRUCKS

1977 Ford LN 8000 tandem grain truck, 3208 CAT, 10 spd., twin screw, Hendricks susp., 18' bed, cargo doors, like new tires, extremely nice truck for its age, must see, \$20,000. 765-621-2192. Pendleton, IN.

1979 C60 Chevy dump truck, 400 bu. box, single axle, very gd. \$4800. 618-843-2837

1979 Ford L800, twin screw, 477 motor, 20' grain bed w/hoist, gd. shape; 1975 Ford L880, twin screw, w/hoist, selling as is. 765-661-3153 Fairmount, IN.

1986 Int. 9370 semi, 855 Cummins, 9 speed, alum. wheels all around. 317-697-8206. Wilkinson, IN.

1994 Chevy 1500 4x4 Silverado, power everything, very very clean, stored inside, \$5950 OBO. Call for details. 765-993-4250. Liberty, IN.

1996 Freightliner FDL Detroit 60 Series, strong, farm truck, \$4000. 317-440-2064 Lebanon,

1999 Freightliner FLD 112, N14, 170,000mi., \$13,500; Mack triaxle dump truck, \$12,500. Call or text 765-744-1500.

2005 IH 8500 Single Axle Daycab, 310HP Diesel,

GOOD FOR UP TO 30' HOPPER!--\$19.500 (105662)

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HAULER!--\$12,500 (196648)

Spd, Air Ride & Cab, 179K Miles, Alum Wheels,

1999 Int. 9100 10 wheeler, 60 Series, Detroit eng., 20' bed, 64" sides, scissor hoist, roll tarp, (8) new drive tires, new brakes, nice, clean truck. 812-384-5933 Linton, IN.

2003 Chevy 1500, 4x4 long bed, does not run, \$1500 OBO. Call for details. 765-993-3133, Liberty, IN.

2004 Thomas school bus, 150,000 mi., Cat eng., runs & drives very gd. 419-305-3938 Rockford, OH.

2017 Chevrolet dually bed, 1989 Dodge LE250 regular cab, long bed, 318 gas, 2WD. 1969 CO1800 Loadstar Int. grain truck, 16' twin hoist grain bed, 392 eng. 330-277-3466 Summitville, OH.

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HOPPER DESIGN, Sight Windows, Roll

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6

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1991 Fontaine 45' flatbed, oak floor, new air bags, \$6000. 765-524-3062 Cambridge City, IN.

2002 White Keene 36' steel hopper btm., gd. cond., \$7000. 765-524-3062 Straughn, IN. 214 M108S Kubota, 460 hrs.,

cab loader, 4WD. 859-630-3533. Crittenden, KY.

6x16 Moritz livestock trailer. 567-204-3309 Maria Stein, OH.

94 Wilson hopper, black, SS frnt/rear, air ride, strap traps, one owner. 765-238-2861 Losantville, IN.

Agri-Traders hopper btm. trailer, 35', 11Rx22.5 tires, new tarp, \$5500. 260-396-2697 Columbia City, IN.

Bonanza livestock trailer, new axles, new brakes, & bearings. 513-309-1041 Galion. OF

JD 893 CH w/Demco trailer package, \$80,000 will separate. 937-538-1533. Sidney, OH.

Omaha standard grain body, 700+ bushels, 22' long, 64" sides, cargo doors, roll tarp, channels have been replaced, \$4900. 812-525-2231. Valonia,

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210 CATTLE



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(27) Holstein springer heifers, due starting mid-Sept. Contract available to qualified dairy. 812-212-5653 Batesville, IN.

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1990 JD 9500 combine, 4902 eng. hrs., 3446 separator hrs. & 2000 693 CH w/hyd. deckplates, both ready for harvest, always shedded, like to sell as a package, \$34,000 obo. 317-509-6910 Rushville, IN.

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2004 Kinze 1050 grain cart on tracks, 30" Camso tracks, 10" ext., roll tarp, scales, plastic liner under horizontal auger, Kinze steel wear sleeves welded in vertical tube, good flighting, always stored inside, cart is in exc. shape. \$52,000. 812-593-0227. Greensburg, IN.

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Killbros header cart. \$9000.

515-5859 Russellville, OH. Case IH 1660 combine, 4800 hrs., reman IH eng., AC/heat work well, feed reverser, overall gd. shape, \$8500. 20' 1020 head also avail. 513-502-8057 Mor-

row, OH. Gehl CB750 chopper 2R CH, 540 PTO, electric spout, \$2750; Kasten silage wagon, \$1200. 812-327-1333 Bloomington, IN.

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JD 3970 pull type forage harvester, 2 row CH, hayhead, field ready, \$5000. Paulding, OH. 616-

Mever 500 16' forage wagon. Knowles 12T tandem gear, 3 beaters, gal. sides, \$3500. 765-524-4073 Straughn, IN.

NH 782 chopper, 2R CH, 770 hay head, elect. spout, 1000 PTO, \$3500; 920 Gehl wagon, 3 beaters, roof, \$2500; 1416 Badger wagon, tandem, 3 beaters, no roof, \$3000. All gd. equipment. Leave a message or text, can provide pictures. 937-286-6108 Middletown, OH.

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Clean rye seed for sale, \$12/ bu., 765-661-4251 Fairmount, IN.

Gainer 154 winter tritacle,

Canadian cereal rye. Totes or bulk load. Other cover crops also avail. Milroy Seeds 765-561-6754 Milroy, IN.

KELP - Acadian Kelp Meal for livestock mineral & soil amendment. Multi-bag & pallet quantity discounts. Grazing Sysply, Inc. 888-635-8588. Systems Sup-

Rye seed & other cover crops & mixes, Rye grass, oats, clover, radishes, call early, prices may change. New Castle, IN. 765-478-

Seed corn, seed beans, "WHOLESALE", new 2022 National brands. Delivered. Cash, credit cart, finance. #1 USA Distributor. 515-322-7601.

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We pay top dollar for damaged grain. Trucks and vacs available.

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Pruess Elevator Inc. 1-800-828-6642

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PLEASE NOTE: 15 Word Minimum On **All Classified Word Ads**

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Bowman Ag Service. Please call for competitive dry & liq. fertilizer prices delivered to the farm. 937-472-8269 Eaton, OH.

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AG Chemicals Low priced ag chemicals.

Also selling liquid & dry fertilizer. All products available. 513-678-1042 (360-25tfx leave message Serving Tri-State Areas.

370 SEED HANDLING EQUIP.

Unverferth Seed runner 3755 tarp scales, 3 axles, seed treater like new, only used 2 tanks of gas, buying a bigger model, \$30,300. 517-881-4996. Lansing, MI.

PLEASE NOTE: 15 Word Minimum On All Classified Word Ads

380 FERT./CHEMICAL APPL. EQUIPMENT

2011 570 Redball pull type sprayer, 90' booms, 1200 gal. tank, \$10,000. 616-893-9281. Paulding, OH.

30' pull type Smucker weed wiper, \$2000. 517-442-9524 Blissfield, MI.

3500 gal. SS fert. tank, cone bottom, \$5800. 618-843-2837

3pt sprayer 110 gal tank, 25' booms, \$200 w/Ace PTO pump \$350. 765-969-1627. Glenwood,

Bestway pulltype 1000 gal. 60', 3 section triple nozzle boom sprayer, foam marker, \$9500. 260-726-2228. Portland, IN.

Disc covers for anyhydrous ammonia knives, set of 6, \$300/all. Russiaville, IN. 765-461-7917.

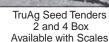
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Enduraplas Nurse Trailers Many Options Available





Tanks/Trailers (380-tNov4)

Classified Deadline: Mon. @ 11:00 AM EST

390 AUGERS

61'10" Westfield auger, low profile, swing away, hopper, replaced 5 seasons ago. Dean Burton, 765-564-1566. Delphi, IN.

62' Hutchinson 12" straight auger, middrive, electric or can be PTO drive, no motor. 574-817-6759 Kewanna, IN.

Feterl 8"x40' PTO auger, not been used since early 70's. LN. Stored inside. Delivery avail. \$2000. 419-277-0668 Holland,

Sudenga 10"x61' swing-away auger, 2 years old, exc. cond., little use. \$8000. 260-410-0503. Ft. Wayne, IN.

Warehouse pricing on Mayrath swing-aways, roll-aways, inline drive, top drive, large selection, many sizes on hand. Prompt delivery available. Call 877-846-5381 days, 419-303-6881 eves. Delphos, OH.

Westfield Low profile swing-away for 10" auger w/hyd. assist wheels. \$1000. 765-461-7917. Russiaville, IN.

410 ANTIQUE TRACTORS

(2) JD row crop, restored tractors, 530-630; (1) JD 4020 diesel w/wide front, new injection pump, fair tires, \$7000/each. 812-782-3261. SW Indiana.

For Sale or trade, antique tractors, parts & equip. 812-907-0957. Aurora, IN.

JD LA SN:1261, exc. cond., \$3500. 740-256-6011 Gallipolis,

420 SKID STEER LOADERS

2008 Case 440 skidsteer, 2 spd., auto detach, 5200 hrs. 937-538-1533. Sidney, OH.

2015 JD 328E skid steer, 2 spd., auto detach, 7800 hrs., \$10,000. 419-852-0578 St. Hen-

2016 Bobcat 2070 hrs., cabheat-air, (2) spreed, auto detach, \$28,700. 937-538-1533. Sidney,

430 IRRIGATION

8x6 Pacific pump on stand, 6 cylinder turbo Allis motor, solid unit, 4.5" hard hose reel, 1250 ft., almost 4000 ft. 6" McDowell alum. pipe. Have pics. avail. \$12,500 obo. 270-885-3844 leave message/text. Hopkinsville,

440 FARM EQUIP. WANTED

30' MacDon draper head to fit Case IH 5088. New Bremen, OH. 419-953-7513.

JD tractors or combines for parts or repair. 812-591-2144 or 812-525-1963 N. Vernon, IN.

We Buy Damaged Tractors Not Worth Repairing. 937-548-0718.

450 TRACTORS

'94 Wheeler 40' hopper bottom, \$6500. 812-276-3123. Williams,

1971 JD 4320, gd. paint & metal, 3 hrs. on new eng., tach, radiator, newer front & RT rear tires, sync shift & RT hand console remotes, show potential! \$18,000. 765-367-2014 Waynetown, ÍN.

1981 IH 1586, 20.8x38 duals, 1000 PTO, fully weighted, 3 valves, 3578 hrs., 812-249-5082. Terre Haute, IN.

1989 Case IH 7140 FWA, 7872 hrs., good cond., 3 hyd., dual PTO, 3pt quick hitch, Duals, tires 60%/80%, front weights, owner retiring, \$44,500 firm. 567-674-4114.

1990 Case IH 9180, 6272 hrs., engine overhaul @ 4821 hrs., 30.5x32 duals, bare back, all LED field lights, painted in 2013, \$55,000. 574-817-6759 Kewan-

1990 JD 4755, 2WD, 6500 hrs., 18.4x42 duals, inside 95%, outside 75%, quick hitch, cold AC, power shift, (3) hyd. remotes, full weights, very sharp, \$46,500. 812-350-0969 Hartsville, IN.

2009 CAT 835C, PS, 3 pt. w/ QH, 4 rem., fully weighted, 4700 hrs., 2nd owner, sharp, \$117,900. 989-213-7156 Freeland, MI.

Case 2590, 4100 hrs., duals, 1000 PTO. 317-512-4750 Flat

Case Maxim 150, 950 hrs., 5 years old, like new. 937-726-

IH 560 gas, new paint, new tires, WF, fenders. 219-869-1356 Ida-

JD 1979 4040, 4 post canopy, Quad Range, 18.4x38 radials, nice. 815-786-2915 leave mes-

JD 4010 dsl., 1963, runs gd., \$6500 obo. Delivery avail. 270-265-3358 Guthrie, KY.

JD 4440 419-230-4925. New Bremen, OH.

JD 625M w/340 loader. 419-230-4925. New Bremen, OH.

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Many late model machines

Hill-T Farm

4295 Richmond • Palestine Rd. New Madison, OH 45346-9608 (937) 548-0718

450 TRACTORS

JD 8770 bareback, good tires. 517-741-7312. Sherwood, MI.

Kubota M6-131 loader, MFWD, \$60,000. 812-427-3411 Vevay,

460 LAWN & GARDEN

Out of business greenhouse. Plastics for sale. New & used 4" square & round pots, carrying trays, planters, hanging baskets, mum pans, inserts & flats, Call for complete list. 419-618-1630 New Riegel, OH.

470 FARM TIRES

(2) 16.9x34 tires & tubes, \$150 ea. (2) 12.4x24, \$75 ea. 765-774-4478 Losantville, IN.

(2) Firestone floaters 68x50-32 on rims, very gd. Can text pictures. \$5000. 269-719-6644 Tekonsha, Ml.

(4) used 18.4x42 Goodyear, tires & tubes, still good for duals. \$50 per tire & tube. 812-599-1607 Knabb, IN.

18.4x38 Alliance AgPro, w/ snap on duals, has been over 30 acs. or less, like new, \$2500 obo. 502-552-0323

Firestone turf tires & rims for JD 5 series, front 9.5x16, rear 21.5Lx16.1, very little use, exc. cond., \$1500. 517-902-8092, Britton, MI.

Set of (4), 800/70/38, 65% tread, \$1200/tire or \$4400/all. 765-546-1883 Winchester, IN.

Used rear tractor tires, avail. in many sizes. If you don't get our price on new Goodyear, Firestone & Titan rear tires, you're going to pay too much. (IN) 1-800-382-9958, (others) 317-462-4421.

480 GRAIN BINS & DRYING EQUIP.

(12) Bin jacks on trailer, \$1500 OBO. 937-533-0191. Eldorado,

(2) 15' grain bins, 2400 bu. each, 4 rings high, roof door, ladders

side & out, purchaser disassemble, \$750 ea. 937-533-0191 Eldorado, OH.

(27) used bin sheets, 48' diameter, gd. for indoor flat storage, \$1000. 765-524-3062 Cambridge City, IN.

28" Farm Fan heater, \$800; centrifugal fan w/bad 20HP motor, \$700; 3 phase converter was running, 20HP motor, \$900. Consider offers. 765-561-0225 Rushville, IN.

30' 8" Hutchinson power sweep, brand new. 937-239-8041. York-

GSI 3000 bushel hoppertank, 15' diameter. 812-946-0395. Hardinsburg, IN.

Kongskilde air blowers, (2) TRL 100/direct drive, (1) TRL 100 golf drive, single phase motors, \$1500/each, \$4000/for all 3. 517-881-4996. Lansing, MI. M&W 450 continuous flow dryer,

small 1000 PTO 110V used last year, updated this year, \$2500 obo. 812-384-6883 Worthington,

New & used grain dryers, G.T., Delux, GSI. Call anytime 1-877-422-0927. New & used Kongskilde grain

vacs. New GT recirculating batch

dryers. Cornwell Equipment. 217-543-2631 Arthur, IL. **Suckup 27"** Model #V286LT, fan & heater SN#55088, Good shape, \$600. 219-253-7132.

Monon, IN. Super B grain dryer, AS 8, 150 bu., LP, single phase, \$5250. 937-621-2663 New Madison, OH.

Unverferth 7000 scales, roll tarp, 30.5/32 tires, nice, \$12,000. Three Oaks, Ml. 269-449-8630.

Used Essmueller drag conveyors (13"x17") and (10"x17"). Call for details. Just in 4" bin sheets used: 1 ring, 36', 13 ga. PP Butler & 1 ring 42', 17 ga. GSI. Also 26 4" OS stiffeners, 7'4" long, \$92 ea., nice. Redelman Bin Service. 812-663-3164 Greensburg, IN.

480 GRAIN BINS & DRYING EQUIP.

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260-350-0625

490 COMBINES & PICKERS-HEADS

(2) Case IH heads, 2008 CH adjustable deck plate, poly, new chains, sprockets & deck plates; 2020 30' bean head, new poly skid plates, dish adapter, will fit flagship or older combine, all for \$14,000. Call for pics. 812-360-2984. Rushville, IN.

1984 IH 1460, electric over hyd., approx. 4800 hrs., exc. cond., too many updates to list, call, \$8500. 740-256-6011 Gallipolis, OH.

