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Ag-related jobs for college grads expected to increase over 5 years

By Michele F. Mihaljevich
Indiana Correspondent

WEST LAFAYETTE – Nearly 105,000 job openings in agriculture and related fields are forecast for new college graduates annually over the next five years, according to a recent report from the USDA's National Institute of Food and Agriculture and Purdue University's College of Agriculture.

The report looked at job openings in food, agriculture, renewable natural resources and the environment (FARNRE) from 2025 to 2030. The average of 104,766 openings annually through 2030 is higher than the 59,400 openings reported in the last study, which covered 2020-2025.

Three reasons for the additional job openings in the most recent study are noted in the report. "A more rigorous approach to determining FARNRE job openings; the inclusion of associate degree holders in this study; and the inclusion of some jobs open to those with a high school degree," the report said. "We estimate that 90 percent of these positions will require at least an associate degree, with the other 10 percent open to those without a degree."

Of the annual job openings, an average of 42,855 will be in business and management, which the report said includes jobs throughout all stages of the food and agriculture value chain, from agricultural inputs and production to food wholesaling and distribution, including the management of renewable natural resources.

"Demand will remain particularly strong for general managers, operations leaders, financial analysts and risk managers as firms adapt to the

ever-changing FARNRE economic environment," the report said. "Technical sales and service specialists will continue to see favorable prospects, especially where solutions combine equipment, inputs and digital tools. Employers also seek managers who have strong data management and analytics skills to improve decision making."

For science and engineering, an average of 22,298 annual jobs will be available. The report described the category as including the life, physical and social sciences and engineering occupations aligned with the production, transportation, processing and distribution of food and fiber.

"Agricultural, biological and environmental engineers, along with technicians in computer-based systems, sensing and GIS, will continue to be in strong demand as precision agriculture expands," the report said. "Food science and engineering graduates will find steady opportunities in food safety, processing and packaging, especially at the intersection of nutrition and human health. Employers are also prioritizing expertise in automation, robotics and artificial intelligence, reflecting the increasing integration of advanced technology into agricultural production systems and supply chain management."

The study said an average of 19,888 annual jobs would be available in education, communication and governmental services, which includes educators, communicators and public relations specialists in the public and private sectors. A range of positions are offered by local, state, national and international agencies.

The report noted its forecast of available governmental services jobs may be overly optimistic because the forecast doesn't include any impacts of the federal workforce reduction initiatives such as the 2025 Deferred Resignation Programs.

In food and biomaterials production, which includes occupations that focus on the production, operations, processing and logistics of commodities used in food or biomaterials, the study said an average of 19,725 annual jobs would be available.

Regionally, the Atlantic area of the country, which includes Kentucky and Tennessee, will have more than 30 percent of available jobs, while



Above: These newborn Holstein calves arrived just in time to celebrate Christmas. Photo by Leondia Walchle

Illinois Farm Economics Summit looks at USDA cattle projections

By TIM ALEXANDER
Illinois Correspondent

EAST PEORIA, Ill. – The USDA is projecting year-over-year increases in the U.S. beef cow herd through the next decade. How and why the USDA arrived at their conclusion was a topic of discussion during the Illinois Farm Economics Summit, Dec. 16 in East Peoria.

"Here in 2025, we have about the same amount of cattle in the beef herd as we had in the 1960s," said Brittney Goodrich, assistant professor in the Department of Agricultural and Consumer Economics at the University of Illinois. Goodrich noted that cattle herd inventories have historically run in 10-to-12-year cycles and are primarily responsive to incentives on behalf of beef producers responding to cattle prices.

"As prices increase producers see there is more opportunity to make profit going forward, so they start increasing their cattle inventories. Because of that we see decreasing harvest numbers. Because cattle take a while to produce, prices eventually start falling (but) you're still seeing the cattle inventory increasing over time. Eventually we get to the point where we top out that inventory, and the prices start falling. We then start to see our cattle inventory falling as well," she said.

U.S. cattle producers are currently in a position in the cattle cycle where herd rebuilding is beginning to ramp up in response to historically high prices, according to Goodrich. "But there are issues, particularly from drought, and with a lot of other uncertainties going on in the beef market," she said.

Drought liquidation ramped up in the U.S. beef cattle herd in 2022, leading to historically high cattle prices and, in turn, retail beef prices. Since

then, cattle ranchers have faced several additional challenges in trying to rebuild the cattle herd, including high input prices and a labor force shortage.

However, the USDA is projecting year-over-year growth in the U.S. beef herd from 2026 through 2035, Goodrich reported. "We're expected to see a decrease between January 2025 and January of this coming year, then the USDA is projecting that herd expansion will begin happening between 2026 and 2027," she said.


Feeder steer prices, which have increased drastically, will begin to recede in 2026, the USDA predicts. "Prices will top out and will start to slowly fall, but they are still pretty high historically so there is still that incentive to increase herd size," Goodrich said. "The WASDE report that came out (on Dec. 9) had fed steer prices a little lower than previous projections. A lot of our cattle prices are reported out of Oklahoma, and Illinois prices do track with what happens in bigger cattle producing states. Monthly prices from Illinois auctions (show that) record high prices earlier in the fall have dropped off, leading us to wonder if this is a time when prices are going to bottom out again."

"I kind of view this as being somewhat of a market correction, but we always see seasonality in feeder cattle prices because there are more feeder cattle on the market in the fall. We typically do see this downward trend in prices, so I am not particularly alarmed."

The million-dollar question is whether producers are, indeed, entering a cycle of herd expansion. In true economists' fashion, Goodrich deftly

(See Ag jobs on page 4)


(See Cattle on page 2)

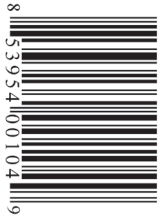


Kentucky farmer turns down \$8 million from data center
..... Page 1B

In this Farm World:

MSU honors soil heroes for environmental practices.....
Page 9B





Cattle

FROM PAGE 1

dodged a direct answer.

“There is conflicting evidence either way. Beef heifers intended for herd replacement in January and July are still on a downward trajectory, but with our herd size low we would expect these numbers to be low, so this is not the best indicator as to whether our herd will be expanding,” she said. Conversely, with fewer hogs and heifers being slaughtered since 2023 after a several year decrease in slaughter numbers, it could be argued that more cattle are being held back for herd expansion, she explained.

“This indicates modest evidence we might be expanding our herd size, but it’s not happening rapidly by any means. Another way to look at this is the percentage of land in drought-like conditions. When you have years of very high percentages of land in drought, you have the annual change in the beef herd being significantly negative. When we have less drought the U.S. beef herd expands over time. While we are not yet seeing an expansion of the herd yet, we are seeing less of a decrease in the herd size even though drought conditions have persisted in many areas. This is another

Right: Brittney Goodrich, an ag economist and assistant professor at the University of Illinois, said the USDA is predicting a slow decrease in beef cattle prices beginning around 2028. She spoke during the Illinois Farm Economics Summit, Dec. 16 in East Peoria. (T. Alexander photo)

modest indicator that the herd may be expanding.”

At the time of Goodrich’s presentation, the beef industry was still assessing the potential impacts of the announced closures of a large Tyson Foods beef packing plant in Lexington, Neb., and a JBS beef processing plant in California. Barring no major disruptions to the supply chain, the U of I agricultural economist sees the 12-year beef cycle continuing to progress just as USDA predicts.

“Eventually the cattle cycle will play out, so we will see herd sizes build and eventually prices will decrease on average. USDA is predicting (this will happen in) either 2028 or 2029 but again, those prices are still going to be very high because our herd is so low,” Goodrich said.

Goodrich’s Farm Economics Summit presentation slides and graphs may be viewed at: https://farmdoc.illinois.edu/wp-content/uploads/2025/12/BrittneyGoodrich_IFES2025.pdf.





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2012 JD 8335RT, PS, 6400 HRS
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2013 JD 7280R, IVT, TLS, 2000 HRS
2015 JD 7230R, IVT, TLS, LDR, GUIDANCE, 2200 HRS
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2008 JD 6330, CAH, PQ, MFD, LDR, 1200 HRS
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2003 JD 6415, CAH, 2WD, 3100 HRS
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1984 JD 4450, PS, MFD, 4000 HRS
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(2) 2015 INTERNATIONAL PROSTAR CUMMINS ISX15 400HP ENGINE BRAKE 10SPD AIR RIDE SUSPENSION P/S A/C POWER WINDOWS & LOCKS HEATED/POWER MIRRORS 175WB 8 NEW CAPS REAR 11X22.5 ALUMINUM WHEELS FRONT **408,922 & 429,835 MILES \$26,500 EA**



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Ag jobs

FROM PAGE 1

the west will have about 25 percent, the study found. The Midwest will have about 19 percent, the Plains nearly 14 percent, and the south almost 12 percent.

The study also looked at the number of college graduates from 2025 to 2030. The number of new college graduates – including those with associate degrees – annually seeking employment opportunities in FARNRE jobs will remain strong, according to the report.

Graduates from associate, baccalaureate and postgraduate/professional degree programs in FARNRE fields will fill 50,057 of the available positions annually. Graduates with allied degrees – degree specializations offered by public and private nonprofit higher education programs in biological sciences, engineering, health sciences, business, communication, etc. – will account for 24.6 percent of the annual new graduate supply pool, the report said.

“To fill the total 104,766 FARNRE jobs available, an additional 28,907 other graduates will be needed annually. About 10,477 of these 28,907 positions will be filled by individuals without a degree,” the report said. “The remaining 18,430 positions will need to be filled by additional allied majors or graduates from majors

outside those in the allied category in order to meet total FARNRE demand.”

Bonnie Johnson, marketing & communications manager for AgCareers.com, said employers have indicated their No. 1 recruiting difficulty was that applicants lacked required skills, followed by a lack of experience. AgCareers is compiling its new 2025-2026 Agriculture & Food HR Review, a survey of industry employers about their hiring practices, she said.

“Employers were asked which roles they struggle to fill, and skilled/technical trades and production/labor-intensive roles were the most difficult to fill,” Johnson told Farm World. “Regarding the types of careers employers are hiring, ag technology is consistently hiring and growing, continually evolving in response to new developments and technological advancements. This technology encompasses anything related to computers, equipment and processes, from artificial intelligence and drones to robots and software. We expect growth in any career tied to computers, IT or technology.

“There is also strong hiring in STEM (science, technology, engineering, math) fields, including engineering, science, data analysis and research. The demand for skilled trades is growing as experienced tradespeople retire.”

The report may be viewed at www.purdue.edu/usda/employment/.

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Lack of Chinese demand cited as a cause of lower US soybean exports

Several analysts have pointed out how U.S. soybean exports are well below last year, but fail to mention that soybean supplies are also down. Current U.S. soybean exports are down 46 percent from last year, mainly from an absence of Chinese demand. China has now returned to the U.S. export market though, and

demand is picking up. The USDA is already expecting 240 million bu fewer exports than a year ago in balance sheets from a smaller soybean supply, so a slow start to China's program is factored into values. Between old crop ending stocks and this year's production, the U.S. had a soybean supply to start the mar-

keting year that was down 154 mbu from last year. At the same time, the USDA is predicting a 110 mbu increase in crush from last year. Even with a sluggish start to the soybean export program, the bottom line is ending stocks are down from last year and in a rationing position, regardless of exports being slower than a year ago.

Quality is becoming more of a factor in global commodity trade, and this is favoring the U.S. China recently rejected Brazil soybeans after detecting pesticide in incoming vessels. China also found wheat in Brazil soybean imports. Recent reports also indicate some of the Argentine soybean sales it has to China have shifted to U.S. origination with quality being an issue there as well. What trade is most interested in is if China starts importing corn to blend with their domestic crop which has low quality due to late growing season rains.

Corn futures are starting to find more support from the global market, primarily the strength we have seen in the Chinese market. China's minister of ag has reported the country produced a bumper grain crop this year, but data indicates otherwise. Corn values in China have ral-

lied to record values as available stocks are minimal. Port stocks in Northern China are reported at 1.2 million metric tons, well below last year's 3.4 mmt. Chinese corn processors report corn inventories from 12- to 20-day supplies. Farmers in China that do have corn to sell are waiting for higher values and this is generating the tight stocks, as is the low quality of what corn is available.

More attention is being given to South American weather as those countries growing seasons get underway. At the present time, conditions are mostly favorable but being closely monitored. Northern Brazil is reportedly seeing good rainfall which has slowed fieldwork but been a great benefit to crops. Central Brazil is drier, as is Paraguay, but both have adequate soil moisture for now. If rain does not develop soon, this will become a worry spot. Soils have started to dry out in Argentina, but right now this is needed to finish planting. While the majority of South America has the potential for large crops, any missed rains and this could change quickly.

We are seeing more estimates released for Brazil corn and soybean crops with lower numbers. Brazil's initial soybean crop estimates were



MARKET ANALYSIS
By Karl Setzer

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(Setzer continued on page 9)

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MARKETS

Blue Grass Stockyards Lexington, KY

Livestock Weighted Average Report for 12/15/2025 - Final			
AUCTION			
	This Week	Last Reported	Last Year
	12/8/2025		
Total Receipts:	624	2,747	1,283
Feeder Cattle:	578(92.6%)	2,631(95.8%)	1,081(84.3%)
Slaughter Cattle:	44(7.1%)	112(4.1%)	193(15.0%)
Replacement Cattle:	2(0.3%)	4(0.1%)	9(0.7%)

Special Note: **Blue Grass Stockyards Lexington will be closed 12/22/25 to 1/2/26 for CHRISTMAS and NEW YEAR Holiday ***

Beef Calf: 400.00 per/head

Compared to last Monday the feeder market was mostly steady with a good quality offering. Good quality feeder steers and heifers 600 lbs and under were mostly steady with a limited supply and good demand for weaned and value added packages and groups. Yearlings appeared steady as well but with limited comparisons. Buyers were active and willing to pay premiums for quality, while discounting plainer and off colored calves severely. Slaughter cows were steady to 2.00 higher with a good supply and no trends on slaughter bulls due to a light test. Supply included: 93% Feeder Cattle (42% Steers, 0% Dairy Steers, 54% Heifers, 4% Bulls); 7% Slaughter Cattle (5% Steers, 2% Heifers, 88% Cows, 5% Bulls); 0% Replacement Cattle (67% Stock Cows, 33% Cow-Calf Pairs). Feeder cattle supply over 600 lbs was 80%.

Groups of 20 Head or More

STEERS	HEIFERS
442 80% Black 750 lbs 340.50	43 Black/BWF 646 lbs 342.75
63 Black/BWF 788 lbs 346.00	27 Black/BWF 668 lbs 343.00
59 Black/1CHRX 926 lbs 324.75	39 Black/1CHRX 760 lbs 311.50
	60 Black/1CHRX 859

FEEDER CATTLE

STEERS - Medium and Large 1-2 (Per Cwt / Actual Wt)					
Head	Wt Range	Avg Wt	Price Range	Avg Price	
4	346	346	497.50	497.50	Fancy
2	422	422	396.00	396.00	
1	415	415	458.00	458.00	Fancy
8	510-542	538	373.00-392.00	389.75	
4	520	520	397.50-400.00	398.75	Value Added
5	550-587	573	377.50-384.00	380.87	
2	605-610	608	364.00	364.00	
8	608	608	382.00	382.00	Value Added
5	650-695	685	335.00-350.00	338.86	
1	715	715	321.00	321.00	
4	768	768	310.00	310.00	
105	750-788	773	340.50-346.00	343.86	Value Added
1	845	845	305.00	305.00	
59	926	926	324.75	324.75	Value Added
8	997	997	304.00	304.00	
2	1025-1040	1033	286.00-305.00	295.57	

STEERS - Medium and Large 2 (Per Cwt / Actual Wt)					
Head	Wt Range	Avg Wt	Price Range	Avg Price	
2	452	452	341.00	341.00	
1	515	515	301.00	301.00	
1	550	550	300.00	300.00	
3	605-610	608	300.00-320.00	312.53	
2	660-665	663	295.00-313.00	303.97	
1	905	905	284.00	284.00	

STEERS - Medium and Large 2-3 (Per Cwt / Actual Wt)					
Head	Wt Range	Avg Wt	Price Range	Avg Price	
1	745	745	257.50	257.50	

STEERS - Medium 1-2 (Per Cwt / Actual Wt)					
Head	Wt Range	Avg Wt	Price Range	Avg Price	
1	550	550	275.00	275.00	

DAIRY STEERS - Large 3 (Per Cwt / Actual Wt)					
Head	Wt Range	Avg Wt	Price Range	Avg Price	
1	825	825	200.00	200.00	

HEIFERS - Medium and Large 1-2 (Per Cwt / Actual Wt)					
Head	Wt Range	Avg Wt	Price Range	Avg Price	
1	335	335	380.00	380.00	
3	378	378	400.00	400.00	Fancy
6	410-440	435	375.00-380.00	376.69	
6	407-440	418	395.00-417.50	409.61	Fancy
2	475	475	377.00	377.00	
4	533	533	360.00	360.00	
31	558-599	583	355.00-360.00	357.60	
2	600	600	320.00-347.00	333.50	
54	624-646	642	341.00-342.75	342.40	Value Added
7	675-685	679	320.00-331.00	325.50	
27	668	668	343.00	343.00	Value Added
17	720	720	320.00	320.00	Guaranteed Open
46	760-781	763	311.50-321.00	312.98	Guaranteed Open
1	890	890	289.00	289.00	

66	859-862	859	303.00-304.50	304.36	Value Added
5	981	981	273.00	273.00	Guaranteed Open
3	1031	1031	287.00	287.00	Guaranteed Open

HEIFERS - Medium and Large 2 (Per Cwt / Actual Wt)					
Head	Wt Range	Avg Wt	Price Range	Avg Price	
1	350	350	330.00	330.00	
2	510-540	525	320.00-327.50	323.86	
4	550-560	553	321.00-322.50	322.12	
4	600-645	623	287.50-295.00	289.99	
3	675-690	682	230.00-297.50	274.21	
1	705	705	281.00	281.00	
1	1055	1055	232.50	232.50	

HEIFERS - Medium and Large 2-3 (Per Cwt / Actual Wt)					
Head	Wt Range	Avg Wt	Price Range	Avg Price	
1	425	425	275.00	275.00	
1	490	490	300.00	300.00	

HEIFERS - Medium 1-2 (Per Cwt / Actual Wt)					
Head	Wt Range	Avg Wt	Price Range	Avg Price	
1	810	810	200.00	200.00	

BULLS - Medium and Large 1-2 (Per Cwt / Actual Wt)					
Head	Wt Range	Avg Wt	Price Range	Avg Price	
1	385	385	410.00	410.00	
1	420	420	400.00	400.00	
6	435	435	446.00	446.00	Fancy
1	560	560	353.00	353.00	
2	665-670	668	285.00-295.00	289.98	
1	720	720	263.00	263.00	
2	777	777	267.50	267.50	

BULLS - Medium and Large 2 (Per Cwt / Actual Wt)					
Head	Wt Range	Avg Wt	Price Range	Avg Price	
2	465-495	480	330.00-357.50	344.18	
3	515-520	518	300.00-312.50	307.49	
2	615-645	630	275.00-287.00	281.14	

BULLS - Medium and Large 2-3 (Per Cwt / Actual Wt)					
Head	Wt Range	Avg Wt	Price Range	Avg Price	
1	370	370	335.00	335.00	
1	465	465	272.50	272.50	

BULLS - Large 1-2 (Per Cwt / Actual Wt)					
Head	Wt Range	Avg Wt	Price Range	Avg Price	
1	630	630	274.00	274.000	

SLAUGHTER CATTLE

STEERS - Select and Choice 1-2 (Per Cwt / Actual Wt)					
Head	Wt Range	Avg Wt	Price Range	Avg Price	Dressing
2	1880-2190	2035	170.00-190.00	179.24	Average

HEIFERS - Choice 1-2 (Per Cwt / Actual Wt)					
Head	Wt Range	Avg Wt	Price Range	Avg Price	Dressing
1	1660	1660	177.00	177.00	Average

COWS - Breaker 75-80% (Per Cwt / Actual Wt)					
Head	Wt Range	Avg Wt	Price Range	Avg Price	Dressing
2	1415-1555	1485	167.00-171.00	168.91	Average
12	1325-1655	1507	175.00-188.00	181.28	High

COWS - Boner 80-85% (Per Cwt / Actual Wt)					
Head	Wt Range	Avg Wt	Price Range	Avg Price	Dressing
10	945-1250	1124	157.00-168.00	163.55	Average
3	1250-1365	1300	171.00-176.00	173.30	High
2	1175-1345	1260	147.00-152.00	149.67	Low

COWS - Lean 85-90% (Per Cwt / Actual Wt)					
Head	Wt Range	Avg Wt	Price Range	Avg Price	Dressing
1	1065	1065	139.00	139.00	Average
5	1065-1395	1214	153.00-165.00	158.57	High
2	760-975	868	121.00-127.00	124.37	Low

BULLS - 1-2 (Per Cwt / Actual Wt)					
Head	Wt Range	Avg Wt	Price Range	Avg Price	Dressing
2	1700-1940	1820	205.00-210.00	207.66	High

REPLACEMENT CATTLE

STOCK COWS - Medium and Large 1-2 (Per Cwt / Actual Wt)					
Age	Stage	Head	Wt Range	Avg Wt	Price Range
2-4	O	2	1020-1055	1038	175.00-187.50

COW-CALF PAIRS - Medium 1-2 w/ <150 lbs calf (Per Unit / Actual Wt)					
Age	Stage	Head	Wt Range	Avg Wt	Price Range
2-4	O	1	990	990	1500.00

2-4	O	1	990	990	1500.00

Please Note: The above USDA LPGMN price report is reflective of the majority of classes and 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)

Age - Numerical representation of age in years.

