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**Above:** A Percheron draft and blue roan saddle horse are good buddies enjoying their hay on a cold winter morning in northern Indiana. Photo by Leondia Walchle

## F.I.R.S.T field managers recorded record yields for corn and soybeans

By **TIM ALEXANDER**  
Illinois Correspondent

LANARK, Ill. — In their 25th year of conducting corn and soybean seed hybrid trials in farmers’ test plots, F.I.R.S.T. (Farmers’ Independent Research of Seed Technologies) field managers recorded record corn and soybean yields in 2021. However, corn yields would have been even greater in the upper Midwest if not for the increasing presence of black tar spot in fields.

This is according to F.I.R.S.T. field managers Jason Beyers and Matt Turner, who both reported tar spot is beginning to suppress corn yields in their respective research areas.

“Most areas saw a record year for yield,” said Beyers, referring to 2021 F.I.R.S.T. seed trials conducted throughout the Midwest and in some eastern states. Beyers’ territory includes northern Illinois and Wisconsin. Not surprisingly, F.I.R.S.T. field trial yield data closely mirrored yield estimates issued by the USDA for corn and soybean yield in Beyers’ management region.

“In the northeastern corner of Illinois, from I-39 over to the Chicago area, they had a record year. West of 39 we were short of rainfall. Near Lanark in the northwest corner, they were 9.5 inches short of rainfall for the growing season. You didn’t have to go much south of there, down to Dixon, where they were about 13 inches short,” Beyers reported.

The F.I.R.S.T. field manager credited hybrid

technology for preserving decent harvests for farmers in northwestern Illinois. “In the NW corner corn yields averaged 20 to 25 bushels less than the 10-year average. But that is actually phenomenal, when you consider the amount of rainfall,” Beyers said. “All of the companies’ traits we tested seemed to work well on the corn.”

Beyers classified soybean yield in his testing region as “average,” crediting mid-to-late August rains with finishing off soybean growth. However, “Central Illinois had a phenomenal soybean year - we had some of the highest yielding soybean plots we’ve ever had there,” he said.

Of the more than 100 corn hybrid field trials overseen by Beyers, most faced pressure from black tar spot. Green leaf spot was also present on corn, but not as severe as in years past.

“Tar spot limited yield, especially in the north. Tar spot needs the moist conditions in the mornings like we get in northern Illinois and Wisconsin, and it becomes more persistent due to the moisture that stays in the leaf tissue,” said Beyers.

Highly favorable planting conditions led to crops getting in the ground early in the season, Beyers reported. “All soil conditions were perfect when we planted, but then came the rainfall. Central Illinois dried out well during harvest, but bean cutting was horrible this year due to rains during the first two weeks of October,” he said, adding that the late storms led to a “lot of green stems” on soybean plants.

(See F.I.R.S.T. on page 2)

## 6,000-head swine farm coming to Ohio

By **DOUG GRAVES**  
Ohio Correspondent

CONTINENTAL, Ohio – On Jan. 6, the Brick Farm Swine, LLC was one step closer to becoming Ohio’s newest swine finishing facility after a public meeting and open house sponsored by the Ohio Department of Agriculture (ODA) pertaining to the draft permit came and went with no public comment.

The new facility will be constructed in Continental, a village of 1,300 located 25 miles north of Lima, Ohio, and 25 miles east of the Indiana-Ohio state line.

At the meeting, the ODA Division of Livestock Environmental Permitting Chief Samuel Mullins of the ODA offices in Reynoldsburg, Ohio, outlined the draft permit to install as well as a draft permit to operate that was filed by Brick Farm. No comments or questions came from those in attendance.

On Dec. 2, Brick Farm Swine filed permits with the ODA to install and operate a 6,000 head swine operation on its property near Continental.

The swine at this new facility would weigh 55 pounds or more. The barn requires an eight-foot concrete pit below the housing area and would have a capacity of 2.5 million gallons, providing approximately

(See Swine farm on page 2)

**Below:** Division of Livestock Environment Permitting Chief Samuel Mullins presents the Brick Farm Swine, LLC draft permits to install and operate a proposed swine finishing facility during last week’s meeting at the Putnam County OSU Extension Office in Ottawa, Ohio. (Joe Gilroy photo)

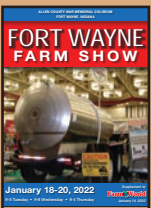
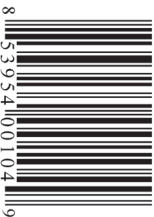



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#### IN THIS FARM WORLD:

- Shipping costs to decline with lower Mississippi River deepening . . . . .Page 1B
- Biden meets with farmers, seeks ways to lower food prices . . . . . Page 6



**F.I.R.S.T.**

FROM PAGE 1

"The beans were dry, but the plants didn't seem to mature properly. This made it very difficult to put through a combine," Bevers said.

As in Illinois and Wisconsin, planting conditions during the beginning of the 2021 F.I.R.S.T. seed trials in Michigan were also favorable, according to Turner, whose field management region includes southern Michigan, northern Indiana and northwestern Ohio. He also manages a few plots in the “thumb” region of Michigan.

“Oddly enough, last year Michigan was dry early, and we started up in the thumb first, with a couple of planting dates in early April. Then we worked our way south,” said Turner. “We had tremendous yields this year, probably the best averages the region has ever had.”

After early planting and emergence, Turner's Michigan corn plots started showing signs of tar spot during development. "This caused a decrease in yields," he noted. "However, northern Indiana and western Ohio corn yields were probably our best ever. Beans were excellent as well. Early planted beans did better, as did corn that was sprayed with a fungicide. Excellent yields."

Some areas boasted corn yields of more than 80 bushels per acre above their ten year production averages, according to Turner.

## Swine farm

FROM PAGE 1

556 days of storage. A mortality compost barn is also proposed and would provide approximately 6,750 cubic feet of storage for the composting process.

Within the draft a manure management plan is provided outlining different inspections and monitoring activities that must be completed by the facility. Included in manure mitigation is a plan for 18 tons of manure compost being spread over 65 acres of crops that will be rotated between corn, soybeans and wheat. Each year, approximately 1.64 million gallons of liquid manure and 18 tons of mortality compost would be generated. All the liquid manure will be distributed to other crop farmers on approximately 1,520 acres available to the facility.

There are approximately 3,494 hog farms in Ohio that raise more than 2.95 million hogs each year. Ohio ranks seventh in pork production.

Turner speculated that his southern Michigan corn plots suffered more tar spot damage than in his other regions due to farmers' greater usage of irrigation to water crops. "I think the irrigation brought the tar spot in and caused it to spread quickly under the pivots," he said.

Soybean maturity was "very healthy" throughout his field management region, with no problems

(other than some lodging in Michigan) reported at harvest, Turner said.

Readers can find a summary of Turner's season on the cover of the F.I.R.S.T. 2021 Performance Summary (Indiana, Ohio, and Michigan Edition) here:

<https://www.firstseedtests.com/2021/2021-FIRST-IN-OH-MI-Performance-Summary-web.pdf>.

To read the summary of Beyers

and Nathan Roux's Illinois, Wisconsin and tri-state region, visit: [2021-FIRST-IL-WI-NCTS-Performance-Summary-web.pdf](https://www.firstseedtests.com/2021-FIRST-IL-WI-NCTS-Performance-Summary-web.pdf) (firstseedtests.com).

In addition, the F.I.R.S.T. December newsletter included some information on the overall F.I.R.S.T 2021 season, including yield leading companies and brands: <https://conta.cc/3FG4sNa>.

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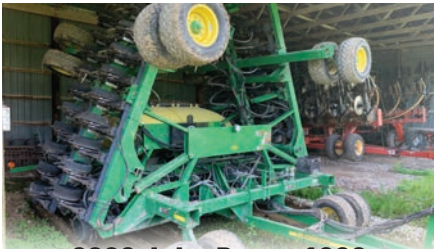
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36 Rows, 30" Spacing, Vacuum Meter, Flex Fold

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116867

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# Smaller hog numbers put positive spin on prices for 2022

By Doug Schmitz  
Iowa Correspondent

DES MOINES, Iowa - A smaller than projected market hog inventory put a positive spin on hogs for 2021. It was a very profitable year for U.S. producers, according to Ron Plain, University of Missouri emeritus professor of agricultural economics, analyzing the Dec. 1 USDA Quarterly Hogs & Pigs Report, released Dec. 23.

"The USDA said market hog numbers were down 4.4 percent, on the first day of December," he said. He added this was 1.5 percent smaller than the trade was expecting.

"Not a whole lot of hogs out there, and with respect to what it means for prices, when you have fewer hogs than the trade was guessing, (there's) a good chance we may see some upward movement in lean hog futures when they open next," he added.

Plain analyzed the report alongside Steve Meyer, Partners for Production Agriculture economist in Ames, Iowa; Bob Brown, an independent market analyst in Edmond, Okla.; and David Miller, Decision Innovation Solutions chief economist in Urbandale, Iowa, in a Dec. 23 teleconference with reporters.

Sponsored by the National Pork Board and the Pork Checkoff in Des Moines, Iowa, the report said the United States inventory of all hogs and pigs on Dec. 1, 2021, was 74.2 million head, down 4 percent from Dec. 1, 2020, and down 1 percent from Sept. 1, 2021.

The report said the U.S. breeding inventory, at 6.18 million head, was

up slightly from last year, but down slightly from the previous quarter. Market hog inventory, at 68 million head, was down 4 percent from last year, and down 1 percent from last quarter.

The report added for the under-50-pounds weight category, there were 21.17 million head, down 3.7 percent from last year. In the 50-to-119 pounds group, there were 19.18 million head, down 2.5 percent, and very close to what analysts expected.

In addition, there were also some significant differences in the heavyweight categories from pre-report expectations, with 14.8 million head in the 120-to-179-pounds group, down 6.2 percent, with analysts saying that would be down 3.8 percent.

"In general, a tight supply of hogs for the next five months, and likely some pretty good prices for producers as a result of that," Plain said.

He said pigs per litter was up 1.3 percent in the fourth quarter, which is the biggest increase since December through February of 2019.

"Productivity, which was strong

(Hog numbers continued on page 8)

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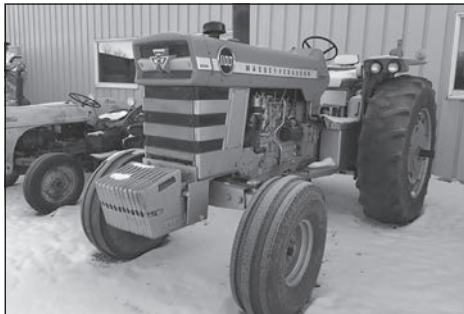
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## University of Illinois Extension provides produce to food pantries

ARTHUR, Ill. – The goal was 1,000 pounds of produce; instead, the first year of Extension's Partners in Produce project tipped the scales at more than 25,000 pounds. With the enthusiastic support of the growers and buyers at the Arthur Produce Auction, University of Illinois Extension has provided more than 116,000 pounds of fresh produce to central Illinois food pantries in three years.

In early 2019, MaryBeth Massey, Illinois Extension program coordinator for Supplemental Nutrition Assistance Program Education, wanted to address food insecurity in her community. She was familiar with the Arthur Produce Auction and curious if a partnership, now called Partners in Produce, could start between Extension and the auction to provide excess produce to families in need. The auction is operated by the local Amish community and managed by Sheldon Raber.

"We started on June 7, 2019, with 55 pounds of asparagus and 25 pounds of rhubarb," Massey said. "Our first goal was 1,000 pounds of produce. We ended up with more than 25,000 that first year. We kept showing up each week, and growers and buyers started giving us more produce."

After a successful inaugural partnership, COVID-19 had the potential to derail all the previous year's progress. Massey and Susan Stollard, community worker with Illinois Extension SNAP-Ed, continued in 2020 with the support of the auction, growers, and others,



**Above:** Working with the Arthur Produce Auction, more than 64,000 pounds of fresh produce were donated to central Illinois food pantries as part of U of I Extension's Partners in Produce program

resulting in 27,300 pounds of produce donated to the area pantries and food distribution sites.

"The Amish Produce Auction and community have been very supportive of our work," Massey said.

A benefit auction was held in late 2019 with plans to purchase boxes of produce at the auction in 2020 for a discounted price using the funds raised. As COVID-19 hit, pantries were overwhelmed with new families.

"We used those funds to purchase produce, and as we would start to run low on funds, more donations would appear to cover the cost of produce," Massey said. "Most of these donations have been anonymous."

In 2020 and 2021, funds from the Illinois Innovation Network (IIN) and the Lumpkin Family Foundation allowed the Partners in Produce program to extend its reach even further.

(Food Pantries continued on page 9)

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# UK rebuilding research and education center after tornado

PRINCETON, Ky. – The rebuilding of the University of Kentucky Research and Education Center in Princeton has begun.

The UK College of Agriculture, Food and Environment is working with the university's insurance adjusters to determine the extent of the damage to facilities and equipment after the center took a direct hit from an EF-4 tornado Dec. 10. UK officials expect 49 of the center's 58 buildings to be a complete loss.

"We are humbled by the outpouring of support from across the local, state and national agricultural communities," said Nancy Cox, dean of CAFE and UK vice president for Land-Grant Engagement. "We are moving forward and plan to build back a state-of-the-art research

and education facility to continue advancing agriculture."

Crews are now demolishing the remains of the center's main building. The demolition process is expected to take at least four months.

UK officials are beginning to reach out to their equipment suppliers to replace damaged equipment. This process is expected to take some time as well.

"Since they are used for research, nearly every piece of equipment we had was a prototype, so we cannot replace them by going to a commercial dealer and picking one out off a lot," said Chad Lee, director of the UK Grain and Forage Center of Excellence located at the center. "We are contacting the companies that we purchased these pieces of equipment

from to see how they can be replaced."

The college has established a rebuilding committee comprised of faculty and staff members from the center and main campus.

A couple of temporary office spaces are in place at the center and are being used by UKREC director Carrie Knott and other staff members. In the coming weeks, UK will install additional temporary office space and research laboratories so more of the center's faculty and staff can safely return.

"We really appreciate everyone's patience as we continue to work through the tornado aftermath," Knott said. "There is no way the center's faculty and staff will be able to offer their full spectrum of research and extension programs in the coming year, but depending on the program

and the researcher, some activities are going to continue as planned."

The next activity scheduled is the UK Wheat Science Group's annual Winter Wheat Meeting, set for Feb. 8 at the James E. Bruce Convention Center in Hopkinsville. Unlike previous years, preregistration is required for the free event and is due by Jan. 25. Interested individuals may register online at <https://bit.ly/3qORDdc>.

The Kentucky Agricultural Training School programs will continue when possible. Center staff hosted a KATS Drone Pilot Certification Workshop in late December at the Caldwell County Extension office. Additional workshops are in the works and will be announced soon.

**(Tornado continued on page 9)**

**Below:** The University of Kentucky is beginning to rebuild its Research and Education Center in Princeton (Photo by Steve Patton, UK agricultural communications).



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# Hog numbers

FROM PAGE 4

for a number of years, adding almost 1 percent more pigs to the pig crop just because of more pigs per litter, has for the last several years, been inching closer to zero,” he said. “So, a 1.3 percent increase is a pretty hefty increase in productivity.

“If that continues to carry forward in subsequent farrowing periods, it may add more pigs to the hog supply without having to have more sows,” he added.

For the 180-and-over group, there were 12.85 million head, down 6 percent, with analysts expecting that number would be down 3 percent.

“If you look at actual slaughter – total daily slaughter on the equal number of weekdays and Saturdays this year versus a year ago – that number was down 5.4 percent, so not too far off from where the 180-and-over was,” Meyer said.

The report said the United States hog producers intend to have 2.94 million sows farrow during the December 2021-February 2022 quarter, up slightly from the actual farrowings during the same period one year earlier, but down 8 percent from the same period two years earlier.

Intended farrowings for March-May 2022, at 3.01 million sows, are down 1 percent from the same period one year earlier, and down 4 percent from the same period two years earlier. The total number of hogs under contract owned by operations with over 5,000 head accounted for 47 percent of the total United States hog inventory, down 1 percent from the previous year, the report said.

The report added Iowa hog producers had the nation’s largest inventory, at 23.8 million head, down 1 percent from the previous quarter, and down 3 percent from the previous year; Minnesota had the second largest inventory at 8.9 million head; and North Carolina was third with 8 million head.

The report said Illinois’ total inventory of all hogs and pigs on Dec. 1, 2021, was 5.35 million head, down 1 percent from Sept. 1, 2021, and down 2 percent from last year. Breeding inventory, at 590,000 head, was down 70,000 from the previous quarter, but up 40,000 from last year. Market hog inventory, at 4.76 million head, was up slightly from last quarter, but down 3 percent from last year.

Illinois’ September-November 2021 pig crop, at 2.68 million head, was down 17 percent from 2020. Sows farrowing during this period totaled 250,000 head, down 50,000 from a year ago.

In Indiana, total hog and pig inventory was estimated at 4.35 million head, down 100,000 head from a year ago, according to Nathaniel Warenski, state

statistician. Breeding hog inventory, at 260,000 head, was up 4 percent from last December.

Indiana’s market hog inventory, at 4.09 million head, was down 3 percent from last year.

In Michigan, total hog and pig inventory was estimated at 1.16 million head, down 150,000 head from a year ago, according to Marlo D. Johnson, director of the USDA Great Lakes Regional Field Office in East Lansing. Breeding hog inventory, at 110,000 head, was down 10,000 from last December.

Michigan’s market hog inventory, at 1.05 million head, was down 12 percent from last year.

In Ohio, total hog and pig inventory was estimated at 2.75 million head, up 50,000 head from a year ago, according to Cheryl Turner, state statistician. Breeding hog inventory, at 200,000 head, was down 5 percent from last December.

Ohio’s market hog inventory, at 2.55 million head, was up 2 percent from last year.

Using the Carcass Price National Weighted Average, Miller quoted: First quarter of 2022 at \$83-86; second quarter of 2022 at \$88-92; third quarter of 2022 at \$88-92; and fourth quarter of 2022 at \$78-84.

Plain said he used the Iowa-Minnesota Based Carcass Price Negotiated Sales to forecast his quotes: First quarter of 2022 at \$69; second quarter of 2022 at \$82; third quarter of 2022 at \$83; and fourth quarter of 2022 at \$68.

Brown said he used the Chicago Mercantile Exchange equivalent carcass basis, forecasting: First quarter of 2022 at \$82.50; second quarter of 2022 at \$91; third quarter of 2022 at \$87.50; and fourth quarter of 2022 at \$73.

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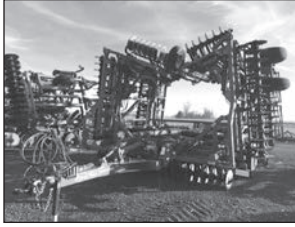
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## Tornado

FROM PAGE 7

In December, members of UK's Physical Plant Division replaced windows, siding and installed a new door and roof on the farm operator's residence at the center. The farm

operator and his family were back in the house before Christmas. The Physical Plant Division is planning to continue to help when possible at the center.

Individuals and groups who wish to help UK staff remove debris from the center should contact their county extension office for more information.

## Food pantries

FROM PAGE 5

A \$30,000 seed grant from IIN connected Illinois Extension and Eastern Illinois University's nutrition and dietetics programs to increase the volume of donations, expand project reach and establish a sustainable distribution process. Three graduate EIU dietetics students, Abby Mann, Colleen Leehy, and Samantha Metternich, attended each auction this past summer to help load produce, deliver to pantries and track the donations.

The Lumpkin Family Foundation provided more than \$15,000, which was used to purchase multiple refrigeration units for area pantries. Refrigeration units are key to keep the produce fresh for a longer period so it can be used by families before spoiling.

Due to this continued support and momentum, year three resulted in the highest numbers yet, with 64,212 pounds donated to local food pantries and other sites, including community meal locations, Little Free Food Pantries in Douglas County, and mobile markets. Forty-one locations now receive produce, and deliveries reach families in Douglas, Moultrie, Coles, Cumberland, Edgar, Macon and Champaign counties. Other businesses, such as Regenerative

Life Farms and Countryside Greenhouse, have donated additional items, including eggs, produce, and tomato and pepper plants directly for Extension to distribute.

"Working in this area really touches your soul," Stollard said. "I would see families week after week, and they would tell me, 'That's the best tomato I've had in years. I can't afford to buy them from the market and the ones at the store don't taste as good.'"

The future for the Partners in Produce Program is positive. Partners in Produce will receive an additional \$30,000 from the Lumpkin Family Foundation next year to support its work during the 2022 season.

"Every year, it just keeps getting better," Massey said.

For more information about the Partners in Produce program or to learn how you can contribute, visit the website.

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# Micro-Farm crop insurance option available for first time in 2022

By **TIM ALEXANDER**  
Illinois Correspondent

BLOOMINGTON, Ill. — Doug Yoder, crop insurance expert for COUNTRY Financial Services, wants small and specialty farmers to know about the new “Micro-Farm” crop insurance option designed specifically for agricultural producers who earn less than \$100,000 per year in gross sales. The option, intended for small farmers who sell locally and-or direct to customers, is offered as a subset of the USDA’s Whole-Farm Revenue Protection program, and will be offered for the first time in 2022.