1987 JD 7720 Titan II combine, 3591 eng. hrs., nice combine, \$9500. Greensburg, IN. 812-663-

1990 CIH 1640, RT, chopper, grain tank ext., 3064 hrs., exc. cond., \$17,500. 618-562-4819.

1992 JD 9500, 6115 Hours, 4480 separator hrs., 2WD, bin extensions, Dial-A-Matic, chaff spreader, 20' unload auger, stored inside, well maintained, \$18,500. B&B Rentals. 765-620-6076 Pendleton, IN.

1993 JD 643 CH, low tin, oil bath, telescoping spine drive shaft & Unverferth HT25 header \$7500 for both. 260-705-1353. Ft. Wayne, IN.

1997 R62 Gleaner, lateral tilt, 2WD, \$10,000 spent on repairs, well maintained, field ready, \$32,500. 937-483-6286 Mt. Orab, OH.

2004 Case IH 2388,4WD, AFX rotor, tracker, rock trap, reverser, dealer inspected & serviced. field ready, 1020 30' head & Unverferth cart. 812-972-3638, 812-972-3570, 812-972-3738.

Palmyra, IN. 2006 893 corn head, HHS, coutour, hyd. deck plates, complete rebuild w/cornhead rebuilders, hard surfaced parts, rolls, deck plates & lower guide blocks & chains, field ready. 317-498-3716, Wilkinson, IN.

Signed

2008 JD 9770 STS, 4x4, premier cab, C/M, high torque variable speed, GS harvest monitor, spreader, high capacity unload, extended wear separator, 20.8-42 duals, 28L-26 rears Firestone tires, bin ext., very well maintained. \$95,000. 812-569-0356. Brownstown, IN.

2009 JD 9670 combine, 2673 eng. hrs., 1721 sep. hrs., duals, 4WD, chopper, high capacity unload, well maintained, field ready, \$84,500. 812-521-1746 Seymour, IN.

2013 CIH 3020, 30', exc. cond., \$18,500; 2011 CIH 3020, 20', exc. cond., \$17,500. Have adapter plate to fit on small feeder house combines, 618-562-4819.

2013 JD 635FD, flipover reel, well maintained, \$42,500. 812-521-1746 Seymour, IN.

2013 JD S550 combine, PRWD & duals, 985 Sep. hrs., contour master, single point hookup, yield & moisture, 21' unload, chopper & spreader comb, field ready! Will deliver up to 300 mi., \$135,000. 618-214-6666. 618-318-9014. Scheller, IL.

2014 Case IH 3020 platform, 30', \$20,000. 317-691-1554 Shelbyville, IN.

2014 JD 606C, hyd. deck plate, auto height, row sensor, yetter stock roller, \$29,500. 765-993-0183. Winchester, IN.

210 JD 606 CH, nice shape, has nice rolls. Can send pictures. \$26,000. 937-402-0878 Lees-

burg, OH. **6600 combine**, w/444 CH, 215 bean platform, \$4000 obo. Will separate. 812-381-3255 Worth-

83 JD 6620 combine, gd. engine, rear wheel drive, buy parts or complete; also JD 443 corn head, \$2200. Argos, IN. 574-892-5340.

490 COMBINES & PICKERS-HEADS

9560 STS chopper assembly, nice, flails, \$700. 937-402-0878 Leesburg, OH.

Bish header adaptor to convert older style John Deere heads to Case IH combines. 419-680-5238 Green Springs, OH.

Case IH 1063, 30" poly cornhead, will fit 60-80 series, combines, field ready, \$7500. 419-752-2171. Greenwich. OH.

Case IH 1063 CH, 6R, exc. cond. 419-305-8634 New Knoxville, OH.

Case IH 2206. 6 row CH. \$1100: 1063 CH, \$3800 w/corn reel \$1200; header cart, \$800. Call or Text 937-423-0005. West Manchester, OH.

Case IH 7010 bin ext., \$1900 eng., \$1700 rotor, good concaves, 1 owner, always shedded, 600 mon., duals, new chopper, 574-583-3001.

For Sale: 1979 JD 4400 combine, diesel w/4 30" row CH, 13' grain platform, make offer. 812-663-2122. Greensburg, IN.

Gleaner 8000 Grain head 20' cut, SCH sickle, 4 aft reel, lateral tilt, long dividers w/Killbros header cart, \$13,000;. 6 Row 30" CH, \$9000; R65 hookups, CFX-750 display, \$1800; Hudson, Ml. 517-

IH 1020 17.5', \$4800. 812-614-7276. Greensburg, IN.

Int. 1688 combine, 4WD, gd. tires, gd. cond., \$8900; IH 25' 1020 platform, \$5500 obo. 812-236-0454 Clay City, IN.

JD 1984 6620 combine, 643 CH, oil bath, low-tin, 619 grain platform. 812-309-8310 Loogoo-

JD 213 bean head, real good shape, \$2850. 317-954-0537. Morgantown, IN.

JD 643 CH, low tin, oil bath, adapter & drive shafts for CIH 2166, low acres, \$3500 obo. 269-806-0749 Scotts, MI.

JD 7720 runs good, 220 grain platform w/header cart, \$10,000 OBO for all. 260-494-7672. Bluff-

JD 7720 Titan 2, gd. radial tires, \$7500; 220 head, \$1000; 643 \$2000. 419-733-1751 Celina,

JD 9500 5000 hrs., exc. cond., 920F GH, 643 CH, both exc. 419-633-2019. Delivery Avail. Edon, OH.

JD 9610 combine, 4WD, 4399 eng. hrs., 3130 machine hrs., 893 8R CH, 925F 25' platform, 2 head carts, package \$45,000. 812-295-6807 Loogootee, IN.

JD 9650 STS combine, 1950 hrs., autotrak ready; 2009 JD single point, new stainless w/J&M trailer. 937-538-1533. Sidney, OH.

JD CH 643, poly snouts, PTO hook ups, \$5000. 812-701-7078 Bedford, KY.

M2 Gleaner combine, long sieve, big concave takes 25% more grain, factory rear assist, 301 dsl. eng., just like M3 combine, nice machine, asking \$7500. 765-509-0884 Ridgeville, IN.

New Yetter 12 row stock, devastator, \$7000. Bainbridge, IN. 812-605-0017 NH TR98 1996 model, exc. shape, 3834 engine hrs., 2843 sep. hrs., 350 bushel grain tank, spreader, chopper, tires 90%;

500 WAGONS

815-274-5446.

(2) 1050 Badger chopper wagons, 16', \$4200/each. 419-953-0449. Minster, OH.

(2) J&M 250 bu. gravity wagons, stored inside. 937-585-6800. De-Graff, OH.

(2) Millier Pro 18' silage wagons, (1) 5200, (1) 5300. 765-238-2861 Losantville, IN.

2002 Kinze 840 grain cart, 3 yrs. on all new augers, gd. tarp, holds 950 bu., kept inside, looks & runs like new, \$20,000. 317-431-4720 Franklin, IN.

325 bu. hopper bed wagon, red in color, ext. hitch, \$2800. 937-533-0191. Eldorado, OH.

BEST PRICES in Tri State on new J&M, Killbros and Mayrath wagons, grain carts and augers. Also Maurer & J&M combine bin extensions. Delivery avail. anywhere. Call for best deal. 877-846-5381 days, 419-303-6881 eves. Delphos, OH.

J&M 450bu. centerdump wagon on Killbros 1280 running gear, \$1100. 419-586-2524. Celina,

J&M 750-18 grain cart, tarp & canvas, very nice. 517-741-7312. Sherwood, MI.

J&M HT874 35' head cart, trails exc., sharp, \$4500. 812-350-0969 Hartsville, IN.

JD 400 grain cart, roll tarp, gd. augers, kept inside, small 1000 PTO, looks great. 269-363-0804 Bridgman, Ml.

Parker 400 bushel auger wagon, \$3950, very little use, everything works. 317-809-2382 Shoals, IN.

Parker 450 grain cart, tarp, LED lights, 28Lx26 12 ply, 1000 PTO, \$5000. 765-744-8503 Yorktown,

Unverferth 325 gravity wagon, Unverferth G13 gear, new roll tarp, new Unverferth hyd. seed auger, \$8000. 567-674-4114.

510 TILLAGE (PLOWS, DISCS, ETC)

(2) JD 2350-2450 plows, 7x18 on land, \$700; 6x16, \$600. Need tires, hoses & some coulters. No delivery. 260-849-1386 Geneva,

(37) JD rotary hoe wheels, 75%, \$25/each. 574-727-0107. Koko-

(4) plus (1) bottom plow, White 508, \$500. 419-231-1658. Ottawa, OH.

6' IH disc, 3pt. heavy duty knotts blades, adj. gangs w/crank, \$950 OBO. 765-478-3756. Cambridge

DISCS: 24' IH 490, \$4500; 9' AC wheel disc w/platform & seat, \$650; 21' MF #820, hyd. fold disc, \$3500 w/harrow. 419-495-2635 Van Wert, OH.

510 TILLAGE (PLOWS, DISCS, ETC.)

Int. 6650, 9 shank chisel plow, walking tandem, 5 bar harrow, great shape, \$9000 obo. 765-652-0123 Kokomo, IN.

JD 714 (13) shank chisel plow, good iron. 517-741-7312. Sherwood, MI.

Krause 2860 9 shank disc chisel, \$3500. 419-233-0137. No answer leave message. Convoy, OH.

Krause TL3000 5 shank disc ripper, hyd. adj. front & rear gangs, newer points, newer front discs, stored inside, exc. cond. 765-432-3246 Sharpsville, IN.

Landoll Weatherproofer 2, 10 shank disc ripper, very good cond., \$12,900. 567-674-4114.

Maschio C300 10' 1000 PTO Rotovator, exc. cond. 765-628-3381 Kokomo, IN.

Sunflower 5332, 31' field cult., 5 bar harrow, walking beams, \$4800, 567-674-4114.

Unverferth 225 rolling harrow, 33' baskets, 60%, new wheel bearings, \$9000. 567-674-4114.

520 PLANTERS-DRILLS

107C Haybuster no-till drill, all new disc openers, ready for field, seed boxes, \$7200 obo. 270-945-5190 Brandenburg, KY.

1996 JD 750 15' drill, gd. blades & boots, kept inside, nice shape, \$11,250. 989-213-7156 Freeland, Ml.

JD 7000 6 row corn planter, liquid fert., \$5000. 812-276-3123. Williams, IN.

JD 8300 grain drill, 7.5", 21 rows. 765-969-1627. Glenwood,

Kinze 2004 3600, 16-32, seed firmers, 2nd season, seed disc & no till coulters, KPM2 monitor, field ready, \$38,500. 260-251-9197.



Gandy 6216 seeder, refurbished and field ready. Price includes drive wheel and diverters. Other models and financing available. Starting at \$2.900 Call Paul at (763) 286-2037 (520-

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530 HAY EOUIPMENT

5070 NH wire baler, exc. cond., been thru shop. 937-402-0418 Leesburg, OH.

Balers. NH 780, net wrap; NH 688, net & twine; NH BR70, 90, net & twine, \$9500 ea.; Vermeer 704 Super I, very nice, \$8500. 812-236-0454 Clay City, IN.

Complete new in crate chopper spout for Klaas 840. 812-593-1206 Greensburg, IN.

EHE spinner hay tedder, brand new, All American made, all parts interchangeable. Delivery avail. in Indiana, For info, & brochure call Kings Repair 765-597-2015 Marshall, IN.

Fiberglass hay wagon beds. 812-257-9700.

Gehl 127S sileage chopper, newer fibertech rolls, 3 row cornhead & hayhead, working order, \$7500. 419-752-2171. Greenwich, OH.

H&S 26L-302 hay tedder, \$1500, exc. shape; 2004 Hesston 1320 haybine, nice cond., \$9000. 812-276-3123. Williams, Hay baler knotters repaired on your farm. All makes & models. New & used baler parts in stock; also repairs on NH rakes & mowers. NH rakes for sale. Kings Repair 765-597-2015 Marshall, IN.

Klaas 900 Krone bigX 800, heads avail., Miller Pro high dump wagons, Meyer rear unload wag-859-608-9745. www.redbarnandassociates.com

New Bush Hog XLRR-1 10 wheel hay rake w/kicker, list price \$10,350, sale price \$7250. 765-825-1439 Connersville, IN.

NH 256 hay rake, field ready, \$1500 obo. 765-564-3135 Delphi, IN. NH 260 right hand rake, like new,

\$5000; 336 JD hay baler, \$3800. 606-247-4788 8-8:30 a.m. EST. Sharpsburg, KY. NH 790 chopper; NH 27 blower;

(2) Meyers storage wagons; Van Dale silo unloader; all equip. exc. cond. 937-726-2914.

NH BC5050 sq. baler, 400 bales, like new, \$19,000; Ficklin gravity wagon w/Kewanee 8T gear, \$1600. 606-247-4788 8-8:30 a.m. EST. Sharpsburg, KY.

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MiFarmLink aims to keep farmland in farming

By Kevin Walker Michigan Correspondent

OTTAWA COUNTY, Mich. MiFarmLink, a new project based on Michigan's southwest side, is looking to try and keep farmland in the farming business and out of development.

The project launched its web site in May of this year with a \$44,885 grant from the USDA. Its goals are several, but central to its mission is to help farmers do succession planning so that the land can continue to be farmed by new and beginning farmers. Part of its mission is to serve as an information hub for farmers as well as a network to help farmers communicate with each other.

It also wants to be a listing service to help connect buyers and sellers of farmland. Although it is a listing service, it doesn't want to be just that, said Becky Huttenga, an Ottawa County resident who heads up the new project.

"One of the goals of the project is to connect buyers and sellers of farmland, thus the Landlink web site," Huttenga said. "The folks that are going to list there are people who want the land to remain farmland."

She also wants to help farmers find lawyers who have an expertise with succession planning and connect farmers with various resources. Huttenga grew up on a small farm in Ottawa County and has lived in the area her whole life. She said farming is "in my blood."

This new project - MiFarmLink grew out of a worry that the county

was losing too much farmland. According to a survey done by the Ottawa County Planning Department in 2019, the county lost 8 percent of its farmed acreage and 17 percent of its farms between 2012 and 2017. Ottawa County farmers produce more than \$506 million in products each year, according to the 2017 Census of Agriculture. The county is fast growing and has a low unemployment rate. Fast growth can come at a cost of unplanned development, Huttenga said. The department used results of the survey to write its Focus on Agriculture plan to help the area devise a way to grow without losing too many farms.

Ottawa County's farmland preservation program seeks to protect this vital industry, however, not all localities have the funds to have a robust program. According to Huttenga, within the past couple years the state's farmland preservation office got a substantial infusion of money, the first such infusion since 2009. "Most local purchase of development rights (PDR) programs do not have enough money to fully finance PDRs." she said. She pointed to Washtenaw County in southeastern lower Michigan as one example of a program with robust funding. The county has "a lot of different funding sources," she said. In some instances, the county is able to fully fund an easement, without the seller having to donate any of the value of the farmland.

But Huttenga said the best way for farmland to stay farmland is for the (MIFarmLink continued on page 27)





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Above: It was ready, set, go! Kids of all ages took part in the stick-horse race. A good time was had by all.

Butler County Fair hosts Barnyard Rodeo Fun Day

By Celeste Baumgartner Ohio Correspondent

HAMILTON, Ohio – A lot of laughter, running, bouncing and tossing was happening on the last Friday of the Butler County Fair. It was Barnyard Rodeo Fun Day put on, for the first time ever, by the junior fair board. And Shelby McCoy, who had already shown her rabbit at the fair, was having a good time.

"We're doing some fun activities – we have stick horse races, three-legged races, pin a tail on a horse or a goat or a pig, and a bean bag race," McCoy said. "It's been fun even though I haven't won anything yet."

The animal shows were over by Friday It was a quiet day with not a lot going on. In the past, farm bureau had hosted a fun day, but with COVID restrictions in place earlier in the year, they were ready for someone else to take over. When the fair was still in the planning stages, the junior fair board decided they would do that.

"We had a little bit of everything," said Ryland Beckner, junior fair board vice president. "It was an event to get kids ages 5 to 19 out and having fun and being active. It was open to the general public. It's the junior fair board's first year to do this event so we were hoping for a good turnout. There were going to be plenty of prizes."