Source: USDA AMS Livestock, Poultry & Grain Market News
KY Dept of Ag Market News Richard Midden
Frankfort, KY | (502) 782-4138 | www.ams.usda.gov/lpgmn
https://mymarketnews.ams.usda.gov/
https://mymarketnews.ams.usda.gov/viewReport/2127

Weekly National Sheep Summary For Week Ending Friday, December 12, 2025

Weekly Trends: mpared to last week slaughter woolled and shorn lambs sold steady. Slaughter ewes sold firmer.

All sheep sold per hundred weight (CWT) unless otherwise specified.

Slaughter Lambs: Choice and Prime 1-3			
San Angelo:	60-70 lbs	330.00-355.00;	
	70-80 lbs	354.00;	80-90 lbs
	325.00;	90-100 lbs	300.00;
	110-120 lbs	246.00.	
New Holland:	90-100 lbs	340.00-360.00;	
	100-110 lbs	330.00-335.00;	
	110-120 lbs	300.00-325.00.	

Billings:	No test.
Ft. Collins:	70-80 lbs 295.00-315.00;
	80-90 lbs 280.00;
	90-100 lbs 265.00-290.00;
	100-110 lbs 250.00-275.00;
	110-120 lbs 235.00-245.00;
	120-130 lbs 237.50-255.00
	140-150 lbs 220.00-222.50;
	150-160 lbs 232.50-235.00.

Kalona:	50-60 lbs 410.00-440.00;
	60-70 lbs 325.00-430.00;
	70-80 lbs 375.00;
	80-90 lbs 280.00-330.00
	90-100 lbs 275.00-305.00.

Equity Coop:	120-130 lbs 239.00-239.50;
	140-150 lbs 233.50.

Sioux Falls:	80-90 lbs 310.00-325.00;
	90-100 lbs 250.00-295.00;
	100-110 lbs 264.00-285.00;
	110-120 lbs 230.00-250.00;
	120-130 lbs 236.00-241.00;
	130-140 lbs 228.00-238.00;
	140-150 lbs 227.50-235.00;
	150-160 lbs 227.00-237.00.

Buffalo, MO:	No test.
Missouri:	110-120 lbs 260.00;
	150-160 lbs 205.00.

Arkansas:	No test.
Equity Coop:	No test.
Slaughter Ewes: Good 2-3:	
San Angelo:	120.00-147.00.

New Holland: 120.00-145.00.

Billings: No test.

Ft. Collins: 122.50-145.00.

Kalona: 102.50-135.00.

Equity Coop: No test.

Sioux Falls: 90.00-125.00.

Buffalo, MO: No test.

Missouri: 147.50.

Feeder Lambs: Medium and Large 1:

San Angelo: No test.

Billings: No test.

Sioux Falls: 30-40 lbs 420.00;

50-60 lbs 425.00;

60-70 lbs 330.00;

70-80 lbs 325.00;

80-90 lbs 310.00-355.00.

Buffalo, MO No test.

Missouri: No test.

Ft. Collins: No test.

Kalona: No test.

Equity Coop: No test.

Arkansas: No test.

Replacement Ewes: Medium and Large 1-2:

MARKETS

Kentucky Daily Grain Bids

Grain Report for Thursday, December 18, 2025 - Final

FUTURE SETTLEMENTS							
Exchange	Commodity	Closing Settlement Prices (¢/bu) as of 12/18/2025					
CBOT	Corn	444.50 (Mar 26)	452.25 (May 26)	458.00 (Jul 26)	451.25 (Sep 26)	462.25 (Dec 26)	475.75 (Mar 27)
CBOT	Soybeans	1052.25 (Jan 26)	1062.00 (Mar 26)	1073.25 (May 26)	1085.00 (Jul 26)	1082.00 (Aug 26)	1066.75 (Sep 26)
CBOT	Wheat	507.75 (Mar 26)	518.75 (May 26)	529.75 (Jul 26)	543.75 (Sep 26)	562.00 (Dec 26)	578.50 (Mar 27)
CBOT	White Oats	297.25 (Mar 26)	304.50 (May 26)	309.75 (Jul 26)	313.75 (Sep 26)	324.50 (Dec 26)	328.00 (Mar 27)
KCBT	Wheat	517.00 (Mar 26)	529.25 (May 26)	541.75 (Jul 26)	556.75 (Sep 26)	576.25 (Dec 26)	592.25 (Mar 27)
MGE	Wheat	573.00 (Mar 26)	583.00 (May 26)	595.75 (Jul 26)	612.25 (Sep 26)	629.75 (Dec 26)	642.00 (Mar 27)

US #2 WHITE CORN (BULK)

Country Elevators - Conventional	Region/Location	Basic (¢/Bu)	Basis Change	Price (\$/Bu)	Price Change	Average
Pennyrile	50.00H to 180.00H		UNCH	4.9450-6.2450	UP 0.0400	5.5950

Barge Loading Elevators - Conventional	Region/Location	Basic (¢/Bu)	Basis Change	Price (\$/Bu)	Price Change	Average
Ohio River - Lower KY	185.00H		UNCH	6.2950	UP 0.0400	6.2950
Ohio River - Lower KY	50.00Z		UNCH	5.1225	UP 0.0175	5.1225
Purchase	170.00H		UNCH	6.1450	UP 0.0400	6.1450
Purchase	65.00Z		UNCH	5.2725	UP 0.0175	5.2725

US #2 YELLOW CORN (BULK)

Country Elevators - Conventional	Region/Location	Basic (¢/Bu)	Basis Change	Price (\$/Bu)	Price Change	Average
Purchase	10.00H		UNCH	4.5450	UP 0.0400	4.5450
Green River	15.00H		UNCH	4.5950	UP 0.0400	4.5950
Green River	-10.00Z		UNCH	4.5225	UP 0.0175	4.5225
Pennyrile	-5.00H to 10.00H		UNCH	4.3950-4.5450	UP 0.0400	4.4700
Pennyrile	-30.00Z to -15.00Z		UNCH	4.3225-4.4725	UP 0.0175	4.3858
Louisville	-8.00H		UNCH	4.3650	UP 0.0400	4.3650
Louisville	-8.00H		UNCH	4.3650	UP 0.0400	4.3650
Bluegrass	-20.00H		UNCH	4.2450	UP 0.0400	4.2450
Bluegrass	-45.00Z		UNCH	4.1725	UP 0.0175	4.1725

Barge Loading Elevators - Conventional	Region/Location	Basic (¢/Bu)	Basis Change	Price (\$/Bu)	Price Change	Average
Ohio River - Upper KY	-4.00H to -2.00H		UP 3.00-UP 2.00	4.4050-4.4250	UP 0.0700-UP 0.0600	4.4150
Ohio River - Upper KY	-30.00Z		UNCH	4.3225	UP 0.0175	4.3225
Ohio River - Lower KY	1.00H to 10.00H		UP 4.00-DN 2.00	4.4550-4.5450	UP 0.0800-UP 0.0200	4.5267
Ohio River - Lower KY	-35.00Z to -20.00Z		UNCH	4.2725-4.4225	UP 0.0175	4.3492
Purchase	1.00H to 18.00H		UP 4.00-UNCH	4.4550-4.6250	UP 0.0800-UP 0.0400	4.5425
Purchase	-35.00Z to -15.00U		UNCH	4.2725-4.3625	UP 0.0175-UP 0.0250	4.3258

US #2 SORGHUM (BULK)

Barge Loading Elevators - Conventional	Region/Location	Basic (¢/Bu)	Basis Change	Price (\$/Bu)	Price Change	Average
Ohio River - Lower KY	-90.00H		UNCH	3.5450	UP 0.0400	3.5450

US #1 SOYBEANS (BULK)

Country Elevators - Conventional	Region/Location	Basic (¢/Bu)	Basis Change	Price (\$/Bu)	Price Change	Average
Purchase	10.00F		UNCH	10.6225	DN 0.0600	10.6225
Purchase	15.00F		UNCH	10.6725	DN 0.0600	10.6725
Green River	-20.00F		UNCH	10.3225	DN 0.0600	10.3225
Green River	-20.00F		UNCH	10.3225	DN 0.0600	10.3225
Pennyrile	-30.00F to 20.00F		UNCH-UP 3.00	10.2225-10.7225	DN 0.0600-DN 0.0300	10.2939
Pennyrile	-25.00F to 27.00F		UNCH-UP 1.00	10.2725-10.7925	DN 0.0600-DN 0.0500	10.3539
Louisville	-65.00F		UNCH	9.8725	DN 0.0600	9.8725
Louisville	-65.00F		UNCH	9.8725	DN 0.0600	9.8725
Bluegrass	-45.00F		UNCH	10.0725	DN 0.0600	10.0725
Bluegrass	-40.00H		UNCH	10.2200	DN 0.0675	10.2200

Barge Loading Elevators - Conventional	Region/Location	Basic (¢/Bu)	Basis Change	Price (\$/Bu)	Price Change	Average
Ohio River - Upper KY	4.00F to 10.00F		UP 4.00	10.5625-10.6225	DN 0.0200	10.5925
Ohio River - Upper KY	13.00F to 16.00F		UNCH-UP 1.00	10.6525-10.6825	DN 0.0600-DN 0.0500	10.6675
Ohio River - Lower KY	5.00F to 27.00F		UP 1.00-UNCH	10.5725-10.7925	DN 0.0500-DN 0.0600	10.7025
Ohio River - Lower KY	19.00F to 35.00F		UP 3.00-DN 2.00	10.7125-10.8725	DN 0.0300-DN 0.0800	10.7875
Purchase	5.00F to 20.00F		UP 1.00-UP 2.00	10.5725-10.7225	DN 0.0500-DN 0.0400	10.6475
Purchase	15.00F to 32.00F		DN 1.00-UP 2.00	10.6725-10.8425	DN 0.0700-DN 0.0400	10.7675

US #1 MILLING SOFT RED WINTER WHEAT (BULK)

Country Elevators - Conventional	Region/Location	Basic (¢/Bu)	Basis Change	Price (\$/Bu)	Price Change	Average
Pennyrile	5.00H		UNCH	5.1275	UP 0.0150	5.1275
Pennyrile	10.00N		UNCH	5.3975	UP 0.0200	5.3975

US #2 SOFT RED WINTER WHEAT (BULK)

Country Elevators - Conventional	Region/Location	Basic (¢/Bu)	Basis Change	Price (\$/Bu)	Price Change	Average
Green River	-75.00N		UNCH	4.5475	UP 0.0200	4.5475
Pennyrile	-50.00H		UNCH	4.5775	UP 0.0150	4.5775
Pennyrile	-55.00N to -7.00N		UNCH-UP 1.00	4.7475-5.2275	UP 0.0200-UP 0.0300	4.9108
Louisville	-22.00H		UNCH	4.8575	UP 0.0150	4.8575
Louisville	-74.00N to -25.00N		UNCH	4.5575-5.0475	UP 0.0200	4.8025

Barge Loading Elevators - Conventional	Region/Location	Basic (¢/Bu)	Basis Change	Price (\$/Bu)	Price Change	Average
Ohio River - Upper KY	-35.00N		UNCH	4.9475	UP 0.0200	4.9475
Ohio River - Lower KY	10.00H		UNCH	5.1775	UP 0.0150	5.1775
Ohio River - Lower KY	-15.00N to -5.00N		UNCH	5.1475-5.2475	UP 0.0200	5.2055
Purchase	-8.00H to -20.00N		UNCH	4.9975-5.0975	UP 0.0150-UP 0.0200	5.0475
Purchase	-23.00N to -10.00N		UNCH	5.0675-5.1975	UP 0.0200	5.1275

Explanatory Notes: Price & Basis Values quoted are for Current Delivery, unless otherwise noted.
CBOT/KCBT/MGE Trade month symbols: F January; G February; H March; J April; K May; M June; N July; Q August; U September; V October; X November; Z December. FOB: Freight On Board. CIF: Cost, Insurance, and Freight. T: Truck, R: Rail, B: Barge, T/R: Truck/Rail, R/B: Rail/Barge, T/R/B: Truck/Rail/Barge, OV: Ocean Vessel

USDA AMS Livestock, Poultry & Grain Market News

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http://www.ams.usda.gov/lpgmm | https://mymarketnews.ams.usda.gov/ | https://mymarketnews.ams.usda.gov/viewReport/2892

Missouri Direct Hay Report
Direct Hay Weighted
Average Report
for week ending 12/19/2025

Feeding season is underway for most everyone at this point. Even with some snow not enough winter moisture to move the drought monitor in the correct direction. Currently 85 percent of the state is still highlighted in some stage of drought. Hay prices are doing what they typically do in a year where there is a surplus. Mid to lower quality hay is harder to move and prices are weak to lower, higher quality suitable for dairy or horse interest is harder to find and prices are steady. A big warm up forecast for Christmas week will be the gift for livestock producers this year as there shouldn't be any ice to chop or worries of gelled up tractors making one late for Christmas Dinner. The Missouri Department of Agriculture has a hay directory at https://apps.mda.mo.gov/haydirectory or visit the University of Missouri Extension feed stuff finder at https://feedstufffinder.org

HAY (Conventional)

Alfalfa - Supreme (Ask/Per Ton)	
Medium Square 3x3	250.00-300.00
Alfalfa - Supreme (Ask/Per Bale)	
Small Square	10.00-15.00
Alfalfa - Premium (Ask/Per Ton)	
Medium Square 3x3	175.00-225.00
Alfalfa - Good (Ask/Per Ton)	
Large Round	150.00-175.00
Alfalfa - Good (Ask/Per Bale)	
Small Square	6.00-10.00
Alfalfa - Fair (Ask/Per Ton)	
Large Round	125.00-150.00
Mixed Grass - Premium (Ask/Per Ton)	
Medium Square 3x3	150.00-200.00
Mixed Grass - Good/Premium (Ask/Per Ton)	
Large Round	100.00-150.00
Mixed Grass - Fair/Good (Ask/Per Ton)	
Large Round	75.00-125.00
Mixed Grass - Fair/Good (Ask/Per Bale)	
Small Square	3.00-7.00
Mixed Grass - Fair (Ask/Per Bale)	
Large Round	20.00-50.00.

STRAW (Conventional)

Wheat - (Ask/Per Bale)	
Small Square	4.00-7.00

Source: USDA AMS Livestock, Poultry & Grain Market News
https://mymarketnews.ams.usda.gov
https://mymarketnews.ams.usda.gov/viewReport/2929

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Weekly Combined Regional
Shell Egg Report

Report for: 12/07/2025 - 12/13/2025

National Shell Eggs - Caged					
Delivered Warehouse, White, Cents Per Dozen					
Class	Price Range	Average Price	Price Change	Last Reported (12/5/2025)	
Extra Large	185.00 - 209.00	198.13	-43.00	241.13	
Large	184.00 - 208.00	196.19	-43.00	239.19	
Medium	132.00 - 153.00	143.00	-26.00	169.00	

Midwest Shell Eggs - Caged					
Delivered Warehouse, White, Cents Per Dozen					
Class	Price Range	Average Price	Price Change	Last Reported (12/5/2025)	
Extra Large	185.00 - 194.00	189.50	-43.00	232.50	
Large	184.00 - 193.00	188.50	-43.00	231.50	
Medium	132.00 - 141.00	136.50	-26.00	162.50	

Delivered Store Door, White, Cents Per Dozen					
Class	Price Range	Average Price	Price Change	Last Reported (12/5/2025)	
Extra Large	192.00 - 200.00	196.00	-43.00	239.00	
Large	190.00 - 198.00	194.00	-43.00	237.00	
Medium	138.00 - 146.00	142.00	-26.00	168.00	

Paid to Producers - FOB, White, Cents Per Dozen					
Class	Price Range	Average Price	Price Change	Last Reported (12/5/2025)	
Large	166.00 - 176.00	171.00	-43.00	214.00	
Medium	114.00 - 118.00	116.00	-26.00	142.00	
Small	70.00 - 76.00	73.00	-10.00	83.00	

Northeast Shell Eggs - Caged					
Delivered Warehouse, White, Cents Per Dozen					
Class	Price Range	Average Price	Price Change	Last Reported (12/5/2025)	
Extra Large	189.00 - 203.00	196.00	-43.00	239.00	
Large	186.00 - 200.00	193.00	-43.00	236.00	
Medium	134.00 - 147.00	140.50	-26.00	166.50	


South Central Shell Eggs - Caged					
Delivered Warehouse, White, Cents Per Dozen					
Class	Price Range	Average Price	Price Change	Last Reported (12/5/2025)	
Extra Large	200.50 - 209.00	204.75	-43.00	247.75	
Large	199.50 - 208.00	203.75	-43.00	246.75	
Medium	144.50 - 153.00	148.75	-26.00	174.75	

Southeast Shell Eggs - Caged					
Delivered Warehouse, White, Cents Per Dozen					
Class	Price Range	Average Price	Price Change	Last Reported (12/5/2025)	
Extra Large	198.50 - 206.00	202.25	-43.00	245.25	
Large	196.00 - 203.00	199.50	-43.00	242.50	
Medium	142.50 - 150.00	146.25	-26.00	172.25	

Explanatory Notes: Prices to retailers, sales to volume buyers, white eggs in cartons.
Regional Breakdown: Midwest: IA, IL, IN, KY, MI, MN, OH, NE, ND, SD, WI, WV, Western NY, and Western PA. Northeast: CT, DC, DE, MA, MD, ME, NH, Eastern NJ, Eastern NY, Eastern PA, RI, Northern VA, and VT South Central: AR, AZ, CO, KS, LA, MO, NM, OK, and TX. Southeast: AL, FL, GA, MS, NC, SC, Eastern TN, and Southern VA.

Source: USDA AMS Livestock, Poultry & Grain Market News
General inquiries, please call: (202) 720-1990
or email: mymarketnews@usda.gov
https://mymarketnews.ams.usda.gov
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Market Report
December 17th 2025 32nd Auction
This Report is the Actual High and Average Prices.

	Hd. Ct.	High	Avg.
Fat Hogs:	N/A		
Sows:	N/A		
Boars:	N/A		
Feeder Pigs:	N/A		
Beef & X Veal #1:	25	\$1325	\$1226.40
Beef & X Veal #2:	14	\$800	\$389.29
Dairy Veal #1:	60	\$1250	\$1090.83
Dairy Veal #2:	12	\$800	\$399.58
Jersey Cross:	3	\$140	\$83
Beef Fdrs 200#-550#	21	\$2.30	\$1.41
Beef Fdrs 551#-1000#	1	\$2.02	\$2.02
Dairy Fdrs 200#-550#	40	\$1.35	\$.99
Dairy Fdrs 551#-1000#	N/A		
Cull Cows #1:	6	\$1.43	\$1.36
Cull Cows #2:	5	\$1.19	\$1.02
Fat Cattle Colored:	N/A		
Fat Cattle Holstein:	N/A		
Bulls:	N/A		
Cow/Calf Pair:	1	\$3025	\$3025
Breed Cows Colored:	N/A		
Milk Cows:	N/A		
Springers:	N/A		
Sheep Ram:	1	\$1.30	\$1.30
Sheep Ewe:	N/A		
Lamb 0-60:	N/A		
Lamb 61-85:	N/A		
Lamb 86-100:	N/A		
Goat Nannies :	N/A		
Goat Billys :	N/A		
Goat Wethers:	N/A		

Indiana farmer visits White House, meets with president

By Michele F. Mihaljevich
Indiana Correspondent

WASHINGTON, D.C. — During Tyler Everett’s first visit to the White House, he participated in an agriculture-focused roundtable discussion that included President Donald Trump and USDA Secretary Brooke Rollins. The meeting was Dec. 8, the day the president announced the Farmer Bridge Assistance (FBA) program.