Yoder led a discussion of the new Micro-Farm policy option during the 2022 Illinois Specialty Crops Conference, held January 5-7 in Bloomington and online, during which he admitted that only a dozen Whole-Farm insurance policies were sold by COUNTRY agents to Illinois growers in 2021.

“The Micro Farm policy is part of the USDA’s suite of federal crop insurance tools that the Risk Management Agency (RMA) offers to farmers. In a nutshell what they have done is tried to simplify Whole-Farm revenue and design it, so it is easier and more accessible to what they call micro farms,” said Yoder. “This is the government’s latest effort to offer specialty crop producers better, more accessible tools. Will it be good enough? It will be in your hands to determine if this is something you will want to pursue.”

With lack of historical data to draw upon, Yoder was unable to offer much guidance on how the program actually works and the amount or ratio of payments made to farmers. However, the veteran crop insurance specialist was able to discuss the provisions of the Micro-Farm policy option, adhering to information provided by USDA-RMA:

Micro-Farm is available to producers who have a farm operation that earns an average allowable revenue of \$100,000 or less, or for carryover insureds, an average allowable revenue of \$125,000 or less.

All coverage levels will be available to producers using Micro-Farm. This will enable producers to purchase the

80% and 85% coverage levels without providing additional paperwork.

Micro-Farm minimizes underwriting and recordkeeping requirements, and producers will not have to report expenses and individual commodities.

Producers can include post-production costs activities as revenue, such as washing and packaging commodities or value-added products like jam.

“RMA data shows that 85 percent of producers who sell locally have less than \$75,000 in gross annual sales, and that’s who they are targeting with this,” said Yoder. “The first year you use this tool, \$100,000 (gross sales) is your limit. If you use it the second year and years forward, they call that a carry-over year and your limit is \$125,000 in revenue to qualify for this product.”

Yoder noted that part of the appeal of the Micro-Farm option is that small producers and specialty growers will not be required to supply five years of tax records, which is required with the Whole-Farm option. “Submitting five years of tax records is sometimes burdensome and this is one area they have tried to make this easier; Micro-Farm requires three (years),” he said. “In addition, there is no expense reporting. The only thing you are going to be reporting are your sales records, and your expected revenue to come up with the guarantee, and then revenue for that year to see if you have a claim or not.”

Coverage levels for Micro-Farm range from 50 to 85 percent, with those claiming the maximum facing a 15 percent deductible. “Like with any crop insurance, there is a sizable deduction. If you go for the minimum coverage you would have to lose half of your revenue for the policy to kick in. In this high-input-cost environment, I think (maximum coverage) is money well spent,” Yoder said.

Sales closing dates for the USDA’s Micro Farm policy option are January 31, February 28, or March 15 depending on the producer’s state and county.



Yoder can be reached with questions about the USDA Micro-Farm policy and other crop insurance questions at [doug\\_yoder@countryfinancial.org](mailto:doug_yoder@countryfinancial.org).

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## Illinois 4-H youth to plant trees to help environment

URBANA, Ill. – When the task seems overwhelming, the uncertainty of how to begin keeps many people from acting. University of Illinois Extension 4-H specialist Curt Sinclair isn't one of those people.

Carbon neutrality and nutrient runoff are complex issues.

"We need to become 'carbon neutral' by producing less CO2 gas and finding new ways to absorb and hold these carbon molecules so they don't get trapped in the atmosphere which adds to the warming of our planet," Sinclair said. "At the same time, we need to reduce storm water runoff to improve water quality."

But where to begin? Sinclair has a good answer: plant trees.

The 2020-2030 Illinois Forest Action Plan, part of the Food, Conservation, and Energy Act of 2008, outlines the benefits of trees to Illinois residents.

"More trees will move us closer to cleaner water, healthier soils, more animals and birds, greater biological diversity and cleaner air," Sinclair said. "All these are critical to people's health and quality of life."

Illinois once held 14 million acres of trees, according to Sinclair. That number dropped to 3 million acres before intentional efforts 50 years ago began to reverse the decline. Today, Illinois has 5 million acres of trees.

Sinclair is working with Illinois 4-H members and the Association of Illinois Soil and Water Conservation Districts to increase that number. The effort, 4-H Green Communities Tree Program, is supported by grant funds from the Illinois Forestry Development Council and focuses on

action, education and conservation.

In the spring of 2022, 4-H youth in 31 Illinois counties will each plant a grouping of 25 oak trees on public properties in their county. The groups, called savanna, will bring new life to oak-hickory forests currently under threat in Illinois.

"Oak savannas are being overtaken by invasive species, as well as more shade-tolerant trees, such as maples," Sinclair said. In addition, the decrease of beneficial disturbances, such as prescribed fires and proper timber management, also threatens large, mature oak trees.

"Illinois 4-H is primed to take action to increase the number of oak trees in the state," Sinclair said. "The natural world is talking to us, and Illinois 4-H is primed to listen, learn, and act."

The 4-H Green Communities Tree Program follows the "learn-by-doing" philosophy of 4-H and is guided by the priorities of the Illinois Forest Action Plan. Learn more about Illinois 4-H at go.illinois.edu/illinois4H.

Participating counties include: Adams, Bureau, Coles, DeKalb, Edwards, Franklin, Henry, Jackson, Jefferson, Kane-DuPage, Knox, Massac, McDonough, McHenry-Lake, Mercer, Monroe, Ogle, Peoria, Perry, Piatt, Pulaski-Alexander, Rock Island, Saline, St. Clair, Stark, Stephenson, Vermilion, Williamson, Winnebago, and Woodford.

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# 3 solar projects announced in Michigan

By Kevin Walker  
Michigan Correspondent

JACKSON, Mich. – Consumers Energy has announced three major solar projects that will add almost 400 megawatts of energy for Michigan homes and businesses in the south-central portion of the state by 2023.

“Increasing clean energy for our customers shows our commitment to being a force of change for clean energy that benefits the people of Michigan and protects our planet,” said Dennis Dobbs, Consumers Energy’s vice president of enterprise project management and environmental services, in a press release. “Our partners in these projects are helping us transform the energy landscape and create a cleaner energy future for generations to come.”

The three developments are the Washtenaw Solar Energy Project, a 150-megawatt project to be developed by Invenergy before ownership would be transferred to Consumers. The plant will be near Ann Arbor in southeastern lower Michigan. According to Invenergy, the project will generate \$16.7 million in local earnings to Saline Township, add 216 temporary positions during construction and generate \$9.7 million in total school district revenue.

The second project, Cereal City Solar, is a 100-megawatt project developed by NextEra. It will be located in southwestern lower Michigan near Marshall in Calhoun County. “Things are going quite well with the project,” said Bryan Garner, a spokesman for NextEra. “We have a permitting hearing scheduled for February in Marshall Township. As long as things go well with that, we hope to break ground in May of 2022.”

The third project, Jackson County Solar, will be built by National Grid Renewables. Consumers will buy electricity from the facility for 20 years. The project is slated to be near Consumers’ headquarters in southeastern lower Michigan.

“As a farmer-founded company, National Grid Renewables is excited to expand our investment in Michigan with the Jackson County Solar project,” said Lindsay Smith, a spokesman for National Grid Renewables. “Jackson County Solar is located in Parma Township and will provide significant economic benefit for the local community.”

Smith said the project will generate \$29 million in direct economic benefit to the rural community over the first 20 years of its operation. There will also be landowner payments, though Smith would not specify any amounts involved.

These solar developments are part of Consumers’ Clean Energy Plan, which aims to dramatically increase renewable energy in Michigan, eliminate coal as a fuel source for electricity by 2025 and achieve ‘net zero’ carbon emissions by 2040. Although both solar and wind developments in Michigan have provided revenue to landowners as well as local governments, they haven’t been without controversy.

Aesthetic and other issues have often swirled around renewables projects. Consumers Energy spokesman Terry DeDoes said developers of these projects are tight-lipped about any controversies, though he refused to speculate on any specifics. “Communities have different sensitivities about these projects and they vary from community to community,” DeDoes

said. He added that the land these projects are built on are “quite often” farmer owned.

A proposed solar development from last year, the Carroll Road Solar Farm in Lenawee County, met with some resistance, according to a local report. Karlene Goetz, an elected official in Riga Township said, “I have a hard time buying the notion that this is a good idea. This is very good, productive farmland. We’re trying to preserve our farmland.”

Garner said that anytime there’s “something new, people are going to have questions about it, but the more we share with people in the community, the more comfortable people are going to be with it.”

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# ResponsibleAg board of directors elects leaders for 2022

OWENSBORO, Ky. – The ResponsibleAg board of directors held the initiative's 2021 annual meeting Dec. 2, following the Agricultural Retailers Association (ARA) convention in San Antonio, Texas. Election of officers was a primary order of business, with new leadership chosen to take the helm beginning Jan. 1, 2022.

The 2022 officers are:

– Chairman, Gary Vogen, vice president, corporate and regulatory affairs, YARA North America, Tampa, Fla.

– Vice Chairman, Kyle Springs,

senior director of safety and health retail, Nutrien Ag Solutions, Midlothian, Va.

– Secretary, Kevin Frye, safety services manager, GROWMARK, Bloomington, Ill.

– Treasurer, Kent McPherson, director of business and sales development, GreenPoint Ag, Decatur, Ala.

Other board members include Clark Capwell, general manager of environmental, health, safety and sustainability, The McGregor Company, Colfax, Wash.; Matthew Entwistle, sales agronomist with

CaroVail, Oriskany Falls, N.Y.; Matt Green, vice president of marketing, CRV Partners, Sugar Land, Texas; Jeff Mize, CEO, Ag Plus, Inc., South Whitley, Ind.; and Andy Spahr, director of sales and logistics – primary nutrients, The Andersons, Maumee, Ohio.

During the closing session of the ARA convention, Daren Coppock, president and CEO of ARA, saluted two industry leaders whose final terms on the board are ending.

Retiring board chairman, Tim McArdle, retired COO of Brandt Consolidated, Inc. in Springfield, Ill., and board vice chairman, David Ito, vice president of regulatory affairs for Grow West in Woodland, Calif., have each served six years on the board and were heralded for their foresight and long-term commitment to employee safety and the ResponsibleAg certification program.

"We are happy to recognize Tim McArdle and Dave Ito. They were among the industry leaders whose foresight and commitment to employee safety and the well-being of our industry led to creation of the ResponsibleAg audit and certifica-

tion program," Coppock said. "Today, the program is recognized by key regulators and elected officials as a bellwether that members of the ag retail and fertilizer industry take safety and security seriously."

"The ResponsibleAg program is making a real difference for our industry, particularly on Capitol Hill, and it wouldn't have achieved its success without the efforts and guidance of these two dedicated leaders," Coppock said.

Joining Coppock in honoring McArdle and Ito were Amber Duke, president and CEO of Asmark Institute, and Corey Rosenbusch, president and CEO of The Fertilizer Institute.

ResponsibleAg is an industry initiative launched in 2014 to help retail facilities comply with federal environmental, health, safety and security rules for safe handling and storage of fertilizer and agrichemical products. Primary objectives of the initiative are to ensure the safety of employees and local communities served by agricultural retailers, distributors and fertilizer manufacturers.

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# Commodity demand remains strong

The November fats and oils report showed slightly less soybean consumption than trade was expecting. A reported 190 million bu (mbu) of soybeans were processed by U.S. crushers, which was just under the average trade guess. This was also under the 197 mbu that were crushed in October, but in line with the 191 mbu crushed in November 2020. Soy oil production for the month was reported at 2.25 billion pounds, a 4 percent decline on the month.

Corn use for ethanol in November was also released with 469 mbu being processed. This was up fractionally from October, but a large 9 percent increase from November 2020. This total was also a four-year high usage total for the month of November. Marketing year-to-date corn demand for ethanol now totals 1.34 billion bu. More ethanol plants are starting to resume operations following COVID shutdowns, which will likely lead to higher demand in reports.

U.S. beef exports for 2021 are going down as the largest on record. The latest data shows U.S. beef exports for 2021 totaled 910,500 metric tons, with one week of data left to collect. This is a direct result of Chinese demand, which was a record 152,000 metric tons for the year. The question now is if this demand will carry into 2022 as Brazil, a leading competitor of the U.S. beef exports, starts to resume shipments.

We are also seeing interest on U.S. pork exports as data indicates 2021 demand was over-stated. Buyers have been rolling some of their 2021 purchases forward, but there is still a large volume of unshipped pork sales on the books. As of last week, the United States had outstanding pork sales of 121,000 metric tons on the books. The question now is if these remaining sales will be rolled forward as well, or simply washed out of. Either way, it will alter our 2021 pork balance sheets.

One of the greatest unknowns for U.S. pork demand is what is taking place in China. China reports its hog herd is growing, with sow numbers at the end of November up 4.7 percent from a year ago as the country rebounds from African swine fever. This put China's sow herd at 43 million. China's slaughter is rapidly increasing though and is up 66 percent from a year ago. This is flooding China's market with cheap pork and will likely slow their import appetite.

The question is what this means for Chinese pork imports from the United

States. China has been rolling a large portion of its 2021 U.S. pork purchases to 2022. China currently has 44 million pounds of pork purchases from the United States on the books for 2022 shipment. This compares to 106 million pounds a year ago and a huge 528 million pounds of purchases in 2019. The loss of this business is likely to pressure U.S. hog futures regardless of current pork stocks data.

Trade is also keeping a very close eye on China's demand for U.S. soybeans. Last week, China accounted for 55 percent of U.S. soybean shipments. For the marketing year, China has been the destination for 64 percent of cumulative loadings. The concern with this is that the United States is not China's leading soybean supplier, and if we see their business continue to decline, we may not see enough other buying surface to cover the void that is created.

Quality is starting to become more of a factor when it comes to price discovery, especially in the export market. Buyers have started to show more restraint when making purchases from regions of the world where lower quality crops have been produced. At the present time this is most notable in the wheat market where buyers are showing concern over the Australian crop. Even with record production, some buyers are covering needs from other sources, even if the cost is higher.

Quality is not just a factor in wheat, and not just in the global market. Buyers are also showing concern over U.S. corn quality. There are reports of high foreign material in corn this year which makes it harder to store and may lead to further quality issues later in the year. There are also reports of low-test weight on new crop U.S. soybeans, which buyers will avoid if possible.

The overall state of the U.S. farm economy is improving. Net farm income has been forecast to increase this year, and at the same time, farm loan delinquencies have declined. Federal banking officials claim delinquent farm payments this year are down nearly 40 percent from a year ago. This is the lowest number of defaults since 2015. There are concerns that the rising cost of inputs this year will cause delinquencies to increase.

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MARKET ANALYSIS  
By Karl Setzer

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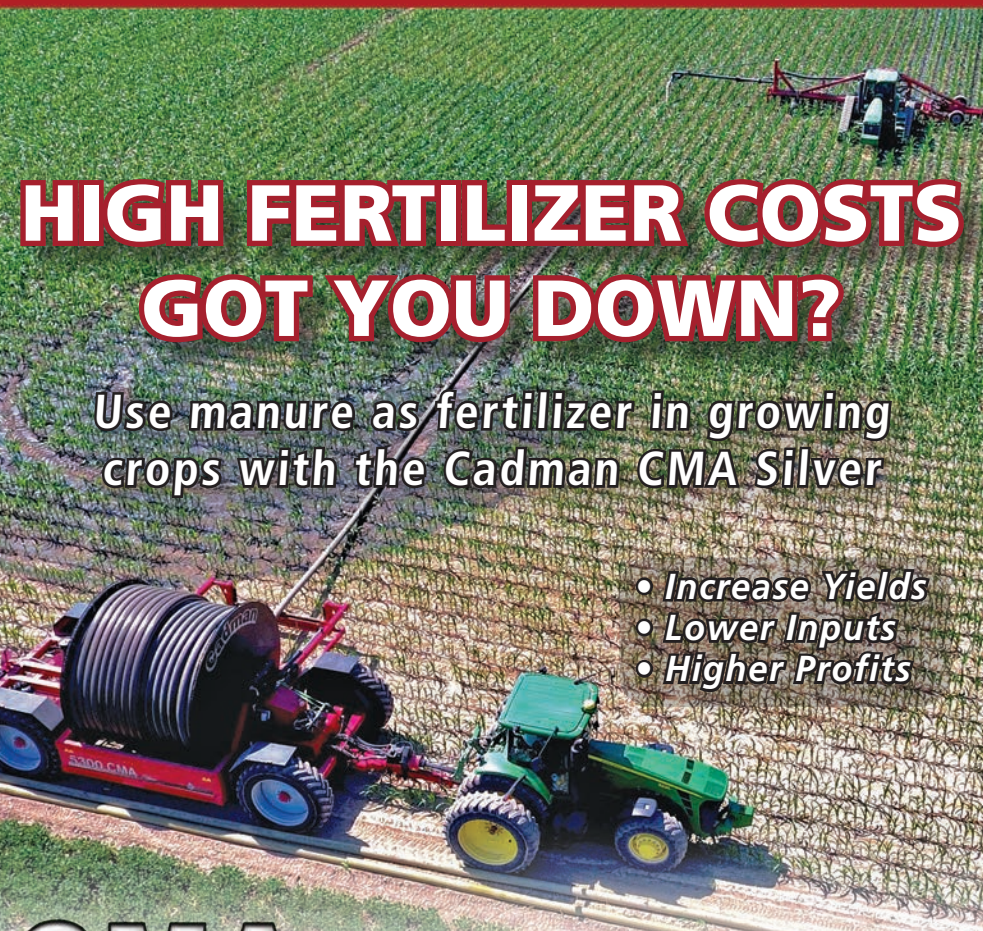




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# Tips to protect animals during cold weather

LEXINGTON, Ky. – It took longer for winter to truly arrive this year, but it's making up for lost time with a blast of measurable snow across much of Kentucky. With significant accumulations and temperatures dipping into the single digits and low-to mid-teens, conditions have pushed the livestock cold stress index into the emergency category.

"The combination of cold air and wind create wind chills that cause dangerous and emergency-category periods of livestock cold stress," said Matt Dixon, agricultural meteorologist for the University of Kentucky College of Agriculture, Food and Environment's Ag Weather Center. "The wind chills for the overnight of Jan. 6 into Jan. 7 (were) near or below zero in many areas."

Livestock producers should make sure animals have adequate shelter, water, dry bedding and feed to make it through cold periods. Pet owners should bring pets indoors. Animals have a higher requirement for energy in the colder months, which means they need high-quality grains and forages.

"The average horse, with a lower activity level, should eat between 1.5 percent and 2 percent of its body weight in feed per day to maintain its weight," said UK equine specialist Bob Coleman. "That feed requirement goes up in the winter, as horses use more calories to keep warm."

He recommended providing extra hay and making sure horses have shelter to get out of windy, damp weather. Horses must have access to clean, unfrozen water. Coleman said to check often to make sure water sources are open. A decrease in water intake affects dry

matter intake.

Ambient temperatures can impact the amount of dry matter cattle eat, providing an opportunity to compensate for increased maintenance energy needs. Producers either need to increase their animals' feed intake or increase the energy density of the diet by feeding higher quality hay or adding more grain or fat to the grain mix, UK beef specialist Jeff Lehmkuhler said.

Lehmkuhler recommended that producers continue to monitor cows during the wintertime and make sure to maintain their body condition.

"Poor quality hay may not provide adequate energy to maintain gestating cows that are entering the third trimester," he said. "Consider having the hay tested to determine if you need to supplement during times of possible cold stress, especially for the enduring cold spells."

Producers should consider separating younger and thinner cows that may not have the same internal insulation as conditioned older cows and supplement them accordingly or offer them higher quality forage if available. Coleman said equine owners can employ similar strategies and separate animals according to body condition score.

"Producers should move cows to fields with natural windbreaks or provide man-made windbreaks, which are not the same as a barn," Lehmkuhler suggested. "Poorly managed barns combined with poor ventilation may actually hamper efforts to improve the environmental conditions. Energy or calories are critical. If the protein level in the forage is adequate, do not make supplement

(Tips continued on page 27)

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MARKETS

Blue Grass Stockyards  
Lexington, KY

Livestock Weighted Average Report for 01/03/2022 - Final AUCTION

	This Week	Last Reported 12/20/2021	Last Year
Total Receipts:	548	447	524
Feeder Cattle:	495(90.3%)	363(81.2%)	
407(77.7%)			
Slaughter Cattle:	49(8.9%)	69(15.4%)	
112(21.4%)			
Replacement Cattle:	4(0.7%)	15(3.4%)	
5(1.0%)			

No market comparisons due to Holidays however market opening strong. Light run due to Holidays and extremely muddy field conditions. Supply included: 90% Feeder Cattle (24% Steers, 0% Dairy Steers, 67% Heifers, 9% Bulls); 9% Slaughter Cattle (79% Cows, 21% Bulls); 1% Replacement Cattle (33% Bred Cows, 33% Bred Heifers, 33% Cow-Calf Pairs). Feeder cattle supply over 600 lbs was 65%.