They wanted to bring together some of the people who don't always get to participate in the fair by showing animals, said junior fair board member Olivia Demoret.

"We wanted them to have some fun

while they were here," Dermot said. "Anybody and everybody who was here. We had like 130 kids take part. We plan on continuing this."

Local businesses donated prizes, said Allie Parmin, another junior fair board member. As the kids played games, the workers gave them a ticket with a chance to win a prize.

"It was a better turnout than we hoped it would be," Parmin said. "It was great and the junior fair board had fun working together. I know I have made some new friends myself and I was able to hang out with my friends I already have."

Added Dermot: "We worked hard to get this as big as it is and I don't think any of us imagined it would get this successful."

Junior fair board members and participants all considered the day a success. The games worked out as the junior fair board had planned, Beckner said.

"Overall, it pretty much ended up being how we wanted it to be," Beckner said. "We made it work. It was a great event to have; we had fun planning it and doing it. It was awesome to see this start out as an idea, and then it's like, maybe we could do it, maybe we couldn't, and then just like that, we were doing it. All of a sudden it's the day of the event and you proceed with it and it goes pretty. It was pretty fun."

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Cousins start Indiana hops farm

FLOYDS KNOBS, Ind. (AP) — Cousins Tim Byrne and Kory Byrne don't have a background in farming, but when they decided to try growing hops, a flowering plant used in beer, it became an adventure that expanded beyond just a hobby.

About four years ago, the cousins started Knob View Hops at a farm in Floyds Knobs. As they have grown this non-traditional crop that isn't commonly found in the area, they have continued to learn along the way.

Their hops are regularly featured in beers at Our Lady of Perpetual Hops, a craft brewery in New Albany. About 590 plants are growing on the farm, including three varieties of hops.

The two cousins both have day jobs in addition to working their farm — Tim works in the equine industry as a farrier, and Kory works at Koetter Woodworking.

Five years ago, Tim bought the farm in Floyds Knobs, and Kory soon bought a nearby property. Tim said he has a green thumb, and he always has been interested in plants and gardening. He was inspired when he found hops listed in a Burgess Seed catalog.

Hops are cone-shaped flowers from

FLOYDS KNOBS, Ind. (AP) — the Humulus lupulus plant that add Cousins Tim Byrne and Kory Byrne aroma and flavors to beers, including don't have a background in farming, styles such as IPAs.

Tim said they have a saying on their farm: "if it's worth doing, it's worth overdoing." So they dove in headfirst into their new venture.

"It's been one of the most rewarding and fun adventures of our lives," he said. "It's taken us all over the place from buying our plants to buying this crazy harvesting machine that we didn't know we needed at the time."

They bought the plants in Michigan, and they bought the harvesting machine from Corning, N.Y., which is used to separate the hops from the vine.

"You have such a short window of when the crop is ready to come off. When the varietal is ready, you have about five days, and when it's go time, it doesn't matter what's going on in your life, you have to pick, because the product will go backwards really quickly."

They had to learn how to dry the hops and other intricacies of harvesting and preparing the hops that they didn't realize were so "vitally important."

MMFarmlink

FROM PAGE 25

farming business to be a good line of work, for people to get in it and stay in it. In her words, "the best way to protect farmland is to make it a viable profession that people can eventually retire from. That way people won't have to do easements." One of the recommendations from the Focus on Agriculture plan is that farmers diversify their revenue sources, for

example, by using marginal land for solar arrays, adding wind turbines, transitioning some areas to high margin specialty crops, and using the "shared economy" to generate income through renting or sharing equipment.

A copy of the Focus on Agriculture plan is available as a free download at the Ottawa County Planning Department web page, https://www.miottawa.org/Departments/Planning/farmland.htm. To learn more about the MiFarmLink project, visit https://www.mifarmlink.org/.



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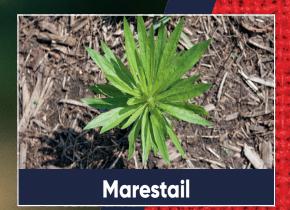
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SECTION B

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Thursday, August 26, 2021

It takes dedicated volunteers to keep a state fair running

By Tim Alexander Illinois Correspondent

SPRINGFIELD, Ill. — A good volunteer is often hard to find, but not even an extended global pandemic was enough to shut down a determined volunteer corps of hundreds of Illinois residents — many of them hailing from farm country — who helped make the 2021 Illinois State Fair a success.

These volunteers, who helped staff popular daily attractions including the Illinois Specialty Growers Association (ISGA) food tent and the Illinois Pork Producers Association (IPPA) "Piglets on Parade" birthing center, embodied the "One Illinois" theme assigned to the 2021 state fairs in both Springfield (Aug. 12-22) and DuQuoin (Aug. 27-Sept. 6), according to ISF volunteer coordinator Pam Gray.

"Some of the volunteers come back



Above: Kathie and Jim Pound of Savoy, Illinois, examine a newborn piglet held by IPPA marketing director Casey Thiems during the 2021 ISF.

year after year, and they sign up early. We get married couples, seniors, and others, and they know their way around the fairgrounds," said Gray, who just put the wraps on her 27th year as a Springfield ISF volunteer. She added

(State Fair continued on page 2B)



Above: Taryn Chesnek, Grace Clark, Angela Walters, Cindy Stoll and Debbie Stopa are all Illinois Farm Bureau county managers or staffers who volunteered at the ISGA food booth during the 2021 ISF.



State Fair

FROM PAGE 1B

that before she began volunteering, the fair board hired workers to perform many of the tasks now performed by volunteers.

"Many of our volunteers today work in the information booths around the fairgrounds. We also have volunteers who drive the horse jockeys back and forth from their paddocks to the barns, and those who work in the ISF museum. We have greeters at a couple of the walk-in gates with information to help guests maneuver the 366-acre fairgrounds. We try to make it a very fun experience for fairgoers," said Gray, who maintains a database of around 100 fair volunteers and is looking to add more.

The longtime volunteer added that she takes special enjoyment from guiding couples with young children to fun and enriching areas for youth to play and learn, while providing tips on things such as how to cut expenses by using fair coupons or which buildings are equipped with air conditioning.

At the ISGA food booth inside the Illinois Department of Agriculture tent, Illinois Farm Bureau (IFB) associate director of food systems development Raghela Scavuzzo coordinated approximately 120 volunteer shifts during the fair's 10-day run. For the first time, the specialty growers utilized an online volunteer sign-up page to recruit workers for their tent, which offered Illinois-centric favorites such as apple cider slushies, watermelon slices



Above: Volunteer Brooklyn Wurm of Lincolnland College shows off a piglet born during the Illinois State Fair at the IPPA Piglets on Parade Birthing Center.

and buttery ears of sweet corn.

"It really helped us to have people go online and sign up. We have people working as cashiers, we have food runners, and we have stockers. We need help moving stuff; some of our watermelons weigh over 25 pounds," said Scavuzzo, who draws on the Illinois Farm Bureau's vast membership and colleague base when seeking fair tent volunteers.

"Even our president, Randy Graham, is volunteering with Curtis Orchard. We pull from our membership and database of over 3,000 subscribers to our email bulletins," Scavuzzo said, as ISGA tent volunteers Taryn Chesnek, Grace Clark, Angela Walters, Cindy Stoll and Debbie Stopa assisted Graham in delivering food and drink to fairgoers.

The five farm bureau colleagues offered similar reasons for volunteering at the tent, saying they were on hand to help the farmers and enjoy the fair festivities and attractions. "As the new DeWitt County Farm Bureau manager, I wanted to come here and help out at this event and have fun," said Clark.

"One of our farm bureau programs is 'IFB Gives Back' and I wanted to give back to the fair this year and to the Illinois specialty growers," added Walters. "And I love the apple cider slushies."

The IPPA brought dozens of volunteers to the fairgrounds but likely could have used more. On Agriculture Day, August 17, IPPA executive director Jennifer Tirey could be found running a cash register at the organization's popular Pork Patio on Grandstand Avenue.

"It takes around 250 to 300 volunteers just to get the Pork Patio and the (Piglets on Parade) Birthing Center up and running," said Tirey. "We have organizations from across the state including FFA, 4-H groups, Troops, local county pig farmer groups that bring in volunteers, and we could not do it without those partners."

IPPA asks volunteers to volunteer for one of two shifts, for one or multiple days, at either of their attractions in return for free fair admission, an IPPA volunteer shirt and a meal at the Pork Patio. Donations are also made to school organizations in exchange for sponsored youth groups who volunteer.

At the birthing center, IPPA communications director shared a list of FAQs from visitors with youth volunteers Brooklyn Wurm of Decatur, Ind., and Makenzie Hereth of Woodbine, Md. Both were preparing to volunteer for the IPPA through their involvement in the livestock judging program at nearby Lincolnland Community College.

"Our coach asked us to volunteer, and we both raised pigs growing up, so we have a lot of knowledge of the pork industry," said Hereth.

"I've raised hogs farrow to finish and shown them. It's a great experience, I love the industry and the people in it are just amazing," Wurm added.

At the end of Agriculture Day, lead fair volunteer coordinator Gray summed up the common character trait shared by most fair volunteers:

"Volunteers are givers. They are not the ones who ask what is in it for them, they are the ones asking how they can help others. I'm always honored to know these volunteers because they all have that same mindset as givers," she said. "After not having a fair in 2020 due to the pandemic, I honestly thought we would have trouble filling these volunteer spots. But we had more volunteers this year, so I am thrilled."



Above: Illinois Specialty Growers Assoc. Chairman Randy Graham adds apple cider to the slushie machine at the ISGA food tent. Graham was one of hundreds of farmer-leaders to volunteer at the III. State Fair.



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My problems with definition of who is 'essential worker'

I had a problem with all this 'essential' versus 'non-essential' worker stuff but maybe it was because I was considered a non-essential worker, which is quite a blow to one's ego. I had no problem with doctors, nurses, firefighters, policemen and ag workers being considered 'essential', It's THE PITTS after all, we have to eat.

By Lee Pitts But in my home state LAWYERS were considered essential workers. In fact, in the 42 states that issued stay-at-home orders, lawyers were considered 'essential' in 12 of them. I was horrified to hear that at a County Supervisor meeting when it was requested that all essential workers and front-line responders stand up and be recognized our local attorney stood up to a round of applause. On the other hand, I can see his point because after any car collision or 'slip-and-slide' in the grocery store, the local ambulance chasing lawyer responds first even before the paramedics.

Lawyers are the kid everyone makes fun of on the playground. Despite the many good things they

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do they can't get any respect. In Abraham Lincoln's time, lawyers were so abused and poorly paid they often shared a room with the opposing lawyer in a case even going so far as to sleep in the same bed. This is where the saying "sleeping with the enemy" came from. And according to the great writer, J. Frank Dobie, Stephen F. Austin hoped to exclude lawyers from his

colonies in Texas in an attempt to build a utopian society.

I must admit that every personal experience with lawyers that I've had in my life was a good one. The first was with a local attorney who we paid to draw up our wills (dead giveaways), power of attorneys and Do Not Resuscitate Orders. We knew the attorney through his participation in every community event including the annual Chamber of Commerce auction which I auctioneered. The community was shocked when he committed suicide after being caught stealing money from seniors who had entrusted him with their estates. He was buried 12 feet deep instead of the usual eight because deep down he was a good guy.

The second time we needed a lawyer was when we sold our house and moved to New Mexico. We saw the moving van off with all our possessions and went by the title and escrow company to pick up our check on our way out of town. We were shocked to discover that the doors had been chained with a big padlock. When we called our realtor he informed us that the owner of the chain of title companies had absconded with \$42 million in clients money, including ours. The realtor said not to worry that everything would get straightened out, we should let the new owners move into our home and we'd get our check in the mail the following week.

We waited and waited and I told a friend that if we ended up going to court that I'd save money by being my own attorney. My friend said

that, "I had a "fool for a client." When the new 'owners' decided they weren't going to pay the monthly mortgage payment, property tax or insurance and planned on living in OUR house rent free until the case was settled, we got a great lawyer who demanded a \$2,500 retainer to engage the services of Dewey Cheatum' and Howe. Two years later we finally got our day in court and the judge gave a preliminary judgment that if he were issuing a final decision that all of us packed into the courtroom would get our real estate back. That sent all the lawyers into a great big huddle and after paying \$8,000 in legal fees we finally got our house back and in so doing bought back something we already owned. A couple years later the whole affair turned out great because we sold the house for twice what we did the first time. And lest you feel sorry for the 'buyers', they eventually got their money back.

We were glad a few years later to hear that our sharp lawyer was made a judge. I later saw him at a charity auction I was working and congratulated him. He replied, "Lee, do you know what you call a lawyer with an IQ over 50?"

"Your honor." wwwLeePittsbooks.com



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Survey will help identify paths to agriculture jobs in Illinois

By Tim Alexander **Illinois Correspondent**

BLOOMINGTON, Ill. — The COVID-19 pandemic intensified the shortage of qualified workers up and down the agricultural food chain. A new survey in Illinois is intended to elevate awareness of educational pathways to food and farm employment opportunities.

According to Tyler Strom, managing director for the Illinois Agri-Food Alliance (ILAFA), Illinois is a world-class destination for all types of agri-food businesses and organizations. Taking a collaborative approach to assess and act on critical workforce needs now will ensure a skilled and diverse workforce pipeline for the future, he added.

"What we are doing with the survey is asking agri-food businesses to describe their workforce needs, what they are hiring for, and what they expect to be hiring for. We are also concentrating on K-12 educators in the state, asking if and what they are teaching about food and agriculture as a career-worthy industry, and what types of resources they might need to better accomplish that."

Input received from the survey will influence the development of a dedicated, Illinois-centric agri-food careers website. The website will showcase agri-food career pathways, including educational options and vocational programs, currently available internships and apprenticeships, and job mentoring opportunities. Scholarship and grant

location to really elevate awareness about food and ag employment from an industry perspective and shine a light on career opportunities," said Strom. "Information from the survey will help inform what that website will ultimately look like and the resources it will provide."

The survey is targeted, in part, toward youth, particularly those in 7th, 8th, 10th and 11th grades. "We want to better understand how we can relate food and agriculture as an exciting sector for them to be considering. Input from the survey can help us understand how companies, businesses and organizations are already engaging with youth, what they might be interested in doing career-wise, whether they would be interested in having company representatives come to their classrooms to talk with them about their companies, and more," Strom said.

"With our ag educator survey, we want to better understand the needs of teachers in our state when it comes to talking about food and ag as a viable industry with a wide variety of career opportunities available. We want to know what kinds of resources can help them accelerate that type of awareness with their students."

ILAFA was formed in 2014 to hone in on key areas of interest including business development and entrepreneurship, infrastructure, resource management, branding and marketing, workforce development and education. ILAFA's mission is to develop high-level strategies to maintain Illinois' strong agri-food profile in accordance with their collaborative FARM ILLINOIS "roadmap." Bringing cross-sector stakeholders together to share strategies, ideas and needs is a top priority of the

"We have to continue working together to showcase the opportunities that exist within our industry if we hope to attract bright, young talent that will push the future of Illinois agriculture forward," said Richard Guebert, president of the Illinois Farm Bureau, which is a member of the ILAFA. In addition to the farm bureau, ILAFA supporters and collaborators include COUNTRY Financial, GROWMARK, the University of Illinois and Illinois Soybean Association, among others.

The workforce survey can be found at https://bit.ly/ILAFAWorkforceSurvev. Additional information on the survey can be found at www.ilagrifood.org/ careerssurvey. Survey responses are due by Sept. 10.









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Value of red meat exports setting records; helping crop prices

By Doug Schmitz lowa Correspondent

The value of U.S. red meat exports was still the highest on record for the month of June, and first-half shipments established a record pace for both beef and pork exports, according to data released by the USDA, and compiled by the U.S. Meat Export Federation.

"The (federation) had expected a continued strong performance in June for both beef and pork exports, despite significant headwinds," said Dan Halstrom, federation president and CEO. "2021 has presented many formidable challenges for the U.S. industry, including a very tight labor situation, logistical obstacles that slowed product movement, and foodservice restrictions in many key markets.