“Being a part of the farm bridge payment announcement was a momentous experience,” recalled Everett, vice president of the Indiana Corn Growers Association. “But sitting at the cabinet table and then going into the Oval Office where some of the world’s most important and powerful people have sat, discussed and made deals that affect the world, felt surreal.”

The program will make \$12 billion available in one-time bridge payments to U.S. farmers impacted by temporary trade market disruptions and increased production costs, the USDA said. Of the \$12 billion, up to \$11 billion will be used for the FBA and will go to row crop farmers who produce such commodities as corn, soybeans, wheat and canola. The remaining \$1 billion will be used for commodities not covered in the program such as specialty crops and sugar, the agency said.

Rollins said farmers would receive FBA payments by Feb. 28, 2026. USDA said the payments are designed to aid farmers until investments from the One Big Beautiful Bill Act reach eligible farmers Oct. 1, 2026.

The roundtable included farmers from seven other states, including Iowa and Ohio. Everett said meeting Trump was an honor and privilege he would never forget. The president heard concerns from farmers on a variety of issues, Everett added.

“Some questioned if \$12 billion is enough,” he explained. “Twelve billion dollars is a lot of money but if (it) boils down to \$15-\$50 an acre for any one row crop, it will hardly put a dent in the money they’ve lost. The president really listened to all of the farmers and myself that were in the White House. Some of the farmers had concerns about water in Texas, some had concerns of rice being imported into Puerto Rico, and I had concerns on when year-round E15 would become reality.”

About 50 percent of Indiana’s corn goes into ethanol, Everett said. He spoke briefly to the president about supporting lawmakers who would sponsor a bill calling for E15 sales year round.

Everett said U.S. Sen. Deb Fischer (R-Neb.), who also attended the roundtable, “mentioned (to the president) that she was putting forth a bill that would enact year-round E15 sales. I told the president that policy groups have done all they can to promote and lobby for year-round E15 sales. It’s up to Congress now to act and get it passed to help America’s farmers.”

Trump also discussed expanding markets for U.S. commodities worldwide, Everett said.

“While he didn’t mention any specific steps, he did mention that they’re

constantly in negotiations with China and other powerful countries about buying more soybeans and more exports from the United States. He and Secretary Rollins also alluded to developing new markets in other countries where we may not export now.

“He knows that our products are far superior than all the other countries that produce exports like ours, and he wants to make sure they know that.”



Tyler Everett

Everett owns and operates Everett Farms and Seed with his father near Lebanon, Ind. They raise corn and soybeans.

He said he appreciated Rollins in-

cluding him in the roundtable.

“The president and Secretary Rollins have the farmers’ best interest in their hearts and will do whatever they can to help,” Everett said.

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2020 Freightliner Cascadia 125, Cummins ISX 400 hp, Ultrashift 10 Speed Automatic, Air Ride, Jake, Cruise, PDL, Susp. Dump, 178" WB, 3.36 RR, (10) Alum. Wheels on 295/75R22.5 Tires, AIS 5th Wheel, Down Exhaust, 534,830 Miles, F-3190 \$30,500

1998 Peterbilt 378 Tandem Axle Dump Truck, Detroit 60 Series, 500 hp Motor, Eaton 9 Speed Manual Transmission, Spring Ride, 236" WB, 3.90 RR, (10) Alum. Wheels on 11R22.5 Tires, 16"x62"x96" Gallon-Godwin Steel Bed, 20" Coal Chute, LED Lights, 1,224,865 Miles, F-3174 \$54,000

2026 East Genesis End Dump, 34' Frame, 33"x102"x64", Alum. Frame, Air Ride Susp., OverSlung Hinges, Mandoor, (8) Alum. Whls. On 11R22.5's, (2) Rows Of (8) Lights, 20" Grain Door w/Chute, Load Level Indicator, 3/8"x10" DuraPro Liner, Electric Shur-Lok Tarp (Black), Front Lift Axle, W-2700 \$98,000

2009 Stoughton Grain Hopper, 40'x68"x96", Air Ride Susp., Alum. Subframe, Ag Hoppers, (8) Alum. Wheels On 11R22.5 Tires, White Nose, Sides, & Rear Panels, Two Speed Hopper Doors, Two Speed Landing Gear, Front & Rear Ladders & Catwalks, Shur-Co Manual Roll Tarp, F-3218 \$21,950

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FROM PAGE 5

from 178 million metric ton and up from there. Recent weather has not been conducive to high yields in Brazil though, and analysts are now starting to walk back their projections. Several analysts now have the crop from 176 mmt to 177 mmt, close to the USDA's 175 mmt estimate. There are even outliers who have the crop at 171.98 mmt, putting it below last year's 172 mmt.

For Brazil's corn crop, analysts are now predicting a crop of 136 mmt, down 2 mmt from prior estimates. This is still well above the 131 mmt estimate from the USDA. A building concern in Brazil is that a large portion of the safrinha crop may be planted outside the window for optimum yields. One crop scout believes up to 30 percent of the safrinha crop may fall into this late planting. It is interesting to note that analysts are forecasting a Mato Grosso corn crop of 51.7 mmt, down 6.7 percent

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from last year despite an increase in planted acres. Unless Brazil starts seeing timely rains, these estimates will fall even further.

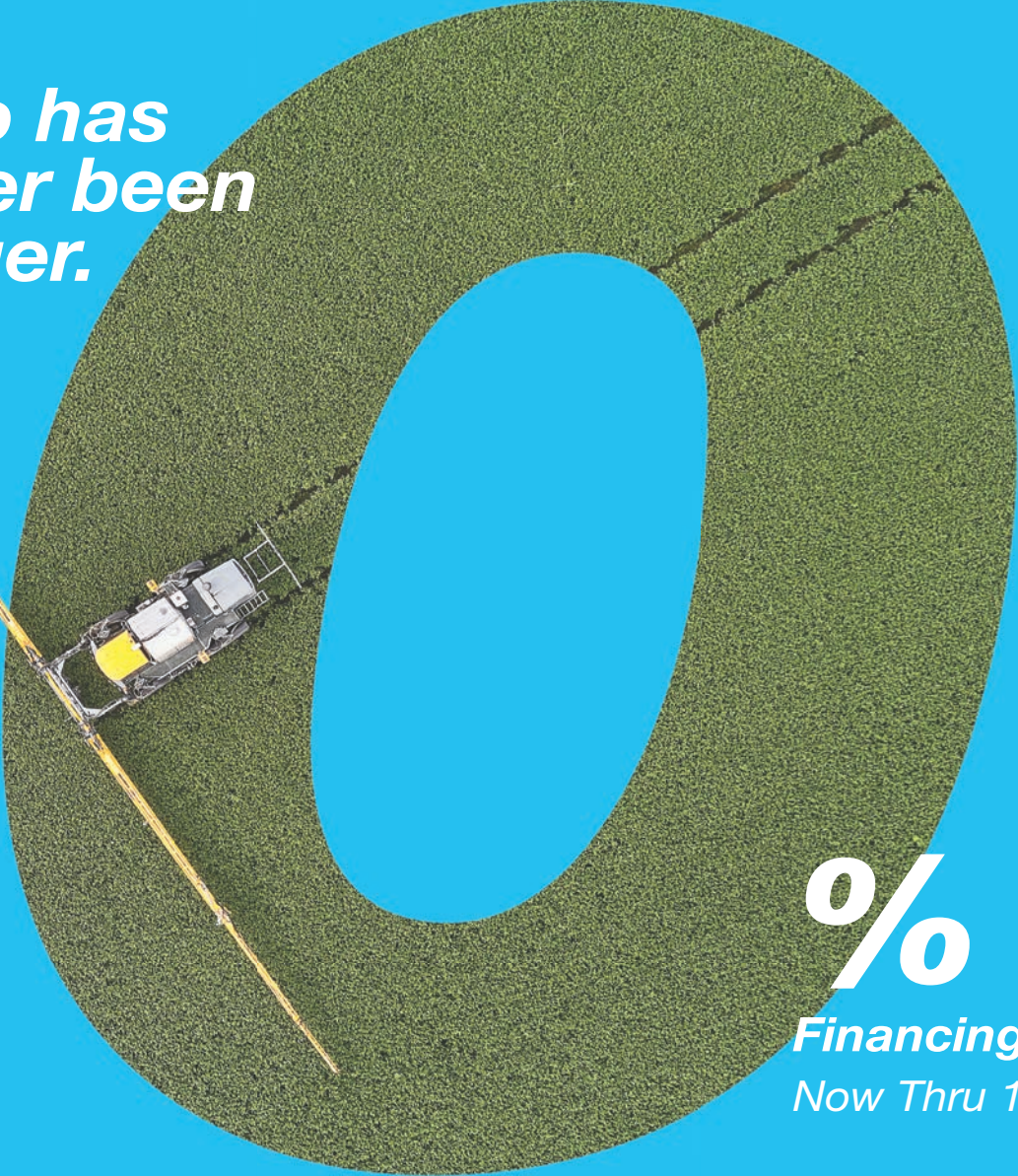
A big story in the livestock complex was the announcement from Tyson that they would be closing their Lexington, Neb., packing plant. Low cattle inventory is a primary cause of this closure, although there were other contributing factors. This closure will impact 3,200 jobs. Tyson also announced it would be slowing its Amarillo Texas plant to just one full-time shift from declining cattle numbers. This plant employees 1,700.

The entire U.S. packing industry has been impacted by low cattle numbers. Packers are required to run at a minimum speed by labor unions, and nearly all are already at this bare minimum. As a result, this may not be the only plant closure we hear of. Current cattle numbers indicate it will take at least 18 months to turn the curve.

The U.S. Food and Drug Administration has announced the approval of a topical solution that will prevent and treat cattle against new world screwworm and cattle fever tick. The FDA has approved this treatment for beef cattle 2 months of age and older, and in replacement dairy heifers under the age of 20 months. It is not approved for lactating dairy cattle, dairy calves or veal calves. It will also not be for use on bulls over 1 year old being raised for breeding purposes.




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Ohio State releases 2026 budgets for corn, soybeans, wheat and alfalfa

The National Weather Service outlook through Dec. 30 called for “leaning to likely above normal” outlook for temperature and “near normal to leaning above normal” outlook for precipitation. Wilson A. Bentley, a farmer and amateur meteorologist, is famous for being the first person to take a picture of a snowflake under a microscope, on Jan. 15, 1885. He is credited with advancing the idea that no two snowflakes are exactly alike. His proudest moment came in 1931 upon the publication of his book; Snow Crystals, which contained 2,453 of his photographs. At age 65, he photographed his 5,000th snowflake. Working in the cold, he then became sick and died of pneumonia.

Last week the winter weather words blizzard and flurries were defined. More winter words include the following: Snow flurries involve light snow falling for short durations. No accumulation or just a light dusting is all that is expected. Snow showers involve snow falling at varying intensities for brief periods of time with some accumulation possible. Snow squalls are brief, intense snow showers accompanied by strong, gusty winds and accumulation may be significant. Blowing snow is wind-driven snow that reduces visibility and causes significant drifting. Blowing snow may be snow that is falling and/or loose snow on the ground picked up by the wind.

2026 crop budgets from Ohio State University include corn, soybeans, wheat and alfalfa. Their projections for corn include a price of \$4.45 per bushel, and for a 190-bushel yield, they project variable costs totaling \$594.44, land charges, such as for rent of \$235, resulting in a possible net loss of \$156.54. For soybeans, the budget price used is \$10.60, a 56.8-bushel yield, variable costs of \$283.89 per acre, and the same cash rent land charge of \$235 per acre, resulting in a projected net

WEEKLY AG UPDATE
BY NED BIRKEY
MSU EXTENSION EDUCATOR EMERITUS
SPARTAN AG

loss of \$35.15 per acre. There are a lot of variables that can influence costs, yields and price, so farmers need time to budget carefully for the year ahead. Budgets are available at: www.farmoffice.osu.edu/farm-management/enterprise-budgets.

Farm accidents during the winter months are when grain bin and auger accidents peak, according to research from Purdue’s Agricultural Safety and Health Program. Around grain bins, farmers should do several things, including install or fix a guard on an auger. Next is never to work alone and be sure others know where you are working. Third is to lock out power when entering a grain bin or servicing equipment. Then keep guards around floor openings and wells to prevent plugging or entrapment. Last is to maintain grain quality so not having to remove spoiled grain means not having to enter the bin and running ventilation.

Are yams and sweet potatoes different? Yes and no. When orange sweet potatoes were first introduced, grocery stores call them “yams.” However, they differ and are not related botanically speaking. Yams are big, edible tubers grown in tropical and subtropical climates, primarily in South America, Africa and the Caribbean. They can reach 2 to 3 feet long and weigh as much as 80 pounds. When properly cooked, yams have a mild, earthy flavor with a subtle sweetness. Sweet potatoes are edible roots native to the Americas, especially in the Southeast United States. They are generally only about 5 inches long, weigh less than half a pound and are always tapered at the end and have thick skin. Sweet potato varieties come in orange, white, yellow or purple and have a naturally sweet, creamy, moist texture, often served as a colorful side dish around the holidays. By the way, sweet potatoes are not related to potatoes, either.

 <p>International 2250 loader 74/84 series brackets, joystick valve, exc. cond. \$3,900</p>	 <p>Kubota L4060 HSTC-LE hydro trans, 4WD cab w/wheat & AC, loader w/Universal SSQA, 300 hrs, very good. \$42,500</p>	 <p>Kubota MX 5100 HST, 508 hrs., loader w/SSQA, 72" bucket BH92 backhoe w/mech. thumb, 18" bucket, very good cond., \$36,900</p>	 <p>Kubota LX2610 SUHSD-hydro trans., 4WD, turf tires \$22,500</p>
 <p>Ford 1920 SSS transmission, 4 WD, loader, 1350 hrs, good cond. \$12,500</p>	 <p>Kubota M7040 SUH 2WD, 1100 hrs, 8F-8R hydraulic shuttle, very good cond., \$22,500</p>	 <p>Kubota B2150DT, 2000 hrs., geardrive, loader, 72" midmount mower deck, \$12,500</p>	 <p>Case IH CX60 MFD 3 rear remotes, 540/1000 PTO, good cond., \$19,900</p>
 <p>2021 Kubota M6-141DTC-F cab w/heat & air, 3 rear rem. valves, 24x24 semi-powershift trans, hyd shuttle, MFD, 417 hrs, Excl, \$86,900</p>	 <p>Kubota LX2610 HSDC, cab w/heat & AC, hydro trans, 4WD, loader w/Universal skid steer quick attach, 60" bucket, rear remote valve, 135 hrs., exc. cond., \$31,000</p>	 <p>2022 Kubota M7060 HDC12, cab w/heat & AC 2 rear remote valves, 12F-12R hyd. shuttle, cast rear wheel centers, 930 hrs., very nice, \$55,900</p>	 <p>2022 Kubota L3301 HST hydro trans, 4wd, R4 tires, LA525 loader w/Universal skid steer quick attach, 160 hrs, exc. cond. \$24,900</p>
 <p>Kubota B2301 HSD w/Loader & 60" mower deck, 100 hrs., very good, \$19,500</p>	 <p>Kubota MX5100F 2WD, 650 hrs, Turf tires, loader, good condition \$17,500</p>	 <p>Woods 15' balwing rotary cutter, very good.....\$11,900</p>	 <p>Kubota RTV X900, hydraulic bed lift, 4WD, 1100 hrs., very good, \$11,500</p>

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Above: Operated by the Tennessee Department of Agriculture in Nashville, the Tennessee Agricultural Museum (pictured) houses thousands of artifacts representing Tennessee’s rural heritage and agricultural innovations, officials said. (courtesy of the Tennessee Department of Agriculture)

Tennessee Agricultural Museum grant will support ag heritage

By DOUG SCHMITZ
Iowa Correspondent

NASHVILLE, Tenn. – The Tennessee Commission for the United States Semiquincentennial (TN250) recently

awarded the Tennessee Agricultural Museum Association a \$17,365 Tennessee America 250 Exhibitions and Programs grant, which officials said will support new museum experiences that celebrate the state’s agricultural heritage, while commemorating America’s 250th anniversary.

“This grant allows us to showcase those stories through a new exhibit, and connect visitors with the broader history of America’s 250 years,” said Elaura Guttormson, Tennessee Agricultural Museum director. “We are grateful for the support that makes this important work possible.”

The funding will be used to develop a new exhibit focused on the Tennessee Century Farms program, highlighting its lasting significance for the state and rural communities, officials said.

Kim Doddridge, Tennessee Department of Agriculture (TDA) public information officer, told Farm World the Century Farms program has meticulously preserved records of these family farms, providing abundant documentation of challenges and successes, as well as generations of perseverance.

“Museum Curator Abigail Coomes is collaborating with Century farmers across the state to showcase artifacts from their farms,” she said. “The exhibit will feature artifacts from each of Tennessee’s Grand Divisions, and illustrate how agriculture in the state has evolved over time, with particular emphasis on technological innovations like motorized engines, and electricity that revolutionized rural communities.”

In addition, grant funds will support a series of educational programs related to America’s 250th anniversary, offering visitors opportunities to learn about the nation’s history and Tennessee’s vital contributions to agriculture, officials said. The museum will also create interpretive materials that outline connections between the semiquincentennial and the state’s rich farming legacy, officials added.

Doddridge said the grant will fund a series of pre-Kindergarten through high school educational programs developed by Museum Educator Cheyenne Douthitt that connect America’s 250th anniversary with the stories of Tennessee’s century farms.