Groups of 20 head or more:

**Steers**  
47 head 623 lbs 163.75 Blk Few Mixed Value-Added  
**Heifers**  
25 head 532 lbs 150.75 Blk Value-Added  
44 head 643 lbs 141.75 Blk Few Mixed Value-Added  
131 head 742 lbs 148.95 Blk-Mixed Value-Added

FEEDER CATTLE

STEERS - Medium and Large 1-2 (Per Cwt / Actual Wt)					
Head	Wt Range	Avg Wt	Price Range	Avg Price	
2	367	367	166.00	166.00	
7	415-449	444	164.50-190.00	167.90 Value Added	
2	487	487	149.00	149.00	
14	460-476	475	167.00-181.50	179.24 Value Added	
10	528	528	150.50	150.50	
1	545	545	154.00	154.00 Value Added	
3	550-590	565	149.00-152.00	150.31	
55	623-637	624	143.00-163.75	160.84 Value Added	
8	682-685	682	141.00-155.50	153.68 Value Added	
7	755	755	143.00	143.00 Value Added	

STEERS - Medium and Large 2-3 (Per Cwt / Actual Wt)					
Head	Wt Range	Avg Wt	Price Range	Avg Price	
2	417	417	148.00	148.00	
1	510	510	144.00	144.00	
2	572	572	135.00	135.00	
1	790	790	125.00	125.00	
1	860	860	119.00	119.00	

DAIRY STEERS - Large 3 (Per Cwt / Actual Wt)					
Head	Wt Range	Avg Wt	Price Range	Avg Price	
1	785	785	58.00	58.00	

HEIFERS - Medium and Large 1-2 (Per Cwt / Actual Wt)					
Head	Wt Range	Avg Wt	Price Range	Avg Price	
1	360	360	140.00	140.00	
3	405-445	422	135.00-143.00	139.38	
13	416-430	424	144.00-147.50	146.51 Value Added	
6	472-486	481	136.00-139.00	136.98	
17	450-487	471	144.00-148.00	146.06 Value Added	
3	520-545	533	126.00-134.00	129.96	
41	500-537	529	138.00-150.75	149.12 Value Added	
1	555	555	131.00	131.00	
5	590	590	137.50-140.00	138.00 Value Added	
2	620	620	127.00	127.00	
5	610-616	614	133.00-133.50	133.30 Guaranteed	
				Open	
51	603-643	638	138.50-141.75	141.33 Value Added	
4	658	658	130.00	130.00	
1	730	730	120.00	120.00	
1	31 742	742	148.95	148.95 Value Added	
1	810	810	116.00	116.00	
3	951	951	108.00	108.00	

HEIFERS - Medium and Large 2-3 (Per Cwt / Actual Wt)					
Head	Wt Range	Avg Wt	Price Range	Avg Price	
2	275-295	285	120.00	120.00	
1	385	385	127.00	127.00	
1	475	475	120.00	120.00	
1	545	545	117.00	117.00	
2	570-585	578	115.00-120.00	117.47	
3	627-630	628	118.00-120.00	119.33	
5	680-685	681	110.00-119.00	111.81	
4	746	746	110.00	110.00	
4	763-780	767	89.00-114.00	95.35	
1	850	850	82.00	82.00	

HEIFERS - Large 1-2 (Per Cwt / Actual Wt)					
Head	Wt Range	Avg Wt	Price Range	Avg Price	
2	907	907	105.00	105.00	

HEIFERS - Small and Medium 1-2 (Per Cwt / Actual Wt)					
Head	Wt Range	Avg Wt	Price Range	Avg Price	
1	345	345	105.00	105.00	
1	415	415	105.00	105.00	

BULLS - Medium and Large 1-2 (Per Cwt / Actual Wt)					
Head	Wt Range	Avg Wt	Price Range	Avg Price	
3	350-355	353	151.00-156.00	154.35	
2	405-445	425	155.00-158.00	156.43	
1	495	495	144.00	144.00	
3	525-535	528	142.00-145.00	144.01	
1	570	570	144.00	144.00	
5	610-645	630	128.00-136.00	132.18	
5	655-680	670	125.00-130.00	127.58	
3	715-735	722	121.00-127.00	123.97	
2	775-795	785	120.00-129.00	124.56	
2	955	955	80.00	80.00	

BULLS - Medium and Large 2-3 (Per Cwt / Actual Wt)					
Head	Wt Range	Avg Wt	Price Range	Avg Price	
3	325-345	337	140.00-142.00	140.64	
1	460	460	121.00	121.00	
1	505	505	136.00	136.00	

BULLS - Large 1-2 (Per Cwt / Actual Wt)					
Head	Wt Range	Avg Wt	Price Range	Avg Price	
1	660	660	128.00	128.00	
2	750-770	760	115.00-116.00	115.49	

BULLS - Small and Medium 1-2 (Per Cwt / Actual Wt)					
Head	Wt Range	Avg Wt	Price Range	Avg Price	
1	245	245	125.00	125.00	
1	320	320	113.00	113.00	
2	350-355	353	116.00-119.00	117.49	
2	457	457	125.00	125.00	

SLAUGHTER CATTLE

COWS - Breaker 75-80% (Per Cwt / Actual Wt)					
Head	Wt Range	Avg Wt	Price Range	Avg Price	Dressing
3	1450-1480	1462	60.00-63.00	61.68	Average
4	1235-1750	1425	64.00-71.00	68.52	High

COWS - Boner 80-85% (Per Cwt / Actual Wt)					
Head	Wt Range	Avg Wt	Price Range	Avg Price	Dressing
7	925-1320	1156	56.00-62.00	59.28	Average
11	1085-1555	1361	63.00-73.00	67.47	High
1	1145	1145	53.00	53.00	Low

COWS - Lean 85-90% (Per Cwt / Actual Wt)					
Head	Wt Range	Avg Wt	Price Range	Avg Price	Dressing
3	1140-1230	1182	55.00-59.00	56.33	Average
1	1020	1020	61.00	61.00	High

BULLS - 1-2 (Per Cwt / Actual Wt)					
Head	Wt Range	Avg Wt	Price Range	Avg Price	Dressing
1	1420	1420	89.00	89.00	Average
7	1410-2080	1756	97.00-108.00	103.20	High

REPLACEMENT CATTLE						
BRED COWS - Medium and Large 1-2 (Per Head / Actual Wt)						
Age	Stage	Head	Wt Range	Avg Wt	Price Range	Avg Price
2-8	T3	1	1180	1180	800.00	800.00
BRED HEIFERS - Medium and Large 1-2 (Per Head / Actual Wt)						
Age	Stage	Head	Wt Range	Avg Wt	Price Range	Avg Price
2-4	T3	1	1190	1190	975.00	975.00
COW-CALF PAIRS - Medium and Large 1-2 w/ <150 lbs calf (Per Family / Actual Wt)						
Age	Stage	Head	Wt Range	Avg Wt	Price Range	Avg Price
2-8	O	1	1330	1330	1025.00	1025.00

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 d trimester, 1 to 6 months; T2 = 2nd Trimester, 4 to 6 months; T2-3 = 2nd/3rd Trimester, 4 to 9 months; T3 = 3rd Trimester, 7 to 9 months; T1-3 = all trimesters, 1 to 9 months; E = Exposed; B = Bred)  
Age - Numerical representation of age in years.

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

Kentucky Daily Grain Bids

Grain Report for Thursday, January 6, 2022 - Final

FUTURE SETTLEMENTS	
Closing Settlement Prices (c/bu) as of 1/6/2022	
CBOT	Corn
CBOT	Soybeans
CBOT	Wheat
CBOT	White Oats
KCBT	Wheat
MGE	Wheat

US #2 WHITE CORN (BULK)					
Country Elevators - Conventional					
Region/Location	Basic (c/Bu)	Basis Change	Price (\$/Bu)	Price Change	Average
Pennyrile	70.00H	UNCH	6.7375	UP 0.0150	6.7375
Pennyrile	50.00Z	UNCH	6.0425	DN 0.0050	6.0425

Barge Loading Elevators - Conventional					
Region/Location	Basic (c/Bu)	Basis Change	Price (\$/Bu)	Price Change	Average
Ohio River - Lower KY	95.00H	UNCH	6.9875	UP 0.0150	6.9875
Ohio River - Lower KY	20.00Z	UNCH	5.7425	DN 0.0050	5.7425
Purchase	82.00H to 95.00H	UNCH	6.8575-6.9875	UP 0.0150	6.9225
Purchase	15.00Z	UNCH	5.6925	DN 0.0050	5.6925

US #2 YELLOW CORN (BULK)					
Country Elevators - Conventional					
Region/Location	Basic (c/Bu)	Basis Change	Price (\$/Bu)	Price Change	Average
Purchase	-5.00H to 0.00H	UNCH	5.9875-6.0375	UP 0.0150	6.0125
Green River	-5.00H	DN 5.00	5.9875	DN 0.0350	5.9875
Green River	-20.00Z	UNCH	5.3425	DN 0.0050	5.3425
Pennyrile	-5.00H to 5.00H	UNCH	5.9875-6.0875	UP 0.0150	6.0375
Pennyrile	-25.00Z to -15.00Z	UNCH	5.2925-5.3925	DN 0.0050	5.3425
Louisville	-15.00H to -4.00H	UNCH	5.8875-5.9975	UP 0.0150	5.9425
Bluegrass	-10.00H	UNCH	5.9375	UP 0.0150	5.9375
Bluegrass	-25.00Z	UNCH	5.2925	DN 0.0050	5.2925

Barge Loading Elevators - Conventional					
Region/Location	Basic (c/Bu)	Basis Change	Price (\$/Bu)	Price Change	Average
Ohio River - Upper KY	-18.00H	DN 6.00	5.8575	DN 0.0450	5.8575
Ohio River - Upper KY	-31.00Z	UNCH	5.2325	DN 0.0050	5.2325
Ohio River - Lower KY	-10.00H to 3.00H	DN 5.00-UP 3.00	5.9375-6.0675	DN 0.0350-UP 0.0450	5.9775
Ohio River - Lower KY	-20.00Z to -15.00U	UNCH	5.3425-5.5225	DN 0.0050-DN 0.0025	5.4192
Purchase	-8.00H to 22.00H	DN 2.00-UP 2.00	5.9575-6.2575	DN 0.0050-UP 0.0350	6.1100
Purchase	-25.00Z to -15.00U	UNCH	5.2925-5.5225	DN 0.0050-DN 0.0025	5.4258

US #1 SOYBEANS (BULK)					
Country Elevators - Conventional					
Region/Location	Basic (¢/Bu)	Basis Change	Price (\$/Bu)	Price Change	Average
Purchase	-10.00H to -5.00H	UNCH	13.7725-13.8225	DN 0.0750	13.7975
Green River	-25.00H	UNCH	13.6225	DN 0.0750	13.6225
Green River	-35.00X	UNCH	12.7150	UP 0.0250	12.7150
Pennyrile	-30.00H to -15.00H	13.5725-13.7225	DN 0.0750-DN 0.0700	13.6475	13.4525
Pennyrile	-50.00X to -30.00X	UNCH	12.5650-12.7650	UP 0.0250	12.6650
Louisville	-39.00F	UNCH	13.3825	DN 0.0700	13.3825
Bluegrass	-30.00H	UNCH	13.5725	DN 0.0750	13.5725
Bluegrass	-45.00X	UNCH	12.6150	UP 0.0250	12.6150
Barge Loading Elevators - Conventional					
Region/Location	Basic (¢/Bu)	Basis Change	Price (\$/Bu)	Price Change	Average
Ohio River - Upper KY	-7.00H	DN 4.00	13.8025	DN 0.1150	13.8025
Ohio River - Upper KY	-10.00X	UP 1.00	12.9650	UP 0.0350	12.9650
Ohio River - Lower KY	-10.00H to 1.00H	DN 5.00	13.7725-13.8825	DN 0.1250	13.8350
Ohio River - Lower KY	-10.00X to 4.00X	UNCH-UP 3.00	12.9650-13.1050	UP 0.0250-UP 0.0550	13.0475
Purchase	-12.00H to 30.00H	UP 3.00-UP 10.00	13.7525-14.1725	DN 0.0450-UP 0.0250	13.9675
Purchase	-17.00X to -4.00X	DN 2.00-UNCH	12.8950-13.0250	UP 0.0050-UP 0.0250	12.9450



# Weekly National Sheep Summary

## For the Week Ending Friday, January 7, 2022

Weekly Trends: Compared to last week slaughter lambs sold steady to 1.00 higher. Slaughter ewes were weak to 8.00 lower. Feeder lambs were not well tested. At San Angelo, TX 3,664 head sold. Equity Cooperative Auction sold 350 slaughter lambs in North Dakota. In direct trading slaughter ewes and feeder lambs were not tested. 2,208 lamb carcasses traded with no trend due to confidentiality. All sheep sold per hundred weight (CWT) unless specified.

Slaughter Lambs: Choice and Prime 2-3:	
San Angelo:	wooled and shorn 130-140 lbs 275.00-276.00; 150-170 lbs 195.00-200.00.
New Holland, PA:	wooled and shorn 100-130 lbs 280.00-340.00; 165-195 lbs 195.00-235.00.
Ft. Collins, CO:	wooled and shorn 110-140 lbs 265.00-285.00.
South Dakota:	wooled and shorn 115-150 lbs 230.00-238.00, few 245.00-270.00; 150-165 lbs 226.00-230.00.
Kalona, IA:	wooled and shorn 100-140 lbs no test.
Billings, MT:	wooled and shorn 110-115 lbs no test.
Missouri:	wooled and shorn 100-110 lbs no test.
Equity Coop:	wooled and shorn 130 lbs 230.75.
Slaughter Lambs: Choice and Prime 1-2:	
San Angelo:	hair 40-60 lbs 400.00-440.00; 60-70 lbs 375.00-401.00, few 405.00-426.00; 70-80 lbs 354.00-390.00, few 400.00; 80-90 lbs 320.00-365.00, few 370.00; 90-110 lbs 280.00-336.00. woolled and shorn 93 lbs 328.00.
New Holland:	wooled and shorn 40-50 lbs 405.00-450.00; 50-60 lbs 375.00-410.00, few 425.00-465.00; 60-70 lbs 410.00; 70-80 lbs 305.00-375.00, few 422.00-430.00; 80-90 lbs 325.00-375.00, few 385.00-390.00; 90-100 lbs 320.00-365.00. hair 40-50 lbs 370.00-390.00, few 430.00; 50-60 lbs 385.00-415.00; 60-70 lbs 355.00-390.00, few 430.00; 70-80 lbs 360.00-380.00; 80-90 lbs 340.00-355.00; 90-100 lbs 295.00-345.00.
Ft. Collins:	wooled and shorn 70-80 lbs 260.00-270.00; 80-90 lbs 290.00-305.00. hair 76 lbs 265.00.
Kalona:	no test.
South Dakota:	wooled and shorn 58 lbs 365.00; 60-70 lbs 355.00-365.00; 78 lbs 395.00; 80-90 lbs 310.00-345.00; 91 lbs 335.00. hair 73 lbs 380.00; 91 lbs 305.00.
Billings:	no test.
Missouri:	hair 40-50 lbs 350.00-405.00; 50-60 lbs 345.00-397.50; 60-70 lbs 360.00-382.50; 70-80 lbs 340.00-362.50. Woolled and shorn 88 lbs 297.50.

### Missouri Direct Hay Report

### Direct Hay Weighted Average Report

### for week ending 1/7/2022

Unlike most of the month of December there has been no mistaking it is winter as the first week of January wraps up. Extremely cold temperatures has cattle waiting for the feed truck now. Ice chopping has also become a part of the day and trying to remember if one plugged in the tractor or not a common thought before bed. As typical hay business and inquires has ticked up just a touch as snowflakes begin to fall, however many farmers have ample supplies and are not in the market. Most inquires seem to be for a few small squares or a round bale or two too set out for either equine or a few small animals. The supply of hay is moderate and demand is light to moderate and prices mostly steady. The Missouri Department of Agriculture has a hay directory visit <http://mda.mo.gov/abd/haydirectory/> for listings of hay <http://agebb.missouri.edu/haylist/>

HAY (Conventional)	
	Price Range
Alfalfa - Supreme (Ask/Per Ton)	
Medium Square 3x3	200.00-250.00
Alfalfa - Supreme (Ask/Per Bale)	
Small Square	8.00-12.00
Alfalfa - Premium (Ask/Per Ton)	
Medium Square 3x3	160.00-200.00
Alfalfa - Good (Ask/Per Ton)	
Large Round	120.00-160.00
Alfalfa - Good (Ask/Per Bale)	
Small Square	5.00-9.00
Alfalfa - Fair (Ask/Per Ton)	
Large Round	100.00-125.00
Alfalfa/Grass Mix - Good/Premium (Ask/Per Bale)	
Small Square	6.00-8.00
Mixed Grass - Good/Premium (Ask/Per Ton)	
Large Round	80.00-140.00
Mixed Grass - Fair/Good (Ask/Per Ton)	
Large Round	60.00-100.00
Mixed Grass - Fair/Good (Ask/Per Bale)	
Small Square	4.00-6.00
Mixed Grass - Fair (Ask/Per Bale)	
Large Round	25.00-55.00
STRAW (Conventional)	
Wheat - (Ask/Per Bale)	
Small Square	4.00-6.00
Source: USDA AMS Livestock, Poultry & Grain Market News MO Dept of Ag Market News Jefferson City, MO   (573) 751-5618 <a href="https://mymarketnews.ams.usda.gov/">https://mymarketnews.ams.usda.gov/</a> <a href="http://www.ams.usda.gov/lpgmn">www.ams.usda.gov/lpgmn</a> <a href="https://mymarketnews.ams.usda.gov/viewReport/2929">https://mymarketnews.ams.usda.gov/viewReport/2929</a>	

Slaughter Ewes:	
San Angelo:	Good 3-4 (very fleshy) no test; Good 2-3 (fleshy) 160.00-186.00; Utility and Good 1-3 (medium flesh) 170.00-200.00; Utility 1-2 (thin) 150.00-186.00; Cull and Utility 1-2 (very thin) 130.00-135.00; Cull 1 90.00.
New Holland:	Good 3-4 (very fleshy) 150.00; Good 2-3 (fleshy) 140.00-215.00; Utility 1-2 (thin) no test; Cull 1 No test.
Ft. Collins:	Good 3-4 (very fleshy) 180.00; Good 2-3 (fleshy) 140.00-215.00; Utility 1-2 (thin) 145.00-175.00; Cull 1 no test.
South Dakota:	Good 3-4 (very fleshy) 140.00-176.00; Good 2-3 (fleshy) 163.00-175.00, hair 200.00; Utility 1-2 (thin) 165.00-185.00; Cull 1 140.00-145.00.
Kalona:	Good 3-4 (very fleshy) no test; Good 2-3 (fleshy) no test; Utility and Good 1-3 (medium flesh) no test; Utility 1-2 (thin) no test.
Billings:	Good 3-4 (very fleshy) no test; Good 2-3 (fleshy) no test; Utility 1-2 (thin) no test; Cull 1 no test.
Missouri:	Good 3-4 (very fleshy) no test; Good 2-3 (fleshy) 170.00-217.50; Utility and Good 1-3 (medium flesh) 130.00-140.00; Cull and Utility 1-2 (very thin) no test.
Equity Coop:	No sales.
Direct Trading:	No sales.
Feeder Lambs: Medium and Large 1-2:	
San Angelo:	59 lbs 350.00.
Ft. Collins:	55 lbs 290.00; 79 lbs 280.00; 90-100 lbs 280.00-305.00; 100-110 lbs 290.00-307.50; 123 lbs 235.00.
South Dakota:	105 lbs 200.00; 144 lbs 218.00.
Kalona:	No test.
Billings:	No test.
Missouri:	No test.
Equity Coop:	No sales.
Replacement Ewes: Medium and Large 1-2:	
San Angelo:	Hair ewe lambs 89 lbs 370.00/cwt; mixed age hair 115-140 lbs 196.00-232.00/cwt.
Ft. Collins:	No test.
South Dakota:	Bred yearlings 385.00/head; bred young 335.00-410.00/head; bred middle age 335.00/head.
Kalona:	No test.
Billings:	No test.
Missouri:	No test.

Sheep and lambs slaughter under federal inspection for the week to date totaled 35,000 compared with 32,000 last week and 34,000 last year.

Source: USDA AMS LPG Market News,  
San Angelo, Texas  
Rebecca Sauder, 325-450-4265  
[www.ams.usda.gov/lpgmn](http://www.ams.usda.gov/lpgmn)

## Daily Livestock Slaughter Under Federal Inspection

### Friday, January 7, 2022

	CATTLE	CALVES	HOGS	SHEEP
Friday 01/07/2022	112,000	1,000	463,000	6,000
Week ago	61,000	1,000	295,000	1,000
Year ago (act)	119,000	2,000	485,000	5,000
Week to date	562,000	7,000	2,316,000	35,000
Same Period Last Week	536,000	7,000	2,180,000	32,000
Same Period Last Year (act)	586,000	8,000	2,445,000	34,000
Saturday 01/08/2022	58,000	0	262,000	0
Week ago	1,000	0	1,000	0
Year ago (act)	66,000	0	384,000	0
Week to date	620,000	7,000	2,578,000	35,000
Same Period Last Week	537,000	7,000	2,181,000	32,000
Same Period Last Year* (act)	652,000	9,000	2,829,000	34,000
2022 Year to Date	621,000	7,000	2,579,000	35,000
2021 *Year to Date	720,000	9,000	3,156,000	34,000
Percent change	-13.7%	-19.3%	-18.3%	2.0%

2022 \*Totals subject to revision

2021 \*Totals adjusted to reflect NASS revisions

Yearly totals may not add due to rounding

Previous day	Steer and Heifer	Cow and Bull
Thursday	87,000	26,000
Source: USDA Livestock, Poultry, and Grain Market News Division, St Joseph, MO		
816-676-7000 e-mail: <a href="mailto:stjoe.lpgmn@ams.usda.gov">stjoe.lpgmn@ams.usda.gov</a>		
<a href="http://www.ams.usda.gov/mnreports/SJ_LS710.txt">www.ams.usda.gov/mnreports/SJ_LS710.txt</a>		
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# UPI appoints Jon White for its Advanced Hog Marketing initiatives

By DOUG GRAVES  
Ohio Correspondent

COLUMBUS, Ohio – United Producers Inc. (UPI), a farmer-owned and operated livestock cooperative based in Columbus, Ohio, has appointed Jon White as its Advanced Hog Marketing Relationship and Strategy officer.