"So, the fact that first-half exports reached record levels speaks to the loyalty of our international customer base, strong consumer demand for high-quality, nutritious U.S. red meat, and the U.S. industry's ability to adapt to a challenging and rapidly changing business climate," he added. "We have also seen a welcome rebound in beef and pork variety meat volumes, which had been down last year."

The report said June beef exports totaled 112,249 metric tons, up 42 percent from a year ago when exports were still hampered by a COVID-19-related slowdown in production. Export value was \$804.4 million, up 68 percent from a year ago and the third highest on record after April and May of this year.

First-half exports reached 700,087 metric tons, up 18 percent from a year ago, valued at \$4.64 billion (up 28 percent). Compared to 2018, the record year for U.S. beef exports, first-half results were up 6 percent in volume, and 15 percent in value.

The report added pork exports reached 238,935 metric tons in June, up 15 percent from a year ago, while export value climbed 35 percent to \$696.8 million. First-half pork exports topped last year's record pace by 1 percent at 1.58 million metric tons, valued at \$4.33 billion (up 7 percent).

Beef export value equated to \$351.18 per head of fed slaughter in June, up 60 percent from last June's COVID-19-impacted average, the report said. The first half per-head average was \$359.49, up 20 percent from a year ago. June exports accounted for 13.6 percent of total beef production, and 11.5 percent of muscle cuts, both much higher than a year ago.

The report said Japan was the leading destination for June beef exports in both volume (24,864 metric tons, up 20 percent from a year ago) and value (up 28 percent). This pushed first-half exports slightly ahead of last year's pace at 156,287 metric tons (up 1 percent), while value increased 6 percent to \$1.05 billion.

Moreover, beef exports to South Korea reached 20,419 metric tons in June, up 36 percent from a year ago, valued at \$169.4 million (up 55 percent). Exports to Korea established a fast pace in the first half, climbing 22 percent from a year ago to 142,300 mt, and Korea was the leading value destination for U.S. beef at \$1.08 billion (up 31 percent).

The report said strong momentum continued for U.S. beef in China, with June exports holding close to the May total at 16,238 metric tons. Capitalizing on improved market access that took effect in March 2020 under the Phase One Economic and Trade Agreement, first-half beef exports to China increased more than

1,000 percent from a year ago in both volume (81,001 metric tons) and value (\$622.5 million).

Mexico emerged as the top market for total exports of U.S. pork muscle cuts in June at 70,582 metric tons, up 45 percent from a year ago, while export value more than doubled to \$149.4 million (up 112 percent), the report said.

Led by a near-doubling of exports to El Salvador and strong growth in mainstay markets Honduras and Guatemala, first-half pork exports to Central America topped last year's record pace by 50 percent at 67,795 metric tons, with value up 57 percent to \$176.6 million, the report said.

Exports were also sharply higher to Costa Rica and posted year-over-year increases in Panama and Nicaragua, the report said.

According to a recent independent study conducted by World Perspectives, Inc. in Arlington, Va., and released by the U.S. Meat Export Federation, U.S. beef and pork exports contributed 41 cents per bushel to the value of corn, and \$1.06 per bushel to soybeans in 2020.

The study said U.S. pork exports used 2.45 million tons of soybean meal, which is the equivalent of 103.2 million bushels of soybeans. At an average annual price of \$8.98 per bushel, pork exports accounted for \$927 million in market value to the soybean industry.

In addition, beef and pork exports used 530.5 million bushels of corn. At an average annual price of \$3.52 per bushel, beef and pork exports accounted for \$1.87 billion in market value to the corn industry, the report

Moreover, beef and pork exports also used 3.03 million tons of distiller's dried grains with solubles (DDGS) at an annual average price of \$154.59 per ton, generating \$468 million in market value for ethanol mills' co-products.

In 2020, with total production of 14.18 billion bushels, the value of red meat exports to the U.S. corn crop was \$5.8 billion, meaning corn growers would have lost \$5.8 billion in value if there were no beef and pork exports, the study said.

The study also said in 2020, pork exports contributed \$1.06 per bushel, or 12 percent of the average annual price of \$8.98 per bushel.

With total production of 4.14 billion bushels, the value of pork exports was \$4.4 billion to the U.S. soybean crop, meaning soybean producers would have lost \$4.4 billion in value if there were no pork exports, the study added.

"The USMEF's efforts to promote U.S. red meat in international markets have paid off for producers, whether they raise livestock or grow corn and soybeans - or they do both," said Mark Legan, a Coatesville, Ind., hog producer.

"The study adds numbers to the story - a story those of us in this business have been telling for a long time - that global trade is vital to all of us involved in U.S. agriculture," he

Dean Meyer, a Rock Rapids, Iowa, farmer who produces corn, soybeans, cattle and hogs, said, "As the study indicates, my farm gains from red meat exports in the price of every acre of crops that we grow. Red meat exports are vital to my family's operation.

"Something else this study points to is how different sectors of U.S. agriculture can work together to benefit the industry as a whole," he said, adding, "There is great potential for U.S. agriculture on the world WESTVILLE, IN

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Wagner Auction Center 1174 N 675 W, Farmland, IN

PROPERTY INFORMATION

Tract #1 - 116.8 Acres +/- with 95.53 +/- Tillable

Tract #2 - 70.224 Acres +/- with 55.84 +/- Tillable

Tract #3 - 38 Acres +/- with 29.78 +/- Tillable **Tract #4 -** 3.2 Acres +/- with Improvements

SALE MANAGER Jerrett Flesher AU11600036 (765)-716-8418

wagnerauctioneering.com wagnerauctioneering@yahoo.c

Andrew Wagner AU10200074 Excellent soil types with over 50% Pewamo on each Tract!! 765) 748-4509

Winifred Darling Estate

Owners:



228.224 +/- Acres Total 181.15 +/- Acres Tillable

Cunited Country
Real Estate Wagner

Auctioneering

BRUMBAUGH AUCTION WEDNESDAY, SEPTEMBER 1 - 10 AM

1727 E. OVERMAN RD., FOUNTAIN CITY, IN (WAYNE CO.)







TRACTORS

CASE/IH JX90 Tractor MFWD, with LX132 Loader, CAH 5 ft. Bucket, Pallet Forks, 16.9x30 Tires; ONLY 1,640 hrs.

INTERNATIONAL 1466 Tractor, Cab, 18.4x38 Tires, Duals, Ft WTGS; Showing

- INTERNATIONAL 674 Tractor, Utility, Wide Front End, Tires 16.9x30, Open Tractor, One Remote, diesel, super clean, newer tires. **FARM EQUIPMENT & WAGONS**

IH 1420 Combine; IH 1020 Platform 15 ft.; IH 843 Corn Head, 4-row; JD 7000 Planter, 4-row, Liquid, No-Till, Monitor, INSC; NH Rake Model

ger, Swing Away; 18ft. Disc, Dual Axle, Hyd. Wings, Harrow (old); NH 185 Manure Spreader, Double Beater, Dual Axle (good); Killbros Wagon, 225 Bu./each (2); 150 Bu.Wagon; Small Wagon; Overhead Tanks; 6-Shank Disc. Chisel; 1,000 gallon LP tank.

TRUCKS & TRAILER IH Loadstar Grain Truck, Gas, Steel Bed, 300

bu.; Toolbox; Miley 6 ft. Livestock Trailer; 1995 Dodge Ram pick-up, gas.

MOWERS & TOOLS

Dixon Zero Turn Mower w/50" cut; Rotary Mower, 3pt.; Misc. Farm Tools; Feeders; Upright air compressor and MORE!

56; NH 9 ft. Haybine 493; 8'x61' Mayrath Au-Online Bidding Available at www.waltherandhawkins.hibid.com **OWNER: PHILLIP D. BRUMBAUGH ESTATE**

www.WaltherandHawkins.com 765-855-0835 **Walther & Hawkins Auctioneers** LARGE TRACT OF PRODUCTIVE FARMLAND

ONLINE at halderman.com September 29th, 8:00 am - 6:30 pm ET

Tract 1: 40+/- Total Acres 39.7+/- Tillable | 0.3+/- Non-Tillable • +/- total

Tract 2: 171.3+/- Total Acres

152.9+/- Tillable | 16+/- CRP* | 2.4+/- Non-Tillable

*CRP Payments 2.03 Acres at \$450.13/acre | 14 Acres at \$525.23/acre

HALDERMAN | 800.424.2324

800.424.2324
halderman.com

Auctioneer: Russell D. Harmeyer IN Auct. Lic. #AC69200019.
Owner: Barbara Lawson Estate HLS#JRB-12668

WHITE CO | CASS TWP

PROPERTY

At the intersection of

SR 16 and CR 1000 E in Monticello, IN

JOHN BECHMAN

765.404.0396

AJ JORDAN:

317.697.3086

765.473.5849

LAWRENCE CO

SPICE VALLEY TWP

OPEN HOUSE

Thursday, September 2

1:00 - 3:00 pm EST

LARRY JORDAN

Heavy Deer & Turkey Population | Cropland for Income | Pole Shed

September 15th, 6:30 pm EST

Lawrence Co. 4-H Fairgrounds Community Center 11265 US Hwy 50, Bedford, IN

PROPERTY LOCATION: 6 miles Southwest of Bedford and 4 miles East of Williams, IN

TRACT 1: 150+/- Acres includes: 40' x 80' Pole Barn open to the south with a feed manger inside

TRACT 2: 80.22+/- Acres

TRACT 3: 37+/- Acres (Potential Homesite)

Auctioneer: Russell D. Harmeyer IN Auct. Lic. #AU10000277, HRES IN Auct. Lic. #AC69200019, OWNER: Ballard Trust, HLS# TML-12666

Todd Litten: 812.327.2466



EASTERN INDIANA LAND AUCTION

TUE, SEPTEMBER 14 • 6PM | FAYETTE COUNTY, IN



Offered in 4 Tracts

• 34.45± FSA Crop Acres Combined w/ Pasture & Woods • 2022 Crop Rights to the Buyer · Farmstead w/ 2 BR Home & Older Barns · 5 Mi. NE of Connersville, IN • Abundant Wildlife, Extensive Whitetail Pressure • Fenced Pasture w/ a Good Creek · Potential Building Site w/ Open Land & Woods

> AUCTION SITE: John H. Miller Community Center • 2900 Park Rd Connersville, IN 47331 PROPERTY LOCATION: 809 N CR 500 E, Brownsville, IN 47325

TRACT 1: 18± ACRES w/ 7± tillable acres & the balance in woods & thicket. This is a nice combination tract that could be an awesome building site! Features nice open land along the road w/ mature trees & an elevation change at the back of the tract. TRACT 2: 37.5± ACRES w/ a diverse usage. This is a nice mix of tillable & pastureland w/ a stream. Consider combining this w/ tracts 1 or 3. TRACT 3: 5.5± ACRE FARMSTEAD w/a single story 2 BR, 1 BA home w/100 amp service & fuel oil furnace. Make this your place in the country. TRACT 4: 17± ACRES SWING TRACT. This tract has 12.23± FSA Tillable acres w/ the balance in woods. Must be on bid in combination w/ Tract 1 or 2 or by an adjoining landowner.

INSPECTION DATES: 8/24 & 8/31 · 6-7pm or by appointment

OWNER: Estate of Eileen L. Irrgang, Ray B. Irrgang Personal Representative SALE MANAGER: Andy Walther • 765.969.0401 Email: andy@schraderauction.com

800.451.2709 · www.SchraderAuction.com SCHRADER #AC63001504, #AU19400167

PUBLIC AUCTION SATURDAY, AUGUST 28 @ 9:30 AM

LOCATION: 5425 S CO. RD. 700 E GREENSBURG, IN 47240

TRACTORS: JD 8960 w/5788 hrs., 24 sp.; JD 8630 w/12' front blade, 11k hrs., 3pt., 1000 pto, 3 svc outlets; JD 8430 w/7355 hrs., 1000 pto, 3 svc outlets; JD 8640 w/8158 hrs., 3pt., 1000 pto, 3 svc outlets; JD 8630 w/10k hrs., 3pt., 1000 pto, 3 svc outlets; JD 3010D w/7246 hrs., NF, 3pt., 1 svc outlet, pto; JD 4020D w/3709 hrs., NF, 1 svc outlet, pto; JD 8630 w/9091 hrs., 3pt., 1000 pto, 3 svc outlets; JD 4640 w/6995 hrs., 3pt., 3 svc outlets, 1000 pto; IH 856 w/5348 hrs., 3pt., TA, 2 svc outlets, 540 & 1000 pto; IH 350 w/3991 hrs.; 6 JD & IH quick attaches; suitcase & wheel weights; COMBINES: JD 9750 STS w/3406/2202 hrs., 4x4, single point hook up, bin ext., chopper; JD 9600 w/4305/3102 hrs., 4x4, spreader; JD 8820 Hydro w/5080 hrs., 4x4; **HEADS:** JD 893; JD 843; JD 444; 2 JD 930, 30' platforms; JD

630F, 30' platform (needs auger); E-Z Trail 672 head hauler; **EQUIPMENT:** Willmar 500 fert. spreader; Glencoe 10-shank disc chisel w/drag; Pequea 710 tedder; Kinze 800 grain cart; 3 DMI 425bu. Big Little center dump wagons; New Holland 273 baler; JD 400 rotary hoe, end transport; JD 7000 8R 30" planter w/liquid fert., Yetter row cleaners; DMI Ecolo-Tiger 730B 7 shank w/mid rippers, 5-bar leveling drag; Landoll 876-30; JD 235 25' disc; JD 230 24' disc; 3 JD 360 swing discs; CAT D7 dozer; JD 844 Loader w/7936 hrs.; 16- & 18-knife NH3 tool bars (one on JD 7000 frame w/Raven super cooler); Grove AMZ 50 w/2291 hrs. & 70' man lifts: Bobcat 642B w/8458 hrs., gas; Terra-Gator 1253 fert. spreader; 2 hay wagons; many other items; numerous shop tools & equipment.

TERMS: Cash/Check **Lunch Served** **Not Responsible for Accidents**

DANIEL WILSON ESTATE-SARAJANE WILSON BECKY BOHMAN-PH. 812-593-553

OWENS AUCTION SERVICE, INC. - Ph. 812-528-7021

Brian Owens-AU19300185 Steve Fortner, Chad Carder Auctionzip.com23153 for complete listing & pictures www.proxibid.com/owensauctionservice Running 2 rings starting at 10 AM

One year after Iowa derecho, farmers managing volunteer corn

By Doug Schmitz **Iowa Correspondent**

IOWA CITY, Iowa - One year after last August's devastating derecho in Iowa, farmers have been managing volunteer corn at varying degrees, while repairs to damaged grain storage facilities are expected to be completed by this fall, according to industry experts.

"It depends on the level of damage in the field," said Kristina TeBockhorst, Iowa State University (ISU) field agricultural engineer in Iowa City. "There are definitely some bad fields out there this year. But from those that I have talked to with harvestable fields, if they made enough adjustments to their combine headers – many adding reels or cones - they didn't have much volunteer corn to manage."

Rebecca Vittetoe, ISU agronomist in Washington, said the amount of volunteer corn also depends on how aggressive farmers were in managing it.

"Research investigations of corn seed viability of derecho-impacted corn indicated that if the corn plant had not yet reached maturity, the viability of the seed was significantly lower than in mature plants, so the maturity of the corn when the plant died last vear will make a big difference in the amount of volunteer corn in a field this year," she said.

field Virgil Schmitt, ISU agronomist in Muscatine, said he had not run into as many problems as he had anticipated with volunteer corn. "Managing volunteer corn in soybeans is fairly easy, and about 70 percent of corn acres in any one year will be followed by soybeans in the next year," he said.

"In the 30 percent of 2021 corn acres that were preceded by corn in 2020, most farmers were able to plant corn with different herbicide traits, compared to the herbicide traits in the 2020 corn, which allowed volunteer corn management to occur," he added. "For the most part, volunteer corn management has gone well. Most of the affected acres went to soybeans, which made it much easier to control the volunteer corn."

Regarding the rebuilding of grain storage, Mark Licht, ISU assistant professor of agronomy, and extension cropping systems specialist, said, "It appears to me that cooperatives have rebuild - or in process of rebuilding grain storage. On-farm grain storage has been a slower process."