“The funding will also support interpretive panels throughout the museum for young readers that highlight artifacts tied to the anniversary, and Tennessee’s role in early nationhood,” she said. “Details for programs will be finalized in the upcoming weeks, but

 <p>1960 John Deere 730, Dsl., Pony Start, WF 3 pt., PTO, All Orig. Survivor, Runs & Drives... \$9,750</p>	 <p>2016 John Deere 8345RT CAH, IVT, 3 Pt., 4 Remotes, 24" Tracks, Very Nice... \$99,500</p>	 <p>2011 John Deere 1590 Drill, 15', Like New, Low Use w/Rear Seed Auger \$39,500</p>	 <p>2011 John Deere 75D EROP, Dsl., Hyd., Thumb, Steel Tracks, Backfill Blade, 3K Hrs... \$42,500</p>	 <p>Wacker Neuson WL34 OROPS, Dsl., 2 Spd., Hydro., 72" Bkt... \$19,500</p>	 <p>2018 John Deere 630 Moco, 1000 RPM, Rubber Rolls, Like New, Low Use... \$18,000</p>
 <p>2015 JD 1590 15' No-Till Drill, 7.5" Spacing, Ground Drive Dolly Wheels, 11L-15 Tires, Very Nice... \$37,500</p>	 <p>2000 Case IH STX 450, Quad Trac, CAH, QXS-15 PS Trans., Drawbar, 4 Rem., 5800 Hrs... \$79,500</p>	 <p>1998 John Deere 862B Self Loading Scraper, CAH, PS, 29.5x25 Tires, Good Chain, Work, Ready, \$19,500</p>	 <p>2005 JD 956 Moco 14'6" Cut, Impeller Conditioner, Good Knives, Gone Through, Ready to Mow... \$8,450</p>	 <p>Ford 139 Soil Saver Chisel, 15 Shank, Used Very Little, From a Collector, Like New... \$9,750</p>	 <p>1998 DDT 630B , Cummins Dsl., 30 Ton Capacity, Ejector Bed, Low Hrs... \$22,500</p>
 <p>2017 Manac Dark Wing 53' Step Deck, All Aluminum, Spread or Close Axle, VG Condition... \$34,500</p>	 <p>2022 JD S780, CAH, Pro Drive, 4x4, 5 Spd., Feeder House, Power Cast, Firestone, 650 Duals, Extended Grain Bin, Like New, Very Nice... \$119,500</p>	 <p>2005 Volvo EC160BLC, CAH, 9'11" Stick, 24" Pads, 46" Bkt... \$29,500</p>	 <p>2003 CAT MT865, CAH, C-18, PS, Drawbar 4 Remotes, Auto Steer, Frt. Wts... \$62,500</p>	 <p>1998 Case IH 8940 CAH, PS, 3 Pt., PTO, Duals, 74331 Hrs., 1 Owner, Very Sharp... \$79,500</p>	 <p>2006 Case 621D, CAH, PS, 2.5 Yrd ACS Quick Tach Bkt, 20.5x25 Tires, All Orig. Nice... \$34,500</p>
 <p>2016 JD 8245R CAH, PS, 1300 Frt 3 Pt PTO, 4 Remotes, Like New, Super Low Hrs., Local Farmer Retirement... \$199,500</p>	 <p>2011 Brent 544, 500 bu., Roll Tarp, Very Nice, Farmer Retirement... \$13,500</p>	 <p>2005 JD 2210 27'6" Field Cultivator, 5 Bar Drag, Local Farmer Retirement, Low Use, Really Nice, Field Ready... \$29,500</p>	 <p>2013 Yale GDP80VX, Veracitor 80VX 2 Stage Mast, 144.7" Max Lift Ht, 90" Lowered Mast Ht, 42" Forks, Aux. Hyd. Plumbing, tier 4, 2013 US EPA Label, Kubota V3800 CR-T-EF02 54.6 KW 3.8L Dsl Eng., \$9,450</p>	 <p>2015 New Holland Workmaster 60HP, Dsl., Loader, 4x4, 3 Pt., PTO... \$19,500</p>	 <p>2011 JD 9330, 5956 Mi., CAH, PS, PTO, 4 Rem., 480/50 Michelin Tires w/Duals, Very Nice, 2 Owner Tractor... \$144,500</p>
 <p>2005 CAT 304 Enclosed Cab, Swing Boom, 6' Stick, Aux. Hyd. Plumbing, Backfill Blade, 16" Rubber Tracks, 28" Digging Bkt, Thumb Bracket... \$19,500</p>	 <p>2008 Bobcat V723, Enclosed Cab, 23' Max Lift Hght, 7000 Lb Max Lift Cap., 48" Hyd. Coupler, Frame Leveling, Aux. Hyd. Plumbing, 400/80-24 Tires... \$27,500</p>	 <p>2012 Genie S45 45' Max Platform Ht., 500 Lb. Max Wght Cap., Jib, Power to Platform, Onboard generator, Deutz Dsl. 3 Cyl., 49HP, 2.3L Dsl Eng., 12-16.5 Tires... \$17,500</p>	 <p>2000 Ford F750, CAT 6 Cyl. Dsl. Eng., Allison Auto Trans., 12,000 Lb. Front Axle, 21,000 Lb Rears, 33,000 Lb GVWR, 11R22.5, spring Susp., 168" WB, 350 Lb Cap., Center Mtd 1-Person Art. Boom, Chip Body, A-Outriggers, 11'x102" Bed... \$9,750</p>	 <p>1999 John Deere 9550, CAH, Hydro, Chopper, Chaff Spreader, 30.5x32 Tire, Bin Ext... \$27,500</p>	 <p>2015 Case IH 875, 13 Shank Ripper, Like New, Rolling Baskets, No Welds, Big Blades, Work Ready... \$64,500</p>



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(Tennessee continued on page 15)

Miami University's horses help to counsel students

By Celeste Baumgartner
Ohio Correspondent

OXFORD, Ohio - Some of the horses at Miami University's Equestrian Center have a new job. In addition to being part of the university's riding department, they are now helping to counsel students. The Student Counseling Service (SCS) offers drop-in Horse Therapy and Equine-Assisted Psychotherapy in partnership with the Equestrian Center.

An alumnus reached out to Heather Pinnick, director of riding at the Equestrian Center, and suggested the idea. Pinnick liked it because it was another way to use the horses. She reached out to Jennifer Young, licensed psychologist and associate director for community engagement at the Student Counseling Service, who also liked the idea. The two brainstormed.

"It started almost a year ago now, so it is still fairly new," Pinnick said. "We're piloting it to see just what we can do and how to grow with it. We have done some other things too, with the drop-in sessions for the students just to come down and pet the horses, give them a treat. Then we have the specific weekly counseling sessions."

The university provides student counseling, said Young, who works with Sami Goodpaster, another counselor. This is typically one-on-one therapy in a room with the student and counselor facing each other and talking once a week. That works for a lot of people, but not everybody.

"For a lot of students who maybe would prefer to be doing something instead of staring at your counselor across the way, this works really well," Young said. "We are standing, we are grooming a horse, it can be less intimidating for some people who don't like direct eye contact. So, when students come to our center to start therapy, we tell them about the option of horse therapy."

Many students like the idea, Young said. "Those who do tend to be students who are anxious, maybe have PTSD issues, are low in confidence, maybe have depression, those seem to be the most common concerns that do well with horses."

However, before the program could get off the ground, Pinnick had to help Young, who had never been around horses, get acquainted with them. She learned how to put on a halter, lead them out of the stall, curry and brush them, and pick out their hooves. It was a new experience.

"It was wonderful," Young said. "Heather was very patient and taught

me about the tack room and how to get the horse out of the stall. I love the animals. They are just beautiful, so soothing and calming."

Then Pinnick chose specific horses to use for therapy that were of the right temperament. They needed to be friendly, to like being groomed, and not too big; that could be intimidating. She came up with six horses. They all have other jobs, too. They are not used exclusively for therapy.

"We have therapy sessions once a week, Young said. "We take the horse out of the stall, I help groom the horse. I think that helps the students who are especially anxious just to be around such a large animal, when you see that it starts to respond to you as you're brushing it. The students love that."

Sometimes the horses "try to push the student's buttons," Pinnick said. Maybe the horse won't pick its foot up right away. So, there is a level of frustration and there is so much reward when they finally do get it.

"Horses are very intuitive of how we're feeling," Pinnick said. "I think

(Miami continued on page 11)



Above: Heather Pinnick and Jennifer Young feeding Fendy treats. Young had to get acquainted with horses and how to care for them before beginning the Horse Therapy program.



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Above: All the horses used in the therapy program have other jobs, too. Annika Nyberg enjoys riding Francoe in Miami University's equine program.

Below: The equine center has had three drop-in sessions. The counseling staff made name tags for the horses. The horses like the sessions - they know when the treats are coming.



Miami

FROM PAGE 10

sometimes they know when we need to push through something, so maybe they don't pick their foot up right away, and we need to push through that frustration; or they know when we're sad, it is really cool to watch."

The students gain confidence, Young explained. Some students score pretty high on an anxiety scale when they start therapy. By the end of the semester, it is much reduced. Anxiety seems to be well-treated by the horses.

"We have had students who cry when they're here, too," Young said. "The horse just provides another outlet. Being around the horses allows the student to feel calm and safe. They can then start to talk about some tough issues. One student had grief issues; she would cry as she groomed the horse. It was cathartic for her."

Equine therapy is a good modality for individuals with autism or who are on the autism spectrum, Young said. They aren't quite as verbal, and they don't have to stare at the counselor across the room. They can look at the horses and maybe don't have to talk as much.

Also, with the start of the therapy program, Pinnick and Young introduced drop-in days where any student can come and pet the horses, give them a treat; they have been very successful.

"We wondered if students would come," Young said. "More than we thought came. The first time we ran out of treats. We had over 100 in one hour, and we have had higher numbers since then. Students from all backgrounds, professors will come and bring their kids. Students love it. It's a great way to tell them about the therapy program."

Added Pinnick: "We have had three drop-in sessions. The counseling staff made name tags for the horses. The horses like it. They know when the treats are coming! The giggles we hear, from the students, the smiles we see, it's so amazing to see them interact."



Above: The drop-in sessions, where students can visit the horses and give them treats, have been very successful. At the first one, more than 100 students came in one hour. They ran out of treats.

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Michigan farm property values up nearly 8 percent in past year

(AP) – Michigan farm property values are going gangbusters, rising 7.8 percent in the past year and leading the nation, according to an annual report from the USDA.

National values increased 4.3 percent – coming amid fluctuation in farm revenue and markets, in part due to tariff volatility – means prices are remarkably stable, said national landowner services company Farmers National Co.

The state’s higher rate of increase is coming, at least in part, from buyers who seek to turn the land into homes, factories or other commercial enterprises, experts said.

“The main reason for land coming on the market is usually either a decision to sell due to generational change or land in more urban areas selling for uses other than farming,” Jay Van Gorden, of Farmers National, said in a July forecast.

Several recent high-profile economic development initiatives in the state are using farmland. They include:

1. The megasite under development in Genesee County, where of 1,300 acres under contract, much is farmland.
2. A new hyperscale data center, where developers had sued Saline Township for permission to build on 575 acres of farmland.
3. The planned home for an electric vehicle battery factory near Big Rapids, where Gotion had planned to build, largely on over 250 acres of agricultural land.

Farmland for some megasites – such as in Mundy Township in Genesee County – can fetch \$15,000 to \$30,000 an acre, far above the state average of \$6,800 per acre for non-development land.

The average U.S. data center land transaction is now 224 acres, according to commercial real estate firm Cushman & Wakefield. That is “driven by the need for multi-building campuses and future expansion,” the brokerage said.

“Land is worth what you could put on it,” Jim Porth, a commercial real estate agent at Thomas Duke Co., of Farmington Hills.

In Washtenaw County, Porth said national homebuilders also are able to pay more for land because they have the resources to gain higher unit counts on property that otherwise may be zoned for up to 10-acre lots.

When used for agricultural purposes, farmland across the state varies due to location and demand.

Agriculture property can sell for \$5,000-\$10,000 per acre in west Michigan, according to real estate website Land Boss, climbing in southwest Michigan to \$8,000-\$12,000 per acre.

Non-agricultural, remote land in the Upper Peninsula might be found for \$1,000 per acre, while the same type of property in more-developed east Michigan could cost up to \$15,000 per acre.

Institutional investors continue to seek farmland, industry experts said. Among them are international companies, a move that’s prompted scrutiny. Legislation has sought to limit foreign land ownership after deals resulted in Singapore owning 5 percent of the Upper Peninsula.

And while farmland values are up in Michigan, the number of properties on the market is nearly one-third fewer than seen during the pandemic

(Michigan continued on page 18)

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Tennessee

FROM PAGE 11

the interpretive panels will anchor the educational offerings.”

Operated by the Tennessee Department of Agriculture in Nashville, the Tennessee Agricultural Museum houses thousands of artifacts representing Tennessee’s rural heritage and agricultural innovations, which attracts more than 15,000 people annually, officials said, adding the museum’s ongoing preservation efforts ensure future generations can experience and understand the state’s agricultural legacy.

Doddridge said TDA operates the Tennessee Agricultural Museum as an ongoing service to the citizens of Tennessee: “TDA values the material culture entrusted to the museum, and recognizes the powerful role artifacts play in connecting people to the past. Agricultural artifacts offer expansive opportunities to explore history, innovation, and everyday life.”

“TDA engages museum visitors from across the state, the nation, and the world to demonstrate how farming in Tennessee has evolved over time, and how those changes have shaped daily life,” she added. “TDA provides funding for a staff of three: the Museum Director Elaura Guttormson; the

Museum Curator, Abigail Coomes; and the Museum Educator, Cheyenne Douthitt, and supports their work to connect the public with Tennessee’s agricultural past and present.”

Officials said the State of Tennessee made available \$6,435,000 to the Tennessee State Museum to administer on behalf of the commission, with the majority of funding to be re-granted to Tennessee communities to support statewide America 250 initiatives.

Carrie Tipton, TN250 coordinator, told Farm World Tennessee organizations receiving grants from the commission applied for funding via a competitive process requiring applicants to demonstrate project alignment with the commission’s mission and vision.

“The commission was pleased to fund the Tennessee Agricultural Museum’s 250th Project Support Grant, which includes multiple Semiquin-

centennial initiatives,” she said. “First, the grant supports an exhibit on Tennessee’s Century Farms and Pioneer Farms program, highlighting the resilience and contributions of Tennessee farm families, and showing how agriculture built communities and supported national growth.”

She added the Century Farms exhibit will anchor the museum’s America 250 commemoration, and enhance its long-term interpretive capacity.

“The grant also supports a traveling exhibit component; an interactive America 250 passport scavenger hunt; updated permanent interpretive panels in the museum; and public programming for a new Century Farms book to be published in 2026,” she said. “These initiatives will expand public access to and awareness of Tennessee’s rich agricultural heritage, and its role in regional and national history.”

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MFWD TRACTORS: '96 NH 8560, cab, 18x6 semi ps trans, w/ LH pwr shuttle, 4RR, frnt fndrs, 480/80R42 Mitars, 14.9R30 FS frnts, exclnt rubber, 7400 hrs, very nice!; JD 4955, 8600 hrs, 4 hyds, lg 1000 pto, 42" duals, like new, led lights, auto steer, q-hitch, well maint;

TRACTORS: '74 JD 4430, cab, quad range, 3RR, 20.8-38 rears w/ clamp on duals, shows 9033 hrs; '79 JD 4840, shows 600 hrs (approx. 6600 total), 3 hyds, 1000 pto, 3pt, quick hitch, 18.4-42 rears w/ duals, 85-90%, 9 frnt wts, nice tractor; CIH 7120, CAH, 18.4-42, 23* Firestone, 3 hyds, 540-1000 pto;

FRONT LDRS/BUCKETS/BLADES/FORKS: IH 2350 Frnt Ldr, mount-omatic, 48" pallet forks, slightly used, works well; Frontier 2072 3pt Blade, 6', never used; Frontier 2072 Blade, 3pt, 6', never used;

COLLECTORS: IH 460, gas, NFE, fast hitch, one own; David Bradley Corn Sheller; Clipper Seed Clnr;

INDUSTRIAL: NH LX485 Skid Steer, w/ bckt, Plexi on sides of cab, new 10-16.5 tires, 2286 org hrs, very nice!; Fiat Allis FR10 Wheel Ldr, dsl, LF reverse, 96" bkt, runs good; Kobelco K905 Excavator, 6219 hrs, runs & operates; Dresser TD7G Dozer, Cummins eng, new undercarriage, runs & drives;

MECHANIC SPECIALS: IH 966, dsl, no cab, runs & moves but doesn't steer;

GRAIN HEADS: JD 920F, 20', 3" cut, poly liner, pto hookups;

AUGER CARTS: UM 9250, 900 bu, lg 1000 pto, on tracks, w/ tarp, red; EZ Trail 1020, hyd spout, roll tarp, Avery Weigh Tronix scale;

WAGONS: M&W 400 bu, center dump;

PLANTERS: Kinze 3000, 6/11R, NT, 4 spring DP, sharp!; '98 JD 1770, 16R-30", sure-flow seed fmrs, mrkrs, row cltchs, air force, e-set meters, c/b plates, 400 gal tank, plumbed for in-furrow fert, SI upper parallel arms, Martin row clnrs;

FERTILIZER SPREADERS: Stainless Steel 6 Ton Spreader, 19.5-16.1 tires, 540 pto;

ROCKFLEX DISKS: '13 Kuhn Krause 7300, 25', 7.5" sp, rear hyds & hyds;

FIELD CULTIVATORS: JD 960, 36', walk tands on main & wings, rear hyds & hitch, 5 bar spike drag;

DISK RIPPERS: DMI 527, shanks extd to 30";

RIPPERS: '03 Blu-Jet Sub-tiller II, 5x;

SOIL SAVERS: Glencoe 9x;

MOWERS: Woods Rot Mwr, 540 pto, slightly used, works well; JD MX10, spt, rear tires, hyd, offset; '95 Bush Hog 2615, legend, 15', batwing, 1000 pto, frnt & rear shlds; JD 709, 7';

LIVESTOCK: Danhuser 3pt PHD, very nice!; 3pt PHD, w/ 10" & 14" auger bits; New Wolverine Post Pounder;

HAYBINES/DISCBINES: NH 7230, 10', hyd hitch, good rolls; NH 495, end trans, works good;

HAY BALERS: Deutz GP220, round; Gehl 1500, round, twine tie, works good;

MANURE SPREADERS: Meyer 7500, V-Force, horizontal rear beaters, good augers;

IRRIGATION: ABI Hose Reel;

TRUCKS & TRAILERS: '96 IH 4170 Dump Truck, sngl axle; 2025 Big Tex 25GN, 35', w/ 5' dove tail; '79 Home-made Trlr, 14K lb cap, 8'x18', tilt bed;

MISC: Landpride CR25 Straw Crimper, 72", 3pt; Farm King 740 Snow Blwr, 7", 540 pto, hyd spout; IH 80 Snow Blwr, 540 pto, sharp!; Brandt Grain Deck Drive Over Belt Conveyor, hyd drive; New TMG-DB86 Snow Blade; Tree Shear; New Wolverine Trencher; Byron 3020B Conveyor, 30" wide x 20' long, rubber belt w/ cleats, hyd drive; 22' Hay Rack, red; David Bradley Gear; Wallenstein Wood Chipper, like new; (2) Welding Tables; 540 Elec Drive Motor, w/ run grain auger; (2) 18.4-38, radials w/ rims; (2) 18.4-34 Duals;



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Claas Liner 1700, 2 Rotors/ Center Windrow laying Position/ 540 PTO
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MacDon FD240, CIH/ Rock Retarder Kit/ Center Draper Deflector Kit/ Spare Knife/ Lateral Tilt/ In Cab Draper Speed.....
..... Call for Price



Unverferth Nutrimax 1000, 2023/ 600 Acres/ 12 Row/ USOBUS Rate Controller..... \$48,000



J&M 1121, Large 1000 PTO/ Scales/ Cameras/ Tarp/ Very Nice \$62,000



MacDon FD75, 45' / 2015/ CIH/ Rock Retarder/ Spare Knife \$55,000



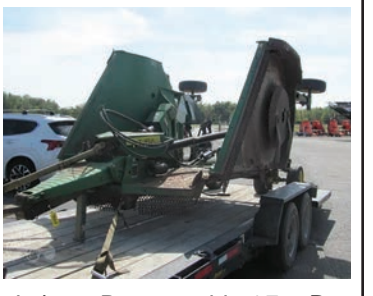
Kuhn GA3200GT, WW 10'6" / 9 Tine Arms/ 3 Tines Per Arm/ 20 HP Min./ Windrow Width 2'7"-3'11 "
..... Call for Price



Gehl V275, 2024/ Enclosed Cab/ Bi-Fold Door/ Reverse Camera/ Self Leveling-Switchable On-Off
..... \$62,500



Kinze 3600, 16/32 Splitter/ No Till Coulters/ Ground Driven\$37,500




John Deere Hx15, Bat Wing/ Large 1000 PTO/ 6 Tires/ Spring Ride.....
..... \$12,000



Capello Quasar 1230F, 2016/ John Deere/ Horizon/ Headsight/Chopping/ Folding \$55,000



Manitou MLT625H, Boom Suspension/LED Work Lights/ Continuous Flow Hydraulics/ Bluetooth Radio.....
..... Call for Price



Great Plains HT1100-25-25', 3 Section/ Rolling Harrow/ Double Reel/ Cat IV Articulating Hitch
..... Call for Price




New Holland 3625 Pro Ted, 2016/ 24'11" Working Width/ 6 Basket/ Field Ready
..... \$18,000



New Holland 570, Small Square/ 65" Super Sweep PU/ 132 Teeth On 5 Bars/ 62HP Min.....\$11,500




Claas 455RC Uni Wrap-2015, 15,800 Bales/ 4x5 Bales/ 25 Knives... \$50,000



Gehl VT320, Cab With Heat/AC/ Deluxe Air Suspension Seat/ High Flow Hyd./ Power A Tach/ Easy Link/Engine Oil Pan Heater
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Vermeer BW5500, 611 Bales/ Electric Start/ Self Contained Hydraulics/ Digital LCD Control System Display.....
..... \$42,500



Kuhn VS143 Mixer, New Blades/ Lights/ Scale.....
.....\$37,000



Geringhoff North Star 1230, End Row Augers/ 3 Sensor Insight Controller With Foresight/ John Deere S Series/ Stalk Stamper.....
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BEEF 509 program planned for late February at Ohio State

MARYSVILLE, Ohio – The Ohio Beef Council and the Ohio Cattlemen’s Foundation, in partnership with The Ohio State University Animal Science Department, will host the BEEF 509 program on Feb. 27-28, 2026, at the Animal Science Building, 2029 Fyffe Rd, Columbus, OH 43210.