“My position that has been created is in relation to that livestock world that we live in,” White said. “Essentially, my job is to strategize and build out some new programs and services that can benefit the members of this coop and assist the current team members who are on this advance hog marketing team, helping them do their job to the best of their abilities.”

In his new role, White will be responsible for maintaining the highest standard of quality, growth and profitability for UPI swine programs.

White is a graduate of Michigan State University, where he earned a Bachelor of Science in Mechanical Engineering. His career includes experiences in the swine industry, including farm ownership and operations.

“I grew up on a farrow to finish swine farm, so I know about swine first hand,” said White, who most recently served as the assistant director for Kalmbach Swine Management in Upper Sandusky, Ohio.

“Agricultural Producers Unite” is the rallying cry at this coop. UPI offers marketing, financing and credit services to its member ranchers and farmers. It also provides risk management and production management services.

“What we do for our members is we buy and re-sell livestock in small lots, but for some of our larger members we assist with contract negotiations with direct packers. We offer some risk management services for them and are we a fiduciary type of organization,” White said. “But our primary function is that marketing assistance in terms of contract negotiations and scheduling the delivery of animals.”

“Covid has changed the landscape,” White says. “What we have experienced the last 18 to 24 months is that we have to be forward looking and be strategic about how one operates the business in terms of day to day livestock marketing as it is a much more critical role than ever. So having someone like myself at United Producers who brings in strong livestock production experience with some large system experience will prove valuable to the customer.”

White is heavily involved in the agricultural world. He has served as vice president for the Cass County Farm Bureau, chairman of the Livestock and Poultry Advisory Committee for the Michigan Farm Bureau, chairman of the Swine Committee for the National

Commodity Summit (Arkansas) and numerous other involvements in his community and related industries.

“Jon has a great deal of first-hand knowledge and experience in the swine industry that will be beneficial to UPI’s members,” said Mike Bumgarner, UPI president and CEO. “He has an exceptional mix of communications,

collaboration and technical skills that make him a great fir for this role.”

UPI has been in existence since 1934. Today, UPI services 45,000 members in Illinois, Indiana, Kentucky, Michigan, Missouri, Ohio and Tennessee. The company has 30 facilities and handles roughly three million head of livestock annually.



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**Above:** Jon White is UPI’s Advanced Hog Marketing Relationship and Strategy officer. His office is in Findlay, Ohio, though the company is headquartered in Columbus. With Jon is his wife, Natalie.



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**4x5 Alfalfa** hay, mixed bales, clover/stubble bales, grass, 4x4 wet wrapped rye & Alfalfa bales. Delivery available \$40-\$55. 937-459-0456 Greenville, OH.

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**Firewood** for sale, call for details. 765-277-1464 Cambridge City, IN

**Manure box** spreaders, JD tractors, TMR mixers, New FARMCO horse/cattle feeders, lime spreaders, Esch no-till drills. (200) ITEMS IN STOCK. [www.redbarnandassociates.com](http://www.redbarnandassociates.com). 859-608-9745.

### 20 WANTED TO BUY

**Alum. hopper** bottom grain trailer, could need repair, cheap. La Fontaine, IN. 765-981-2220.

**Buying NH** small, square bales, sickle bar mowers & rakes. We also buy & sell tedders. Williamsburg Machine Indiana. 765-874-1532 ext. 1.

**Farmer looking** for a used grain dryer. 1,000 Bu+ per hour. Will pay fair price. 717-729-0701 Waynesboro, PA

**Looking for** vegetable buyers for the 2022 year. 740-649-6302 Chillicothe, OH.

**Notice:** If you have standing timber, call me before you sell! Charles Fox. 765-853-9925, 765-238-9233 Modoc, IN.

**Single axle** hopper bottom grain trailer, could be damaged, cheap. La Fontaine, IN. 765-981-2220.

**Wanted to buy**, Yetter NT cultivator, or something similar. 6 row or wider. Also need twine needles for Claas 1100/1150 bale. 330-695-4543 Apple Creek, OH.

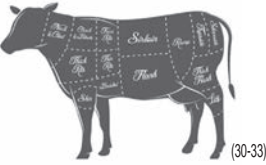
**Wanted to buy** Agco Tractor. LT75, RLT90, 2WD, w/cab. 937-407-9147 Fort Loramie, OH.

**Wanted to buy** a 1,000 gallon anhyd., tank. 765-886-5430 Economy, IN.

**Wanted:** 35' Macdon belt feed been head in exc. cond., to fit JD 9760 combine. 317-753-3236 Shelbyville, IN.

### 30 HELP WANTED

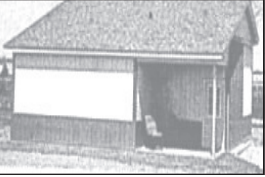
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# ALERT!

# ALERT!

**Beware of text & phone solicitors. Don't be a victim.**

**ALERT! If you get a TEXT message from anyone about your equipment, it's most likely a fraud. BEWARE OF JIM BROWN, NATIONAL VEHICLE REGISTRY, 531-242-5967, JOSHUA BROWN & MICHAEL BRYANT, 912-771-5495, 434-226-4602 (NC)!!!**

They will send you a check that appears to be good, but overpays to the amount of what it costs to pick up equipment, and later wants a wire sent to them through Walmart because they now will pay the pick up company. Their check comes back bad after a few days, and the Walmart wire cannot be reversed. They have been reported to the Federal Trade Commission (FTC) and the Federal Bureau of Investigation (FBI). ALERT!

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

A scammer will often try to pressure you into making a quick decision and to pay up front.  
These are warning signs that should not be ignored!

**REMEMBER:** If a deal is too good to be true, pass. Do not be influenced by a sense of urgency.  
**DO NOT GIVE YOUR CREDIT CARD OVER THE PHONE.**

### 20 WANTED TO BUY

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### 30 HELP WANTED

*Career in meat processing, butchering*

 (30-33)

Pay depending on experience, skill and work habits.  
Location: S. Central IN.  
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2007 Kenworth T300 box truck, 25' box, automatic, 423K miles, tires like new. Has lift gate. Very well maintained. \$13,000. 765-238-9883 Hagerstown, IN.

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210 CATTLE

210 CATTLE

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(10) Coming 2 year old, Charolais X Angus Cross heifers, exposed July 1, all shots & wormed. 812-670-0073.

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(2) Register red Angus cows. Due to calving in the last Spring. 937-539-0950. DeGraff, OH.

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**Angus bulls.** Top bloodlines, outstanding calving ease & dispositions. Underwood Angus Farms. 260-578-6656 North Manchester, IN.

**Baby calves,** 1-2 wks. old, beef cross and Holstein, also Jerseys, can deliver. 270-991-3727

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**Border Collie** puppies, \$350 each. 765-874-1206 Leave message. Lynn, IN.

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**Alfalfa Orchard** grass hay, small square bales, 1st- 2nd-3rd cut, \$3.50-\$6.50/bale, small squares straw also, Arlington, OH. 419-420-2500.

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EC270 poly cupped auger spring 2022. ....	\$21,500
C450 w/conveyor spring 2022. ....	\$32,500
380ST w/8' conveyor spring 2022. ....	\$ CALL
38' 4-wheel steer header cart. ....	\$ 8,900
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8'x41' PTO drive. ....	\$ 5,750
10'x31' electric motor drive (less motor). ....	\$ 6,225
10'x31' PTO drive. ....	\$ 6,450
10'x36' electric motor drive (less motor). ....	\$ 6,925
10'x36' PTO drive. ....	\$ 7,125
10'x41' electric motor drive (less motor). ....	\$ 7,500
10'x41' PTO drive. ....	\$ 7,700
13'x31' electric motor drive (less motor). ....	\$10,100
13'x31' PTO drive. ....	\$10,400
13'x36' PTO drive. ....	\$10,900
13'x41' PTO drive. ....	\$11,350
10'x36' electric motor drive (less motor). ....	\$ 8,800
MXK 10'x63' swing-away. ....	\$14,500
MXK 10'x73' swing-away. ....	\$15,500
MXK 10'x83' swing-away. ....	\$17,500
MXK130-64 13'x64' swing-away. ....	\$23,800
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Kuhn Krause 8050-20, 20' high speed disc. ....	\$ CALL
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Hutchinson 8'x51' electric drive, less motor. ....	\$ 3,000
13' Hutchinson 13'x36' EMD (less motor). ....	\$ 4,000
14' Hutchinson 10'x62' swing-away, hyd. power swing. ....	\$ 9,900
15' Westfield MXK1384 13'x84' swing-away. ....	\$15,000
USED TILLAGE	
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09 Krause 4850-21 13 combo shank Dominator. ....	\$40,000
11 Krause 6200-42 spring shks, 7" spacing, 3-bar inella roller. ....	\$ 60,000
Glencoe SS7200 soil saver 7 shank disc chisel. ....	\$ 8,000
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15 Bush Hog 2185 1000 RPM, 8 airplane tires, chains. ....	\$ 9,500
15 Bush Hog 12815, 8 laminated tires, 1000 RPM. ....	\$15,000
14 Bush Hog 12815, 8 airplane tires, 1000 RPM. ....	\$17,000
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19 J&M 1112-20 wiltarp, scales, LT tracks. ....	\$85,000
08 J&M 1150-22 wiltarp and 1250/50R32 Tires. ....	\$38,000
07 J&M 1326-22 wiltarp, scales, J&M track system. ....	\$68,000
08 J&M 1150-20 wiltarp and 1250/50R32 tires. ....	\$38,000
13 J&M 875-18 wiltarp, scales, and 1000/50R25 tires. ....	\$29,000
06 J&M 24 ton running gear no tires and rims. ....	\$ 5,500
09 J&M 750-16, 1000/50R25 floater tires. ....	\$ 19,000
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# Researchers, producers suggest giving ‘ugly food’ a chance

By Doug Graves  
Ohio Correspondent

COLUMBUS, Ohio – Fruits and vegetables in most grocery stores appear are perfectly shaped and grown to perfection. Hard to find a blemish on them. But what about those products that appear deformed, even unsightly?

Sad to say, much of these fruits and veggies find their way into the nearest dumpster at these stores or are fed to hogs, never making their way to the grocery.

A recent study at The Ohio State University suggests that about 41 percent of harvested food is edible but unmarketable because of its appearance. Now, those researchers are assessing ways to “win” with ugly foods in the marketplace by testing consumer acceptance of imperfect foods that don’t come with a built-in discount, a tactic used by some retailers that hasn’t had much staying power.

“Any time you codify that cosmetically imperfect produce is somehow lesser, you’re stuck selling it for less and therefore you undermine the entire value chain,” said senior study author Brian Roe, professor in OSU’s Department of Agricultural, Environmental and Development Economics.

“We see that once you promote it as being more natural and as reducing wasted food, the discount is less than it otherwise would be. There is also a cluster of folks who are actually willing to pay as much or more because they value reducing food waste and they value the fact that it’s got just as much nutrition as standard produce.”

According to Roe, explaining the value of misshapen vegetables, proving they are as healthful as their picture-perfect counterparts, could help improve sales of ugly produce and help reduce food waste as the same time.

“In our research we surveyed 1,300 U.S. residents who shopped and cooked for their households,” Roe added.

Participants in the online survey were randomly assigned to receive one or a combination of two marketing messages: ugly carrots’ nutritional quality equals that of blemish-free produce, and there are social costs



**Above:** Not exactly the types of fruits or vegetables you’d find at a major grocery stores, but wholesome nonetheless. Researchers say growers should capitalize on ‘ugly’ foods rather than throwing them away. (photo submitted)

linked to throwing away food with cosmetic flaws.

The study measured consumers’ responses to hypothetical shopping scenarios for carrots. Participants were most open to buying bunches containing imperfect carrots after being presented with both of those marketing messages promoting ugly carrots’ personal and societal benefits. Either message alone was not effective at convincing consumers to buy misfit carrots.

Findings also showed that respondents were willing to pay, with a small discount, for some level of mixed bunches containing both ugly and standard carrots. Researchers see this as a sign that mixed package of the two could be profitable.

Participants also selected from images of their preferred two-pound carrot bunches and price points, with six bunches (either with or without the greenery attached) containing from zero to 100 percent ugly carrots and prices ranging from \$2.18 to \$1.39 per pound.

In another choice test, consumers could select from just two options, a bunch of all standard carrots or all imperfect carrots with or without green leaves attached, in a



**Above:** While consumers are less likely to purchase carrots with deformities than the normal long, slender carrots these examples are still good to eat. (photo submitted)

hypothetical purchase form either a farmers market or a conventional grocery store.

But a top contender in terms of profitability for farmers did emerge from the analysis of participant responses: bunches containing 40 percent ugly carrots and 60 percent standard carrots with green leaves attached sold at farmers markets where consumers are exposed to the combined marketing messages.

“If you’re at a farmers market, you’re thinking more holistically, you’re not thinking about cosmetic perfection. You expect things to be more ‘real,’” Roe said. “So, I think then people realize this is what we might expect if we’re getting produce directly from a farmer. There’s more room for imperfection because it’s probably not interpreted

as imperfection. It’s interpreted as naturalness.”

In the end, the research team analyzed the tipping point in consumer willingness to pay that could make harvesting ugly carrots profitable, an important calculation for farmers who need a positive return on their investment into planting, picking and shipping their crops.

“The USDA has a say in the percentage of non-standard produce that can be sent to market and that limit may need to be revisited,” Roe said. “We hope these findings will change the viewpoint of the industry. There hasn’t been a lot of rethinking of standards in light of food waste, so that would be one policy lever that could be re-examined to deal with food waste in the modern era.”

## Illinois agriculture needs survey

URBANA, Ill. – Farming is changing. It’s hard for everyone, small farmers and commercial producers alike, to keep up with the latest research, changing climates, emerging pesticide resistance, and new crop varieties all while trying to stay healthy and productive.

For more than 100 years, University of Illinois Extension has worked with agricultural communities to empower them to meet challenges with confidence. Now, you can be part of the future of farming in Illinois by taking a few minutes to share your thoughts with Extension researchers online at [go.illinois.edu/AgNeeds](http://go.illinois.edu/AgNeeds).

“This survey will help us get an accurate picture of what our agriculture stakeholders’ needs are,” says Katie Bell, Illinois Extension local foods small farms educator.

Extension agriculture educators

regularly ask those working in the agricultural industry about their concerns and use the feedback to develop trainings for the public on emerging topics and develop research projects that address gaps in current understanding of crop sciences.

“Knowing what our farm communities are thinking about helps us prioritize what research projects our scientists can focus their efforts on so we can then share accurate information that our stakeholders can trust,” Bell said.

The survey is anonymous and open to all Illinois producers and agriculture industry professionals now through March 2022. It will take 10 to 20 minutes to complete.

For more information about the survey, contact Bell at 618-687-1727 or [klbell@illinois.edu](mailto:klbell@illinois.edu).

## Company now profiting from sale of ‘ugly’ food

According to the most recent statistics from the U.S. Food and Drug Administration, food loss and waste is said to be about 30-40 percent of the nation’s food supply.

With this in mind, Abhi Ramesh, of Pennsauken Township, N.J., launched Misfits Market in 2018.

With the tagline, “Always fresh, sometimes normal,” Misfits Market is an online grocery delivery service that sells “ugly” organic produce for a huge discount.

“Wasted food is the single largest category of material thrown in landfills,” said Ramesh, 29. “The reason that it’s considered ugly or imperfect is that it might have a few bruises, blemishes, gnarls, scratches or scarring that make it a little less appealing for shoppers who want perfect-looking fruits and vegetables.”

In 2020, Misfits Market shipped 77 million pounds of food to more than 400,000 households across the country. Since the company started, Misfits Market has expanded to more than 1,000 employees.

“After visiting a farm several years ago I realized that the farmer would throw away certain fruits and vegetables,” Ramesh said. “He called it misfit produce and said he wasn’t able to sell it to grocery stores or even farmers markets. These so-called imperfections are naturally occurring and have nothing to do with the quality of the food.

“With the growing popularity of the on-demand lifestyle, more and more of us are relying on getting whatever we want the moment we want it. It’s also clear that we have transitioned into a digitally driven culture that loves the convenience of front-door delivery.”

According to Ramesh, his fruits and veggies are offered at prices that are up to 40 percent cheaper than what one would pay at a grocery store. “The mission of my startup has been to combat food waste and offer affordable access to nutritious food for people across the United States,” he said.


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**Above:** Livestock producers should make sure animals have adequate shelter, water, dry bedding and feed to make it through cold periods. Photo by Aimee Nielson, UK Agricultural Communications Specialist

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## Tips

FROM PAGE 17

purchase the most affordable calories. Stay warm and keep the waters flowing.”

The hair coat acts like home attic insulation – trapping air and enhancing the insulating value. Wet, muddy hair reduces insulating value and increases heat loss. As little as 0.1 inch of rain can immediately impact cold stress severity by matting the hair down reducing its insulating ability. Acclimation time, hide thickness, fat cover and other factors will also influence the degree of cold stress that animals experience.

The lower critical temperature value for cattle is the lowest temperature

or wind chill at which no additional energy is required to maintain core body temperature.

“As the temperature declines below this lower critical value, the maintenance energy value for the animal is increased to maintain core body temperature,” he said. “Animals maintain core body temperature by increasing their metabolism, resulting in greater heat production, as well as other heat conservation strategies, such as reducing blood flow to the extremities, shivering and increased intake.”

Lehmkuhler said both external and internal insulation influences the lower critical temperature.

External insulation is the depth and thickness of the hair coat, condition of the hair coat and thickness of the hide. Thin-hided breeds such as some dairy cattle tend to have a lower insulating factor than thick-hided breeds like Herefords. The condition of the hair coat is extremely important as an external insulation barrier.

Dairy producers should make sure cows’ teats are dry before turning animals out when temperatures fall below 25 degrees Fahrenheit.

“If you turn out an animal with a wet udder or teats, frostbite is almost a certainty,” said Michelle Arnold, UK extension veterinarian. “Treat signs of frostbite immediately, since damage to the teat ends can quickly lead to damage of the keratin seal and that can allow mastitis-causing bacteria to enter the udder.”

The key is to give animals a draft-free place to get out of the wind during extreme wind chill conditions. “The challenge is to make that space available and still provide enough ventilation to allow fresh air to circulate,” she said.

Dry bedding is also very important. If cows, goats or sheep lie in wet bedding, frostbite is a big risk. Producers also need to make sure the animals’ hair coats are kept dry and as clean as possible.

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**2013 INTL 4400**, INTL MF9, 315HP, 10SPD, SPRING SUSP, P/S, A/C, 292WB, 24' FLATBED DUMP, 11X22.5, 203,050 MILES . . . . . **\$43,500**



**(2) 2013 FREIGHTLINER M2**, CUMMINS ISC, 300HP, ALLISON 3000RDS TRANS, SPRING SUSP, P/S, A/C, 24' FLATBED/DUMP, 11X22.5, 176,351 & 203,714 MILES . . . . . **\$49,500 EA**



**2013 FRT M2**, 112 CUM ISL, 370HP, 8SPDLL TRANS, TUFTRAC SUSP, 20,000 FRT AXLE, P/S, A/C, 274WB, LIFT AXLE, 24' CURTAIN SIDE BODY, 315X22.5, FRT RUBBER, 11X22.5, 210,714 MILES . . . . . **\$67,500**



**2012 FRT M2**, 112 DET DD13, 350HP, 13SPD, TRANS 46,000, AIR RIDE SUSP, 14,700 FRONT AXLE, P/S, A/C, LIFT AXLE, 28' VANBODY WITH 5 ROLLUP DOORS, 11X22.5, 578,928 MILES . . . . . **\$56,500**



**2016 FRT M2**, CREW CAB, CUM ISB, 280HP ALLISON, 2500RDS, TRANS AIR RIDE SUSP, P/S, A/C, 290WB, 24' VANBODY LIFTGATE, 11X22.5, 141,000 MILES . . . . . **\$84,500**



**2014 ISUZU NQR**, CREW CAB, ISUZU 5.2L, 215HP, AUTOMATIC TRANS, SPRING SUSP, P/S, A/C, 16' FLATBED, 131,526 MILES . . . . . **\$42,500**



**(2) 2015 FORD F650**, V10 GAS, 362HP, AUTOMATIC TRANS, SPRING SUSP, P/S, A/C, 212WB, 11X22.5, 112,020 & 145,125 MILES . . . . . **\$49,500 EA**



**2018 FRT CASCADIA**, DET DD13, 410HP, DT12, TRANS AIR RIDE SUSP, P/S, A/C, JAKE 161WB, 11X22.5 ALUM BUDDS, 408,948 MILES . . **\$73,500**



**2016 FRT CASCADIA**, DET DD15, 455HP, ULTRA-SHIFT TRANS, AIR RIDE SUSP, P/S, A/C, JAKE 178WB, 11X22.5 ALUM BUDDS, 591,224 MILES . . . . . **\$59,500**



**2011 INTL 4400** INTL MF9, 310HP, ALLISON 3000HS TRANS, AIR RIDE SUSP, P/S, A/C, 158WB, 11X22.5, 130,159 MILES, SHARP TRUCK. **\$29,500**



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**(2) 2016 FRT CASCADIA**, DET D13, 410HP, 10SPD AIR RIDE SUSP, P/S, A/C, JAKE 184WB, 11X22.5 FRONT ALUM BUDDS, 413,250 & 483,313 MILES . . . . . **\$65,500 EA**



**2015 FRT CASCADIA** DET DD13, 410HP, 10SPD, AIR RIDE SUSP, P/S, A/C, WET KIT 178WB, 11X22.5 ALUM BUDDS FRT, 308,120 MILES. . . . . **\$62,500**



**(3) 2015 INTL PROSTAR**, CUM ISX, 400HP, 10SPD TRANS, AIR RIDE SUSP, P/S, A/C, 175WB, 11X22.5, MILEAGE 287,025 408,880 429,125, FROM MAJOR LEASING CO. . . . . **STARTING AT \$59,500 AND UP**



### Dredging lower Mississippi will lower costs for soybeans

By DOUG SCHMITZ  
Iowa Correspondent

ANKENY, Iowa – According to research conducted by the Soy Transportation Coalition, shipping costs for soybeans from Mississippi Gulf export terminals would decline 13 cents per bushel if the lower Mississippi River is dredged (or deepened) from 45 to 50 feet.