TeBockhorst said, "From the builders and farmers that I have spoken with, a lot of the damaged, on-farm grain storage systems are on track to be replaced by this upcoming harvest, though millwrights are still hard at work to hit that goal.

"I think they've had pretty good weather to get the repairs completed, but I cannot speak to how difficult it has been to get replacement parts or to keep or get enough workers hired on," she said.

"I have been hearing that in the heaviest-hit area near Cedar Rapids along Highway 30 and north, well over half of the repairs were complete replacements of the grain systems," she added. "Minor repairs were also common, such as just replacing a few bin sheets, or the bin roof."

Mary Harrington, Landus Cooperative communications and marketing lead in Ames, said, "Fortunately, Landus did not incur significant grain storage loss in the derecho storm last August. From our view, most of the commercial and large farm storage sites affected have been able to reconstruct, if orders were placed early with suppliers."

Conversely, she added, steel prices have increased significantly, and combined with other supply chain challenges, are posing problems for some projects to be completed on time: "Those who delayed decisions to rebuild or not likely encountered a lack of capacity to execute."

Mike Moellenbeck, River Valley Cooperative vice president, grain business unit, in Davenport, said grain storage is coming back, and estimated two-thirds of the farm space has been re-built in the company's trade area.

"Some producers are 100 percent back, while others have not seen any activity yet," he said.

Dave Holm, Iowa Institute for Cooperatives executive director. concurred with Moellenbeck, saying the facilities that were severely damaged or destroyed should all be replaced by this fall.

"We are still waiting for some components for these new facilities - particularly some of the electronic pieces," he said. "Some of the other facilities that were damaged but still functional will need to be repaired over the next two to three years since the priority was placed on replacing the ones that were destroyed. As with most things, the supply chain and availability of millwright crews has been an ongoing challenge."

Below: Mary Harrington, Landus Cooperative communications and marketing lead in Ames, said, "Fortunately, Landus did not incur significant grain storage loss in the derecho storm last August. From our view, most of the commercial and large farm storage sites affected have been able to reconstruct, if orders were placed early with suppliers." (Photo courtesy of Landus Cooperative)







Scenes from the Illinois State Fair



























U.S milk output up 1 percent in Jul

U.S. milk output was somewhat held in check in July by heat, humidity and drought, especially in the west. The USDA's preliminary data pegs July output at 19.14 billion pounds, up 1 percent from June, and just 2 percent above July 2020 though it is the 14th consecutive month MIELKE MARKET to top year ago output. The 24-state total hit 18.3 billion

WEEKLY By Lee Mielke pounds, up 2.1 percent. Revisions lowered June's

50-state estimate by 1 million pounds from last month's report to 19.95 billion pounds, up 2.9 percent from 2020. The report wasn't expected to excite traders either way.

Interestingly, July cow numbers totaled 9.50 million head, down 3,000 from June, second month in a row they fell from the previous month, but were 128,000 above a year ago. June cow numbers were revised down 5,000

July output per cow averaged 2,015 pounds, up 14 pounds or 0.7 percent from 2020.

Dairy cow culling remained strong in July and again topped that of a year ago as margins remain tight. The latest Livestock Slaughter report shows an estimated 247,900 head were sent to slaughter under federal inspection, up 10,400 from June and 14,200 or 6.1 percent above July 2020. Culling in the first seven month of 2021 totaled 1.81 million, down 14,900 or 0.8 percent from the same period a year ago.

In the week ending Aug. 7, 59,500 dairy cows were sent to slaughter, up 1,000 from the previous week, and 6,600 or 12.5 percent above that week a year ago.

The USDA announced details of the Pandemic Market Volatility Assistance Program (PMVA) to help dairy producers. USDA will provide \$350 million in payments to farmers who received a lower value for their products due to market abnormalities caused by the pandemic. The assistance is part of a larger package including improvements to the Dairy Margin Coverage safety net which will update the feed cost formula to better reflect actual costs for high quality alfalfa. The change will be retroactive to January 2020 and is expected to provide additional retroactive payments of about \$100 million for 2020 and 2021.

PMVA payments will reimburse qualified farmers for 80 percent of the revenue difference per month based on an annual production of up to 5 million pounds of milk marketed and on sales from July through December 2020. The payment rate will vary by region based on the actual losses on pooled milk related to price volatility and be made through independent handlers and cooperatives.

Speaking in the Aug. 23 "Dairy Radio Now" program, HighGround Dairy's (HGD) Lucas Fuess said while details have not been finalized, the program was clearly designed to focus on smaller dairies. He said he doesn't see it significantly impacting markets but will likely boost milk output the rest of 2021 and into 2022.

The Biden Administration also announced a re-evaluation of the Thrifty Food Plan used to calculate Supplemental Nutrition Assistance Program (SNAP) benefits. The average SNAP benefit, excluding additional funds provided as part of pandemic relief, will increase 25 percent for Fiscal Year 2022 beginning Oct. 1.

The Aug. 17 Daily Dairy Report said the increase in benefits could mean an additional \$2 billion in dairy products purchased with SNAP funds. The increase provides each of the 42 million

recipients an additional \$1.19 per day.

Dairy producers can surely use the help. Dairy margins were unchanged in the first half of August as increases in both milk prices and feed costs were largely offsetting since the end of July, according to the latest Margin Watch (MW) from Chicagobased Commodity & Ingredient Hedging LLC. Strength in cash cheese prices were supportive of CME Class III futures which

bounced about \$1.50 per cwt. from recent lows, the MW stated.

The MW cautioned however that "The overall tone of the market remains bearish with spot futures still down around \$2.50 from their May highs. Milk production remains strong for this time of the year. Demand uncertainty lingers from the advancing Delta variant of COVID-19 and indications from Open Table that U.S. restaurants are no longer showing growth in demand, with some significant slowing evident in states more heavily impacted by the current COVID-19 surge. Mobility data similarly suggests a modest slowdown in travel," the MW stated.

Checking demand; June cheese disappearance was up 3.8 percent from May, unchanged from June 2020, and up 5.1 percent year to date, according to the USDA's latest data. Total disappearance was driven by stronger American-style cheese demand, HGD said, but negatively impacted by weaker non-American usage.

Butter was also up 3.8 percent from May but down 3.5 percent from a year ago, and the third consecutive month disappearance was below a year ago. HGD says robust demand in first quarter kept year to date disappearance (up 2 percent) higher in the first half of 2021.

dry milk domestic disappearance was up 6.4 percent from May but down 20.7 percent from a year ago, and up 0.3 percent YTD. HGD said it was the weakest June domestic disappearance on record.

Looking globally; the Aug. 17 Global Dairy Trade auction ended eight consecutive declines but not by much. The weighted average inched up 0.3 percent, following the 1 percent drop Aug. 3, 2.9 percent drop on July 20, and 3.6 percent on July 6.

following a 3.8 percent rise in the last event. Anhydrous milkfat was up 1.5 percent, following a 1.3 percent gain. Cheddar was up 2.8 percent, after inching 0.7 percent higher, and skim milk powder was up 1.1 percent, after it rose 1.5 percent last time. Whole milk powder was down 1.5 percent, after dropping 3.8 percent last time.

StoneX Dairy Group says the GDT 80 percent butterfat butter price equates to \$2.1111 per pound U.S., up 8 cents, after advancing 7.5 cents last time, and compares to CME butter which closed Friday at a huge bargain \$1.6625.

StoneX's Dustin Winston said, "North

Butter led the gains, up 4 percent, Asia (which includes China) purchases were in line with their market share last event but below year ago levels. The smaller purchasing regions; Africa, South/Central America, and North America were the only regions to increase their market share from both last event and year ago levels." China is buying lots of product outside of the GDT as well.

> Looking ahead, HighGround Dairy pointed out that "Despite a solid milk production season in 2020/21 and a flat outlook for this year, Fonterra's 12-month offer volumes are now the lowest in a little more than three years (May 2018)."

BERTSCH RETIREMENT AUCTION

THURSDAY, SEPTEMBER 2 - 10 AM

712 N. GERMANTOWN RD., **CAMBRIDGE CITY, IN** (WAYNE CO.)

(2 Miles from the I-70 and IN SR 1 intersection, EXIT 137) Directions: From I-70 exit 137 take Frontage Rd. past McDonald's ½ mile to N. Germantown Rd. Then south 1 mile to the auction!



TRACTORS - SKID LOADER - TRUCK

JD 6115D FWA tractor w/JD 563 loader, rear wheel weights, 18.4x38 Firestones, power reverser, 2,809 hrs., *1P06115DPAH020981*

- JD 4640 tractor, Powershift, 20.8Rx38 tires, 3 remotes, 4,875 hours - IH 806 Diesel tractor, open station, 18.4x38, rear wheel weigths, sheet metal rough, 2 remotes, 540 pto
- CASE 1818 Uniloader skid steer, gas
- (11) IH suitcase weights; pair of 18.4x38 9-bolt duals
- 1974 Chevrolet Custom 70 Grain Truck w/hoist, tandem axle, steel bed w/diamond plate floor, gas, 5sp. Hi/low trans., hauls 550 bu.

COMBINE & HEADS – HARVEST ITEMS

- JD 9510 Maximizer Combine, 5,212E / 3,852 Seperator hours, Vittatoe spreader - JD 925 Grain Head - Unverferth HT-25 header cart - JD 843 corn head - MK 80-61 swing-away auger w/hydraulic lift - Unverferth McCurdy 275 bu. Wagon - (3) J & M wagons, 275 bu., 250 bu., & 150 bu. - (3) Parker 2500 gravity wagons - (2) 150 bu. Gravity wagons PLANTING & TILLAGE EQUIPMENT

JD 750 No-till Drill, dolly front - IH 6200 Soybean special grain drill -JD 7000 front fold planter 12-row, 30" with insecticide boxes and liquid fertilizer - JD 2800 6-bottom Plow - DMI Coulter-Champ 9-shank Chisel plow - McKee pull-type field cultivator w/Danish tines - AC 1300 field cultivator - JD 230 21' Disk w/harrow - JD 220 Disc - Dunham Lehr 15' Cultimulcher - AG-CHEM stainless steel saddle tanks w/full set of brackets **MISCELLANOUS EQUIPMENT**



- Bush hog 7' 3pt. rotary mower - Pequea 710 hay inverter - New Idea 40' double chain elevator w/pto drive - (2) Flat rack hay wagons - Country Clipper ZERO-Turn Mower, 25.5 hp., 60" cut -3pt. Posthole digger - fast-hitch drawbar

<u>Livestock Related – Straw</u>

- Cattle Gates, PAX Cattle feeder, wood & steel cattle bunks, Hog feeder, water tanks, more; 350 bales of WHEAT STRAW (2019) <u>Tools and Miscellaneous – Antiques</u>

Lincoln AC 225 Arc Welder; Torch cart and heads; Lots of wrenches and hand tools; 100 gal. fuel tank w/pump; Evolution cut-off saw; Upright Air compressor; Farm Primitives, Platform scales, (2) old Super Cross seed signs; Corn Shellers; old wood wagon tongues; Coke rack; More!

AUCTION NOTE: See photos on website. Live on-site auction with online bidding available www.waltherandhawkins.hibid.com

OWNER: TERRY BERTSCH

www.WaltherandHawkins.com 765-855-0835 **Walther & Hawkins Auctioneers**

AUGUST

30 104± ACRES IN 4 TRACTS. Wayne County (Fountain City, IN), Ouality Soils w/63.62± FSA Crop Acres • 2022 Crop rights to Buyer • Picturesque Barns with electric, well and established driveway • 33± acres in the Indiana Classified Forest and Wildlife Habitat Program • Abundant Wildlife, extensive Whitetail pressure • (4) Potential Building Parcels. Contact Andy Walther 765-969-0401.

SEPTEMBER

1 674± ACRES IN 22 TRACTS. Hart County, KY. Phenomenal Hunting Opportunities • Stocked Ponds and Numerous Interior Trails • Mature Timber Appraisal Available • Cave Access • Recently Built Fencing and Barn Structures • Turnkey Cattle Operation • Two Homes. Contact Brad Horrall 812-890-8255.

14 79± ACRES IN 3 TRACTS. Fayette County (Brownsville, IN). Contact Andy Walther 765-969-0401.

15 513± ACRES IN 17 TRACTS. Morgan & Washington Counties (Stockport, OH). Great Recreational Opportunities • Prime Wildlife Habitats • Timber Investment Value • Potential Building Sites with Scenic Views. Contact 800-451-2709.

29 141± ACRES IN 5 TRACTS. Union County (Liberty, IN). Contact Andy Walter 765-969-0401 or Steve Slonaker 765-969-1697.



Real Estate and Auction Company, Inc. 800-451-2709 · SchraderAuction.com

PERSONAL PROPERTY

AUGUST

31 FARM EQUIPMENT. Woodburn, IN. Contact Mike Roy 260-437-5428 or Eric Ott 260-413-0787.

SEPTEMBER

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

7 FARM EQUIPMENT & NURSERY LIQUIDATION – TIMED ONLINE ONLY. New Carlisle, OH. Contact Andy Walther 765-969-0401 or Eric Ott

9 FARM EQUIPMENT & NURSERY LIQUIDATION. New Carlisle, OH. Contact Andy Walther 765-969-0401 or Eric Ott 260-413-0787.

11 FARM EQUIPMENT. <u>Hart County, KY</u>. Contact Brad Horrall 812-890-8255 or Luke Schrader 260-229-7089 or Eric Ott 260-413-0787.

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

23 PERSONAL PROPERTY – TIMED ONLINE ONLY. Fort Wayne, IN. Contact Mike Roy 260-437-5428 or 866-340-0445.

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

Seatured Sarms

ADAMS CO., IN - 10± ACRES/HOG FARM FOR SALE - 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)

Telephone wires fill with birds waiting for the great migration

Already swallows are moving down very summit of the season, signs of period, reaching apogee, its position from the north. I saw them ranged side by side on telephone wires this morning. In the circle of the seasons, there is no pause. Already summer slides toward autumn. On this hot afternoon, at the

change are in the air. – Edwin Way Teale

The Moon and the Sun

The Restless Billy Goat Moon, full on Aug. 22, wanes throughout the farthest from Earth, on Aug. 29 and entering its final quarter at 2:13 a.m. on Aug. 30.

Rising late at night and setting in the afternoon, this moon passes overhead in the in the morning, encouraging creatures to be more active at that time, especially as cool front of Aug. 29 approaches.

Aug. 22 was Cross-Quarter Day, the day that marks

Weather Trends

the Canadian border.

Zeitgebers

halfway to autumn equinox. Summer's leisurely progress toward winter picks up speed now, the Sun appearing to move nearly twice as quickly toward the horizon as it did last month.

The period of Aug. 25-27 usually

brings a return of warmer temperatures

in the 80s or 90s. Then comes the cool

weather associated with the front that

typically arrives in the last days of

August, bringing the threat of frost along

(Events in Nature that Tell the Time of Year)

to turn. Panicled dogwood has white

fruit and leaves fading pink, trefoils

are decaying, and staghorns are dark

brown on the sumacs. Ragweed pollen

disappears with the last of the garden

phlox. The year's final tier of wildflowers

is budding: beggarticks, bur marigolds,

as migrations accelerate. Flickers,

redheaded woodpeckers, red-winged

tanagers, indigo buntings, Eastern bluebirds, robins, grackles and black

Purple coneflowers and Joe Pye weed

are pale now, and golden coneflowers

have begun their three-week process of

The S.A.D. Index, which measures

seasonal stress on a scale from 1 to 100, drops into the gentle 20s as August moves

to a close, reflecting the increasing odds

for milder weather and the weakening of

lunar influence because of apogee and

the Moon's weak position as it enters its

brain to prepare for the seasonal changes

ahead. Some people feel an autumnal

surge of energy during the coming

weeks. Depending on your metabolism,

the autumn surge can last into early

Purchase crocus, daffodil and tulip

Farmers are preparing for the seeding

The best of hickory nutting season

This is a good time to make or update

of winter barley and rye. Sod the lawn

in anticipation of cooler, wetter weather.

begins. Gather black walnuts and

a field and garden map. Mark areas

where perennials have bloomed earlier

in the season. Assess the success or

failure of various garden plants and

plots. Consider rotation of vegetable and

November and December

bulbs for autumn planting and spring

flowers. Order paperwhite and amaryllis

And the shortening day signals the

Telephone wires fill with birds

asters and zigzag goldenrod.

blackbirds, house wrens,

ducks move south.