BEEF 509 is an intensive educational program designed to help cattle producers better understand the food side of their business and implement best management practices to improve beef quality, enhance profitability and recognize value within the beef supply chain.

Participants will explore topics including Live Cattle Evaluation, Beef Carcass Grading, Grid Pricing, Beef Harvest Demonstration, Carcass Fabrication and Cutting, Understanding the Science of Beef, Beef Quality Assurance and Live Carcass and Boxed Beef Evaluation.

During the program, participants will work in teams to:

- Evaluate live animals and grid pricing systems
- Select cattle through an “auction-like” setting
- Follow those cattle through harvest, grading, and hands-on cutting sessions

This hands-on approach allows participants to experience firsthand differences in carcass composition and understand how those differences impact value and profitability. Teams’ results will be evaluated based on profit margins from their original live purchase prices.

The program is limited to 30 participants on a first-come, first-served basis. Registration is \$175 per person, with the Ohio Beef Council covering all additional program expenses. Participants are required to attend both days. The tentative schedule is Friday, 3-7:30 p.m. and Saturday, 8 a.m.-6:00 p.m.

For registration and additional information, visit ohiocattle.org, call 614-873-6736, or email cattle@ohiocattle.org. Registration closes Jan. 20, 2025, or once the program reaches capacity.

Michigan

FROM PAGE 14

– leaving the lower supply also a likely reason for the price gains.

That could change with the economy, Van Gorden said.

“With ongoing uncertainty in both the agricultural and overall economies, we may see more land being offered on the market to pay down debt, generate operating capital, or because of operator retirement,” Van Gorden said.

Meanwhile, the state continues to lose farmland, with 300,000 fewer acres used for farming purposes in 2022 than in 2017, the most recent census shows.

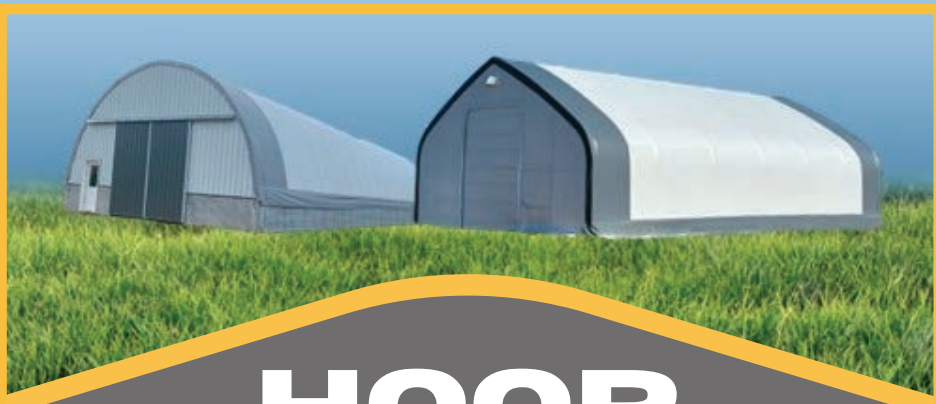
The loss represents about 3 percent of the state’s 9 million agricultural

acres, much of it attributed to urban growth spreading into farming areas.

There are 44,000 farms in Michigan with about 150,000 workers. The agricultural industry, including food processing, generated over \$2 billion in economic impact, the state said.

Many farmers are still working through new tariffs set by the Trump administration, which prompted big drops in exports compared to last year. In the first half of 2025, Michigan soybean meal exports fell by 46 percent, wheat exports declined 89 percent, fresh cherry exports fell 62 percent and fresh apple exports declined 58 percent, according to the state Department of Agriculture and Rural Development.

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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 Gary.

A scammer will often try to pressure you into making a quick decision and to pay up front.
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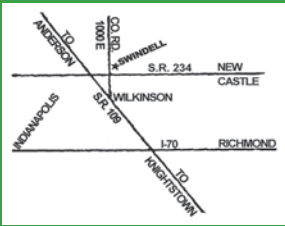
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2012 JD 9410R, 4127 hrs., PS, PTO, 710/70R42 Michelin duals, leather seat, central IL tractor, completely serviced at JD, very nice..... \$177,500



1981 White 2-155, 4759 hrs., very nice orig., 2 hyd. 9 bolt dual hubs, clean int., heat & AC, Just Arrived..... \$17,500



2015 JD 6125R, 7520 hrs., 24 Spd w/LH rev., 540/1000 PTO, 2 hyd. loader w/factory joystick, QA bkt, good used tractor..... \$67,500



2011 Case IH Steiger 350HD, 4WD, 4601 hrs., PS, 5 hyd. outlets, 1000 pto, Michelin rubber, luxury cab w/leath..... \$147,500



2009 Killbros 1950, Trelleborg tires, hyd. spout, roll tarp, lg 1000 pto, 1100 bu capacity, always shedded..... \$37,500



New 2024 Killbros 1035, tracks, 1000 bu., 20" corner auger, hyd. spout, factory installed scale pkg w/410 indicator, roll tarp, 36"x112" hyd ext..... Call for Price



2014 Case IH 4408, 8-30", sgl point, header height, kniferolls, very sharp, head cart not included..... \$29,500



1977 IH 1086, 5088 hrs., 3 hyd., 540/1000 pto, new AC, new int, 18.4x38 rear tires, good orig. 1086, ready to work..... \$21,500



2024 JD 5050E, Only 3 hrs., ldr ready, R4 tires, g/3 trans., 540pto, 1 rear remote, either 25 year model or very late 24, ready to go..... \$29,900



2014 Kuhn Krause 8000-14, 14' Excelsator, good blades, rolling basket, hard to find size, used on our farm, sharp..... \$37,500



2024 Unverferth 410XL seed tender, 4 box, 8'x21' conveyor, 6 function remote w/deluxe scale pkg & work lts, loaded..... Call for Price



2016 JD 640 flex draper, flip over reel, from estate, very nice..... \$39,900



2009 Krause 8200-34W, 34' rock flex disc, good blades, heavy disc..... \$15,000



2008 Case IH 1020, 17.5', 3" cut, hyd. fore & aft, clean late model..... \$13,900



2000 JD 1560 Drill, 5', 7.5" spacing, dolly wheels, markers, low acres..... \$24,500



New 2025 Burchland GSX130, hyd. drive, hyd. lift, 13" drive over hopper, Several in Stock..... \$16,995



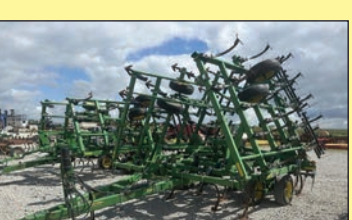
2008 JD 2210, 22.5' field cultivator, single point depth control, 4 bar tine harrow, very nice..... \$24,500



J&M 875-18, hydraulic spout, corner auger, large 1000 pto..... \$24,900



JD 148 loader, good used ldr., 6' quick attach bkt, 2 spool valve & brackets, removed from JD 4020..... \$4,995



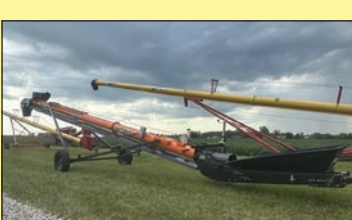
2002 JD 980, 3 barn coil tine harrow, 30.5' working width, very tight, low acre cultivator..... \$15,500



2012 Landoll 7431-33 VT, 33' vertical till, rolling basket, used on our farm..... \$33,500



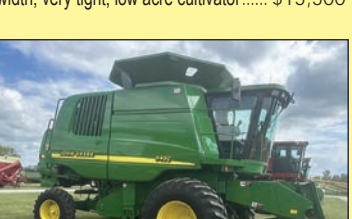
1997 KINZE 2600, 16/32 No Till, bean & corn meters, local farmer owned., well maintained, KM 3000 monitor & fold box & man. In our shop..... \$27,500



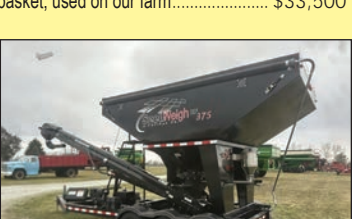
2025 Batco FX4 1539 FLTD conveyor, 10hp single phase elec. drive, switch kit, hopper wheel kit, New in Stock..... Call for Price



New Danuser Intimidator, skid steer mount tree puller, 3 in Stock..... \$3,950 Ea.



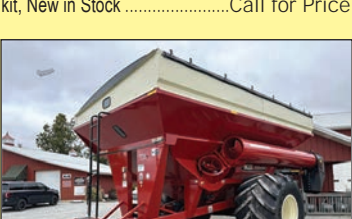
2001 JD 9450, clean, chopper, chaff spreader, level land, bin extension, 3725/2767 hrs..... \$39,500



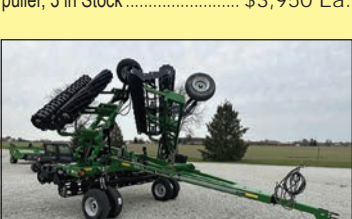
2018 Par-Kan EF375 seed tender, like new & loaded w/options, Honda eng., scales w/readout on side, talc applicator, pintle hitch, must see..... \$27,500



Brent 420, 400 bushel cart, small 1000 pto, 18.4x26 tires, good used..... \$4,750



2023 Killbros 1035, 1000 bu, corner auger, 1050/50R32 Tires..... Call



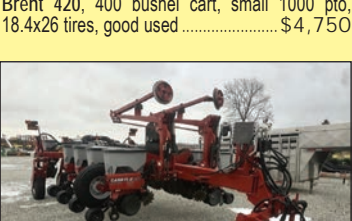
2025 Unverferth 1645D, 32' rolling harrow, 12' x-fold base, 10' wings, pull type, 9.5x15 tires, new & in stock..... Call for Price



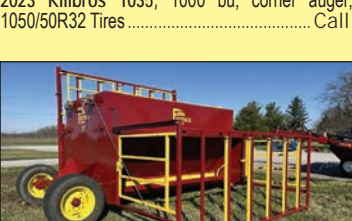
Kuhn Knight VSL 150, single screw vertical mixer, set up as left hand discharge, small 1000rpm, inline walking tandems, scale..... \$23,500



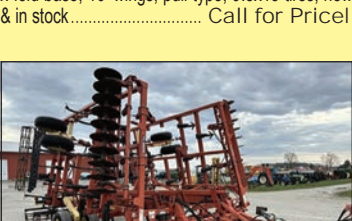
Arts Way LS1200S, 12' pull type hydraulic scraper blade, unused..... \$16,900



2011 Case IH 1250, low acres, 1000rpm pto pump, mechanical drive, Yetter row cleaners w/pin type adj., markers, narrow trans., very nice..... \$33,500



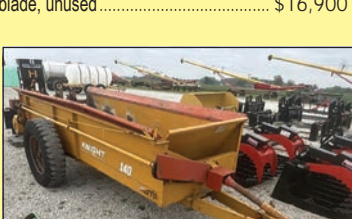
New 2025 Farmco Creep 10 cattle feeder, rain proof storage w/winchd easy open lid, front dolly for easy hookup to tow, 10', 6500 lb capacity..... \$6,825



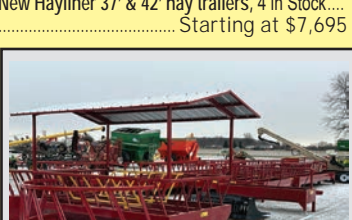
Krause TL6200-27, good used 27' soil finisher w/ rear rolling basket harrow..... \$27,500



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Knight 140 single axle manure spreader, 540pto, single beater, very nice..... \$4,950



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Northern Kentucky farmer refuses \$8 million offer from data center

By DOUG GRAVES
Ohio Correspondent

MAYSVILLE, Ky. – A large artificial intelligence (AI) company aims to build another data center, this time in Maysville in the heart of Mason County. The company is looking to develop about 2,000 acres outside Maysville, but before the company can choose Mason County, it needs landowners to sell their land.

The project is being pursued by a Fortune 500 company, but the company's identity remains undisclosed to maintain competitive advantage. And the company has been met with tough resistance from this close-knit farming community, including one man who is turning down millions to keep his land.

Dr. Tim Grosser, a farmer in the area, has lived on 250 acres outside Maysville since 1988. His land boasts rolling hay fields and a herd of cattle. Grosser uses an old brick farmhouse as a hunting outpost. On the other side, his son, Andy, lives in a newly built home.

"My grandson loves to come up here and hunt deer and turkeys. It's just what we do," Grosser said.

The market value for farmland in the area is about \$7,500 an acre, which would make Grosser's land worth about \$2 million. The company's first offer was twice that, or about \$4 million. Then the offer doubled again, to more than \$8 million. Finally, Grosser was asked to name his price.

"Money can't buy happiness," Grosser said. "It can buy a lot, but it can't buy happiness."

Last fall, Grosser was offered a \$500 check for the option to buy his land anytime in the next year for \$15,000 an acre for a potential industrial development project. Grosser wasn't told what kind of industrial project it would be or who was behind it.

Grosser and his son even went downtown to meet with Tyler McHugh, the Maysville-Mason County Industrial Development Authority director. Again, limited information on what was going to be built. Finally, the Grossers were then offered \$30,000 per acre.

"We're not selling," Grosser told the county.

Not all farmers resisted. Ida Ruth Huddleston, 81, and her husband used lumber from their land to build a three-story cabin in 1978. Since before the Civil War, her family lived on the land. She grew up on tobacco fields and raised her kids on them, too. Huddleston and her daughter, Delsia Bare, live in the house together alone. Widowed from their husbands, they look after each other.

Last May, a local real estate agent showed up at their door and offered them a contract on behalf of the new energy customer, along with a warning: If they didn't sell their land, the East Kentucky Power Cooperative (EKPC) might be able to take it using eminent domain.

Growing up, Bare watched her parents' farmland get portioned off by em-



Above: Dr. Tim Grosser, a farmer in Maysville, Ky., has lived on 250 acres outside Maysville since 1988. His son, Andy, lives in a newly built home nearby. Both are refusing to sell their land for a data center developer. (photo submitted)

inent domain when the county claimed some of it for a landfill.

"If we take the money, it hurts our neighbors," Bare said.

Agonizing over their decision, they took the deal because they felt like they had little choice. They wanted to get ahead of what they might stand to lose, so they signed the contracts, unsure of exactly what their land might be used for.

Some farmers have signed contracts, others have not. The area's economic development director said Mason County is one of seven places up for the project. It will likely make a choice by June 2026.

Last spring, farmers first heard about a company interested in their farmland as eight residents across a 5,000-acre area outside Maysville were approached by Mason County officials who encouraged them to sell their land for an unspecified industrial development project.

At that time farmers in the area had no clue as to what type of venture was moving into the area. Rumors began to spread around Maysville as early as last July. Was it a solar farm? A penitentiary? A landfill? Furthermore,

(Data center continued page 2B)

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University of Illinois using seed banks to study corn kernel composition

URBANA, Ill. – University of Illinois Urbana-Champaign corn breeders know profitability is about more than yield. By tweaking kernel composition, they can tailor corn for lucrative bio-tech applications, industrial products, overseas markets, and more. But to efficiently unlock these valuable traits, breeders must first understand their genetic underpinnings.

Traditional corn breeding usually takes years and requires acres of replicated trials, not to mention federal funding to support the research. But tapping into public genebanks and shared data, along with modern computational tools, can dramatically speed up the process.

Corn breeder Martin Bohn, professor in the Department of Crop Sciences in the College of Agricultural, Consumer and Environmental Sciences at Illinois, recently led a project exploring kernel composition in nearly 1,000 diverse maize inbred lines from the USDA-ARS North Central Regional Plant Introduction Station in Ames, Iowa. The collection is part of the nation's system of seed banks – including two major collections housed at Illinois – representing many thousands of high-quality crop genotypes that are freely accessible to researchers.

Using near-infrared spectroscopy and publicly available genomic data, the team, which included undergraduate researcher Stephen Gray, identified genetic regions influencing both the average values and the variability of key kernel composition traits.

“Seed banks contain an incredible amount of genetic diversity, but they are often underused for quantitative genetics and breeding,” Bohn said. “Our results show that these resources can be used effectively to generate meaningful genetic insights, even before launching large, multi-year field experiments.”

Because seed bank accessions are typically available only in small quantities, often as packets of 100 seeds from a single genotype, the study relied on unreplicated seed samples, a situation traditionally viewed as a major limitation in scientific studies. To address this challenge, the researchers validated their findings by comparing their results with large, replicated field studies conducted by other research groups. Strong agreement between studies confirmed that the unreplicated data captured real genetic signals.

“We compared our estimates with a huge replicated field experiment by colleagues in Minnesota that overlapped with 200-300 of the lines we used from the NCRPIS collection,” Bohn said. “We found that the correlation between their kernel data and ours was actually pretty high, so it gave us confidence that our data is actually meaningful and can be trusted.”

The team applied genome-wide association studies, variance-based genetic analyses, and genomic prediction models to identify both well-known and previously unreported genomic regions associated with kernel composition traits.

“Many of the signals we found were in regions where genes had already been identified for the traits that we were interested in – protein, starch, oil and some others – so it confirmed that our analysis was on the right track,” Bohn said. “But we also found new ones. This is cool because these are new candidate genes we can explore further.”

The fact that the study uncovered new breeding targets is just one reason Bohn and his colleagues are excited about the research.

Doctoral student Christopher Mujjabi, a co-author on the study, said the work highlights a shift in how breeding research can begin. “Instead of starting with years of replicated field trials, researchers can first explore what’s already stored in gene banks,” he said. “That helps prioritize the most promising material and makes breeding programs more efficient.”

The findings demonstrate how public germplasm collections, high-throughput phenotyping, and shared data can be combined to accelerate crop improvement, particularly for traits tied to nutrition, processing quality and emerging specialty markets.

Bohn added, “We have developed a pipeline that allows researchers to utilize the genetic treasures that are located in our gene banks. You don’t always have to do an elaborate experiment as a first step. You can get an idea of what is in that collection, dive into the really interesting materials, and then utilize these for further studies.”

The study, “Mean and variance heterogeneity loci impact kernel compositional traits in maize,” is published in The Plant Genome (DOI: 10.1002/tpg2.70131).



Above: Opponents of the proposed data center in Maysville, Ky., posted signs across the county, urging farmers to say no to offers to purchase their land. (photo submitted)

Data Center

FROM PAGE 1B

nobody knew who owned it or when it would come.

Thirty frustrated farmers and landowners gathered in the shade of a neighbor’s garage last May and began trading grievances and speculation about a cash-rich new development with its sights on their land. And they all agreed on one thing.

“Something this big shouldn’t be kept quiet,” Max Moran said.

Desperate for an answer, residents started piecing together clues. Neighbors cross-referenced information. The project, whatever it was, would need huge amounts of water, which would explain its proximity to the Ohio River.

In June, after scouring through online public records, they discovered a new customer was requesting service from the EKPC for a 2.2-gigawatt project in Mason County, nearly doubling its annual generation capacity. By mid-summer they connected enough dots to uncover the mysterious new customer: a hyperscale data center.

The state legislature passed a measure earlier this year granting tax exemptions for certain data center projects, making

the state an attractive place to build.

While many communities scramble for such data center projects in hopes the revenue will jumpstart their local economy, those in and around Maysville worry it will change the fabric of their community.

Staci Wood Clements, who lives on a Mason County farm, worries that once the farmland is turned over for development, it’ll be gone forever, and that a data center won’t bring farmers much in return.

“I’m not anti-technology at all, but I’m super skeptical when something rolls in and it feels like it has more whispers, more legal muscle, than community support,” Clements said. “When farmers are told that their land is more valuable as concrete than soil, that concerns me.”