“We are seeing results from this important work,” said Mike Steenhoek, executive director of the Soy Transportation Coalition in Ankeny, Iowa. “Due to the dredging work thus far, the Crescent River Port Pilots Assoc. (in Metairie, La.), Dec. 20, increased their maximum draft recommendation to 48 feet.”

He said the Associated Branch Pilots (or the Bar Pilots) of the Port of New Orleans, also in Metairie, La. raised their maximum draft recommendation to 49 feet, Dec. 17.

As a result, the allowable depth for over 150 miles of the lower Mississippi River is now set to 48 feet, Steenhoek said.

“It was always anticipated the draft increases would be incremental to the eventual 50 feet of depth,” he said. “It is great news to see the progress thus far.” Ultimately, he said, the project calls for a 50-foot channel all the way to Baton Rouge, La. (River Mile 232).

“We therefore have another 82 miles of deepening until the project is fully completed,” he said. “This remaining work will likely take 2 to

3 more years due to the increased complexity of the river at that section, including submerged pipelines under the river.”

He said the 256-mile stretch of the Mississippi River from Baton Rouge, La., to the Gulf of Mexico accounts for 60 percent of U.S. soybean exports, along with 59 percent of corn exports – by far the leading export region for both commodities.

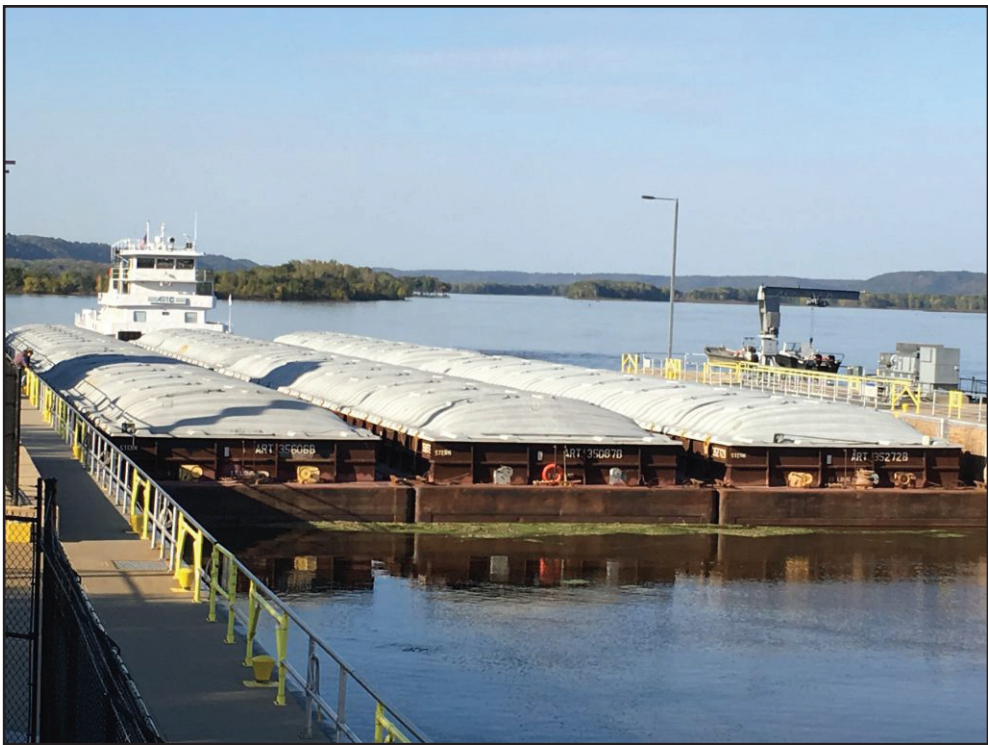
“Soybean farmers and a large number of Mississippi River stakeholders have promoted the dredging of the lower river shipping channel from 45 feet to 50 feet in depth,” Steenhoek said.

The U.S. Army Corps of Engineers said ships, with their increased size, need improved navigation channels to enter and leave ports efficiently, quickly, and safely.

However, few rivers or harbors are naturally deep. Therefore, they require underwater excavation or ‘dredging,’ which is primarily performed by the U.S. Army Corps of Engineers.

After the initial excavation establishes a channel, periodic or ‘maintenance’ dredging must be done to keep that channel clear and safe for navigation, the U.S. Army Corps of Engineers said.

In July 2019, the United Soybean Board announced a \$2 million allocation to help offset the planning, design and research costs of deepening the lower Mississippi River from 45 feet to 50 feet.



**Above:** According to research conducted by the Soy Transportation Coalition, shipping costs for soybeans from Mississippi Gulf export terminals would decline 13 cents per bushel if the lower Mississippi River is dredged (or deepened) from 45 to 50 feet (photo courtesy of the Soy Transportation Coalition).

In February 2020, the U.S. Army Corps of Engineers approved the deepening project to proceed. A July 31, 2020, signing ceremony officially kicked off the project, with the dredging work starting Sept. 11, 2020.

Steenhoek said a number of state officials and members of Congress have also advocated for the dredging

project to receive approval, with the State of Louisiana as the main non-federal partner in the project.

“More work is required for the project to be fully completed, but we can certainly claim that the #1 port region for U.S. soybeans and corn is now better positioned to

(Shipping continued on page 3B)

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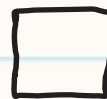
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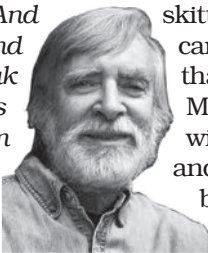
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# Full moon makes for good hunting and fishing

*Then blow, Winds, blow! And rave and shriek, And snarl and snow Till your breath grows weak – While here in my room I'm as snugly shut As a glad little worm In the heart of a nut! – James Whitcomb Riley*



POOR WILL'S ALMANACK  
By Bill Felker

### The Moon and the Stars in the Third Week of Deep Winter

The Tufted Titmouse Moon waxes throughout the period, reaching apogee, its position farthest from Earth, on Jan. 14 at 4 a.m. and then becoming full on Jan. 17 at 6:48 p.m. Rising in the afternoon and setting after midnight, this moon passes overhead in the evening, making that time the most promising time for hunting or fishing, especially as the cold front that precedes full moon approaches.

The brightest star in the south at bedtime is Sirius in Canis Major, right behind Orion and low along the horizon. The other “canis,” or dog of Orion is Canis Minor, and its largest star, Procyon, is located just to the left of Orion, right below the twin stars of Castor and Pollux. Merak and Dubhe, the pointers of the Big Dipper which indicate the North Star, are positioned exactly east-west at 9:30 p.m. on the 15th, designating the exact center of winter. When they point north-south, it will be the middle of April.

### Weather Trends

The low-pressure system that precedes the Jan. 15 high-pressure system sometimes brings a mild afternoon in the 50s on the 11th through the 13th. After the front comes through look for sun (there is a 60 percent chance for that). The cloudiest day of the week is usually the 14th, with only a 35 percent chance for clearing. Full moon on the 17th is likely to bring a snow storm to the North, tornadoes or heavy rains to the Southeast.

### Zeitgebers (Events in Nature that Tell the Time of Year)

Under the cold veneer of deep winter, the natural year quickens. Nighttime excursions of skunks, an increase in opossum activity, the frolicking mating of foxes, the prophetic calls of overwintering robins, the occasional passage of bluebirds, the mating of owls and the disappearance of autumn seeds all offer counterpoint to the subdued winter silence and chill.

### In the Field and Garden

Get ready to work outside when the January Thaw, which should come within a week after full moon. At that time, temperatures are likely to rise above 40 throughout much of the area, perfect for spraying trees for scales and mites. But don't spray if a freeze is expected within 24 hours.

Pruning can be done throughout the remainder of the month after full moon and into the first two weeks of February. Houseplants can be repotted too, and light fertilizing begun.

Since this is historically the coldest week of the year, keep energy feed on hand to tide your animals and children over until the thaw.

Throughout the nation, florists and grocery stores introduce flowering daffodils and tulips, either potted or as cut flowers. Plan for next year to market the flowers you have prepared, as well.

### Mind and Body

Full moon on the 17th will have an especially strong effect on mammals (you). Expect emergency rooms and police stations to be busier than average. Be especially careful of drunk drivers. If you go to a basketball game over the weekend, expect the fans to be rowdier than they usually are.

Animals (like people) tend to be more

skittish as the moon waxes full. Be careful of mares, ewes and does that are coming due in February or March; full moon can be associated with stress and abortions. Aches and pains are likely to increase as the barometer drops. Expect all this as the Jan. 15 and 20 cold fronts approach.

The S.A.D. Index, which measures the forces that contribute to seasonal affective disorders on a scale of 1 to 100, remains in the 70s until it surges to a disruptive 96 when the moon becomes full.

### Almanack Classics

#### Hot Wire

By Bob Christiansen

I was about 13. I had box-trapped enough cotton-tail rabbits for 30 cents apiece to buy me a small Bakelite AM radio from the Sears-Roebuck catalog to listen to the Kansas City Blues (Yankees farm club) baseball games at night in my bedroom in the old farmhouse.

The radio had a short wire about six inches long as an antenna. I figured out that if I had more antenna, I could reach more distant stations.

My mother had an extensive wire clothesline that ran all around the yard from tree to tree. While iron, it was a big #9 iron wire. I rigged a connecting wire out under my window and to the clothesline.

Wow! I could reach Del Rio, Texas, and listen to country music when they kicked up the power late at night as their towers were across the Rio Grande and out of the FCC's jurisdiction. Life was great!

Until next washday. Boy, did I catch it! That little radio's antenna somehow had hot 110-volts on it, which fed onto the clothesline as Mom hung her wet wash on it. End of expanded antenna and Del Rio, Texas, after-hours.

The 2022 Poor Will's Almanack is still available. Order from [www.amazon.com](http://www.amazon.com) or visit [www.poorwillsalmanack.com](http://www.poorwillsalmanack.com) to look at a sample of this year's features and to order an autographed copy of your book. You can order with PayPal or by sending a \$22 check for each autographed copy (includes handling and media mail) to Poor Will at the address below.

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stories used in this almanack. Send yours to Poor Will's Almanack at P.O. Box 431, Yellow Springs, Ohio 45387 or to [wlfelker@gmail.com](mailto:wlfelker@gmail.com).

### ANSWERS TO LAST WEEK'S SCKRAMBLER

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

BROWN	BRNOW
CLOWN	NOCLW
DOWN	WOND

HOUND	DONHU
SOUND	DOSUN
AROUND	NOUDAR
SURROUND	SOUURRND
ABOUND	BUNAOB
AGROUND	GRANOUD
FOREGROUND	DNUORGEROF

### THIS WEEK'S RHYMING SCKRAMBLER

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A recent survey concluded the number 1 reason farmers did not use attorneys was because they felt the attorney would not understand their operation. If you want an attorney that understands farming, some questions you can ask are:

	John Schwarz	Other Attorneys
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A member of the National Ag Law Association?	Yes	?
Trained through the International Farm Transition Network?	Yes	?
Experience with USDA Wetland Matters and USDA Programs?	Yes	?
Does the attorney focus on farm and Ag law?	Yes	?
Trial Experience with Farm/Ag cases?	Yes	?

*It makes sense to use an attorney that is a farmer, knows farming, and will understand your operation.*





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**PHYSICAL ADDRESS: 1377 S CR 1400 E, GREENTOWN, INDIANA**

**EQUIPMENT INSPECTION: MON., JAN. 24<sup>TH</sup> 10 A.M. - 4 P.M. OR CONTACT KEVIN (765) 860-3008**  
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**HIGHLIGHTS:** 2019 John Deere 9520RT track tractor, 163 hours; 2013 John Deere 8335RT track tractor, 2,052; 2013 John Deere 8335RT track tractor, 2,825 hours; 2018 John Deere 6130R MFW tractor, 747 hours; 1972 John Deere 4320 2wd tractor, 6,053 hours; 2009 John Deere 2320 MFW compact tractor, sells complete w/JD 200 CX loader, 54" material bucket, 347 hours; John Deere 148 loader, 84" material bucket; 2021 John Deere S780 4wd combine, 345 eng./257 sep. hours; 1999 Cat D6M XL dozer, 7,147 hours; 1998 John Deere 310SE MFW backhoe, 5,369 hours; 2010 John Deere 1770NT 24 row 30" CCS planter; 2009 John Deere HX15 15' batwing mower; 2014 John Deere 2210 48' field cultivator; 2017 J&M TF55 51' double rolling basket; Batco Swift Current belt conveyor; Batco 2055 belt conveyor; 2013 Volvo day cab semi, 81,967 miles; 2015 Timppte 40' hopper bottom trailer; 1988 Fruehauf 6,800 gal. tanker trailer; Great Dane 53' van trailer; 2011 Ford F-350 4wd pickup, 50,220 miles; 2014 John Deere GS3 2630 display; (2) 2010 John Deere G52 2600 displays; 2014 John Deere StarFire 3000 receiver; (2) John Deere StarFire iTC receivers; Grasshopper 930D zero-turn front mount mower, 744 hours; 2016 John Deere X734 4-wheel steer lawn mower, 180 hours; Billy Goat MV yard vacuum

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**ITEMS ARE LOCATED AT THE FARM NEAR MARION, INDIANA**

**PHYSICAL ADDRESS:**  
**1875 S. 500 W.**  
**MARION, IN 46953**

(MARION IS LOCATED APPROXIMATELY 40 MILES SOUTHWEST OF FORT WAYNE)

**TRACTORS**

- Case-IH 275 Magnum MFW tractor, PS trans., 4 hyd. outlets, 1000 PTO, 18.4R46 rear tires w/duals, 380/85R34 front tires w/duals, Firestone tires, front fenders, front & rear weights, 3,232 hours, SN Z6RZ05415
- International 5288 2wd tractor, 540/1000 PTO, 18.4-42 rear tires w duals, 14L-16.1 front tires, front weights, 7,618 hours, SN 2580002U003624

**COMBINE & HEADS**

- Case-IH 2388 2wd combine, rock trap, specialty rotor, chopper, spreaders, bin extension, 73x44.00-32 drive tires, 18.4-24 steer tires, 3,079 eng./2,043 hours, SN JJC0270147 - two seasons on new rasp bars
- Case-IH 1020 30' grain platform, SN CBJ029027
- Case-IH 1083 8 row 30" corn head, SN JJC0244831
- Unverferth HT30 30' head cart, SN A3634175

**PLANTER & SEED WAGON**

- Case-IH 1250 16 row 30" planter, Early Riser row units, ground drive, pneumatic down pressure, Martin row cleaners, SmartBox insecticide, 1000 PTO pump, liquid fertilizer w/500 gal. liquid tank & hyd. drive pump, markers, 2-pt. hitch, SN Y9S007685
- Killbros 390 gravity wagon, dual compartment, roll tarp, Killbros 1386 running gear, Killbros 114 seed auger w/poly brush flighting, Honda GX270 eng. w/ electric start, 11R22.5 tires

**TILLAGE EQUIPMENT**

- Case-IH Tigermate II 27' field cultivator, Remlinger 5-bar spike-tooth harrow, rear hitch, 7" sweeps, walking tandem tires, gauge wheels, SN JFH0015120
- International 490 28' disk, 7.5" spacing, 19" front blades, 19.5" rear blades, rear hitch, tandem tires, SN 0470000U020760
- Clark 11 knife 3-pt. NH3 applicator, hyd. fold, no-till coulters, gauge wheels
- Glencoe 7400 9 shank disk chisel, Remlinger 5 bar HD spike tooth harrow, spring loaded shanks, hyd. adj. disc gang, SN F551B-3244
- Unverferth 220 31' double rolling basket
- International 720 6-bottom semi-mount plow, gauge wheels, SN 1050000U031321
- International 720 5-bottom semi-mount plow, auto reset, gauge wheels, SN 1050000U015912 - sold for parts
- International 7 bottom on-land plow, auto reset, gauge wheels, SN 1050000U001902
- International 15' 3-pt. rotary hoe
- Unverferth 4 shank s-tine leveler
- Unverferth mounted rolling baskets w/single bar leveler

**GRAIN HANDLING EQUIPMENT**

- Killbros 350 gravity wagon, Killbros 1072 running gear, 20" extensions, ext. hitch, 12.5-15 tires
- Killbros 350 gravity wagon, Killbros 1072 running gear, 20" extensions, ext. hitch, 12.5-15 tires
- Hutchinson 8"x26' truck auger, electric drive
- Hutchinson 8" truck auger

**TRUCKS & TRAILERS**

- 2003 International 9400i semi, Cummins ISX435ST eng., Eaton 10 spd. trans., 230" wheelbase, 22.5" tires, 854,169 miles, VIN 3HSCNAPR74N086968
- 1992 Freightliner day cab semi, Cummins L10 eng., Eaton 9 spd. trans., 11R24.5 tires, aluminum wheels, 641,335 miles, VIN 1FUJDLY86PH470083
- 1999 Chevy 2500 4wd truck, white, reg cab, long bed, 5.7L Vortec engine, electric brake controller, manual window & door lock, 201,414 miles, SN 1GCGK24R4XF046371
- 1993 Timppte 40' hopper bottom trailer, 66" sides, power tarp, spring ride, 11R24.5 tires, aluminum wheels, VIN H40025P3084100
- 1983 Chamberlin 36' hopper bottom trailer, 60" sides, power tarp, spring ride, 11R22.5 tires, VIN 1C1PABPE4D22X9345

**FARM EQUIPMENT**

- Rhino 3150 15' batwing mower, (6) laminated tires, front and rear chains, 540 PTO, SN 40132
- Case-IH 2355 loader, 7' material bucket, mount for IH tractor
- International 540 manure spreader, single beater, 540 PTO, 9.00-20 tires, SN 1190846C006333
- 5'x14' hayrack w/hoist

**FARM SUPPORT ITEMS**

- Brock 3,200 bu. bulk bin, 7 ring, 15" diameter, Brock fan
- Farms Fan inc. CF/AB 320 grain dryer, 1 ph., batch or continuous flow
- Chwartz front end off of IH 706
- International 560 wide front end

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## Shipping

FROM PAGE 1B

accommodate the soybeans and corn that farmers produce and are in high demand throughout the world," he said.

He said the overall project is estimated to cost \$245 million, and is occurring in three phases.

He said a deeper river will allow both larger ships and current ships to be utilized, and to be loaded with more revenue-producing freight.

"Average vessel loads will increase from 2.4 million bushels of soybeans, to 2.9 million bushels – an increase of 500,000 bushels, or a 21 percent increase," he said.

He said the coalition's research also identified the impact on an interior basis – the difference between the local price a farmer receives and the market value established by the Chicago Board of Trade – for soybeans in the 31 connecting states if the lower Mississippi River shipping channel is dredged.

"It is well established that farmers located in closer proximity to the nation's inland waterways and barge transportation enjoy a positive or less negative basis, versus soybeans grown in areas further removed," he said.

"As a rule, the less-costly and more efficient the supply chain is – subsequent to farmers delivering their soybeans – the higher value a farmer will receive for the bushels of soybeans produced," he added.

Moreover, the research estimated farmers in the 31 evaluated states will annually receive an additional \$461 million for their soybeans due to dredging the lower Mississippi River to 50 feet, Steenhoek said.

"While those states located in close proximity to the inland waterway system will realize the most benefit, states further removed will also benefit from the increased modal competition (which is competition taking place over cost, time, reliability and niche markets) between rail and barge," he said. "When modal competition increases, a downward pressure on shipping rates will often occur.