Mind and Body

final quarter.

November.

bulbs for

pecans, as well.

blooms.

In the Field and Garden

Elms, sumac and sycamore start

Poor Will's Almanack By Bill Felker

to a head-butting contest. I thought this was cute, at first. He would lunge and smack his head against my fist, back up and repeat the process two or three times. And we would call it a draw. And I thoroughly

The latter we called Bucky,

and you had but to press a hand

between his horns and he would

back up, raise his nose and charge

forward. To him, it was a challenge

enjoyed having my sister 'try her hand' at the little game. She was a wee bit apprehensive and quickly decided it was a dangerous sport best left to larger and more foolhardy folk than she.

But one day, I was a couple hundred yards downhill from the house. The young sheep were grazing above me near the yard. Glancing up, I saw Bucky look at me, lower his head, and begin a frenzied all-out sprint toward me.

He picked up speed on his downhill charge. I waited, uncertain as to the proper course of action. As the gap between us narrowed, I began to run in a wild zigzag pattern. Bucky quickly lost momentum as he pondered the direction changes of his once stationary target.

I avoided certain injury that day, but I was not so fortunate on a walk to the windmill with the dogs. Bucky happily accompanied us and on the return trip, he positioned himself next to me on the road. He lowered his head and suddenly sideswiped my shins with his horns. I dropped to the ground in agony, and I swear I could hear the ornery varmint chuckling as he continued up the track.

This by the woman who sent this

My stepfather is a Basque sheep rancher. On an occasion when I accompanied him to the lambing shed, I stood in the narrow chutes. He released a particularly wild ewe from the pen. She charged toward me like a runaway freight train and plowed through my

As I was bent over trying to snap my knees pack in the proper direction, he gave me this sage, albeit late, advice, "Watch out! She'll run over you!"

ANSWERS TO LAST WEEK'S **SCKRAMBLER**

order In estimate your to 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.

TOBACCO CCOBOTA OTMATO **TOMATO OUEDNGR UNDERGO** AEOWLGRTF **AFTERGLOW** OOINMD **DOMINO** HODAI **IDAHO XMCEIO MEXICO** OHLYLAT TALLYHO IIGODN INDIGO **VOREGRWO OVERGROW** TOTELAFL **FALSETTO**

THIS WEEK'S RHYMING SCKRAMBLER

WROT EWO **LOWF** EJO EOH WES **OHWS AOVRB DEBORAXU UUAEBR**

Bill Felker's Daybook for September (with extensive details for every day of the month) is now available. For your autographed copy, send \$20 to Poor Will, P.O. Box 431, Yellow Springs, OH 45387. Or order from Amazon or from www.poorwillsalmanack.com.

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PUBLIC AUCTION Due to the death of our parents, John & Ruth Schafer, we will therefore offer for sale

at public auction the below listed items located at 15352 Klass Rd.,

COAL CITY, INDIANA 47427

(south on Hwy. 157 from Coal City, IN to Schafer Rd. & follow auction signs) on:

SATURDAY, SEPTEMBER 4TH **9:00 AM

<u>VEHICLE:</u> 2001 Ford FI50 Super Cab pickup, V8, 4x4, 85,000 orig. miles, R&D - <u>TRACTORS-MISC:</u> 1952 Case SC tractor, older restore, R&D (Mr.⋅ Schafer was proud of winning 5 tractor pulls with this tractor after he was over 90 yrs. old) - 1966 Oliver 1650 gas tractor, WF, PS, R&D (this tractor is standing tall & ready for field or show) - 1936 Allis Chalmers WC tractor, engine free - 1951 Massey Harris 44 tractor - 1964 MF 65, partial bum, Rice tires, real good fenders - JD 2010 tricycle gas tractor, as is - Also: Club Car gas golf cart - Kawasaki Bayou 220 four wheeler - Power wheelchair - Sev. riding lawn mowers, various conditions - Real good AC riding mower - Owatonna Mustang ser # 149935 - Troy-Bilt "Horse" rototiller, needs motor - 1959 Case 200 B gas backhoe - TRAILERS-FARM: Real good Trailtech tri-axle 24ft trailer, see it - Tandem axle all alum. 20ft race car trailer w/overhead viewings platform - Rawhide (6ft tandem axle horse trailer, center gate - Two wheel trailer) - ALSO: Minneapolis Moine tandem axle manure spreader - International #35 trailer type hay rake, good - 7ft disc mower -Int. 7ft 3PH mowing machine - 3PH dbl. pole bale mover - 3PH slip scoop - Rubber tired 13-hole grain drill, good - Cultipacker - 3PH subsoiler - Bush Hog 3PH grader blade - 3PH 2-row cultivator - Flatbed farm/hay wagon - Gravity bed wagon w/ext., good -Flare side grain wagon - 2pt 5-bottom AC steerable plow - 40ft hay elevator - 3PH posthole digger - AN-TIQUES: Tube cattle stanchions - Baggage/feed cart Post vise - Hay rope pulley, building stars, wooden planes, homemade anvil, good, coal mine hand drill Petroleum 5 gal, cans - Old fire ext. - Brooder lamp Kraut cutter - Old store paper rollers - Buildings still full to be set out by auction day - MISC: Power hacksaw - Porta Power - Lawn roller - Lawn thatcher

board - Pet carriers - Chain link fence - Metal shelving - Welder - Air compressor - HOUSEHOLD: Tell City maple table & chairs - Drum top table - Very nice Whirlpool elect. range - 1960's dinette set - Floral 7ft couch - Invalid equip. - Longaberger basket & stand - Bedding - Blue color recliner w/heat & vibrator - Tan colored recliner lift chair, nice - Buffet - Lots dishes, cooking utensil - Farm toys, games - Canning supplies - Many other items too numerous to mention - A LARGE AUCTION!!

TERMS: Cash or approved check day of auction. Nothing to be removed until settled for. Not responsible for accidents.

MARION SCHAFER, PR OF **JOHN & RUTH SCHAFER ESTATE, OWNERS JACK WOODRUFF, ATTORNEY FOR ESTATE**

WILLIAMS AUCTIONEERING & APPRAISALS Founded by Col. Gene Williams in 1947 3851 Williams Rd., Gosport, IN 47433 - Ph: 812 -829-6358 Bill Williams, auctioneer/owner In.#. AUO1003520 * III.# 441000880 * CA.#.-00-041-0015 www.williamsauctioneering.com

SEE WEBSITE FOR PICTURES

Mr. & Mrs. Schafer were very well known & liked in the Coal City Community - Step back into a 1940's farmstead - Bring a friend & enjoy yourselves in this old time country home setting. We appreciate our customers, therefore, **NO BUYER'S PREMIUM**. Announcements day of auction take precedence over printed material - Auctioneers make no guarantees concerning condition of merchandise nor selling time of any particular item - Come if you want to buy and come if you don't want to buy, we are always glad to have you!

UPCOMING AUCTIONS

Gas generators - 9 new sheets 3/4" T&G particle

Cass County, IN: August 30 • 171.28*/- Acres • 6 Tracts Galveston Community Center • Wooded Building Lots

Contact: AJ Jordan 317.697.3086 | Larry Jordan 765.473.5849

Tipton County, IN: August 31 • 26.02+/- Acres **Productive Farmland** Contact: Ken Ziegler 317.385.2736

Cass County, IN: September 8 • 23.126+/- Acres (ONLINE) Rural Home • Wabash River Frontage • Woods

Contact: AJ Jordan 317.697.3086 | Larry Jordan 765.473.5849 | Scott Shrader 765.348.6538

Grant County, IN: September 9 • 79.95*/- Acres (ABSOLUTE) Eventfully Yours • Prime Farmland • Pattern Tiled Contact: Jaret Wicker 765.561.1737 | John Miner 765.438.2699

Lawrence County, IN: September 15 • 267.22*/- Acres • 3 tracts Cropland & Recreational Land Contact: Todd Litten 812.327.2466

Lake County, IN: September 20-21 (ONLINE) • 166.55*/- Acres **3 tracts of Tillable Cropland** Contact: Larry Smith 219.716.4041

Morgan & Putnam Counties, IN: September 21 • 369.24+/- Acres 5 tracts • Productive Cropland • Woods Contact: Todd Litten 812.327.2466

White County, IN: September 29 (ONLINE) • 211.3+/- Acres 2 tracts • Large Tract of Productive Farmland

Contact: John Bechman 765.404.0396 | AJ Jordan 317.697.3086 | Larry Jordan 765.473.5849

Tippecanoe & Warren Counties, IN: October 5 • 882.6+/- Acres 15 tracts • Pasture • Productive Tillable • Wooded Land

Contact: John Bechman 765.404.0396 | Co-Broked with JLL: Sarah Morey 317.810.7139

FEATURED LISTINGS

La Porte County, IN: 168.35*/- Acres • Farmland • Woods Contact: Kelsey Sampson 219.608.4341 | Julie Matthys 574.310.5189





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HRES IN Auct. Lic. #AC69200019, IL Lic. #417.013288 MI Lic. #6505264076. AUCTIONEER: KEN ZIEGER, IN Auct. Lic. #AU01034698. RUSSELL D. HARMEYER, IN Auct. Lic. #AU10000277, IL Auct. Lic #441.002337 & OH Auct. Lic. #2001014575

"Bucky" By Debra L. Brown, Buffalo, Wyo.

flower crops for next year.

ALMANACK CLASSICS

Among the bum lambs we raised one year were two young males my stepfather kept for breeding stock. One was a gentle, open-faced muley with a talent for leaping fences. The other was a Rambouillet who grew a fine set of

Man rescued from Lake Michigan

It's horrifying to imagine. Alone, lost in the dark and adrift on a jet ski far from visible land on Lake Michigan. This is the situation Jerimiah Merritt, of Gary, Ind., faced on Aug. 14.

Fortunately Merritt was rescued after a lengthy multiagency search coordinated by Indiana Conservation Officers on the lake. On Aug. 13, Merritt, 24, SPAULDING OUTDOORS left the Portage Marina on a By Jack Spaulding personal watercraft (PWC)

to go riding on Lake Michigan. After Merritt failed to return home, his family located his vehicle parked at the marina and called 911.

Indiana Conservation Officers and the Portage Police Department immediately responded determined Merritt may be in danger and requested additional assistance in the search. The Portage Police Department initially began searching the lakefront near Portage Lakefront Park utilizing an unmanned aerial vehicle (UAV).

The Portage Fire Department's Marine 1, United States Coast Guard (USCG), Lake County Sheriff's Department Aviation and Marine Units, Ogden Dunes Police and Indiana Dunes National Park Rangers responded and expanded the search by utilizing off-road vehicles, emergency watercraft, UAVs and helicopters.

About 1:45 the next morning, a USCG Helicopter spotted Merritt adrift on his PWC approximately five miles offshore from Portage Lakefront Park. A USCG vessel made contact and brought Merritt to safety.

Merritt reported having mechanical issues with his PWC at 8 p.m. the previous evening and was unable to return to shore. He did not have a cell phone or any other means of communication to call for help.

Indiana Conservation Officers encourage recreational watercraft users to carry a variety safety equipment, including communication devices, with them while boating. It is also important to always tell someone where you are going and when you plan to return when going on the water. For more on boating safety, please visit our

website at the following link: https://www.in.gov/dnr/ law-enforcement/education/ boating-education-andsafety/

> addition to the agencies assisting on the scene, the Porter County Central Communications 911 Center, Lake County Communications Center, Indiana and Conservation Officers

Central Dispatch Center played vital roles in the rescue effort.

Additional reserved hunts

Hunters can apply for additional reserved hunt opportunities at on.IN. gov/reservedhunt. The online method is the only way to apply for the hunts listed below. No late entries will be accepted. Applicants must possess a hunting license valid for the hunt for which they apply.

Many of the additional hunting opportunities are available through Fish & Wildlife managed Game Bird Habitat Areas (GBA) and through the Indiana Private Lands Access program (IPLA). Learn more about IPLA at bit.

For the below opportunities, hunters will be selected through a random computerized drawing. Applicants can view draw results online within two weeks after the application period has closed. An email will be sent to all applicants when draws have been completed.

All applications must be submitted by 11:59 p.m. ET on the listed closing

New this year, GBA pheasant hunts have been broken into two separate online draws. The DNR Division of Fish & Wildlife modified the applications to allow people to apply closer to the actual hunt dates. The purpose of the change is to reduce the number of people who apply for a hunt and get drawn, but do not show up for their GBA pheasant hunt.

- IPLA Deer Hunts, Scott County, open Aug. 16 - Aug. 30.
- November GBA Pheasant, open Aug. 16 - Sept. 30.
 - IPLA Game Bird, open Aug. 16 -(Spaulding continued on page 15B)

Essays From God's Country, the newest book by Lee Pitts, features some of the columnist's most inspirational writing. Order online at www. leepittsbooks.com or send \$12.95 plus \$3 postage per book to: Lee Pitts, 2878 Rodman Dr., Los Osos, CA 93402.



PRODUCTIVE CROPLAND NEAR I-70

WOODS • BARN • PUTNAM & MORGAN COUNTIES

September 21st, 6:30 pm ET

Dixie Chopper Conference Center

102 Ballard Lane | Greencastle, IN

PROPERTY LOCATION:

HALDERMAN

2 miles E of Belle Union, 4 miles N of Eminence, 11 miles SE of Greencastle

Tract 1: ~15.3+/- Acres

Tract 2: 17.5+/- Acres Tract 3: 209.1+/- Acres

Tract 4: 67.5+/- Acres Tract 5: **59.848**+/- **Acres**

OPEN HOUSE

Thursday, September 9 5:00 - 7:00 pm ET

Contact Todd, today! Todd Litten: 812.327.2466

Oswalt Family Farm Homestead Auction

August 28, 2021 @ 9:00 A.M. 5009 Hollansburg-Sampson Rd., Arcanum OH 45304







Tractors: MM 670, 2,104 original hrs, gas, wide front end, w/flattop fenders, 3 hydraulic outlets, 540 PTO. 3 point hitch, 1 OWNER TRACTOR; 1975 Deutz D100-06, 2wd, cab, 3 point, 5,141 hrs, safety light bars, nice condition, 540/1000 PTO, 18.4-34 rear tires; 1976 Deutz D100-065, 5,565hrs, 3 point, PTO, 2wd, cab, 16.9-38 rear tires, 3 hydraulic remotes; JD 2640, 15.5-38 rear tires, hydraulic remotes, 540 PTO, HI-LOW trans, 1,514hrs (not actual), diesel flattop fenders; JD 2640 w/146 loader 1 owner tractor; Trucks: 1990 Chevy 2500 3/4 ton, 4x4, automatic trans, 300k+ miles, w/350 motor; Mower: Bad Boy 747 Maverick Kohler 60in cut; Planters & Drills: MM A13-7 drill, rope trip, w/grass seeder, double disc openers (nice!); IH 56 4 row wide, corn planter, dry fert, field ready; JD 7000 corn planter frame, no hardware; JD 7000 liquid fert, w/markers, missing seed units, 3 point; Spare JD & Kinze planter parts; Great Plains Solid Stand 13, 21 hoe, w/grass seeder, only planted 900 acres, like new condition!: JD 6 row 3 point hitch, unit planter; 3 point 6 row planter, w/IH units; Kinze 6 row, double frame, corn planter, liquid fert, starter tank, Martin row cleaners, spiked closing wheels, corn & bean meters, no monitor; Plows & Rippers: JD 2800, 5 bottom spring reset, hydraulic variable width: M&W 3 shank, spring reset subsoiler: Keverland 3 point, 3 bottom plow; MM 5 bottom plow; JD 3 bottom, mounted plow; Keverland 4 bottom plow; M&W Earthmaster deep till w/3point IH chisel plow; Overland 5 bottom hydraulic reset plow; Tebben 5 shank, 3 point subsoiler; (2) MM moldboard plows; Wagons & Running Gears: 1 Hay wagon w/wood running gear; (2) EZ-Trailer header carts; Misc. Tillage Equipment: Kongskilde 9100 15ft, vertical tillage tool; Brillion spring tooth harrow, 10ft; 3 point 18ft drag w/wing fold; 14ft Danish tine harrow w/mounting brackets; MM 4 row cultivator; (2) 3 point field cultivators, 12ft long; IH 14ft cultivator; Oliver 12ft, tandem transport disc; Kewanee 13ft hydraulic lift disc; Burch 16ft disc, 2ft manual fold wings; Bush Hog 16ft w/manual fold wings; (2) JD frames w/custom built Phoenix Aerator, 16ft; Field cultivator frame, no hardware; Pull type 12ft rotary hoe; White walking tandem, field cultivator, 16ft, w/hvdraulic fold wings; Brady 13ft, field cultivator, w/crumbler; (2) Brillion 5ft, crow foot cultipackers; JD row crop culti vator, 4 row wide; IH 4 row wide cultivators; Mounted MM multiple sets cultivators; M&W toolbar; (2) IH 3point hitch, Danish cultivators; Cultivator parts; JD 2 section drag harrows, w/adjustments; (5) Skids of field cultivator sweeps; Pitsburg rotary hoe; JD 400 rotary hoe (good condition); Dunham Lehr 15ft cultipacker, w/teeth, tandem hydraulic transport; Misc **Equipment:** Yochum Bros pull type, converted spray boom; ARPS 6ft blade; 6&8in grain augers, various lengths; Woods 3 point backhoe attachment; FMC 7ft, 3 point, rotary mower; Clark 6 row, 28% applicator, stainless tank, (rough); (2) Brady PTO, 7ft & 5ft, flail choppers; (2) Walsh sprayer tanks, w/frames, no booms; (2) 1500 GAL, plastic tanks; (2) 1000 GAL, plastic tanks; Jaguar power unit w/Continental motor; ARPS80 3 point, snowblower; FASTEX V18, 1000lb,