Data centers are lured to rural areas by the promise of cheap land. Increasingly, data centers are being built to host artificial intelligence platforms from companies including Meta and Google, accelerating the demand for massive amounts of power.

Some data centers succeed with such buyouts, others fail. One large data center was proposed in Oldham County recently but opposition shut it down. Others, like one being built south of Louisville, proceed.

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Illinois research uncovers harvest and nutrient strategies to boost bioenergy profits

URBANA, Ill. – To meet ambitious U.S. Department of Energy targets for sustainable aviation fuel (SAF), production of purpose-grown energy crops must ramp up significantly. Although researchers have made substantial progress in understanding the management and conversion of these crops, key knowledge gaps hold the industry back. Now, two new studies from the University of Illinois Urbana-Champaign help fill in the blanks for Miscanthus and switchgrass management.

“We have come a long way in our understanding of purpose-grown energy crops for SAF, but we still need to optimize agronomic management practices, like harvesting and nutrient management, to reduce production costs and incentivize growers,” said D.K. Lee, senior author of both studies and professor in the Department of Crop Sciences, part of the College of Agricultural, Consumer and Environmental Sciences at U. of I.

Previous studies have been limited in spatial scale or focused on the first years after establishment, early in the perennial life cycle. But Lee’s group is working to provide more realistic, long-term solutions to maximize biomass productivity and grow a more sustainable fuel industry.

In the first of two recent studies, Lee’s team conducted an economic and environmental analysis of two harvest methods for switchgrass.

“Harvesting operations account for 60-80 percent of the total production costs for switchgrass,” said Mu-

hammad Umer Arshad, postdoctoral researcher in Lee’s group and first author on the Bioresource Technology paper. “We wanted to understand why the harvesting cost is so high and how each operation contributes to cost, energy use, and greenhouse gas emissions, as well as identify where reductions are possible.”

Arshad explained that switchgrass harvesting can happen via the stepwise method, in which tasks like mowing, raking, baling and roadsiding are separated into individual operations; or the integrated method, which uses different equipment to consolidate mowing and raking into one pass. Hypothetically, an integrated approach could reduce effort, energy consumption and costs. But, after analyzing data from 125 Virginia commercial-scale sites varying in field size and biomass yield, Arshad found a more nuanced answer.

“We found that the integrated method makes more sense for smaller fields (less than 3 hectares, or 10 acres) and low-yield (less than 3.2 tons per acre) conditions, reducing GHG emissions by 9 percent and energy use by 5 percent,” Arshad said. “The stepwise method was better for large fields with high biomass yield, reducing harvesting costs to \$37.70 per ton and achieving the lowest GHG emissions.”

The costs were estimated assuming the farmers are using their own machinery, tractors, and harvesting equipment.

Lee added that the results reveal the importance of tailoring harvest-

ing strategies to site-specific conditions and provide the first evidence-based guidance that harvest methods can improve both economic and environmental outcomes.

In a separate study published in Biomass & Bioenergy, the team tackled age-related declines in Miscanthus biomass yield, a function of tiller (stem) mass and density. These long-lived perennial grasses follow a predictable growth trajectory, including a juvenile stage that builds over several years to reach peak biomass yield, followed by a slow decline after about 10 years. Until now, it wasn’t clear which components of yield change over time and how nutrient management might help.

Postdoctoral fellow Nictor Namoi analyzed data from a long-term Miscanthus trial with nitrogen fertilization treatments that varied in amount and timing. First, he looked at how tiller mass and density changed over time and with various nitrogen treatments. Then, he asked what other soil fertility factors may influence the decline in biomass yield in older stands.

“We found that both tiller mass and density increase from the first year of establishment to the fourth year, and if you apply nitrogen, you get an increase in both factors,” Namoi said. “But over time, as you withdraw nitrogen by harvesting biomass, the first component to be impacted is tiller mass. So, tiller mass is very sensitive to nitrogen management.”

Namoi added that tiller density

continues to increase until individual stands become saturated, with no more space for further expansion. After that point, biomass yield is determined by tiller mass.

He noted that the decline in biomass yield over time may not be entirely tied to nitrogen. With every harvest, soil nutrients tied up in plant biomass are removed from the system, depleting elements that play a role in photosynthetic efficiency. When Namoi analyzed soil phosphorus and potassium in mature Miscanthus stands, he found significant deficits in both essential nutrients.

“Our findings identify tiller mass as a key determinant of biomass yield in aging Miscanthus and highlight the need for nitrogen, phosphorus, and potassium management for long-term productivity,” he said.

Both studies provide practical guidance to increase profitability, a key factor for any producer looking to explore biomass crops.

The first study, “Optimizing bioenergy biofuel harvest: a comparative analysis of stepwise and integrated methods for economic and environmental sustainability,” is published in Bioresource Technology (DOI: 10.1016/j.biortech.2025.133288).

The second study, “Soil fertility management for sustainable Miscanthus × giganteus production: Increased tiller weight from nitrogen management explains yield gains in aged miscanthus,” is published in Biomass & Bioenergy (DOI: 10.1016/j.biombioe.2025.108394).



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The following deadlines will be in effect for the January 9th issue for classified and regular display advertising:

Regular Display Advertising
Wednesday, December 31st, 12 Noon

Classified Advertising
Friday, January 2nd, 11 AM

Dairy economist: Milk production margins decreased for second month

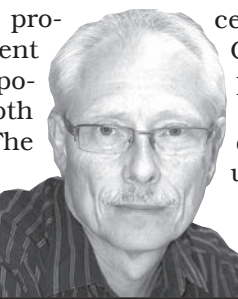
You'll recall October milk production was up 3.7 percent from a year ago. Milk components were also up and both left plenty for processors. The USDA issued both the September and October Dairy Products reports this week, due to the government shutdown, and they show where the milk was used.

October cheese output totaled 1.261 billion pounds, up 3.7 percent from September's output which amounted to 1.216 billion pounds, up 5.6 percent from a year ago after only being up 0.5 percent in August. October output was up 3.2 percent from October 2024. Total output in the 10 months hit 12.2 billion pounds, up 2.2 percent from 2024.

Wisconsin vats provided 309.4 million pounds, up 2.8 percent from September, but down 1.8 percent from October 2024. California produced 204.5 million pounds, up 0.8 percent from September and virtually unchanged from a year ago. Idaho cheese, at 91.8 million pounds, was up 9.2 percent from September, but 2.8 percent below a year ago.

Mozzarella production totaled 419.1 million pounds, up 3.4 percent from a year ago. American cheese, at 494.0 million pounds, was up 4.2 percent from September, and up 2.3 percent from a year ago. Italian style cheeses totaled 535.3 million pounds, up 3.7 percent from September and 4.8 percent above a year ago.

Cheddar output climbed to 329.6 million pounds, up 4.3 million pounds or 1.3 percent from September, and up 2.2 million or 0.7 per-



MIELKE MARKET WEEKLY
By Lee Mielke

cent from a year ago. September Cheddar totaled 325.3 million pounds, up 7.0 percent from a year ago. YTD Cheddar production hit 3.3 billion pounds, up 5.0 percent from 2024.

Butter output jumped to 185.8 million pounds, up 6.7 million pounds or 3.7 percent from September, and up 17.1 million or 10.1 percent from a year ago. September output came in at 179.1 million pounds, up 11.6 percent from a year ago. YTD butter output came in at 1.98 billion pounds, up 6.5 percent from a year ago.

October yogurt production totaled 450.0 million pounds, up 7.4 percent from a year ago. Hard ice cream, at 60.9 million pounds, was down 3.0 percent from 2024.

Dry whey output slipped to 67.7 million pounds, down 1.4 million pounds or 2.0 percent from September, but was up 1.4 million pounds or 2.1 percent from a year ago. YTD whey hit 694.6 million pounds, down 3.5 percent from a year ago. Stocks totaled 50.1 million pounds, up 400,000 pounds from September or 0.7 percent, but were down 500,000 pounds or 1.1 percent from a year ago.

Nonfat dry milk output climbed to 122.7 million pounds, up 4.5 million or 3.8 percent from September, but was down 2.0 million pounds or 1.5 percent from a year ago. NFDM YTD came in at 1.4 billion pounds, up 0.2 percent from 2024.

Stocks fell to 210.4 million pounds, down 12.1 million, or 5.4 percent from September, but up 20 million

(Mielke continued on page 13B)

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By Stan Maddux
Indiana Correspondent

Justin Click is owner of JC Tractor Restoration and Repair, a company he started about 20 years ago at his shop in Hobart in the northwest part of the state. He and his five employees work mostly on tractors from 1910 to 1930 along with antique trucks and

Rumely, famous for its gasoline

"I don't think in the 20 years I've been doing this there hasn't been a Rumely

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Above: Justin Click restores and repairs primarily tractors made from 1910 to 1930 at his Indiana shop.

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TRACTORS: 2018 John Deere 8245R Tractor-920 hrs, 245 HP, 3 pt, quick hitch, 1,000 PTO, 5 remotes, rear duals, front fenders, cab, heat, air, Bluetooth radio, Active seat, instructional seat, HID lights, suspension seat, adjustable steering column, block heater, dual radar, **"SECOND OWNER TRACTOR"** SN#1RW8245RLHP130632; 2015 John Deere 8245R Tractor-2,250 hrs, 250 HP, Powershift, rear duals, front fenders, 4 remotes, 1,000 PTO, 3 pt, quick hitch, Cab, heat, air, radio, Active seat, instructor seat, HID lighting, adjustable steering column, block heater, ****ONE OWNER**** SN#1RW8245RLFP103573; 1981 International 3088 Tractor, 2 remotes, 540 PTO, 3 Pt, rear duals, lights, open station, SN#2480003U00165; **HARVEST EQUIPMENT:** 2013 John Deere S550 2002 Engine Hours, 1224 Separator hours, Front singles, bin extensions, contour feeder house, rear straw chopper, rock trap, single point header hookup, heat, ac, radio, instructional seat, under seat cooler, rear camera, auto guidance ready, ****ONE OWNER****; 2013 John Deere 606C Corn Head, 6 row, single point hook up, poly snouts, lights, used this year for harvest, SN#1H00606CEDX755525; 2013 John Deere 630F Poly full finger auger, poly finger reel, fore aft reel, marker lights, PTO drive, single point hookup.; Unverferth Manufacturing HT30 Header Cart, adjustable beam height, adjustable stops/rests, rear lights, front steer, extendable hitch; 2006 J&M 385 SD Gravity Wagon, 385BU wagon with lights, front ladder roll tarp side discharge, lights, and brakes, 425/65R22.5 tires; 2006 J&M 385 SD Gravity Wagon, 385BU wagon with lights, front ladder roll tarp side discharge, lights, and brakes, 425/65R22.5 tires; 2006 J&M 385 SD Gravity Wagon, 385BU wagon with lights, front ladder roll tarp side discharge, lights, and brakes, 425/65R22.5 tires; 2006 J&M 385 SD Gravity Wagon, 385BU wagon with lights, front ladder roll tarp side discharge, lights, and brakes, 425/65R22.5 tires; 1996 J&M 350 SD Gravity Wagon, 385BU wagon with lights, front and rear ladders roll tarp side

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discharge, lights, and brakes, 425/65R22.5 tires; **PLANTERS:** 2018 John Deere 1795 Planter, 12/24 row, bulk fill, with loading conveyor, Vac system Max Emerge 5, double disc openers, no-till coulters, 1 Spike closing wheel, 1 rubber closing wheel, corn discs and bean discs, lights, was used this year, *SECOND OWNER* SN#1A01795AKFA760169; 2013 1770NT 12/30 Planter, used for corn, Vac system, precision corn meters, Martin row cleaners, on seed fertilizer, 3 bushel boxes, Pneumatic down pressure, Red Ball system, 1 Spike closing wheel, 1 rubber closing wheel, corn discs and bean discs, was used this year, *ONE OWNER* SN#1A01770WTM750188; **SPRAYERS:** 2011 Fast 9613 Pull Type Sprayer 90Ft Booms, 1350-gallon tank, Hydraulic drive quick connect fittings, T Jet nozzles, induction tank, *ONE OWNER* Tri-State Liquid Tender tandem axle 1400 gallon tank, 15 gallon inductor tank, Briggs and Stratton 2 inch pump, gas engine, front tote storage rack, quick connect fill; Tri-State Liquid Tender Tandem Axle, 1000 gallon tank, 2 Inch Gas pump, quick connect fill and discharge, **TRUCKS:** 2012 Ford F350 SD XLT Truck-132,705 miles, bumper hitch, 4X4, long bed, standard cab, power windows, power locks, heat, air, radio, Boss Power-V XT 8 Ft. 2 In. snow plow, hooked up and operational controller in cab, *ONE OWNER VIN#1FTRF3B69CEB72883; 2005 Dodge Ram 2500 truck-77,680, standard cab, long bed, 4X4, 5.7 Hemi Engine, power windows, power locks, heat, air, radio, *ONE OWNER* VIN#3D7KS26DX5G829398; **TILLAGE EQUIPMENT:** 2017 Great Plains 2400 Turbo-Max, 24 Ft working width, hydraulic raise & lower, hydraulic fold, lights, rear rolling basket, SN#GP-C6553H; 2011 KONGSKILDE VIBRO TILL 2900 Cultivator, 26 Ft 8 In working width, rear double rolling baskets, hydraulic raise & lower, hydraulic folding, SN#002141; Remlinger Strip Till Bar, 3 Point mount 14ft working width, 30 inch spacing, 6 row, rear rolling baskets, *ONE OWNER* YETTER 3530 Rotary Hoe, 30 Ft working width, 3 pt, hydraulic folding, lights; Glencoe Soil Saver Cultivator, pull type, hydraulic raise and lower, single section, rear Remlinger Coil tines, 15-inch row spacing front mounted disc blades;; John Deere 915 Ripper 7 Shank 20 inch spacing, rear coil tines, 3-point mount;; Unverferth 300 Implement Caddy 3-point mount, pull type caddy, hydraulic lift;; International 720 5 Bottom Plow, 2-point mount, Rear wheel, hydraulic raise lower; **AUGERS:** J&M Elevator Honda Gas Engine towable, adjustable height;; 2020 MAYRATH 10X63 Auger, self-driven swing away, 2 remotes for swing away, 540 PTO, 10 In, 63 Ft. SN#HU02A471924720

LICENSED BY THE OHIO DEPT OF AGRICULTURE
AUCTIONEERS: GRANT & ORRIN BUSSEY & MIKE BAKER

The sun will finally begin to rise earlier starting on Jan. 11

If New Year's Eve night wind blow south,
It betokeneth warm and growth;
If west, much milk, and fish in the sea;
If north, much cold and storms there'll be;
If east, the trees will bear much fruit;
If north-east, flee it, man and brute.
Folk Rhyme

Sun Time: On December 26, daylight begins to increase for the first time since the end of June. Sunrise, however, keeps taking place slightly later up until New Year's Eve. After that, sunrise remains at the same time until January 11 when the Sun finally starts to rise earlier. At that point, the reversal of the Sun's course and the 40-day vigil for its turn toward summer are complete.

The Stars: In Deep Winter's January, Orion's giant figure fills the southern sky at 11p.m. To his right, the red eye of Taurus (the star Aldebaran) leads the way. Behind him comes Canis Minor and its brightest star, Procyon.

Weather Time: The January 1 Front: The first front of the calendar year should bring the most troublesome weather of this winter. Expect snow, sleet and ice.

Zeitgebers: Events in Nature that Tell the Time of Year: As daylight starts to increase, spring is waiting: new daffodil and tulip leaves lie just below the surface of the mulch, and the tips of crocus crouch in their beds. Dock, leafcup, buttercup, mint, ragwort, sweet rocket, plantain, thistles, great mullein, moneywort, red clover, celandine, forget-me-not, wild onion, henbit, and ground ivy foliage push every-so-gradually toward March. Multiflora rose buds swell in the sun. One or two pussy willow catkins crack in the thaws. In warmer microclimates, moss can be long and flushed. In the swamps, wild iris spears stand strong around the broken strands of lizard's tail.

Farm and Garden Time: As the barometer falls in advance of winter cold waves, seeds should be especially eager to sprout. Pruning gets underway as average highs in your area drop into the 30s; it continues until highs climb once again past 40. Take out suckers, dead and crossing branches. Cut fruit trees down to the right level for picking, but don't prune what will bloom before June.

The full force of winter may bring livestock into the barn much more often. Avoid overcrowding in order to cut down on the possibility of pneumonia. And keep adequate ventilation in any closed area your animals use on a regular basis. If you haven't already done so, treat for mites and lice when you bring animals in from the cold.

Mind and Body Time: Pines pollinate across the South, and allergy season begins as those allergens travel north on winds from the Gulf. Begin tracking allergic reactions as the winter progresses; you may be able to narrow your window of sensitivity to certain blooming trees and flowers and be better prepared next year.

Creature Time: Increase the amount of feed at your bird feeders, and listen for the sharp calls of the tufted titmouse announcing the mating season. In the weeks ahead, keep alert for flocks of birds stopping by your yard, blown off course by storms. And listen for sandhill cranes flying over you.

Journal
By the end of the day, all the snow that had covered the ground throughout December, melted in a grand and wonderful thaw. The cold had lasted 28 days, the month more than six degrees below normal.

Walking around the yard, I found

that some things were a little flatter than they had been in November. A few late Osage leaves, covered before I was able to rake them, were matted, sodden and dark. Celandine, lungwort, lamb's ear, parsley, and sweet rockets had all their leaves pushed akimbo. My neighbor's lily-of-the-valley foliage had been pressed to the ground by the storm on the 13th, leaf tips forced to point east by the hard west wind.

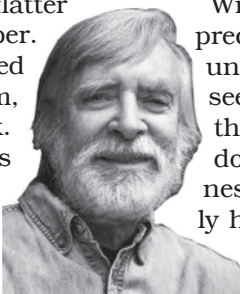
The New England asters and the white boneset had been bent by the snow, and now they were prostrate to seed the soil around them. The oak-leaf hydrangea and knotweed leaves had taken a beating, were half of what they were before December. Almost all of the honeysuckle berries had fallen, cluttering the sidewalk.

Each of those changes marked steps in the passage of the year, but also uncovered was the perennial life that had remained at the end of the soft November, reassuring reminder of what the winter cannot touch.

After just three days of thaw, including one sunny afternoon in the 60s, the grass was still half green, just like it was at Thanksgiving. The precocious pussy willows that had opened a crack in October were opening a little more. The lamium and the mint were standing tall and strong. The hellebores near our south property line had risen back to their autumn height.

Creeping Charlie was ruddy but creeping. Japanese honeysuckle and winterberries had been darkened by temperatures near zero, but were still firm. Chickweed was bright between the bricks in the outdoor patio. Pachysandra was upright and budded. Garlic mustard had not been touched by all the cold, stood defiantly against mustard pullers of April. Blood-red peony buds still crouched in the peony garden. Waterleaf peered out from the mulch.

Almanack Classics
Winter in the Country
by Jeffery Goss, Jr., Springfield, Missouri



POOR WILL'S ALMANACK
By Bill Felker

Winter is easily the least appreciated of all the seasons. The under-appreciation of winter seems to have less to do with the cold temperatures than it does with the apparent dullness of the landscape. You really have to look closely at nature to notice the activities of life.

In spring or summer, finding a blooming flower is no challenge at all; you might even be able to do it with your eyes closed. In Deep Winter, though, you have to look around. You may find a witch-hazel in blossom by the creek, or a purple henbit flower in the field. You may even find the pollinating cones of pines or the tiny fructifications of a moss. These, too, are "blooming."

Walking through the woods and brush is easiest in wintertime, due to the absence of tall annual weeds, and the dormancy of biting insects. The

only insects you're likely to see are a few ladybugs, craneflies, camel crickets and perhaps an occasional moth.

With the leaves fallen, sounds tend to carry far. On a calm day in late winter, listen to the surroundings. Listen to hear the laughter of distant chickadees, the chatter of distant starlings, even the familiar sounds of far-off dogs. Look up into the tree canopy to see the bittersweet vines with their orange-red berries swaying in the wind, and see the distinctive bark patterns of branches as they can be viewed only from below. Smell the smoke of unseen fires, perhaps from some unseen chimney over the ridge.