"With barge transportation becoming more viable for a larger percentage of the soybean-producing areas of the country, there will be a greater degree of overlap between areas served by railroads and barge," he said. "Soybean shippers will benefit from this modal competition."

As far as the environmental impact of dredging, he said, "One of the virtues of the deepening project is it is increasing wetlands along the lower Mississippi River."

"The sediment that is being dredged is being deposited to fortify some of the shoreline in southern Louisiana that has eroded over the years," he said. "Wildlife habitat is being restored. The shoreline is becoming more resilient."



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The Jensen Estate property is located in Sections 16, 27 & 28, Swan Lake Township & Section 24, Jack Creek Township, Emmet County, IA & Section 12, Swea Township, Kossuth County, IA. Tracts 1, 2, 3 & 8 are generally located 7 miles west of Armstrong, IA. Tracts 4-6 are located 1 mile west of Ringsted, IA. Tract 7 is located 7 miles east of Armstrong, IA. (Armstrong, IA is 18 miles east of Estherville, IA or 80 miles northwest of Mason City, IA)

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The collage shows several covers of FarmWorld magazine. One cover features the headline "USDA reports corn and soybean production" with a photo of a combine. Another cover shows "Ag in the Classroom helps kids learn about farming" with a photo of a teacher and students. A third cover has "Big Farm to Food Battle" with a photo of a farm. A fourth cover has "2020 STRATEGIES FOR SUCCESS" with a photo of a farmer.



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# Judicial ruling determines gruyere to be a generic style of cheese

The Agriculture Department announced the December Federal order Class III milk price at \$18.36 per hundredweight, up 33 cents from November, \$2.64 above December 2020, and the highest Class III since May. That put the year's average at \$17.08, down from \$18.16 in 2020, and compares to \$16.96 in 2019. Late Friday morning Class III futures portended a January price at \$20.29; February, \$21.61, and March at \$21.18 per cwt.

The December Class IV price is \$19.88, up \$1.09 from November, \$6.52 above a year ago, and the highest Class IV price since October 2014. The 2021 Class IV average is \$16.09, up from \$13.49 in 2020, and compares to \$16.30 in 2019.

Meanwhile, cash cheese and butter started 2022 skyrocketing and saw some expanded trading limits, but then reversed gears as traders absorbed the November Dairy Products report.

Dairy Market News says cheese demand requests have already met contacts' recent expectations, as customers return to the fold. Midwestern cheesemakers say orders are strengthening but production rates vary from plant to plant as employee numbers range from adequate to short. Spot milk was still priced at holiday level accessibility, and similar to previous week discounts, although a number of contacts expect those discounts to dissipate after this week.

After gaining 36 cents the previous two weeks, CME butter soared to the highest price it has seen since Dec. 9, 2015, closing Friday at \$2.7425 per pound, up 29 cents on the week and \$1.3625 above a year ago. 26 cars sold on the week. The highest CME price ever was \$3.1350 per pound set on Sept. 25, 2015.

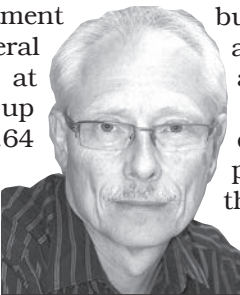
Butter churners tell DMN that cream availability has slimmed down and quickly. Multiples have climbed roughly 10 points week to week in some cases, and haulers are tight as well. Butter churning is expected to slow if this trend continues, which is likely while cream cheese producers and other cream end users play catchup and siphon cream from the pool. Bulk

butter is very tight, says DMN, and domestic butterfat values are increasing rapidly.

Grade A nonfat dry milk closed Friday at \$1.71 per pound, up 5.50 cents on the week and 52 cents above a year ago, with 21 sales reported. CME dry whey closed Friday at 75.75 cents per pound, another new record high, up 0.75 cents on the week and 25.75 cents above a year ago, on

In other trade news; U.S. dairy exports saw large gains in November. Cheese totaled 73.9 million pounds, up 39.9% from November 2020, strongest November on record, according to HighGround Dairy, driven by cheese moving to a variety of countries, but

(Mielke continued on page 10B)



MIELKE MARKET WEEKLY  
By Lee Mielke

1 sale. Speaking in the Jan. 10 Dairy Radio Now broadcast, HighGround Dairy's Lucas Fuess said concern remains among traders regarding weaker milk production here in the U.S. and key areas around the world. He added that, when we see the strength in Class IV products like nonfat dry milk, it lends support to cheese as well. Hopefully, with Class IV prices being as strong as they are, the higher Class III milk prices will find their way to dairy farmer pocketbooks.

The first Global Dairy Trade auction of 2022 inched higher with the weighted average rising 0.3%, after slipping 1.5% on Dec. 21, first decline since August 3. Traders brought 67.6 million pounds of product to market, up from 67 million pounds in the last event.

Cheddar did the heavy lifting, jumping 4.9%, after inching 0.5% higher on Dec. 21, biggest gain since Nov. 2. Buttermilk powder and skim milk powder were both up 1.0%, after skim milk powder inched 0.6% higher last time. Whole milk powder was unchanged, after dropping 3.3%. Butter was up 0.3%, after a 1% gain last time, while anhydrous milkfat was off 0.7% following a gain of 0.9%.

StoneX Dairy Group says the GDT 80% butterfat butter price equates to \$2.5969 per pound U.S., up just under a penny, and compares to CME butter which closed Friday at \$2.7425. GDT Cheddar, at \$2.4891 per pound, was up 11.2 cents and compares to Friday's CME block Cheddar at \$1.9950. GDT skim milk powder averaged \$1.7114 per pound, up from \$1.6986. Whole milk powder averaged \$1.7536 per pound, down from \$1.7540. CME

Grade A nonfat dry milk closed Friday at \$1.71 per pound. StoneX's Dustin Winston reported that "North Asia (which includes China) buyers continue to seem hesitant, market share increased just slightly from the last event, but dropped a fair amount from last year."

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<b>'19 John Deere 9420R, 2073 hrs., Stk #01003259, \$263,500 (AT)</b>	<b>Jonesville, MI (JO)</b> (517) 849-9966	<b>'12 John Deere 8310RT, 3279 hrs., Stk #01303225, \$172,500 (PL)</b>
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# How to fix traditional method of farm succession planning

Part I – Reasons plans do not get established.

(Authors' note: This will be a multi-part series discussing why the current method of farm estate and succession planning is not working. In this first part, we discuss the current state of farm succession and estate planning and compare to where it was 10 years ago)

After several years of the farm economy in the doldrums, the past two years have seen a reassurance leading to record land and machinery prices, as well as just about everything else. Prior to this, many farms were not even sure they would survive long enough to need a succession plan.

Now, we've returned to where we were around 2009, 2010 and 2011, when the size of farm estates grew greatly and made it very difficult, if not impossible, for farming heirs to buy out non-farming heirs due to the large capital outlay. With land and machinery at all-times highs, the difficulty is even now more profound.

The problem is compounded in that farm succession planning and estate planning is an area where the farming industry has done the same thing over and over, which is "not much." If you want the next generation to farm, you better have a solid plan, or the next generation ends up in the NFL (Not Farming Long). However, it appears that the farming industry is still entrenched in a "do nothing" mentality that one can only surmise prohibits scores of young farmers from being able to farm in the future.

Allow us to explain in more detail the "do nothing" mentality that permeates through the industry. Recently we traveled to Iowa to receive training by way of the International Farm Transition Network (IFTN). Every so often the IFTN offers training to become a certified farm transition specialist. John had taken the training about 10 years ago when we were in a large upswing with the farm economy, and transitioning farms in light of the ballooning size of farm estates was on a lot of people's minds.

At the training 10 years ago, there were some very alarming statistics that were given based upon recent farmer surveys. For example, it was said that 75 percent of all farms in this country did not have a plan with a successor identified. Also, the survey showed nearly half of farmers had no retirement plan. More so, about 40 percent of farmers relied on a family member for retirement advice (great if you have a financial advisor in the family, not so great if you do not), and about half of farmers intended to farm past 70 years of age. Also, around 85 percent of farms were not organized as any legal entity like a corporation or LLC.

Fast forward to the training a few months ago, and it was stunning that data from updated surveys showed that 75 percent of farms still did not have a plan identifying a successor, half of farmers still have no retirement plan, the number of farmers relying on a family member for retirement advice was now more than 50 percent, and still 85 percent of all farms were not organized as a corporation, LLC or other type of legal entity. (Note: studies show 86 percent of all non-farm businesses are organized as a corporation, LLC, or other type of legal entity).

The fact that in 10 years the estate and succession planning needle has not moved was shocking. Actually, in some instances, it has gotten worse. But why? Why is it that farmers spend their entire lives pouring everything they have into their farming operations, yet skimp on establishing a succession plan? Why is it that a much higher percentage of non-farm family businesses do have succession plans? There are a lot of questions surrounding the current state

of farm succession planning, but not a lot of answers.

If we are going to move the needle, perhaps it is time to identify what are the root causes of these problems. Identifying the problems, discussing them, and then arriving at a solution could help immensely in getting farmers beyond the current "do nothing" morass the farming industry finds itself in. In the follow up articles, we will attempt to identify the top reasons we have seen over the past 16 years as to why farmers put off creating an estate and succession plan. We will also address why the method of taking the entire "pie," if you will, of the farm estate and basing inheritance off it no longer works. We will also attempt to take a deep dive into "fairness" and how it can be achieved. Lastly, we will look at some ideas to facility a successful farm succession plan.

In closing, the next 10 years are going to be pivotal as to farm succession planning just from the standpoint that the average age of the farmer is now 65. Just look at the number of farm retirement sales we are currently seeing if you don't believe this. Factor in that half of the land in this country is owned by someone over 70 years of age, three-quarters is owned by someone over 50 years of age, we are going to see a radically different landscape if

the farming industry does not start to act upon and implement succession planning.

John J. Schwarz, II, is a lifelong farmer and has been an agricultural law attorney for 16 years and is passionate in helping farm families establish succession plans. Natalie Booher is a long-time farm elder law and Medicaid

planning attorney helping farmers protect their farms from nursing homes and Medicaid. Both may be reached at 574-643-9999 and [www.thefarmlawyer.com](http://www.thefarmlawyer.com).

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# Turkey

FROM PAGE 5B

for a possible stay in a wildlife rehabilitation center.

Brock said euthanizing a turkey is also not out of the question depending on the extent of the threat posed to public safety. "There's a variety of options," he said.

Brock said it's not uncommon for a male turkey to show up at the same spot, even in the middle of a busy intersection, during the spring mating season.

He said male turkeys mark their territory and drive away other male turkeys from the area to reduce competition for mates.

Brock said vehicle attacks might

be from a turkey seeing what appears to be another male turkey in his own reflection in the metal or glass. Since it's not mating season, he wouldn't speculate on the reason for this turkey's behavior.

Whether the turkey is male or female is not known.

However, Brock pointed out a female turkey shouldn't have any chicks nearby to want to protect since their eggs hatch during the summer and, by now, they would be too large for the mother to feel they were threatened by passing vehicles.

"Sometimes wildlife will do different things at different times of the year for whatever reason. It could be sick. It could be stressed. It could be just a natural instinct kicking in," Brock said.

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## Sunbelt Ag Expo returned to excellent crowds after missing 2020 event

**By Martin Steiner**  
**Georgia Correspondent**

MOULTRIE, Ga. — After a Covid caused missed year, the Sunbelt Ag Expo again opened its gates to eager visitors this year.

This 43rd edition found thousands of farmers and their families taking a much needed break from their usual routine to see the latest in equipment, products and services. A field full of yellow school buses evidenced the field trip attendance by thousands of students from at least three states. Under what Chip Blalock, Executive Director, called "Chamber of Commerce weather", exhibitors and attendees alike were excited to be back.

Among the unique highlights are the Spotlight State, a revolving featured state among the ten focus states of the Expo. This year Virginia was featured.

Another feature of this show is the recognition of the ten southeastern state's Farmers of the Year (FOY). These individuals were to be honored in 2020 but were held over due to the cancellation of the 2020 Expo. They are identified as FOY's 2020-2021. The overall winner was South Carolina's Robert "Bob" Martin Hall.

Jay Yeargin, Tennessee's FOY, had already decided to farm before he even graduated high school. Upon graduation, utilizing a USDA Beginning Farmer loan, he bought his first farm of 60 acres. Today Yeargin operates a 2,700 acre multi-faceted agricultural business. Included are row crops, forage and calf production. His owned facilities include grain storage and trucks to provide marketing flexibility. Yeargin Farms also operates a variety of services to other farmers and local businesses.

**Below:** Chip Blalock, Executive Director of the Sunbelt Expo, presents the Tennessee Farmer of the Year, Jay Yeargin, with his trophy.



**Above Left:** Stephen J. Kelley, Kentucky's Farmer of the Year, is presented to the awards luncheon invitees. **Above Right:** Sunbelt Expo's Southeastern Farmers of the Year candidates are presented at the annual awards luncheon.

Kentucky's Stephen J. Kelley started farming even earlier working in burley tobacco while still in middle school. "My love of the land had been instilled early on and farming became my goal," he said. Eventually armed with both a bachelor's and master's degree in agriculture along with a vocational agricultural teaching certificate, Kelley personally farms half of the Kellev Farms' 2,500 acres.

Perhaps understated is the educational

role of the Expo. In addition to over 300 seminars and demonstrations is an almost invisible group of young college students pursuing a degree and career in agricultural communications. Nearby Abraham Baldwin Agricultural College (ABAC), part of Georgia's state university system, not only offers a degree in agricultural communications, but also requires an intern experience to graduate. ABAC and the Sunbelt Expo

have partnered to provide that required intern opportunity.

This year six interns researched, created and published press releases and the ninety-two page show guide. These interns worked with sponsors, exhibitors, demonstrators and the press to communicate the show's activities and value to attendees.

The 2022 Expo will be held Oct. 18-20.



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# Indiana Beef Cattle convention planned for Jan. 29

INDIANAPOLIS – The Indiana Beef Cattle Association (IBCA) will once again showcase the Indiana beef industry at its 2022 IBCA Annual Convention. The convention and tradeshow will be Jan. 29 at the Indianapolis Sheraton, Keystone Crossing.

The Indiana Hereford, Simmental, Charolais, Limousin and Shorthorn associations will hold their annual business meetings in conjunction with the state association’s annual event. Following the breed meetings and educational sessions in the

morning, the convention will feature Colin Woodall, CEO of the National Cattlemen’s Beef Association.

The IBCA will again recognize the state’s top cattlemen and women at the annual honors banquet. The evening awards program will salute the men and women who provided leadership for the Indiana beef industry over the previous year or during their lifetime.

The event not only offers producer programs, but the tradeshow also allows stakeholders, allied industry partners and influencers to reach

out to the state’s top cattle producers who will be assembled in one place at the same time.

All cattle producers and their families are invited and encouraged to attend this exciting event for a day of fun, fellowship, networking and great food. Producers and stakeholders may register at the IBCA website, [www.indianabeef.org](http://www.indianabeef.org). For more information, call the IBCA office at 317-293-2333.

## Mielke

FROM PAGE 4B

product to Mexico was especially impressive, up 65%.

A judicial ruling this week has determined that “gruyere” is a generic style of cheese that can come from anywhere. The decision reaffirms that all cheesemakers, not just those in France or Switzerland, can continue to create and market cheese under this common name. The decision drew praise from the Consortium for Common Food Names (CCFN), U.S. Dairy Export Council (USDEC), National Milk Producers Federation (NMPF), and others seeking to preserve the use of generic terms.

Senior Judge T. S. Ellis III of the United States District Court for the Eastern District of Virginia upheld the August 5, 2020, precedential decision of the U.S. Patent and Trademark Office’s (USPTO) Trademark Trial and Appeal Board.

“Not only is this a landmark victory for American dairy farmers and cheese producers who offer gruyere, this win sets a vital precedent in the much larger, ongoing battle over food names in the United States,” said Jaime Castaneda, executive director for CCFN. “The European Union has tried for years to monopolize common names such as gruyere, parmesan, bologna or chateau. This verdict validates that we’re on the right path in our fight on behalf of American food and wine producers to preserve their ability to use long-established generic

names.”

In politics, the U.S. prevailed in the first dispute settlement panel proceeding under the U.S. Mexico-Canada trade agreement (USMCA). The panel agreed with the U.S. that Canada is “unfairly restricting access to its market for U.S. dairy products by breaching its USMCA commitments regarding allocation of dairy tariff rate quotas (TRQs),” according to a USDA press release.

Agriculture Secretary Tom Vilsack said; “This ruling is a big step for the U.S. dairy sector towards realizing the full benefits of the USMCA and securing real access to the Canadian market for additional high-quality American dairy products such as milk, cheese and skim milk powder.”

The announcement drew praise from the NMPF and USDEC. NMPF’s Jim Mulhern stated; “The United States and Canada negotiated specific market access terms covering a wide variety of dairy products, but instead of playing by those mutually agreed upon rules, Canada ignored its commitments. As a result, U.S. dairy farmers and exporters have been unable to make full use of USMCA’s benefits. Today’s decision is an important victory for U.S. dairy farmers and the millions of Americans whose jobs are tied to the U.S. dairy industry.”

The International Dairy Foods Association, the International Cheese Council of Canada, the Dairy Companies Association of New Zealand, and Eucolait also applauded the findings, according to a joint press release.

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SAM CLARK: 317.442.0251  
JIM CLARK: 765.659.4841

2 TRACTS  
47.1+/-  
total acres

Halderman-Harmeyer  
Real Estate Services  
  
HALDERMAN  
REAL ESTATE & FARM MANAGEMENT  
800.424.2324 | [halderman.com](http://halderman.com)  
 Auctioneer: Russell D. Harmeyer IN Auct. Lic. #AU10000277, HRES IN Auct. Lic. #AC69200019, FARM: Ginder Farm, HLS#SFC-12730

Ag Exchange  
We know farms. We sell farms.  
FARM STORAGE FACILITY  
1128N 1200 EAST ROAD, ONARGA, IL  
ASKING \$1,100,000.00  
+/- 710,000 bushel grain storage facility.  
+/- 23,640 sq ft under roof. 3 Outbuildings, excellent condition.  
+/- 5.58 Acres, Part of section 1, T25N-R14W Ash Grove TWP. Iroquois County, IL.  
Visit [WWW.AGEXCHANGE.COM](http://WWW.AGEXCHANGE.COM)  
Contact Travis Selby  
217.304.1686

EVANS • MASON CONSTRUCTION & WINTER MULTI FARMER AUCTION  
“ONLINE BIDDING ONLY”  
ENDS: SUNDAY, JANUARY 23 @ 6:00 PM

\*Every item in this auction is available for viewing, please check catalogue or message/call Auctioneer. Please make your inspections. \*Items can be picked up by arranging through the seller. All items located in Edinburg at the Auction Center will be available for pick up on Mon., Jan. 24 thru. Wed., Jan. 26, 9:00 AM to 12:00 Noon (them are the only 3 days a forklift will be available)  
\*All items must be paid for in 72 hrs. or by arranging through Auctioneer. Payment accepted Mon., Jan. 24 - Wed. Jan. 26, 9:00 AM - 12:00 Noon in person at Auction Center, 409 North St., **EDINBURG, IL**  
\*550+ LOTS\*

• Construction & Contractor Masonry Equipment • Sky Climber Scaffolding • Sky Climber Motors • Farm Equipment • Machinery • Trucks • 1994 CAT DH6 II Dozer • 1995 JD 790E LC Excavator • 2014 Peterbilt 389 (1 owner) • 2017 Great Dane Enclosed Van Trailer(1 owner) • 2018 PJ Gooseneck Trailer (1 owner) • 2003 Timpette Hopper Bottom • 2008 Schein Dump Trailer • 2006 Manac Step Deck Trailer • 1985 East Alum. Dump Trailer • 1975 Heil Tanker Trailer • JD, Kubota, Case, Ford, Massey Harris & IH Tractors • Skid Steers • Excavator Attachments • Implements of all kinds • Grain Augers • Trucks • 2012 Case IH 870 Ripper • 2010 Case IH Tiger-Mate Field Cultivator • (2) DMI Gravity Flow Wagons. 450 Bu. • Utility & Military Trailers • Tractor Weights • 2008 Altec Digger • Plows, 3,4&5 Bottom • Flail Mowers • Chopper Mowers • Power Washers (cold & hot) • Hand, power & shop tools (DeWALT) • Sundog Propane Contractor Heaters • Diamond Plate Toolboxes • Gang Boxes • Generators • Assortment of Ladders • Cast-Iron Church Bells • SS Restaurant Equipment, MUCH, MUCH MORE!!!  
CONSIGNMENTS WELCOME THROUGH JANUARY 15th.  
Register to bid, view catalogue & terms @ [corycraig.hbid.com](http://corycraig.hbid.com)  
MUCH, MUCH MORE! See catalogue for listing & photos!