electric, scissor lift: United Tractor shop mule, w/gas motor; MM corn drag, w/electric motor; (25+) hydraulic cylinders to include MM, Cross, Redline, JD, & others; Speedco wide front, w/mounting bracket, 6 lug; Bumper pull type, 18ft, tandem axle, steel deck trailer; (4) 250 Gravity bed wagons, factory gears; Bin aerators; Seed Energizer LK 546 AgraTronix Specialty: Killbros hydraulic auger: Multiple tractor umbrellas; Galvanized 16ft corn drag; Multiple side boards for wagons; New Idea 3 point, side mower; All metal corn sheller good shape, Homeade shop press; Clipper grain cleaner; Yetter grain cleaner; Deutz fenders; Wood spoke running gears; Corn planter units of all types Burch & IH; Clark truck sprayer stainless 500 gal tank, 45ft booms, foam markers, Honda gas engine piston pump; New Idea, 3 point hitch, hay rake, PTO drive; (2) New Idea NO12 manure manure spreader, top beater (nice); Harvesters & Combines: 1986 Case IH 1660 Axial Flow, 5.185 hrs. chaff spreader, 30.5-32 tires, 2wd. very well maintained; MM Model HF pull type combine (has set outside many yrs, looks complete); MM 2 row, mounted corn picker w/hardware (rough); MM corn sheller (rough); Gleaner G combine, roundback, w/gas Continental engine; Gleaner K w/Chevy motor, roundback; Gleaner F combine (non runner); Gleaner K combine (non runner); Combine Heads: AC Gleaner 630 corn head; (2) F13s grain heads; (1) Gleaner 12 fits K grain head; JD 643 low tin corn head, Calmer chopping rolls, & kit; JD 216 grain head; Weights & Rims: (6) Oliver wheel weights; (4) Agco wheel weights; Deutz (3) rims & centers casting for 34&38s rims; set of tires 38s, tires 90%; (6) JD 40 series wheel weights; (2) MM weights; (2) Massey Harris starter weights; JD front weight bracket; (14) Deutz front weights for 100-06s; MM weight bracket; MM front weights; set of 9 bolt rims; (2) full sets 10.00x16; 8 hole wheel tires; Shop Items: L shaped Daimond plate fuel tank, w/pump; Hand tools of all types, large amount of Gleaner combine parts; Small metal Quonset hut; Collectibles: Old Burlap paper sacks; Old ball caps; Seed Company Memorabilia; Misc antique barn finds; Old ball caps; 6-9 wagon loads of shop items! Misc Equipment: Small grain augers; lumber; auger tubes; siding; roofing for corncribs; cultivator parts; shanks; Yetter grain cleaner; Pellet bins; Sprayer tanks; Corn drag for corn cribs; electric scissor lift; (3) New Idea electric mowers; Proforce 60 gal air compressor; 500 gal, diesel tank; 1000 gal diesel tank; cement mixer; NorBlo dust collector; hydraulic hoses; planter parts; stirrator augers; (2) Metal lathes & tooling for lathes; Norge refrigerator; GE refrigerator; workbenches; welding tables; New Finds: Landscape rocks, old windows, 1 old bathtub, (3) old sinks, 2-3 old refrigerators 1 in working condition, wood burning stove, Farm Advertising items: (hats, calendars, mugs, note pads, pencils, etc), old coins, silver plated flateware, Whirlpool refrigerator-nice, GE glasstop stove, Nuwave cook system, set White Corelle dinnerware, old dolls in boxes, Walnut flatscreen TV stand, Old stereo & TV set.

THERE ARE MANY SHOP HAND TOOLS NOT LISTED! PLEASE CHECK CLOSER TO AUCTION!

Auctioneer's Note: We are honored to sell the above items for the Oswalt family. This is a collection from 2 generations over 50+ years! We will be selling in 2 rings & possibly a 3rd. Please come prepared to buy!! Food will be available, and plenty of parking. Online bidding will be available on Equipmentfacts.com for larger items. Terms & Conditions: Cash, Check & Credit Card w/4% Convenience Fee, All items sell AS-IS, WHERE-IS, with no guarantees or warranties expressed or implied.

Auctioneers: Grant Bussey, Harley & Hal Jackson, Mike Baker **Apprentice Auctioneer: Orrin Bussey**

Bussey Bros. Auctioneers & Harley & Hal Jackson Auctioneers (844) **SOLD-BBA**









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.

"Thank You" for saying you saw it in Farm World!

AUCTION REMINDER LIVE ON-SITE AUCTION

ONLINE BIDDING @ EQUIPMENTFACTS.COM SATURDAY, SEPTEMBER 4, 2021 Small Items @ 10:00 AM Equipment @ 11:00 AM 8421 PADDOCK RD., EATON, OH 45320

10:00 AM Small items of interest along with primitive farm related items - 50+ Cataloged items will be sold at 11:00 AM on Equipmentfacts during the live auction - JD 4440 Tractor - Harvest Equipment - New Holland TR70 & TR85 Combine - Corn & Bean Heads - Field Equipment - JD 410 Backhoe - Trencher/Tile Machine Dump Truck - Grain Trucks - Fuel Tanks - Anvile & more... Listing & pics @ walnutharvestauctions.com TERMS: Cash or pre-approved & good checks - Credit cards w/3.5% cashiering fee. All items sell in

> MARLING FARM EQUIPMENT AUCTION For info, please call Scott@ 513-582-7524 or 530-351-8062

Preview: September 2nd & 3rd, 10 AM-4 PM... Loader will be available day of auction

their current conditon "as is"... Online bidding subject to buyer's premium & terms.

Walnut Harvest Auctions, LLC Bob Roach, Auctioneer & Realtor - 937-533-7081 Anna Marie Roach, Manager-Realtor - 937-657-5626 Luciano "Lucky" Montoya, Auctioneer - 937-313-1660 Hogan Kendrick, Auctioneer - 757-641-5406

bob@walnutharvestions.com walnutharvestauctions.com CHAD HAGINS, INC.

II. MLS 😑

DELK FARM EQUIPMENT THURSDAY, SEPT. 9 • 10:30AMEST

Held at 4474 Shields Road, Arcanum, OH 45304





Sat., Sept. 4, 9 AM-12 NOON

DIRECTIONS: From I-70 and St. Rte. 49 – Take St. Rte. 49 north 17 miles to Shields Rd. Turn right (north) on Shields Rd. Travel 1.2 miles to auction site

AUCTIONEER'S NOTE: After many successful years of farming, Mr. Delk has rented his farm and is offering an outstanding line of immaculate farm equipment that has always beer shedded and properly maintained. Loading will be available auction day. Bring your trailer

SALE ORDER: 30-45 minutes of small items, tillage, planting, tractors, combine, harvest equipment, trucks, miscellaneous, remainder of small items

1979 FORD 900 GRAIN TRUCK, Ford Big Block V-8 gas, 2 stick,

1975 FORD 8000 GRAIN TRUCK, 3208 CAT diesel, 2 stick H/L/D/ OD + 5 spd, tandem axle, steerable air ride, 3rd axle, Hendrick walking beam, 11 R 22.5 tires, 225/70 R 22.5 lift axle tires, rear bumper hitch, PTO, air brake, 16' steel dump bed, steel floor, coal

TILLAGE & PLANTING, SPRAYER

27 1/2' CASE IH 4300 FIELD CULTIVATOR, hyd fold, 5 bar spike tooth harrow, rear hitch, walking tandems, lights, SN JFH0018591 JOHN DEERE 2800 5 BTM PLOW, semi-mounted, spring reset,

JOHN DEERE 8100 TRACTOR, 18.4 R 42 duals, 380/85 R 30 tires,

JOHN DEERE 7720 TRACTOR, 480 / 80 R 42 rear, 14 L-16.1 tires, 3

hyd remotes, 3 pt, quick hitch, 540/1000 pto, GreenStar Ready, 20 spd PowrQuad Plus trans, C/H/A, auto steer ready, shows 2311 hrs,

wts, 2 hyd remotes, 3 pt, quick hitch, 540 pto, diesel, 8 speed, 2852

JOHN DEERE 2030 TRACTOR, 13.6-38 rear, 7.5-16 front, front

MFWD, powershift, 3 hyd remotes, 3 pt, 1000 pto, front fenders, buddy seat, autosteer ready, 3936 hrs, SN RW8100P020271

9 SHANK INTERNATIONAL 60 CONSER-TILL DISC CHISEL, front straight blades, leveler

JOHN DEERE 1780 PLANTER, 11 row x 15", 3 bushel boxes, vac meters, pneumatic down pressure, ground drive, markers, 16.5-16.1 tires, lights, Keeton seed firmers, cast closing wheels, omputrac 250, SN 1A01780RPEA755235

JOHN DEERE 1760NT PLANTER, 8 row x 30", hvd front fold. finger pickup, on row boxes, no-till coulters, floating Yetter row raners, Shaffert seed firmers, rubber closing wheels, drag chains, spring down force, ground drive, (2) 150 gal poly tanks, ground driven John Blue piston pump, 2x2 John Deere single disc openers, markers, Computrac 250 w/radar, SN A01760N700111 60' CENTURY SPRAY BOOM, 3 pt, 20" spacing, 3 electric sections,

TOP AIR 250 GAL SADDLE TANKS W/ ACE HYD DRIVEN PUMP, mount for 7720 tractor

1600 GAL SHUTTLE TRAILER, 1600 gal poly tank, tandem axle, 22.5 tires, surge brakes, 2"Banjo poly pump 1000 GAL SHUTTLE TRAILER, 1000 gal poly tank, tandem axle,

2" Banjo poly pump, 15 gal inductor, 15" tires

HARVEST EQUIPMENT JOHN DEERE 9400 COMBINE, 24.5-32 drive tires, 14.9-24 rear, chopper, Vittetoe hyd chaff spreader, Maurer grain bin ext, HarvesTrak, Tiger LED lights, 2689 engine hrs, 1811 separator hrs,

JOHN DEERE 693 CORN HEAD, 6 row x 30", fluted rolls, poly, hyd drive fluff auger, Calmer stalk rollers, SN H00693X671306 18' JOHN DEERE 918 GRAIN HEAD, hyd fore/aft, row crop

dividers, poly skid shoes, SN H00918F670831 25' J & M HEADER TRANSPORT TRAILER, 205 / 75 R 14 tires UNVERFERTH HT 25 HEADER CART, 20.5x6-10 tires (2) UNVERFERTH 530 GRAVITY BED WAGONS, 425/65 R 22.5 tires, hyd surge brakes, lights, roll tarps, sight windows, SN

J & M 525 GRAVITY WAGON, 425 / 65 R 22.5 tires, hyd surge, brakes, sight windows, lights

250 BU GRAVITY SEED WAGON, 15'J & M poly cup auger, electric shut off, Auger Mate power unit, John Deere 1065 gear

1987 INTERNATIONAL \$1700 GRAIN TRUCK, 466 diesel 5 + 2 trans, single axle, 205" WB, spring ride, 10.00 R 20 tires. rear bumper hitch, PTO, 16' grain bed, wood sides & floor, twin hoist, roll tarp, grain chute, hyd brakes, 308,911 miles, VIN 1HTLCCFP9HH477052

H/L/D + 5 spd, tandem axle, 225"WB Hendrick walking beam, 11 R 22.5 tires, rear bumper hitch, 20' Omaha standard grain bed, wood floor, grain chute, roll tarp, barn doors, air brake, shows 84,830 miles, VIN S91KVFF6187

chute, tailgate, shows 67, 634 miles, VIN U80CVV68107

GRAIN BIN, GPS, ATU, MISC. EQUIPMENT

15'X 15'H MARTIN / SILVER SHIELD GRAIN BIN, 6" unload, 12" fan w/ air tube, concrete floor, flat roof

(2) JOHN DEERE ATU 200 STEARING CONTROLLERS STARFIRE 3000 GLOBE W/ 450 RTK RADIO, PCGT3TB792300 JOHN DEERE 2630 DISPLAY, RTK unlock, PCGU2UF507028 MISC. TRIMBLE wiring harnesses to fit JD 8100 & 7720 tractors 265 GALLON SHUTTLE W/ SOTERA 12-VOLT PUMP, hose &

JOHN DEERE 709 ROTARY MOWER, pull type, hyd lift, 2 tail wheels, 540 pto, stump jumper
(2) 205 JOHN DEERE WHEELS WEIGHTS

PALLETS OF PAVER BLOCK 7' SNOW BLOWER, 3 pt, 540 pto, hyd swing discharge chute 100 GAL STEEL FUEL TRANSFER TANK, 12 volt pump **3 PT SPRAYER, POLY TANK,** 27' boom, 20" spacing, no pump NEW IDEA MANURE SPREADER, 540 pto, 11' bed, triple beater 16' FLAT RACK WAGON, on Killbros 1386 gear

(2) 300 GAL fuel tanks **DICKEY JOHN** mini GAC plus hand held moisture tester MILLER MADIC 172 wire welder SET OF 18.4-42 Goodyear tires SET OF 16.9-34 clamp on duals

SNYDER FARM - (937) 692-5938

INTERNATIONAL 5488 TRACTOR, 18.4 R 42 duals, 14L-16.1 front, front wts, 12 spd trans, 3 hvd remotes, 3 pt hitch, 1000 pto. C/H/A, K & M steps, shows 4747 hrs, SN 2590002U001665 KINZE 2000 6X30" CORN PLANTER, finger pick-up, 120 gal poly

tank w/ 2+2 Kinze openers, no-till coulters, (2) 150 gal poly tanks w/ in furrow on Keeton seed firmer, rubber press wheels, ground drive, ground drive piston pump, ground drive squeeze pump, markers, KM 3000 monitor, insecticide, SN 809043 27 1/2' CASE IH CRUMBLER, hyd fold, hyd lift, lights

15' JOHN DEERE ROTARY HÓE 400, 3 pt, rock guard 14' DUNHAM LEHR PACKER, manual raise, end transport 9 ½' INTERNATIONAL DISC, pull type, manual lift 10'BRILLION SMOOTH WHEEL PACKER 9-SHANK INTERNATIONAL 6500 CONSER-TILL DISC CHISEL, front straight blades, hyd lift, hyd disc depth, JAG0013068 30'PULL-TYPE KUKER SPRAYER, 200 gal poly tank

10' JOHN DEERE FB DRILL W/ GRASS SEED BOX, rope trip, 3 BTM X 14" INTERNATIONAL 60 MOLDBOARD PLOW, pull type, hyd lift, tail wheel

2-ROW HOLLAND TRANSPLANTER, 36" row, tobacco setter, 4 seat, liquid, pull-type, SN 259219
(4) 250 BU GRAVITY BED WAGON, (3) on J & M gear, (1) on Gehl

gear, 11L-15 tires 10 ½'WOOD DRAG

OWNERS: DAVID & BEVERLY DELK AUCTION MANAGER: NICK CUMMINGS, CAI (740)572-0756 FOR EQUIPMENT QUESTIONS: KEIR SMITH (937) 467-2661





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Study looking at the decline in Midwest wild turkey populations

BURLINGTON, Iowa (AP) — As pheasants crowed from the timber and the smell of smoke carried to southern Iowa from wildfires raging in the north and west, Brier Klossing listened to the quiet beep of a nearby transmitter.