For a time in winter, the curtain is lifted on the complex stage of the natural world as it is; we are allowed to see it plain and unadorned. Then comes spring ever so softly, and the heavy green curtain is eased into place once more.

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DECEMBER

30 FARM EQUIPMENT. LaGrange County, IN. Contact Mark Schroeder 260-564-0570.

JANUARY

1 PERSONAL PROPERTY - TIMED ONLINE ONLY. Allen County, IN. Contact Mike Roy 260-437-5428.

3 FARMEQUIPMENT. Steuben County, IN. Contact Robert Mishler 260-336-9750.

4 PERSONAL PROPERTY - TIMED ONLINE ONLY. Allen County, IN. Contact Stephanie Swinehart 260-433-8117.

9 FARMEQUIPMENT. Fayette County, OH. Contact Chris Sulzener 330-636-1710.

FEBRUARY

5 FARM EQUIPMENT CONSIGNMENT - VIRTUAL AND TIMED ONLINE. Various Locations. Contact Eric Ott 260-413-0787 or Robert Mishler 260-336-9750 or Mark Schroeder 260-564-0570.

21 FARM EQUIPMENT. Whitley County, IN. Contact Ritter Cox 260-609-3306.

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MSU honors soil 'heroes' for environmental practices

By DOUG GRAVES
Ohio Correspondent

PETOSKEY, Mich. – Former Michigan State University (MSU) professor George Bird is known across the country and internationally for his work with sustainable agriculture and working with farmers to support environmentally sound agriculture. Bird once said that “environmentally sound agriculture begins with a healthy soil.”

With this in mind, MSU created the G.W. Bird Family Foundation Hero Award in 2022, awarded to those considered “heroes” of soil care and health. For 2025, the awards were presented to Brian and Anne Bates, of Bear Creek Organic Farm in Petoskey; Pat, Jim and Matt Graham, of Graham’s Organics in Rosebush; and Bruno Gasso, a distinguished professor at MSU.

“To be a soil ‘hero’ you must be on the cutting-edge of sustainability,” said Bird, whose foundation handed out the awards in a Nov. 21 ceremony. “We need to be mindful of the soil so we can have a healthy world in the future. The soil

heroes that we’ve chosen have each contributed in a highly efficient way toward the current and future well-being of agriculture.”

Brian Bates, Bear Creek’s farm manager, and his wife, Anne, its designer and brand manager, bought 75 acres of unproductive, neglected land a few miles outside of downtown Petoskey in December 2012 and began the arduous journey of transforming that land into a prosperous farm.

The couple started with a vision of sustainability before they even found their dream property in Petoskey. At Penn State University, Brian took classes in sustainable agriculture, soil science and landscape architecture. An art professor at North Central Missouri College, Anne used her skills in creative management to communicate their commitments to local, organic agriculture.

They started with a pole barn that also served as their house for several years. Potted herbs, microgreens and honey made up some of their earliest offerings.

A year after purchasing the acreage, Bear Creek became Petoskey’s first cer-

tified organic farm. After adding several hoop houses and greenhouses and a dedicated staff, Bear Creek was able to offer a variety of produce and prepared foods. Today, they’re Michigan’s only B Corp Certified farm, meeting a rigorous global standard of “social and environmental performance, accountability, and transparency” after a month-long audit. Bear Creek is also Petoskey’s first Real Organic Project-certified farm.

Brian and Anne have used solar panels to produce some of the farm’s power for years. They reuse loads of black plastic trays and pots or take them back to East Jordan Plastics, where they’re produced for recycling.

“Environmental health is at the forefront of our business decisions,” Brian said.

Bear Creek Organic Farm is proof that organic farming can be highly productive from spring to fall. In May, the farm is alive with hundreds of annuals and perennials, with fresh greens like kale, radishes, potatoes and garlic. In June, the farm harvests fresh basil, snap peas, strawberries and cherry tomatoes. By July, Bear Creek grows an abundance of summer squash, green beans, cucumbers, chard, lavender, blueberries and carrots. The heat of August brings the farm melons, onions, basil, peppers and dill. Winter squash, potatoes, eggplant and spinach are also grown on the farm by September.

The Graham family has been farming in the Rosebush area for more than 100 years. By the mid-1960s, they boast-



Above: Brian Bates (shown) and his wife, Anne, turned 75 acres of unwanted, neglected land in Petoskey, Mich., into a highly prosperous organic farm. (photo submitted)

ed an expanded dairy and milk center. In the early 1990s, the farm had seen a few years of hard times. These hard circumstances, the advice from a forward-thinking soil consultant, and the growing conviction that current trend of chemical-focused farming wasn’t good for the soil, had Jim and Pat thinking about doing things differently. And they did, leaping into organic farming, using a cultivator rather than chemicals.

“We chose to farm in a way that benefits the soil, our animals, and ultimately the people who consume the meat we sell,” Jim said. “It was right for the animals, for people and for the earth.”

It took a few years, but by 1995 the Grahams had their first certified organic field (certified through the Organic Crop Improvement Association, or OCIA). The following year they had 250 certified acres and then took steps to become a fully organic farm.

In 1999, they began raising Black Angus cattle. After producing feed for only their own livestock for years, in 2008 they responded to market demand by creating their own feed mill.

Today, Jim and Pat, in partnership with their son, Matt, farm 1,400 acres of corn, soybeans, oats, alfalfa and spelt, as well as several acres of clover and grasses – all organically. Their en-

(Soil Heroes continued on page 14B)



Above: Brunno Basso (right) accepts the Soil Science Research Award from the Soil Science Society of America (SSSA) earlier this year. At left is SSSA president Michael Thompson. Basso was also recipient of the G.W. Bird Family Foundation Hero Award, given to those considered “heroes” of soil care and health. (photo submitted)

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Farmer explains how variety in cover crops can pay dividends

By **TIM ALEXANDER**
Illinois Correspondent

PEORIA, Ill. – According to Keith Berns, a Nebraska farmer, tailoring a multi-species cover crop mix to meet an operation’s particular needs, wants and limitations can help produce a more resilient, productive and profitable cash crop. Berns, known for sharing his years of on-farm experience, research and innovation, explained during a recent public webinar why diversity matters in cover crop systems.

“If soil health is your goal and you’re thinking about doing cover crops, it’s difficult to overstate how important crop diversity is going to be in accomplishing that goal. Plants are created to thrive in diverse ecosystems, and when you have diversity you have a lot of resilience,” he said.

Berns told farmers that it is important to design species mixes that match your goals, including grazing, nutrient cycling, weed suppression or other scenarios. Balancing simplicity, cost and performance, he said, is essential to a successful cover crop strategy.

“With diversity you can be resilient to diseases, insects, (and) drought. And we want a balanced diet for our soil biology, because even good things like legumes and brassicas, if not in balance, can be harmful to (soil) biology and soil structure. And it is really difficult to balance a cover crop if you’ve only got one thing in there,” Berns said.

Berns alluded to the Jena Experiment, an ongoing German research project exploring diverse biosystems in the world. The research has extended for decades, meaning years of data collection are available to compare single-species to multi-species

crops. Researchers found that as the number of diverse crop species in a farm ecosystem is increased, biomass production increases exponentially.

“What they see is a steady increase as you add diversity. Doesn’t necessarily mean you’re adding more overall seed, you’re adding more diversity,” Berns said. “This helps your biomass go up, and as your biomass increases we generally see other benefits, whether it is erosion prevention, nitrogen fixation, weed suppression...all of those goals are going to go up with your aboveground biomass, because it is increasing the belowground benefits in proportion to the biomass. We see more of this through diverse (cover crop) mixes.”

Research provided by the Jena Experiment (<https://the-jena-experiment.de/>) has shown that biomass can continue to accrue through a cover crop mix of up to 16 varieties before a tapering off in benefits, according to Berns, with as many as 64 cover varieties mixed for testing.

Plant diversity also has a positive effect on other organisms in a farm ecosystem, he added. With Project Ignite, the Ecdysis Foundation is building on their 1,000 Farms Initiative to push regenerative research further than ever. Ecdysis research done on regenerative farms show that the diversity of insects can “explode” through the benefits of cover crop variety.

“When we create an environment that promotes diversity, insect diversity is going to be a benefit to that system. Diverse (plants) release diverse compounds that result in more carbon sequestration, more microbial activity and more nutrient availability. If you want to cycle nutrients, cover crops are important in doing

that. But it’s not the cover crop itself that’s doing that, it’s the microbiome, the bacteria and the fungal populations that the cover crops are supporting that are going to make those nutrients available for your next crop,” said Berns, adding that cover crop diversity can help reduce risks from flooding, as well.

He further noted that with no price relief in sight for many farm fertilizers, those who are on the fence about cover crops should consider input cost savings to be among their top benefits.

“Adding a diverse cover crop mix with the appropriate biological community can really help reduce your need for external inputs,” Berns said during the Dec. 9 webinar, Mix it Up: Unlocking the Power of Cover Crop Diversity.

“Cover crops allow you to introduce all this diversity without needing specialized equipment, specialized knowledge or specialized markets. If you’re going to try to increase your

diversity with your cash crops, you’re going to need one of those things or maybe all three, and then you’ve got to sell it somewhere. It’s so much easier to add the diversity through the cover crop mix.”

Berns’ business, Green Cover, is a cover crop seed company dedicated to providing custom seed mixes to fit any cover crop situation. To reach Berns with questions, or learn more about his business, visit www.greencover.com or email Keith@greencover.com.



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277, HRES IN Auct. Lic. #AC69200019 HLS#AJJ-13184





LIVE EQUIPMENT AUCTION

HAUPERT FARMS INC.

PREVIEW OF FARM EQUIPMENT:

THURS. JANUARY 8TH | 10 AM - 3 PM
FRI. JANUARY 9TH | 9 AM - 11 AM
LOCATION: 10690 N 175 E (HAUPERT FARM)
NORTH MANCHESTER, IN 46962

DAY 1 AUCTION: FRI. JANUARY 9TH | 12 PM
AUCTION HELD: MANCHESTER EVENT CENTER
11758 IN-13, NORTH MANCHESTER, IN 46962





COMBINE & HEADS: 2024 S760 JD COMBINE, 2014 JD 608C CORN HEAD W/HEAD CART, 2020 MACDON 35FT DRAPER GRAIN PLATFORM W/J&M HEAD CART, **TRACTORS:** 2022 JD 8R 340, 2013 JD 6190R 2WD, 2009 JD 8295 FWA, 2004 JD 9420 4X4, 1971 JD 4320, 1966 JD 4020. **SPRAYER:** HAGIE STS 10. **PLANTER & DRILLS:** 2014 JD 1775 NT 16X30, 2012 3660 KINZE 40FT SPLIT ROW, 1997 (TANDEM) JD 750 DRILLS W/HOUCK HITCH. **TILLAGE:** 2024 YETTER ROTARY HOE, 2022 JD 2680 HIGH-SPEED DISK, 2019 SUNFLOWER 42FT CULTIVATOR, 2019 42FT BRILLON CRUMBLER, 30FT SUNFLOWER DISK. **MOWER & ROTARY CUTTER:** 2016 JD R280 9FT DISC MOWER, BUSH HOG 2720. **MANURE EQUIPMENT:** KUHN 6500 TANK W/5 KNIFE INJECTOR, HOSE REEL, MARLOW PUMP & HOSES. **AUGERS:** 2021 MAYRATH HX72"X10" W/SWING-A-WAY, HUTCHINSON 31"X 8". **MISC:** JD SKID LOADER, PALLET FORKS, GRAPPLE BUCKET, 2019 JD GATOR, CAT 426 BACKHOE **TRUCKS & TRAILERS:** 2022 CHEVY SILVERADO, 2008 CHEVY 2500HD, 2001 CHEVY, 2005 PETERBILT 385, 1990 WHITE GMC, 1992 IH TANDEM W/GRAIN BED, DUMP TRUCK, GRAIN/DUMP TRAILER 34'

DAY 2 AUCTION: SAT. JANUARY 10TH | 10 AM
AUCTION HELD: 10690 N 175 E, NORTH MANCHESTER, IN 46962


TRACTORS: FARMALL SUPER M-TA, FARMALL 350 W/TORQUE, FORD 8N, **LAWNMOWERS:** GRASSHOPPER 900D, TORO Z MASTER, JD 322, WHEELHORSE 14. **LIVESTOCK EQUIPMENT:** JD 785 MANURE SPREADER, BETTER BUILT 2100 MANURE TANK, ART'S WAY 475 FEED GRINDER HOG TRAILER, SILAGE WAGON. **TILLAGE:** IH 720 6-18'S, JD 400 ROTARY HOE, IH 12' DISK, **SPRAYER:** SADDLE TANKS, REGENT INSECTICIDE APPLICATOR, **WAGONS:** 250 BU. SEED TENDER, (2) KILLBROS 250 BU GRAVITY WAGON, HAY WAGONS. **MISC:** YAMAHA GRIZZLY 450 QUAD, 2001 UTILITY TRAILER, SNOW MOBILE PLOW, BLOWER & TRAILER, BUSH HOG TILLER, FREEMAN GRADER BLADE


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EQUIPMENT QUESTIONS? Contact Rusty Harmeyer: 765.561.1671



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AUCTIONEER: RUSSELL D. HARMEYER IN AUCT. LIC. #AU10000277





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UPCOMING AUCTIONS

FULTON CO, IN: JANUARY 7 (ONLINE) 139.34+/- Acres
Productive Farm w/ 7 Tower Irrigation System • Tillable Acreage
Contact: AJ Jordan: 317.697.3086, Nolan Sampson: 219.575.1486, Jon Rosen: 260.740.1846 or Larry Jordan: 765.473.5849

RANDOLPH CO, IN: JANUARY 8 (ONLINE) 205.16+/- Acres
Productive Cropland • Potential Building Sites • Hunting Locations
8 Tracts Contact: Chris Peacock: 765.546.0592 or Lauren Peacock: 765.546.7359

HOWARD CO, IN: JANUARY 13 (ONLINE) 76.02+/- Acres • 2 Tracts
(2) Homes • Potential Development Contact: Brandon Stroble: 765.499.1170,
AJ Jordan: 317.697.3086, Emma Barr: 260.494.0992 or Larry Jordan: 765.473.5849


HAMILTON CO, IN: JANUARY 15 (ONLINE) 34.92+/- Acres
Investment Quality Tillable Cropland • Near Suburban Expansion
Contact: Sam Clark: 317.442.0251 or Jim Clark: 317.697.6928


NEW! KOSCIUSKO CO, IN: JANUARY 19 (ONLINE) 197.6+/- Acres
7 Tracts • High Quality Recreational Land
Contact: Jon Rosen: 260.740.1846

NEW! JACKSON CO, IN: JANUARY 20 (ONLINE) 93.34+/- Acres
2 Tracts • Productive Cropland • Woods • Tillable
Contact: Dave Bonnell: 812.343.4313 or Michael Bonnell: 812.343.6036

PRIVATE SALES

IROQUOIS CO, IL: 200+/- Acres • Pattern Tiling
Productive Tillable Farmland Contact: Pat Tomlinson: 217.864.5733



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

Clinton County farmer Alan Dunn to lead ICGA board through 2026



Alan Dunn

FarmWorld
The Midwest's Leading
Weekly Ag Publication!

INDIANAPOLIS – Clinton County farmer Alan Dunn was elected as president of the Indiana Corn Growers Association (ICGA) Board of Directors during a Dec. 2 meeting. Dunn, who farms in Michigantown, Ind., served as vice president in 2025.

Tyler Everett, a farmer from Lebanon, Ind., was elected as vice president. Ferdinand, Ind., farmer J.R. Roesner was re-elected as secretary, and LaPorte, Ind., farmer Joe Tuholski was elected as the board's treasurer.

Dunn will complete his first, three-year term on the ICGA board in 2026. Dunn has farmed since 1993 in Clinton County and grows corn and soybeans on a traditional row-crop farm. He has a bachelor's degree in marketing from Butler University, and he also serves as the president of the Clinton County Council.

"It's an honor to lead the Indiana Corn Growers Association," Dunn said. "No one does this alone, and I want our board to remain active in campaigning for the policies that will keep Indiana corn farmers profitable.

I want to work to protect the miracle of modern agriculture and to help educate our consumers and partners on the amazing things we have accomplished – and will accomplish – as the industry upon which all others are built."

Newly elected as vice president, Everett has had several titles on the ICGA board including treasurer last year. He is a third-generation farmer and works with his father to produce corn, soybeans and wheat on their farm in Boone and Hendricks counties. Everett represents District 7 on the ICGA board.

Representing District 8, Roesner was re-elected as the board's secretary. District 8 includes all of Vermillion, Parke, Vigo, Clay, Owen, Greene, Sullivan, Knox, Daviess, Martin, Gibson, Pike, Dubois, Posey, Vanderburgh, Warrick, Spencer, Perry, Orange, Crawford and part of Fountain counties. A full-time farmer since 2001, he grows corn and soybeans on his farm in Dubois, Gibson, Pike, Spencer and Warrick counties.

Roesner is a recent board director for the Indiana Corn Marketing Council (ICMC), the state's corn checkoff program. Roesner is an elected member of the National Corn Growers Association's Corn Board.

Tuholski joins the executive committee this year as ICGA's treasurer. Representing District 2, Tuholski grows corn and soybeans on his farm in rural LaPorte County. District 2 includes all of St. Joseph, Elkhart, Marshall, Starke, Fulton, Pulaski, Miami, Wabash, and parts of Cass, Kosciusko and LaPorte counties. He farms 100 percent no-till, and he uses cover crops. Tuholski farms in a partnership with his father and two uncles. A full-time farmer, he began farming in 1995.

Roesner and Tuholski were two of three directors re-elected to the ICGA board in 2025. Scott Smith was re-elected to a third, three-year term in District 5, which includes all of Delaware, Tipton, Madison, Grant, Hamilton, and part of Howard counties.

Smith is a past president of ICGA. He has a diversified, third generation farm that produces corn, soybeans and process tomatoes. A full-time farmer, Smith began farming in 1974. Along with his wife, Terri, he owns Triple S Smith Farms and Sharp-View Farms in Tipton, Madison, Grant and Howard counties.

Indiana Corn Growers Association are now accepting applications for board election

INDIANAPOLIS – Farmers who want to represent agriculture in the legislative halls of state and federal government should consider adding their name to this year's Indiana Corn Growers Association (ICGA) board election ballot. The ICGA board advocates for Hoosier corn farmers at the local, state and federal levels. ICGA's governing districts match the nine Congressional districts across the state. This year, ICGA will fill seats in districts 1, 4 and 7.

"This is an opportunity for interested corn growers to take an active part in helping secure a better future for Hoosier farmers," said ICGA President Alan Dunn, a farmer from rural Clinton County. "ICGA's mission is to represent the state's corn farmers to lawmakers who make decisions that affect our business. ICGA offers a platform necessary to talk to the people and agencies who can address those concerns."

To be eligible, candidates must be an ICGA member in good standing; own, manage or operate a farm that produces corn; reside in the district they represent; and current on membership dues. Elections will take place in the following districts:

District 1 – Lake, Porter and the northwest corner of LaPorte counties.

District 4 – Benton, Boone, Carroll, Clinton, Hendricks, Jasper, Montgomery, Morgan, Newton, Putnam, Tippecanoe, White, Warren and parts of Cass, Fountain and Howard counties.

District 7 – which includes most of Marion County.

Election applications are due to the ICGA office by Jan 30, 2026. Ballots will be mailed to members in May and must be returned by June 30. Winners will start serving on the board in December 2026. Go to www.incornandsoy.org/ICGAelection for more details, to find a district map or download an application. Submit all completed materials to Amber Myers by email at amyers@incorn.org.

110 ± ACRE LAND

AUCTION AUCTION AUCTION

LOGAN COUNTY | STOKES TOWNSHIP

AUCTION DATE:
JANUARY 15, 2026

AUCTION TIME:
6:00 PM

DYE

REAL ESTATE
& LAND COMPANY

AUCTION LOCATION:
THE JACKSON CENTER
AMERICAN LEGION
SCHERER POST #493
627 EAST COLLEGE ST.
JACKSON CENTER, OH 45334

DEVIN DYE | THE LAND GUY | 419-303-5891

TRACT 1
TRACT 2
TRACT 3

TRACT 1
TRACT 2
TRACT 3

113 ± ACRE LAND AUCTION

DINGMAN-SLACLE RD.
FERREE RD.