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409 North St. Box 216 Edinburg, IL 62531  
SECOND GENERATION...FULL TIME  
[www.corycraig.com](http://www.corycraig.com)  
217-971-4440

INDIANA AGRICULTURAL AND DEVELOPMENT LAND AUCTION

Madison Co., IN

Thursday January 20th, @ 6PM

90.34 ACRES +/-

Owners:  
Kenneth and Martha Pittsford Trusts

PROPERTY LOCATION:  
4730 S Rangeline Rd., Anderson

AUCTION LOCATION:  
Millcreek Civic Center  
403 W Main St, Chesterfield, IN

PROPERTY INFORMATION  
- 90.34 +/- Total Acres w/77.42 +/- Tillable  
- Tract #1: 39.14 +/- Acres  
- Tract #2: 51.2 +/- Acres

This property has excellent soil types with a high percentage of Brookston and Crosby Silt Loams and offers a very wide variety of opportunity. Located on Rangeline Rd. just across from Harrah's Hoosier Park Racing and Casino, future development is a definite possibility. Call Andy at 765-748-4509 today for more information!!

TRACT #2  
TRACT #1

SALE MANAGER  
Andrew Wagner AU10200074  
(765) 748-4509  
Jerrett Flesher AU11600036  
Max Wagner AU01010753  
[wagnerauctioneering.com](http://wagnerauctioneering.com)  
[wagnerauctioneering@yahoo.com](mailto:wagnerauctioneering@yahoo.com)

Wagner  
Auctioneering  
& Real Estate

# Depending on source, advice isn't always welcome

I have a hard time taking advice. I gladly accept advice from people who have far more experience than myself but when people start telling me how to do things they've never done before, I stop listening.

Conversely, I've always found it frustrating that people who really are experts in their field go out of their way to keep their secrets to themselves. In all the years I've been trying to become a better leatherworker and engraver, I've had dozens of some of the best saddle makers and engravers in the country in my shop and I can count on one hand the times one of them has told me one of their secrets on how to do something.

My wife and I have always been savers, not spenders, so when we started out we saved money by living in some less-than-desirable neighborhoods with less than desirable neighbors. One next door neighbor was a portly guy whose yard was overgrown with weeds, an old boat was parked in the front yard and his house looked like it would fall down in the next earthquake. On the other hand, we kept a tidy place and every time I'd start a new project, whether it was painting the house or working on my truck, the uninvited neighbor would come over and start telling me how to do it. I quickly learned that free advice was the costliest kind.

When we finally had enough money to buy 100 cows we leased a run-down ranch because it was cheap. I wasn't going to spend our money on another man's place so I didn't waste any on improvements. Every time I'd run into a certain cattleman, he told me I needed to fix my fences and build a better loading chute. He also told me my bulls weren't good enough and I needed to supplement more. All this from a guy whose calves wouldn't weigh 400 pounds at weaning.

I had a great friend who was a very talented woodworker but who'd never worked with leather in his life. I'd made him several useful objects which he liked, and he asked me if I'd make him two identical soft-sided briefcases. For

the next week he was in my shop daily telling me how to tool and construct them. One day I'd had enough and I sat him down and said, "I want to tell you an old story that I think is pertinent and timely."

It went like this: "An old cowboy was sitting on his horse by the side of a road when a guy drives up in a fancy Mercedes, wearing a pair of \$500 sunglasses and an expensive Italian suit. He stuck his head out the window and engaged the cowboy in some friendly chit chat. Wanting to impress the cowboy the dude says, 'I bet I can tell you exactly how many animals you have without leaving my car and if I do will you give me a calf?'"

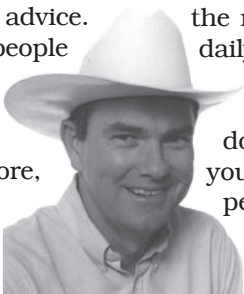
The old cowboy ponders this proposal and says, "Why not?" So, the dude gets out his computer, connects it to his cell phone and surfs to the NASA page on the Internet. He uses a satellite navigation system to get an exact fix on the ranch which then tells a NASA satellite to scan the area in ultra-high resolution. Then he downloads this information into a special program that counts the animals. The dude says, "You have exactly 1,505 animals on your ranch."

The cowboys looks at the dude in amazement and says, "That's exactly right. I guess you get one of my calves." So, the cowboy looks on as the dude tries to stuff the small animal into his Mercedes. Then the cowboy asks, "If I can tell you exactly what business you're in will you give me back my calf?"

"Why not?" says the dude.  
"You're an emissary of the U.S. government."

"Wow. How did you know?" asked the dude.

"I know because you showed up even though no one called you, you want to get paid for an answer I already knew, to a question I never asked. You tried to show how much smarter than me you are and you don't know a damn thing about cows... this is a flock of sheep. Now give me back my dog."  
[www.LeePittsbooks.com](http://www.LeePittsbooks.com)



It's THE PITTS  
By Lee Pitts

PRODUCTIVE FARM GROUND | WABASH CO | LIBERTY TWP

January 17<sup>th</sup>, 6:30 pm ET

AUCTION

175+/- Tillable  
15.3+/- Woods  
1.8+/- CRP

LAFONTAINE LEARNING COMMUNITY

201 N Wabash Avenue, La Fontaine, IN 46940

PROPERTY LOCATION:  
On the west side of Wabash County Road  
350 in between CR 1100 S and 1200 S

196.78+/-total  
acres

John Miner: 765.438.2699 • AJ Jordan: 317.697.3086 • Larry Jordan: 765.473.5849

HALDERMAN  
REAL ESTATE & FARM MANAGEMENT  
800.424.2324  
[halderman.com](http://halderman.com)  
 Auctioneer: Russell D. Harmeyer IN Auct. Lic. #AU10000277, HRES IN Auct. Lic. #AC69200019, Farm: Russell Irving, HLS#JMM-12734

340.49+/-total  
acres | 5 tracts

EATON, OH  
PREBLE CO

PRIME LEVEL AGRICULTURAL LAND

AUCTION

Thurs. February 3<sup>RD</sup>, 6:30 pm ET

Tract 1: 161.2+/- Acres  
Tract 2: 50.0+/- Acres  
Tract 3: 53.99+/- Acres  
Tract 4: 42.5+/- Acres  
Tract 5: 32.8+/- Acres

PROPERTY LOCATION:  
7 miles West of Eaton, Ohio in Dixon & Jackson Township

Also: Kuhn Equipment Auction  
Wed. February 9<sup>th</sup> | 11:01am ET  
9359 Concord Rd, Eaton, OH  
TRUCKS | 5 TRACTORS | COMBINE

Auction Location: L&M Products Banquet Hall  
1407 N Barron Street, Eaton, OH

Contact us today! H. JOHN KRAMER: 937.533.1101 | CRAIG SPRINGMIER: 937.533.7126

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REAL ESTATE & FARM MANAGEMENT  
800.424.2324  
[halderman.com](http://halderman.com)  
 Auctioneer: Russell D. Harmeyer OH Auct. Lic. #2001014575, HLS# HJR-12729, Farm: Elleman Family Farms



# Leaving the farm can be difficult; but embrace the change

During the next few months my wife Marilyn and I will leave our cherished farm in Western Iowa to move to a condominium in Pella, Iowa, for our next phase of life. It's not easy because much of our lives is tied to our farm and the home we constructed, as well as to family, friends, and neighbors in a community we love.

We've lived here for 42 years after resigning faculty positions at the University of Virginia (Marilyn in nursing, and myself in psychology), as well as leaving a home that we built on 3.5 acres with a fishing pond in the foothills of the Blue Ridge Mountains west of Charlottesville. We wanted to raise our children, then ages 4 and 1, on a farm so they would be exposed to the experiences and values that Marilyn and I absorbed as we grew up with farming in our genes.

Our children received excellent educations in the Harlan Community Schools; they participated in 4-H, acquired lifelong musical skills, and had different social adjustments than they likely would have had in Virginia four decades ago when the county public schools were inferior, and local private schools were too expensive. Albemarle County and the private schools have changed since then.

Our children learned to work and play hard, how to construct a house and farm buildings, to fix machinery, to like the outdoors, to produce much of our own food, to enjoy cattle and pets, and to experience the serenity, as well as the challenges of living on the land, like the 1980s Farm Crisis.

It's time now for Marilyn and me to live nearer to our family at Pella. Our grandchildren there have no other grandparents. Our other grandchildren at Polk City, Iowa, have their mother's parents, who are wonderful caretakers and live nearby to assist when needed.

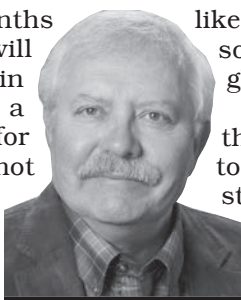
Marilyn and I are needed now to help our daughter and her husband who work more than fulltime, and our grandchildren who are busy with school, and extra-curricular activities

like sports, religion classes, and soon, music lessons. We are glad to help.

I plan to continue writing this monthly column as well as to finish a couple books. I will still be able to connect with the farmers and organizations with whom I communicate regularly, and to accept new requests.

For farmers, ranchers, and retiring employees, leaving a daily agricultural way of life is emotionally conflicting. It entails lifestyle shifts, as well as the alteration of social connections, business transactions, and usually the need for financial and legal

(Rosmann continued on page 14B)



FARM & RANCH LIFE  
By Dr. Rosmann

## LIVE ON-SITE & ONLINE NEW SALEM LIONS CLUB ANNUAL CONSIGNMENT SALE

SAT., FEB. 26, 2022  
AT 9 AM

RUSHVILLE, INDIANA

NOW TAKING CONSIGNMENTS  
FOR SALE LISTING  
ABSOLUTELY NO  
HOUSEHOLD GOODS  
WILL BEGIN ACCEPTING ITEMS ON  
FEBRUARY 9, 2022  
9 AM TILL 4 PM  
MONDAY THRU SATURDAY,  
NO SUNDAYS

ABSOLUTELY NO TIRES ACCEPTED!

NOTE: Items accepted at the discretion  
of the sale committee - last day to bring  
items is Feb. 22, 2022 by 4 PM.

TO CONSIGN,  
CALL ONE OF THE FOLLOWING:  
LARRY T. JOHNSON 765-938-3872  
BRIAN JOHNSON 765-561-0268  
DAVID WILSON 765-914-1671  
NEW SALEM LIONS CLUB BLDG.  
765-932-5200

## BID NOW ONLINE AUCTIONS

**Auction Report:** Prices for used equipment were strong in 2021 and prices from our December 14th Online Auction at E&B Miller Farms in Bad Axe, MI are a very good indicator. The Online Auction drew interest from 11 states and ended with buyers from 4 states! All the equipment sold to the highest bidder in this Absolute Online Auction!

**Thinking of Selling Your Line of Equipment?** Get the best audience possible by selling your equipment in one of our Online Auctions! Call **NOW** to discuss selling your Equipment in 2022 and take advantage of current Equipment Prices!

**Have a Small List of Equipment?** No problem! Ask about our Semi-Monthly 'Tri-State Farm, Construction and Municipality Equipment Online Consignment Auction' where equipment sells from your location.

Call for a Confidential Consultation to find out what we can offer you and discuss our reasonable rates!



Call Dave or Jeff @ 989.823.8835

Albrecht Auction Service | www.BidNow.us | 989.823.8835

50 CAMPSITES WITH FULL HOOKUPS • OUTBUILDINGS • 2 PONDS • HOUSE  
WILDCAT WOODS CAMPGROUND • WOODED ACREAGE

DARKE COUNTY, OHIO

ONLINE at halderman.com  
**AUCTION**

February 15<sup>th</sup>, 8:00 am - 5:00 pm ET

OPEN HOUSES: January 23 & January 26 | 3 - 4:30 pm ET

PROPERTY LOCATION:

1355 Wildcat Road, Greenville, OH 45331



HALDERMAN  
REAL ESTATE & FARM MANAGEMENT

800.424.2324 | halderman.com

Contact me, today! Chris Peacock: 765.546.0592



Auctioneer: Russell D. Harmeyer OH Auct.  
Lic. #2001014575, FARM: Wildcat Woods  
Campground, HLS#CCP-12736

22.229+/- Woods  
2.3+/- Ponds  
9.04+/- Campground

**33.569+/-**  
total acres

## FARM EQUIPMENT AUCTION

Monday, January 31 • 10am | 742 Dutch School Rd, Bronson, MI



• 2013 CASE IH QUADTRAC 450, AFS, PTO, 1833 Hrs. Power Shift, 30" Tracks, Buddy Seat, S# ZDF135425 • 2011 CASE IH QUADTRAC 485, AFS, PTO, 1768 Hrs. Power Shift, 36" Tracks, Buddy Seat, S# ZAF122514 • 2014 HAGIE STS 12 Sprayer, 380/105R50 Tires, 481 Engine Hrs. Cummins, Stainless Steel 1200 gal. 120' Boom AgLeader Auto Steer, Buddy Seat, S# 1611141414 • 2013 JD 1990 Air Drill, CCS SeedMetering, 40' 15" Spacing, Markers, S# 1A819905TDM755148 • JD 1770NT Narrow Transport, 16x30 Planter, Vac. MaxEmerge XP, No Till, Large Hoppers, Seed Firmers, No Fert. S# • 2011 Fast 8100 Liq. Applicator, 16 x30" 17 Spring Coulters, 480-80R42 tires, 1600 Gal. Tri-fold, Ravin Controller • AG Spray Equip. P287-1610 Nurse Cart, 1600 Gal. 11-22.5 Tires, Lights, Honda Transfer Pump, S# 1594 • 2015 KUHN KRAUSE 8210 Disk, 38" Cushion Gang, 9" Spacing, Walking Beam, Leveling Hitch, Gauge Wheels, Tri-fold, Apx.21.5 F Blades, Apx. 23 R Blades, Rear Hitch, S# 8210WDFB0102 • 2015 JD 200 Crumbler, Apx. 40' Tri-fold, Adj. Hitch • 2011 KUHN KRAUSE 5635 Field Cult. 42' Walking Beam, Leveling Hitch, Tri-fold, Gauge Wheels, 5 Bar Spike Att. Knock-on Shovels, Rear Hitch, S# 5635 42 1765 • Pallet of Krause parts for Spike attachment and Misc parts • CASE IH 110 Crumbler, Apx. 45' Tri-fold, Adj. Hitch, S# YBD055719 • CASE IH 800 Plow, 10 Bottom, Spring Reset, Cushion Coulters, On Land, S# CCF0005053 • JD 2018 Rotary Cutter, 1000 pto, Chain Guards, Hard Tires, S# W02018F003079 • Neuero 8100 Air System, w/Tubes and Attachments, Top Cone, Portable

INSPECTION DAY: Fri, Jan. 28 from 10am to 2pm

OWNER: Mallow Farms • Jim Mallow, ph: 269.625.0358

AUCTION MANAGERS: Ted Boyer • 574.215.8100 & Ed Boyer • 574.215.7653 • ed@boyerpig.net #6505261770, #6501225192

TERMS: Cash or Check w/ proper ID. 4% surcharge for credit cards. Announcements made the day of the auction take precedence over any printed material. Not responsible for accidents.

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Real Estate and Auction Company, Inc.

Don't Miss This Action-Packed Day In Northern Indiana!

## LATE MODEL AG & CONSTRUCTION AUCTION

THURSDAY, FEBRUARY 3, 2022  
Starting @ 8:30 AM EST

Auction Location: 72435 State Road 15, New Paris, IN 46553

TRACTION • COMBINES • PLANTERS • HAY EQUIPMENT  
TILLAGE EQUIPMENT • SKID STEERS • EXCAVATORS • WHEEL LOADERS  
COMPACT TRACTORS • DOZERS • MOWERS • ATVs • TRACTOR PARTS  
SNOW REMOVAL EQUIPMENT • VEHICLES • SEMI TRUCKS • TRAILERS  
SKID STEER ATTACHMENTS • TRACTOR LOADERS • COMBINE HEADS  
MANURE SPREADERS • LIVESTOCK EQUIPMENT • GRINDER/MIXERS  
GRAIN CARTS • GRAVITY WAGONS • AUGERS ...AND MUCH MORE!

Selling 2 RINGS ALL DAY  
So bring a friend!!

Check our website for the most up-to-date information & catalog or call us at 1.877.915.4440 with any questions!

Online Bidding Available  
www.polkauction.com  
Accepting Consignments Until February 2 @ 5:00 pm





CLOSING OUT – 3 HOUR RETIREMENT FARM AUCTION

On Site - - LIVE - - Farm Auction

MONDAY, JANUARY 17th, 10:00 A.M.

1 Mile South of LOVINGTON, ILLINOIS on Rt. 32

3 Miles West on 2000 N & ¼ Mile North on 600 E or 5 Miles East of Dalton City on 2100 N & South ¾ Mile on 600 E

Case IH 290 Magnum -- Case IH 260 Magnum

John Deere 4430

Case IH 290 AFS Magnum MFWD #02843, 16 speed PS, Goodyear 4 R46 Rear & 4 R34 Front, F&R Weights, deluxe cab w/leather, GPS 262 Wass Receiver/Pro 700 Monitor/Raven variable rate control, quick hitch, 3148 one-owner hours; Case IH 260 AFS Magnum MFWD #08040, 16 speed PS, Michelin 4 R46 rear & 4 R34 front, F&R weights, deluxe cab w/leather, high capacity hydraulics, GPS RTK 372 receiver/Pro 700 Monitor/Raven variable rate control w/Intuicom, quick hitch, 3566 hours; John Deere 4430 #47315R, cab, good 18.4R34, dual hyd., weights, quick hitch, original paint, 6440 hours; John Deere 4430 hubs w/18.4/34 duals; 16.9x34 duals; 2- 18.4x46 Goodyear tires; JD & IH weights; Quick hitch; JD front fuel tank.

Case IH 6088 AFS Combine

Case IH 4408 & 3020 Heads

Case IH 6088 AFS Axial Flow combine, #2490, 30.5LR32, Contour Master, AFS rotor, chopper/spreader, Big Top bin extension, GPS ready, CIH electric steer, Pro 700 monitor, annual dealership maintenance, 2609/1942 hours; Case IH 4408 8/30 Corn head #633672, auto header, 4 stalk stompers, one-owner w/1500 acres use; 30' Case IH Terra Flex 3020 Platform #59573; EZ Trail 672 & 680 head movers.

3 Grain Trucks - - IH Semi w/Maurer Trailer

IH 4400 10 Wheeler - - Chevy C60

J&M Grain Cart - - Grain Augers

2005 IH 4300 Semi, single axle, day cab, DT466, Allison automatic, air ride, new R24.5, 169K miles; 2006 24' Maurer hopper bottom grain trailer, single axle, R24.5, ag hopper, roll tarp, one-owner; 2006 IH 4400 tandem axle grain truck, DT570 diesel, Allison automatic, good 11R22.5, 20' Kann aluminum bed, 64" sides, grain/cargo doors, roll tarp, twin hoist, 365K miles; 1978 Chevy C60 grain truck, 350, 5/2, 10/20, 13½' Midwest grain bed w/hoist, 69K miles; J&M 525 grain cart, 23.1x34, hyd. spout, rear camera; Mayrath 10"x61' swing away auger, hyd. lift; Mayrath 8"x30' PTO auger, galvanized, like new; Mayrath 8"x61' au-

ger; Mayrath 6"x27' auger w/electric motor; 18' Unverferth hyd. fold/drive planter fill auger off J.D. 1770.

Case IH 1250 Planter 16/30 - - Seed Tender

Seed Wagons - - Sprayer

Case IH 1250 Early Riser planter 16/30 #28069, adjustable down pressure, Yetter trash wipers, row shut offs, variable rate, C & SB plates, rear camera, scales on seed hoppers, nice maintained planter; Travis HSC 2000 2 box seed tender, Hitch Doc talc, Honda GX240 elec. start engine; 2- Killbros 350 gravity wagons, Killbros 10T running gears & J&M 15' hyd. unload augers; Hardi 500G trailer sprayer, 40' boom, foam marker, cab controls.

Case IH Tiger Mate - - Disc Chisel

Bush Hog Mowers - - Farm Machinery

32½' Case IH Tiger Mate field cultivator, 3 bar harrow, rolling basket, new sweeps, one-owner; Case IH MRX 690 5 shank disk chisel; 15' Bush Hog 12815 batwing mower, chains, solid tires, sharp one-owner w/original blades; John Deere 845 16/30 row cultivator, RF, levelers; 22' Case IH 496 disk; Case IH 1300 9' sickle mower; 2- John Deere 400 20' rotary hoes; 7' Bush Hog 257 rotary mower; 9' Big Ox 3pt blade; 20' Harragator; IH 710 5/16 plow; Nice wood flare bed wagon w/factory gears; 9' Kewanee 3pt. blade; 7'x8' Flatbed snowmobile trailer.

2001 GMC Z71 Pickup - - Tanks - - Tools

Farm Items

2001 GMC Extended cab 4 door Z71 Sierra pickup, 4x4, SLE, Vortec 5.3, Reese hitch, 6½' bed with topper and bed liner, nice w/240K one-owner miles; 1300 G & 1700 G poly vertical tanks; 250 G fuel tank w/electric pump; 110 G fuel tank w/12V pump; 275 G poly Def tank w/110 pump; 2- 25G 12V sprayers; Batchold weed mower w/8HP Honda engine; 2 Homelite 2" transfer pumps, 1 w/5.5 Honda; 30T Continental shop press; Continental engine hoist; Acetylene torch set; Metal band saw; Ace hyd. pumps; 12' Bin sweep; Post drill; Leg vise; Metal bolt cabinets; Livestock water tanks; Road drag; Steel, cedar and hedge posts; Tripod TV tower; 12V Broadcast seeder; Fresh Air grain bin dust fan; Log chains; Flex harrow; Wagon load of tools and supplies.