The beeps, occurring at a rate of about one per second, were coming from a backpack affixed to a turkey hen last winter, indicating she is alive and in motion.

Klossing, a Mount Pleasant native and Iowa State University biology and animal ecology major, is spending her summer as a seasonal technician for the Iowa Department of Natural Resources, tracking and monitoring turkey hens and their offspring, or poults, for a pilot study on downwardtrending turkey populations.

"It's not Iowa turkey populations," said Jim Coffey, a forest wildlife research biologist with the Iowa DNR. "It's Midwestern turkey populations. It's nationwide turkey populations, which means: Is there a bigger overall issue that biologists have to be looking

With the telemetry study, Iowa joins Missouri and Illinois in trying to solve the puzzle of what's driving the 30year trend.

"We've kind of seen this longterm decline in the number of poults being produced every year, so that's our major concern with this project," DNR wildlife research biologist Dan Kaminski said. "If we're seeing four poults for every hen, we're swimming in turkeys the next year. If we get below 2 1/2 poults per hen, we're talking about a population decline problem, and our numbers, and everywhere else in the Midwest, are about two poults

KINZER FAMILY PUBLIC AUCTION SATURDAY, AUGUST 28TH @ 9:00 AM

10301 COUNTY ROAD 6, EDON, OHIO 43518 This will be a large auction. Lester Kinzer farmed all his life and spent many hours in his shop, making repairs and fabricating. Farm equipment, many parts, tools, and a wide variety of treasures will be offered at this auction. We will run two rings, bring a friend and don't miss this auction. Online bidding will be available on the larger equipment, see the links for more details, pictures, and "equipment facts" online bidding platform@ www.

FARM EQUIPMENT: 2000 John Deere model 9550 Combine, 3223 engine hrs, 2581 separator hrs, 30.5x32 drive tires, 18.4x26 steer tires, well maintained, al-ways shedded, Serial# H09550W685506; **925 John Deere grain Platform**, poly snouts & skids. On home built cart. Serial# H00925F665906; 643 John Deere corn head, Serial# 19281 IH; 1981 John Deere 4840 diesel tractor, 8speed power shift, quick hitch & 3 remotes, recent head work & updated A/C, showing 2183hrs, good 20.8x38's, Serial # 013833RD; 1974 John Deere 4230 diese Tractor, Quad range transmission, 2 remotes, 540 pto, 18.4x34 new rears & axle duals. Showing 5790 hrs, Serial# 016615R; International 606 Gas wide front utility tractor with New Idea loader 4800 hrs, good rubber. John Deere 3020 diesel, wide front, showing 4862 hrs, single remote 540 pto, 15.5x38 rears, nice canopy. Serial # 106715R; John Deere model 400 hydro garden tractor, newer Kawasaki engine. Serial # 192659 with deck & Misc attachments; John Deere 15' Model 1560 no-till grain drill with dolly wheels markers, seed monitor, 7.5' spacing; 1998 Chevy 3500 pickup 4x4 with newer motor low miles; 1981 International \$2500 truck tractor 350HP Cummins diesel & 8speed road ranger ternation 2530 that radiation of bottmin isses at object load target trans. Good 11R x 22.5s all around. 1998 Timpte Super Hopper grain trailer 33' double hopper and new roll tarp. 11R X 22.5 tires trailer in great condition; Woods Model BW180 mower 15' 540 ptc; John Deere model 7000 conservation corn planter, liquid fertilizer, Yetter openers, Insecticide boxes & heavy down ressure: International model 5100 sovbean special end wheel grain drill, 21 run double disc openers; **Degelman Model 10STD** series 34 dozer blade, with 2' extension. Mounting set up for 4840 JD; **Krause Model 1922 series 6074** 20' hydraulic fold tandem disc, 8'spacing & 3 bar harrow; Glenco 9 shank Disc Chisel with leveling bar; (2) 14' Brillion packers 4" axle & one has long tongue, (2) 5' Brillion packer Pups; **McCurdy gravity box** on John Deere 1064 gear, wi 14' poly seed auger; 14' Flat bed seed wagon with steel sides; **30' Monon** single axle flat bottom grain wagon, 5' side boards; 14' flat bed seed wagon on Kill Bros. 1072 gear (l0ton); Kill Bros. model 450 center dump grain wagon on kory model 8278 gear; McCurdy gravity box on John Deere 1064 gear, 10 x 20 tires; Unverferth 18" spike Harrogator like new condition; John Deere 20' Field cultivator w/ 3bar harrow; John Deere Model 2500 semi mount plow 5 bottom hydraulic reset: John Deere 15' model 400 3pt rotary hoe: John Deere model 8MI pull type box scraper; John Deere RG10 6 row 3pt crop cultivator John Deere quick hitches; JD tractor weights; Hydraulic cylinder; Spare tires for trucks, wagons, tractors, & many good take off tires & wheels 15' 20" & 22.5's SHOP EQUIPMENT & TOOLS: Coats 30-30 tire changer; 3phase Bridgeport mill, power table; 110v Clausing Lathe 4' bed way; (2) flat belt Milwaukee drill presses; Cincinnati 20" drill press; (2) torch sets & extra tanks; Heavy floor mount parts grinders; Lincoln 225 arc welder; Miller Matic 250 wire welder; Miller Spectrum 375 olasma cutter; Maxus 7hp 60 gallon air compressor; ESAB Mig Master 250 wire welder; Carolina 30ton shop press; A frame & trolley for shop hoist; Lagre parts bins; Pallet Jack; Shop fan; Makita table saw; (3) Wagner airless power painters; Several Craftsman tool chest sets; Snap on tool chest; Pipe Clamps; Burndy air crimp tool with dies: Country Hearth wood stove: Chains & Chain binders: Tire chains; Drywall screw guns: Cables, ropes & come a longs; Construction grade lead cords; Hammers & Sledges; Chop saws; Spray paint guns; Routers; Honda powered pressure washer; Many vise grips; Many Craftsman & assorted tools; Socket sets; Channel Locks; Screw drivers; gear pullers; Pipe wrenches; Bubble tire balancer; Many parts bins full of bearings, fittings, bolts and miscellaneous parts. ANTIQUES AND COLLECTIBLES: Oldsmobile Service sign; Bush Hog garden ractors; Speed Queen washing machines, Metal kitchen sink base; Wooder kitchen cabinet; white Mountain Ice cream maker; Planet Jr planter; Cast Iron skillets; Cast Iron toys; Vintage bottles; Collection of Spurs; Southwestern Paintings & prints; Vintage branding irons; Alladin lamps; McCormick Deering cream or; Tony Lama boots & Moccasins; Cabinet tube type Radio & more! TERMS: Cash or good check with proper ID, Credit cards accepted with a 4% convenience fee applied

OWNERS; EMMA KINZER & FAMILY MEMBERS. Auctioneers: Bert Brown, Shane Sumner; Wyatt Zulch



What's causing the decline in poult production? That's what Kaminski, Coffey, Klossing, and other biologists in Iowa, Missouri and Illinois are trying to determine.

Each of the three states has focused its studies on specific factors, though none are ruling out other causes. Illinois is examining the impact of black flies, while Missouri is looking into the possibility of increased predatorrelated mortality among turkeys. Iowa is looking at whether disease is to blame.

"With our focus on disease, that's not us saying that we think predation isn't part of the issue," Kaminski said. "Turkeys have evolved with raccoons. They've evolved with bobcats. They've evolved with all of these other critters on the landscape. But beyond that, we've got new things showing up like this LPDV that we don't know exactly what the impact is going to be on wild birds, and that's what we're really trying to answer with our piece of the puzzle."

LPDV. or Lymphoproliferative Disease virus, is a Middle Eastern poultry disease that can cause cancer and external issues that can impact eating and vision. It does not infect humans.

The first cases of LPDV in the United States were detected in New York in 2009. The virus since has made its way to the Midwest, and it has been found in turkeys throughout Iowa, Coffey said.

Coffey, with the help of a student at ISU, has been studying LPDV in Iowa for the past couple of years.

"We were actually hoping when we started the study that we would find no LPDV and then we could rule that out as one of the variables," Coffey said. "There's very little known about it because it's been considered a domestic turkey disease, and so there's not much understanding of what it would mean in wild populations."

Coffey said the concern with the LPDV is not cancer, as most turkeys don't live long enough to develop cancer, but other possible impacts, such as whether it can cause decreased egg and poult production by preventing infected hens from doing what they need to keep themselves healthy and whether it makes them more vulnerable to predators.

In January and February, DNR biologists convened in areas of southern Iowa featuring a mix of farmland, forest and grassland that, despite being an ideal turkey habitat, has seen a decline in turkey populations.

Using net rocket launchers, they caught nearly 30 turkeys, taking blood samples and oral and cloacal swabs from each. Those samples were used for genetic sequencing for viral, bacterial and fungal markers.

"That will tell us a whole suite of diseases they are either carrying or were exposed to," Kaminski said.

But the study seeks to go beyond disease detection to determine nesting behavior, poult production and poult success rates, as well as mortality, meaning further observation is needed.

Twenty-four hens then were equipped with GPS transmitter backpacks, paid for with grant money from ISU, and released back into the

Satellites pinged the locations of each of those turkeys several times a day, with each turkey's location showing up as a different colored dot on Kaminski's screen.

(Decline continued on page 14B)

Decline

FROM PAGE 13B

If a hen has been stagnant for 16 hours, a mortality alert is sent to Kaminski via email.

This does not always mean the hen has died, however. Klossing explained that on rainy days, hens may stay in one spot for an extended period of time to conserve energy. It's up to her to make that call.

'This is the art of the science," Coffey said. "We rely on the technology to reduce our cost, because we can monitor from satellites, but a satellite can't do what Brier can do, which is determine, is that bird actually nesting or is that bird dead? And can I go in and look at it or do I back off a day because it's raining? And I make a determination that that bird's just sitting tight on that nest, because we don't want to spook that bird off that nest."

In early summer, dots of the same color grew closer together, indicating the hen was nesting.

"You'll see this spread of points around the forest or around the landscape and then one day they'll just lock down and you'll start seeing all these points hitting in one spot and you know the bird is starting to incubate," Kaminski said. "So from there, we can kind of look and see 26 to 31 days, this bird's going to hatch its nest, and then one day after 26 to 31 days, you'll see that point move, and that's the indication that we'll want to come in and try to trap the poults."

When the GPS signals indicated the hen moved outside of that cluster within the 26- to 31-day time frame, Klossing would head toward the location of a suspected hatch, navigating the terrain in search of the hen before launching a team to the

"From there, you try to be as stealthy as possible and bring the team or at least a few people to try to get up to her close enough so that you could ideally flush her away from the poults and the poults would stay there so that we could collect the data and put on the

Maine U.S. senator wants government to buy U.S. flowers

BRUNSWICK, Maine (AP) Maine's independent senator is joining a push to call on the federal government to only procure flowers grown in the United States.

Sen. Angus King said the "American Grown Act" would require the office of the president as well as the U.S. Department of Defense and U.S. Department of State to only procure cut flowers and cut greens grown in America. King said the "vast majority" of flowers currently purchased by the government are foreign grown.

King said the bill would be helpful in part because the U.S. flower industry was hit hard by the coronavirus pandemic. He's working on the flower proposal with a bipartisan group of lawmakers from Alaska and California.

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transmitters," Klossing said.

But catching poults can be difficult. They're fast and tend to stick close to their mothers. Ultimately, only two were equipped with transmitters. One came from a brood of four poults while the other was the only one in its nest.

Turkeys lay an average of 11 or 12 eggs per clutch, Coffey explained, but there's no guarantee that all of them will hatch. From there, mortality occurs in about 70% of the brood due to predators and other factors, such as weather and habitat loss.

"These species are highly susceptible to major rainfall," Coffey said. "Actually, in drought years are when we see turkey production go up."

Kaminski hopes to be able to continue studying the same birds next

The study will need to continue for several years to collect reliable data and determine the cause of the trend, and Coffey noted changes to Iowa's landscape and human disruption cannot be discounted.

"Humans have an impact on the landscape in the decisions that we make in how we use that landscape, so turkeys have to adapt to that changing landscape, and we know that Iowa has become a more urban state than it has ever been," Coffey said. "Other places in the United States have changed their landscape, and we might be seeing that impact 30 years later."

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MOWER; INT. 695 TRACTOR W/ROPS; JD 2640 TRACTOR: FORD 3415 TRACTOR. 2 WD; KRONE 150 4X4 ROUND BALER, STRING TIE: NH BC5070H SOUARE BALER: NH 310 SQUARE BALER: NH 790 CHOPPER: NH 890W FORAGE HAY HEAD; NH SUPER 717 ONE ROW CHOPPER & GRASS HEAD; 3-GEHL SILAGE WAGON, MODEL BU710, BU85, BU700; JD 450 HYDRAULIC PUSH MANURE SPREADER W/END GATE; JD 400 GRINDER MIXER: NH H7230 DISCBINE: WOODS RD990X ROTARY

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PRIDE PALLET FORKS; LAND PRIDE GRADER BLADE; WOODS M2560 ZERO TURN MOWER; baxlatractor.com WE ARE STILL TAKING CONSIGNMENTS! ITEMS MAY BE CONSIGNED UP TO THE DAY OF AUCTION! Items will be kept behind chain link fence for security; Consign & bring items early to be on display for buyers to view! Tractors will be offered throughout the day in the

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Spaulding

FROM PAGE 12B

Sept. 30.

- December GBA Pheasant, open Sept. 27 - Oct. 31.

Put-and-take hunt pheasant spots will be available for purchase starting Sept. 3 at 7 a.m. ET and remain open until filled. Participating Fish & Wildlife areas (FWAs) include Atterbury, Glendale, J.E. Roush Lake, Pigeon River, Tri-County, Willow Slough and Winamac. A per-person fee of \$30 for each slot is required.

Please note only one application per hunt is allowed. No changes may be made once an application is submitted. The application process is consolidated into the license system website along with CheckIN Game and HIP registration. An online account is not required to apply, but a Customer ID number is needed.

In the system, hunts without a registration fee follow the same process as those with a fee. To register for hunts with no fee required, applicants will still be asked to "Add to Cart," "Proceed to Checkout," and

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"Place Order." If the transaction total is \$0, the applicant will not be asked to enter credit card information. Applicants must place an order to submit their application.

To view draw results, applicants can log into their license system account or click "View Hunt Draw Results" at on.IN.gov/reservedhunt. From there, applicants should select "Click Here" under Reserved Hunts to see the status of registered hunts. The link will only show upcoming hunts an individual has registered for. Logging into an account online is required to see the full history of past hunt registrations.

For more information on the hunts, including how many partners you may bring per hunt as well as hunt dates, see on.IN.gov/reservedhunt.

Juvenile injured in ORV accident

Indiana Conservation Officers are investigating an off-road vehicle (ORV) accident injuring a young boy. The accident occurred on private property in the 3800 block of West U.S. Highway 50. Initial investigation showed the 7-year-old operator lost control of the machine and struck a

He was taken to St. Vincent Hospital in North Vernon and later transported to Riley Hospital in Indianapolis for facial and abdominal injuries. He was wearing a helmet during the accident.

For more information on ORV laws and safe operating procedures, see https://www.offroad-ed.com/in/ handbook/ and https://www.in.gov/ dnr/outdoor/4431.htm

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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Join us for the first Mid-**Ohio miniature Hereford** Online Sale. The sale opens on September 1 at 9:00 am. Sale will begin closing on September 4 at 5:00pm.

Cattle will be available for preview on September 3rd from 4:00pm to 7:00pm & September 4th at noon to 5:00 pm

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