COUNTY **SHELBY**

TOWNSHIP **PERRY**

DYE

REAL ESTATE
& LAND COMPANY

AUCTION DATE AND TIME

JANUARY 8, 2026
6:00PM

AUCTION LOCATION

CLOPAY BUILDING
SHELBY COUNTY FAIRGROUNDS
701 S. HIGHLAND AVE.,
SIDNEY, OH 45365.

CONTACT

DEVIN DYE
THE LAND GUY
419-303-5891

INVESTMENT QUALITY TILLABLE CROPLAND

34.92+/- ACRES | NEAR SUBURBAN EXPANSION | HAMILTON CO., IN

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AUCTION

**THURSDAY
JANUARY 15TH
4 PM - 6 PM ET**

PROPERTY LOCATION:

Approx. 25620 Jerkwater Road, Sheridan, IN
46069 in Adams Township, Hamilton County.

**CONTACT: Sam Clark: 317.442.0251
Jim Clark: 317.627.6928**








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Auctioneer: Russell D. Harmeyer IN Auction Lic. #AU10000277, HRES INC
Auction Lic.#AC69200019, Seller: McKinney Farm, HLS#SFC-13180

Real Estate Auction

Tuesday, January 20, 2026 @ 5:30 PM CT

Auction Location: Bass Lake Fire Station, 7225 US 35, Knox, IN

118 +/- Acres - Sold in (5) Tracts

Sections 8 & 9 - California Township - Starke County - Indiana



Tract #1 (Section 9) - 2.3 +/- Acres, House, Detached Garage, Outbuildings
Tract #2 (Section 9) - 37.7 +/- Acres (34.8 +/- Tillable)
Tract #3 (Section 8) - 2.5 +/- Acres, House Trailer, Outbuildings
Tract #4 (Section 8) - 15 +/- Acres, All Woods
Tract #5 (Section 8) - 60.5 Acres (53 +/- Tillable)

For more information call Nate at 574-242-1262
William Scherf & Sharon Scroggins, Owners

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- FARM MACHINERY SALE -

Having decided to retire, the following will sell at our residence
at 3656 W. 800 N., ROSSVILLE, IN
One mile south of Rossville, IN, on U.S. 421 & S.R. 39 to 800 N & 1/2 mile east, on
MONDAY, JANUARY 19, 2026, 11:00 AM, EST (Indianapolis Time)

- TRACTORS -

Case IH 210 Magnum, MFWD, 480/80R46 rear tires & duals, triple remotes, front weights, 19-speed power shift, 420/90R30 front tires, 1472 hours, SN H01549
1999 Case IH MX 200, MFWD, 480/80R42 rear tires with duals, 18-speed PS, triple remotes, front weights, 380/85R30 front tires, 3923 hours, SN 0098753
1991 Case IH 7110 Magnum, 18.4x38 rear tires, 18-speed power shift, triple remotes, front weights, 4923 hours, SN 34528
1981 IH 1086, 18.4x38 rear tires, front weights, dual hyd., 5274 hours, SN 53157
1970 Farmall 856, 18.4x38 rear tires, dual hyd., with Koyker 510 loader, quick tach buck
1970 Farmall 756 gas, 16.9x34 rear tires, WF, dual hyd., 3-pt.

- COMBINE & GRAIN HEADS -

2009 Case IH axial-flow combine, 30.5x32 tires, rear 18.4x26 tires, rock trap, reverser, chopper, bin extension, twin chaff spreader, monitor, 3019 engine hours, 1801 separator hours
2010 Case IH Model 2020 25' grain head
Unverferth 25' head mover
2013 Case IH Model 4406 corn head, 6RN, poly snouts, w/ corn stalk rollers

- TRUCKS - TRAILERS -

2001 Freightliner, day cab, ISM motor, 10-speed, air ride, 22.5 tires, 356,000 miles, new tires
2005 IHC 9200, day cab, ISX motor, 10-speed, 11R22.5 tires, 630,000 mile use
Timpco 36' aluminum hopper-bottom, ag hopper, roll tarp, 24.5 tires, 30,000 mile use
2006 Farm Master 36' steel hopper-bottom, ag hoppers, roll tarp
1000-gal. Stainless steel tank on tandem-axle trailer
1968 Trailmobile stainless steel, insulated, 4800-gal. trailer, transfer pump, new brakes, 11R22.5 tires
1990 IHC tandem-axle, DT 466 motor, 10-speed, high & low range, 20' aluminum bed, twin cyl. hoist, roll tarp, triple doors, rear hyd. control, 11L22.5 tires
1970 C50 Chevy truck, 366 gas motor, 5- & 2-speed, 16' wooden bed, only 67,790 miles

- TILLAGE EQUIPMENT -

Kinze Model 3500 Twin Line 16-row splitter, residue managers
2023 Case IH Model 2800 "Nutri-Placer" nitrogen applicator,

12-row, ground-driven pump, 2 seasons
Case IH Model 340 25' disc, rock cushion with hitch
UM 25' double-rolling basket harrow
John Deere Model 714 9-shank chisel with leveler
DMI 12-row nitrogen applicator with Raven control
John Deere Model 1760 12-row fold conservation planter, residue managers, double disc openers, liquid fert., Red Ball system
IH Model 720 6x16 auto-reset plow
John Deere Model 2210 25' field cultivator, walking tandems, coil tine harrow, single rolling basket
Best Way NTX 1000-gal. pull-type sprayer, 60' hyd. boom, PTO pump, Raven 440 monitor

- GRAIN CART - SEED TENDER -

Unverferth Model 2750 seed tender, dual compartment, tandem axle, roll tarp, talc powder tank, wireless remote, Honda motor
Ficklin CA 9600 grain cart, 550-bu., corner unload

- AUGERS - MISCELLANEOUS ITEMS -

Long Model 1199A 3-pt. backhoe with hyd. pump, 12" & 20" buckets
3-pt. 45' Spray boom
Ford 3-pt. mower, 6 ft.
Robo quick-tach rock picker
Hutch 62"x8" SA auger
Westfield 61"x8" SA auger
Brandt 61"x8" SA auger
Westfield 31"x8" PTO auger with 5-hp. electric
Hutch 27"x6" PTO auger
500-gal. Aluminum tank
Brady 14' stalk chopper
Penn Body 619 dump bed, rare
Best Way 1000-gal. liquid manure spreader
6-row Corn reel
9:00 Tires
110-gal. Fuel tank with 12-volt pump
Early Studebaker wagon box
Implement tires
55-gal. Barrel of Def with 110-volt pump & auto shut-off
Cen-Pe-Co Diesel Klenz
1000- & 300-gal. Fuel tanks
8N Ford loader with pump
8 IH suitcase weights
Windmill fan & tail
Kawasaki 220 4x4 ATV
About a half-hour bargain counter

AUCTIONEER'S NOTE: *A fine offering here; you won't be disappointed.*
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Grain transportation sector sees strong demand in 2025-2026

By DOUG SCHMITZ
Iowa Correspondent

ANKENY, Iowa – The grain transportation sector is seeing a strong demand in the 2025-2026 marketing year amid record U.S. corn production, despite challenges from low water levels and market shifts, according to the USDA's Nov. 27, 2025, Grain Transportation Report.

The report said ongoing low water levels on the Mississippi River were affecting shipments, with corn prioritized, but soybean movement was poised to increase as China resumed purchases after an October trade agreement, leading to stronger barge demand, despite initial slow uptake.

"It is unfortunate we are experiencing four consecutive years of low water on the Mississippi River," Mike Steenhoek, executive director of the Soy Transportation Coalition in Ankeny told Farm World. "Low water levels on the river manifest themselves in two ways: a lack of channel depth, and a lack of channel width.

"A lack of depth will result in a barge having to be light loaded out of a concern that the barge could scrape the bottom of the river," he said. "A lack of channel

width will result in an inability to attach as many barges together to form one single until it's analogous to a four-lane highway being reduced to two lanes."

The report said while overall shipments dipped the week of Nov. 27 the significant trade deal that promised substantial 2025-2026 soybean exports to China (at least 12 million metric tons) boosted prospects but potentially raised barge rates. The report added these large sales boosted soybean futures and encouraged U.S. farmers to sell more of their stored crops.

Over the past two months, the report added, as shippers prioritized corn shipments, soybean shipments may pick up in the coming weeks, with China resuming its soybean purchases.

"The U.S. exports more soybeans to China than to all our other international customers combined," Steenhoek said. "So much economic development in rural America over the past 20-30 years is a result of U.S. soybean farmers effectively exporting to China.

"Organizations like the U.S. Soybean Export Council have been diligently working for years to diversify and expand marketing opportunities beyond China, but China is truly a unique market for

soybeans," he added. "We are pleased to see a resumption of some U.S. soybean exports to China, but we have a long way to go to be back to normal."

Regarding his outlook for soybean transportation going into 2026, and how it will affect U.S. soybean growers, Steenhoek said: "We will continue to monitor river levels in 2026, hoping for a more normal year. We will also continue to monitor developments in the rail industry, including the proposed merger between Union Pacific and Norfolk Southern."

As of Dec. 17, 2025, the proposed \$85 billion merger has lost the support of two of their biggest unions that represent more than half the workers because they are worried the deal would

increase safety risks, lead to higher shipping rates and consumer prices, and cause significant disruptions, The Associated Press reported.

After months of meetings with Union Pacific CEO Jim Vena and other executives, the presidents of the Brotherhood of Locomotive Engineers and Trainmen, and the Brotherhood of Maintenance of Way Employees Division unions told The Associated Press they have serious doubts about the potential benefits, adding that the promises Vena made to preserve jobs for all current employees aren't detailed enough to be reliable.

The report added that U.S. sorghum shipments to China restarted, showing a broader positive shift in agricultural trade.

Soil Heroes

FROM PAGE 9B

acreage is certified through OEFFA (Ohio Ecological Food and Farm Association). Their crops feed their cattle and create organic feed for many other animals.

Graham's Organics currently serves customers throughout Michigan and the Midwest, offering organic feeds for poultry, swine, sheep, goats, dairy and beef.

Basso, who recently received the Soil Science Research Award from the Soil Science Society of America for his contributions to soil science, has dedicated most of his life to research and study to help improve the health of soil. Basso's research portfolio is wide-ranging, from using drones and satellites to monitor crop and soil health to leading efforts through the MSU Center for Regenerative Agriculture to promote sustainable farming practices.

With drones, Basso and his team employ sensors to measure plant nutrients, temperature and size. The information is plugged into his revolutionary Systems Approach to Land Use Sustainability program that models crop, nutrient, soil and water conditions over

multiple years and various management strategies. The program compares management techniques over time under current and future climate scenarios.

"Soil is life, and we need to continue to improve its health," Basso said. "Healthy soils are an essential component of all environments, especially in agriculture. As growers and ranchers are tasked with producing more food on less land, it's paramount that we're good stewards of soil and view it as a precious, finite commodity."

Basso has also developed several novel methods that glean key soil health insights, including an analysis metric known as yield stability zones. While routine soil sampling can prove prohibitively expensive for most farmers, Basso has paired soil samples with historical crop yield information and modeling to successfully identify distinct in-field variability based on relative soil organic carbon and relative soil health. The result can give farmers information on when and where to deliver nutrients and water as needed, while saving on application to higher-quality soil regions.

"All of my work is geared toward ensuring that we're using the most efficient practices possible in agriculture to promote sustainability, making farmers sensitive to proper long-term decisions versus short-term goals," Basso said.

AUCTION

MIKE HUYEAR FARM EQUIPMENT
RETIREMENT ONLINE AUCTION

13067 LANGE ROAD • CARLINVILLE, IL 62626 | DECEMBER 29th 2025 | 9:00am

LIVE AUCTION WITH ONLINE BIDDING hanoldauctioneering.com

Equipment

AUCTIONEER NOTES: Mike and Keith have been lifelong farmers and have decided to retire. This is a really clean line of equipment.

Lot 1: Mayrath 13'x83' Swing Away Auger	Lot 28: Gransshopper 725D	Lot 57: 20.8/42 Wheels (X2)	Lot 74: JD 16' Row Cultivator
Lot 2: Mayrath 10'x31' Auger	Lot 29: 30' Ber-Vac	Lot 58: Massey Ferguson 9695	Lot 75: Sprayer
Lot 3: Westfield 8'x28' Auger	Lot 30: 20' Glenco Disc Chisel	Lot 59: Gleaner 30' Draper Head	Lot 76: M&W Gravity Wagon
Lot 4: Running Gear	Lot 31: 24' Brillion Cultimulcher	Lot 60: Horst Head Hauler	Lot 77: John Deer 750 Drill
Lot 5: David Bradley Flairbed Wagon	Lot 32: 44' DMI Crumbler	Lot 61: Drago 630 Corn Head	Lot 78: John Deere 7000 8-Row Planter
Lot 6: Hyd. Dump High Side Wagon	Lot 33: 30' John Deere Cultivator	Lot 62: E-Z Trail Head Hauler	Lot 79: Kinze 3600 16/31 Planter
Lot 7: 3-Bottom Plow	Lot 34: 33' Case IH 340 Disc	Lot 63: 30' JD 400 Rotary Hoe	Lot 80: John Deere 8430
Lot 8: 2-Bottom Plow	Lot 35: 42' Krause Till All	Lot 64: Demco 650 Grain Cart	Lot 81: John Deere 30' Disc 9' Spacing
Lot 9: Running Gear Wire	Lot 36: 50' Salford applicator	Lot 65: White 6180 Planter 12-Row	Lot 82: Chevy C70 Grain Truck 18' Bed 366 Motor
Lot 10: Running Gear	Lot 37: J&M 375ST Seed Tender	Lot 66: 26' Disc	Lot 83: John Deere Planter 8 Row Front Fold
Lot 11: Saturn 7 Shredder	Lot 38: John Deere FC 15 M Shredder	Lot 67: Ag Leader	Lot 84: John Deere 2940
Lot 12: Chem-Farm Stainless Tanks	Lot 39: Kinze 3300 16/31	Lot 68: Monitor	Lot 85: Chevy 2500 4x4 Pickup
Lot 13: DMI Applicator	Lot 40: Farnall H	Lot 69: Auto Steer	Lot 86: 18' Falling Tilt Trailer
Lot 14: Case IH 183 8-Row Cultivator	Lot 41: Farnall Super M	Lot 70: Chevy C70 Spreader Truck Non Running	
Lot 15: Convey-All 10" Transfer Conveyor	Lot 42: Farnall Super C	Lot 71: International 986	
Lot 16: Transfer Tank on Gear 1000 Gallon	Lot 43: International 1256 Tractor Only	Lot 72: IH Hubs	
Lot 17: Chem-Farm Stainless Transfer	Lot 44: IH 2350 Loader with Bucket	Lot 73: IH Weights (X5)	
Lot 18: Sprayer Boom	Lot 45: John Deere Pallet Forks		
Lot 19: International 4900 Tandem Twin	Lot 46: International 1456		
Lot 20: International Semi	Lot 47: Case International 7120		
Lot 21: John Deere 4700 Sprayer	Lot 48: Case IH 290		
Lot 22: Sprayer Fenders	Lot 49: Case IH 535 Quadtrac		
Lot 23: 385/85/34 Wheels (X4)	Lot 50: Challenger MT665		
Lot 24: DEF Transfer Tank	Lot 51: John Deere S670		
Lot 25: Diesel Generator	Lot 52: MacDon FE75-S Drapper		
Lot 26: Kubota Side By Side	Lot 53: John Deere 70BC Corn Head		
Lot 27: Chevy 2500 Pickup	Lot 54: Unverferth HT36 Head Hauler		
	Lot 55: Killbros Head Hauler		
	Lot 56: 20.8/42 Wheels (X2)		

Hanold

AUCTIONEERING

SELL AT AUCTION

TERMS: Cash or good check with proper ID. Owner, Auctioneer, clerk, and other auction staff not responsible for theft or accident. All verbal announcements day of sale take precedence over printed material. All items sell "AS IS, WHERE IS" with no warranty. **ALL SALES FINAL! CARLINVILLE ELKS 1412 SERVING LUNCH**

Mike Huyear: 217-825-9250
Keith Woods: 217-825-7333
Greenwalt Farms: 217-473-3752

Weller Farms: 217-851-5301
Tyler Unterbrink: 618-781-0690

For more photos and updates, visit:
www.hanoldauctioneering.com

AUCTION

TUES., DEC. 30

11:00 A.M.

LOCATED: LIVE ON-SITE at 2455 Stringtown Road, Sardinia, OH, 50 mi. E. of Cincinnati, OH, 80 mi. SW of Columbus, OH, 14 mi. SW of Hillsboro, OH. Follow signs off SR 138 or SR 321 to auction.

TRACTORS - PLANTER - TILLAGE
TRUCK - GRAIN HANDLING - MISC.

AUCTIONEER'S NOTE: This auction consists of super clean, well maintained items that are in excess of seller's needs. Carragher Farms is continuing their farming operation. Auction will not last long. No small items. Please be on time.

2013 John Deere 9560RT, 2,725 hours, 36" tracks, powershift transmission, 5 rear SCV, 20 front weights, no pto, SN# 1RW9560RDP902582

2011 John Deere 8260R, 1,743 hrs., 16 spd. power shift, Pre DEF, 4 rear hyd. SCV, 1000 pto, 3pt. w/quick hitch, full coverage rear fenders, 12 front weights, 480/80R50 rear duals, 420/35R34 front tires, SN# 1RW8260RHP044121

2020 John Deere 716C Corn Head, knife rolls, header height sensing, SN# 1H00716CCKX810007

2021 Unverferth AWS-42 Header Cart, 11L-15FI, SN# A67990159

John Deere 1795 Split-Row Planter, 16/32 rows, 15"/30" spacing, 2-point hook up, hydraulic drive, pneumatic down force, no-till coulters, Yetter twister closing wheels, markers, 420 gal. liquid fertilizer tank, piston pump, single disk fertilizer openers, SeedStar II, SN# 1A01795CJKA780452

2023 Unverferth 410XL Seed Tender, 4 boxes, 8"x 21' conveyer, 2520 scale, Honda motor, elec. start, wireless remote, talc applicator, ST235/85R16 tires, 1-owner, SN# D69220122

2011 Freightliner Business Class M2 Grain Truck, 125,054 mi., 500 HP 12.8 L Detroit, modified fuel system, Allison auto. trans., 24"x8' Kann grain bed, roll tarp 315/80R22.5 steer tires & drop down axle, RM254/11R22.5 rear tires, VIN# 1FVHC5DV6CH-BF2807

Great Plains 4800 Turbo-Max, 48ft, hydraulic raise & lower & fold, adjustable disk gang angle, spike harrow, rolling basket, tire size: 480/45R17, 12 hydraulic hoses, 7 pin light connector, rear hitch w/1 rear hydraulic remote, 1-owner, SN# GP-C7845H

John Deere 2310 Mulch Finisher, 5 section fold, 45'9", spike harrow, rolling basket, rear hitch w/ hydraulics, 340/65R18 tires, SN# 1N02310X-HB0745317

2021 Unverferth 1245 48' Rolling Harrow, spike leveler bar, 5 section fold, SN# 88382G

2022 J&M 5016 Liquid Fertilizer Applicator, 1,600 gallon tank, 17 knives, new knives, 5 section fold, JD rate controller, 1-owner, SN# 2250019,

Portable 1000 Gallon Plastic Tank with Pump, 11L-15SL tires, 2" plumbing,

Portable 2000 Gallon Stainless Tank with Pump, 11L-15SL tires, 2" plumbing

Sunflower 1435 40' Disk, adjustable gang, 12.5L-15FI tires, 1-owner

Wheels & Tires for Turbo-Max, VF480/45R17IMP tire size, one brand new BTK tire & rim, 2 bad tires with good rims,

BKT 460/85R38 tires & rims

CARRAHER HOME FARM LLC, OWNER

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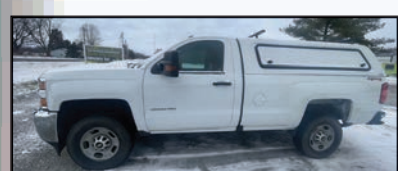
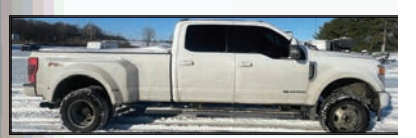
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