Photos, Details at [www.bauerauction.com](http://www.bauerauction.com)


Online Bidding Available Starting Around 11:00 A.M.

Machinery was used on 1000 acre farm. Very nice offering of quality maintained shedded machinery. Contact owner with questions or prior viewing.

DENNIS & PAM SMITH, OWNERS

Ph. 217-254-7298

GPS Address: 2024 CR 600 E, Lovington, IL 61937



Hank Bauer

(217) 259-5956

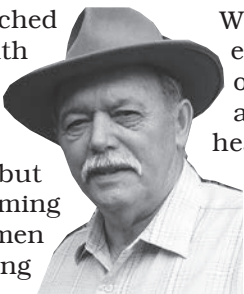
Lic. #440000242

Don Bauer

(217) 259-5093

Lic. #440000178

Don't go out on the ice alone or without flotation device



SPAULDING OUTDOORS

By Jack Spaulding

Indiana ice fishermen watched the last days of 2021 go by with spring-like temperatures and not a sign of fishable ice. January edged in at first with similar warmth but finally dropped into ice-forming temperatures. Ice fishermen have become impatient waiting for "first ice" and the chance for ice fishing. Day-to-day up and down temperatures have brought frustration for anglers waiting for some good, safe, fishable "hard water."

Fishermen are not the only ones waiting for safe ice. There will be others out, and it's important to keep a watchful eye for other people who may venture out on neighborhood retention ponds, lakes and other waterways who might find themselves in trouble.

Every winter, thousands of Hoosiers safely enjoy fishing, skating, hiking or just sliding around on frozen ponds and lakes. However, every year people drown after falling through ice. Don't let this happen to you or yours.

When thinking about getting on the ice, put safety first. Believe all ice is thin ice unless proven otherwise.

Here are a few tips to remember when considering standing on or walking on a frozen body of water:

No ice without testing and confirmation is safe ice.

Do not go alone.

Test the thickness of the ice with an ice auger. At least 4 inches of ice is recommended for ice fishing; and 5 inches is recommended for snowmobiling.

If you don't know the thickness of the ice, don't go out on it.

Wear a life jacket or flotation coat.

Carry ice hooks and rope gear.

Before going on the ice, leave a note of your whereabouts with a friend or family member.

Never attempt to test the thickness of the ice while alone.

Wearing a life jacket is especially important when on ice. If you fall through, a life jacket will keep your head above the water until help arrives.

Remember a new coating of snow, while perhaps beautiful, can make for treacherous ice conditions. Snow can serve as insulation, causing water to freeze at a slower rate.

When snow and rain freeze into ice, it is not as strong as solid, clear ice.

Another potentially dangerous situation is when you encounter a pet or other animal in distress on the ice. If this should occur, do not go after the animal. Instead, contact local emergency response personnel such as the fire department, who are equipped to make a rescue.

A few more tips:

Some bodies of water can appear to be frozen solid but have thin ice in several potentially unexpected areas.

Flowing water, such as rivers and streams, should be avoided when covered by a layer of ice.

Similarly, water surrounded by sand may freeze with inconsistencies in the thickness of the ice.

Underground springs, wind, waterfowl and other animals can also keep areas of ice thin.

Dress for the cold, and enjoy the winter weather, but make safety a priority.

Eagles over Monroe Lake activities

Monroe Lake's annual special event, Eagles over Monroe, offers a wide range of programs and activities for people to learn about the majestic bald eagle, from Jan. 22-30. The event includes a mix of small to medium-size in-person programs and hikes, a self-guided tour and scavenger hunt, as well as a virtual presentation on Facebook Live.

Details on event activities, (Spaulding continued on page 15B)

ANNUAL JANUARY

CONSIGNMENT AUCTION

SATURDAY, JANUARY 29, 2022 AT 9 AM

WHEELER AUCTIONS LOT, 23101 HWY. 24, PARIS, MO

2500+PIECES

OF MACHINERY

FROM AREA FARMERS

AND DEALERS!

RECEIVING MACHINERY DAILY STARTING:

Monday, Jan. 10 until Thursday, Jan. 27 at 12 Noon

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# Rosmann

FROM PAGE 12B

advice. No way around it, it's hard, but the next phase of life has more positives than negatives, depending on how we look at it.

First, dismiss the word, retirement. Perhaps you noticed that I didn't use that term, because retirement shouldn't predict what follows.

Instead of having little to do, the next phase opens up many possibilities that I like but weren't available when farming, such as fishing and traveling at the best times for these activities — late April through June and August through October. During the next phase you get to choose what and when.

Second, the next phase can be an era of capitalizing on our strengths, and especially helping our successors who are taking charge. The next generation doesn't expect predecessors to be as vital physically as in the past, but they almost always want, and benefit from, useful knowledge shared by their parents and mentors.

Leaving the farm makes time available for community service and pursuits that were postponed, such as volunteering for community service, taking educational courses, and even sleeping in. What we choose for our next phase should be guided by ideas of enriching our lives while helping others in the process. Feeling useful is key to farmers' happiness.

Third, leaving a lifetime of agrarian pursuits shouldn't be thought of as preparing for the last phase of life. The last phase occurs around the time of death, but even then, departing farmers can instruct survivors how to cope during highly

teachable moments.

Fourth, current research shows the most fulfilling stages of life occur during our late 20s to early 40s when most of us are establishing a career, marrying, and having children, followed by our years after age 65 when we can select what we want to do unless we face serious health problems, financial instability, or other uncontrollable events. But, we can adapt even to those events, research shows.

Fifth, but perhaps not lastly, it's important to recognize that our agrarian drive is so strong that it's essential to plan ahead how we will manage our urges to farm and to be useful. Talking through a plan with trustworthy people who have been through this life change can help a lot.

Don't forget having a satisfactory farm estate and working relations with successors. This much, at least, is under our control.

Dr. Mike is a psychologist and farmer who lives near Harlan, Iowa. Contact him at: [mike@agbehavioralhealth.com](mailto:mike@agbehavioralhealth.com).

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UPCOMING AUCTIONS

**Wabash County, IN: January 17**  
**196.78<sup>±</sup> Acres • 1 tract**  
Contact: John Miner 765.438.2699,  
AJ Jordan 317.697.3086 or Larry Jordan 765.473.5849

**Madison County, OH: January 18-19**  
**(ONLINE/ABSOLUTE) 319.72<sup>±</sup> Acres**  
**5 tracts • Productive Farmland**  
Contact: Robert McNamara 614.309.6551  
or Grover Johnson 614.753.9697

**Daviess County, IN: January 18 • 628.5<sup>±</sup> Acres • 8 tracts • Woods**  
**Productive Cropland** Contact: Sam Clark 317.442.0251 or Todd Litten 812.327.2466

**Jasper County, IN: January 19 (ONLINE) • 14.9<sup>±</sup> Acres**  
**Farmhouse Property Along Carpenter Creek • Woods**  
Contact: John Bechman 765.404.0396

**Hamilton County, IN: January 26 (ONLINE) • 47.1<sup>±</sup> Acres • 2 tracts**  
**Tillable Land** Contact: Sam Clark 317.442.0251 or Jim Clark 765.659.4841

**Carroll County, IN: January 27 (ONLINE) • 5 Tracts**  
**147.37<sup>±</sup> Acres • Good Tillable Land with 2 Platted Lots**  
Contact: Jim Clark 765.659.4841 or Sam Clark 317.442.0251

**St Joseph County, IN: February 1 (ONLINE)**  
**110.58<sup>±</sup> Acres • Tillable Cropland • Irrigation Potential**  
Contact: Julie Matthys 574.310.5189

**Preble County, OH: February 3 • 340.49<sup>±</sup> Acres • 5 tracts**  
Contact: H. John Kramer 937.533.1101 or Craig Springmier 937.533.7126

**NEW! Miami County, IN: February 7 (ONLINE) • 159.24<sup>±</sup> Acres**  
**Good Farmland** Contact: Larry Jordan 765.473.5849 or AJ Jordan 317.697.3086

**NEW! Jasper County, IN: February 9 • 429.4<sup>±</sup> Acres • 3 tracts**  
Contact: John Bechman 765.404.0396 or Kelsey Sampson 219.608.4341

**NEW! Monroe County, IN: February 15 (ONLINE) • 194.18<sup>±</sup> Acres**  
Contact: Dave Bonnell 812.343.4313, Todd Litten 812.327.2466 or Michael Bonnell 812.343.6036

**NEW! Darke County, OH: February 15 (ONLINE) • 33.569<sup>±</sup> Acres**  
**Wildcat Woods Campground** Contact: Chris Peacock 765.546.0592

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**Randolph County, IN: 88.65<sup>±</sup> Acres • Potential Building Site/Homes**  
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**PROPERTY LOCATION: TRACT 1: (FAYETTE Co., Waterloo Twp., Sec. 32)** – Near 2200 E CR 400 N CONNERSVILLE, IN. From IN SR 1 at north edge of Connersville take 30th St. east ¼ mile to Waterloo Rd. Continue 1.5 miles north to CR E 400 N. Then right 1 mile to farm. ½ mile east of Pennville Rd. **TRACT 2-4: (WAYNE Co., Abington Twp., Sec. 13)** - 8087 Tice Rd. CENTERVILLE, IN. From US 40 at light in Centerville, travel south on Morton Ave. (Centerville Rd.) for 5 miles to Tice Rd. Then right 1 mile to farm. **AUCTION SITE: Golay Community Center • 1007 E. Main St., Cambridge City, IN 47327.**


**TRACT DESCRIPTIONS:**  
**TRACT 1: 39.731<sup>±</sup> AC** mostly tillable featuring quality Russell & Fox loam soils. Frontage on E. CR 400 N. This tract is farmed as one field for ease of farming operation. Great INVESTMENT opportunity or add to your farming operation.  
**TRACT 2: 64<sup>±</sup> AC** with 60<sup>±</sup> FSA tillable acres & the balance in drainage waterways & the old farmstead site. Highly productive Treaty, Miami, & Celina soils. Located at 8087 Tice Rd., this tract features an established lane, 10k bushel grain bin, 26' x 60' block barn with electric service in place. (0.9 Acres of FSA waterways).  
**TRACT 3: 34<sup>±</sup> AC** nearly all tillable. This is a good cropland investment tract including Treaty, Miami, & Crosby soils. Good frontage on Tice Rd. & a nice location.  
**TRACT 4 (SWING TRACT): 35<sup>±</sup> AC** featuring 28.5<sup>±</sup> FSA tillable acres & the balance in woods & creek. Quality soils including a Miami, Celina, & Shoals blend. This is a SWING TRACT. It must be purchased by an adjoining landowner or in combination with Tract 2 or 3.

**INSPECTION TIMES: 11 AM – 12 NOON**  
**Wed., Jan. 19 | Wed., Feb. 2 | Meet Agent at Tract 2**

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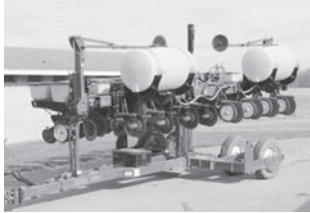


UPTON

FARM EQUIPMENT

AUCTION

THURS, JANUARY 27TH • 10:30AM<sup>EST</sup>

Held at 7852 Westfall Road, Frankfort, Ohio 45628



**Auction Directions: From Frankfort, Ohio-** Travel west on Main Street/Westfall Road. Go south 1 mile to auction site.  
**From US Rte. 35-** Take Co Rd 87 Frankfort exit (Frankfort-Clarksburg Pike) south approximately 2 miles to Frankfort. Turn left on High Street. Turn right onto Main Street/Westfall Road and travel 1 mile to the auction site.

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**TRACTORS & BACKHOE • Case International 275 Magnum tractor**, 3 pt, large 1,000 pto, 4 hyd re-motes, 480/80 R 50 dual rear, 480/70 R 34 dual front, front wts, leather, AFS Pro 600 monitor, Case IH 372 receiver, 2426 hrs., SN Z9RZ06851 • **Case 1370 Agri King tractor**, 3 pt, 1000 pto, dual hyd, 18.4 R 38 rear, 11.00-16 front, power shift, front wts, C/H/A, diesel, 5585 hrs, SN 8799087 • **Case 1030 Comfort King tractor**, 3 pt, 540 pto, dual hyd, 18.4 R 34 rears, 10.00-16 front, power steering, Draft-o-Matic doors & windows, front wts, shows 1715 hrs, SN 8301114 • **Case 530 tractor**, 3 pt, 540 pto, single hyd, 14.9-28 rear, 7.50-15 front (new rubber), power steering, diesel, 2153 hrs, SN 8355262 • **Case 580 Super L Construction King backhoe**, 4WD, cab, 4951 hrs, SN JG0193689

**TILLAGE & PLANTING • 24' Case International 496 disc**, 7 ½" spacing, 22" blades, Remlinger 3-bar harrow, hyd fold, rear hitch • **22' Sunflower field cultivator**, walking tandems, single wheel wings, 3-bar spring tooth harrow, rear hitch, SN 588-721 • **22 ½' DMI Crumbler**, hyd fold • **22' Great Plains Series II Turbo-Till**, flat bar rolling baskets, spider harrow, hyd fold, SN 3919NN • **20' harrowator w/ dolly**, manual fold • **Case International 2500 B Ecolo-Till 5-shank ripper**, SN 1FH0006025 • **John Deere 712** 11-shank disc chisel • **Taylor-Way 10-shank chisel plow** • **Allis Chalmers 2 btm x 14" plow** • **Kinze 2500 8-row x 30" No-Till planter**, single disc liquid fert, 150 gal, single piston, John Blue pump, cast closing wheels, seed firmers, in-row and 2+2 fert, insecticide boxes, markers, SN 901138 • **30' John Deere 750 No-Till drill**, Houck hitch, markers • **John Deere 750** single hitch for John Deere 750 drill • **Set of 15' John Deere** drill markers


**GRAVITY WAGONS & AUGERS • Unverferth 250** gravity wagon on Unverferth gear, w/ seed auger • **M & W 250** Little Red Wagon gravity wagon on M & W gear • **J & M 250** gravity wagon on J & M gear • **Unverferth 235** gravity wagon on Unverferth gear • **Kory 165** gravity wagon on Kory 6072 gear • **150 bu gravity bed** on Kory gear • **10" x 72' Mayrath** Swing-Away auger, SN 920430 • **10" x 32' Mayrath** auger, PTO transport, SN 422467

**APPLICATOR, SPRAYERS, & TANKS • 11-disc DMI 2800** liquid nitrogen applicator, 120" wheel base, 800 gal, ground drive, John Blue pump • **Great Plains AS1000 Application Systems sprayer**, pull-type, 1000 gallon poly tank, chemical inductor, 100 gal rinse tank, 13.6-38 tires, hyd pump, foamer, 60' X-fold booms • **Ag Systems 1000 gal** pup trailer, tandem axle, Briggs & Stratton 900 gas engine & pump, 2" plumbing • **3 pt sprayer**, 200 gal tank, 30' X-fold w/ hand sprayer • **John Deere 100 gal sprayer**, pull-type, needs repair • **700 gallon tank** on cart, single axle • **Continental saddle tanks**, (2) 170 gallon tanks on frame • **1100 gal flat bottom** poly tank

**TRAILERS • 16' + 2' dovetail bumper-pull heavy duty trailer**, 83" wide, tandem axle, ramps, hand winch • **12' bumper pull trailer**, 7" wide, single axle, rear & side ramp

**DAIRY & LIVESTOCK EQUIPMENT • (12) SS Boumatic Signature Series** take-offs • **John Deere 40** manure spreader, single beater • **Misc. farm gates**, various lengths • **Round bale feeder** • **3 pt hay spear** • **Misc. Red Brand** woven-wire fence rolls • **Roll of barbed wire**

**FORKLIFT & MISCELLANEOUS • Clark forklift**, 4000 lb LP, dual stage, dual front wheels, 48" forks, SN IT40-190-877 • **7 ½' snow plow**, Quick Tach for skid loader • **7' County** Line rock rake, 3 pt • **Dearborn 2-12"** plow, 3 pt • **5' Sun-Master** rotary cutter, 3 pt • **6' finishing mower**, 3 pt • **12' x 36"** steel culvert pipe • **Heavy duty** steel racking • **Small wood** burning stove • **Johnson Energy** coal/wood burner furnace w/ blower • **Misc. pumps** • **Rubber** belting • **Stack of dry** cedar boards, rough saw • **Misc. lumber** & barn beams • **Misc. electric motors**, 2.5hp to 5hp, single phase

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**DUNSIETH FAMILY AUCTION****Tractors - Combine - Farm Machinery - Tools - Furniture - Collectibles****SATURDAY, JAN. 22, 2022 – 10:00 AM****Located at 604 John St., HILLSBORO, OH – Highland County Fairgrounds**

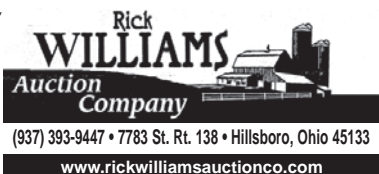
**TRACTORS:** 1970 IH 826, German diesel, 1 remote, 18.4-34 rear rubber, rear weights, 540/1000 PTO, 9,317 hrs., 1 owner; Case 1370 C/H/A, 20.8-38 rear rubber w/Snap-on duals, PS rebuilt 500 hrs. ago, 7,320 hrs.; 1984 Deutz D5207 7,341 hrs., new clutch within 500 hrs., 1 remote, sells with Bushog quick attach. loader. **COMBINE:** 1989 JD 9500, dust tube, chopper, 5,300 eng. 3,600 sep. hours. (pre-harvest hrs.) JD 920 grain head, new poly before harvest, grain grabbers, Cleary sickle; JD 920 grain head w/poly, for parts; JD 643 Corn Head; 15' Header Wagon; Killbros 20' Header Wagon. **FARM MACHINERY:** JD 7000 6-30" planter, no-till, liquid fertilizer; White 271 20' disk; White 226 20' field cultivator w/harrow, hyd. fold; Killbros 375 gravity wagon 9.00-20 tires, roll tarp, Unverferth hyd. auger; NH 351 grinder mixer; 20' harrowgator; IH 45 18' vibra shank field cultivator; IH 720 4-16: semi mount plow; NH 256 hay rake; NH 310 sq. baler, twine; NI 270 cut conditioner; NI pull type sickle mower; 14' flat rack wagon w/running gear; JD VanBrunt 16x7 grain drill w/grass seed; Westfield 8"x56" auger; 5' 3 pt. rotary cutter; Hesston round bale forks; 1 row cultivator; truck transfer fuel tank; 12V seeder; hyd. cylinders; 300 gal. fuel tank w/pump. **GRAIN TRUCK:** 1982 International S1700 grain truck, 345 V8 engine, 5 + 2, single axle, roll tarp, 9.00-20 tires, hyd. brakes, 56,000 miles, 15' Knapheide steel bed single cyl. hyd. hoist. **TRAILER:** 2016 Carry On 5x10, single axle w/ramp gate. **ANTIQUE MACHINERY:** McCormick IH 1 row corn binder; dump rake; pony racing cart. **MOWER:** Simplicity 42" 23 hp, 361 hrs. **TOOLS:** McGraw 21 gal. air compressor; Lincoln AC 225 welder; Stihl 039, & MS 180 chain saws; Honda 2,000-watt generator; Coleman 5,000-watt generator; 5 ton chain hoist; 20 ton shop press; 100 lb. Anvil; aluminum & wood ext. ladders; grain bin sweep; Craftsman miter saw; jacks; engine hoist; torch set; 265 gallon tote; Wrenches and lots of hand tools. **ANTIQUES:** Cast tractor seats; (2) mantels; copper boiler; railroad lantern; corn jobber; scythe; Pepsi chalkboard sign.

**NOTE:** We will sell the furniture and household items first inside the Wharton Building. Tractors & Farm Machinery will follow. The Dunsith family has sold the farm and will be selling their farm related items. This is a very good auction so make sure you attend! Online Bidding available, visit <https://rickwilliamsauctionco.hibid.com/> for farm machinery only.

**TERMS:** Cash or Check w/Proper ID. Credit Cards are accepted with a 4% Convenience Charge. Lunch Available

**AUCTIONEERS:** Rick Williams, Brad Williams, Chip Yochum and Troy Martin

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**Spaulding**

FROM PAGE 13B

including full descriptions and registration links, are available at [bit.ly/eaglesovermonroe2022](http://bit.ly/eaglesovermonroe2022).

One of the featured programs is a conversation with Al Parker, a wildlife biologist who guided Indiana's bald eagle reintroduction program. Al will share both history and personal stories during an informal discussion scheduled for 2 p.m. on Jan. 29 at Paynetown State Recreation Area. Space for this free program is limited to 40 attendees, with registration required by Jan. 26.

On Jan. 30, the Indiana Raptor Center will offer two live raptor presentations at Paynetown State Recreation Area, at 1 p.m. and 3 p.m. The presentations will feature up-close looks at multiple raptor species, including both a bald eagle and a golden eagle. Each presentation requires registration by Jan. 27 and is limited to 30 people; there is a program fee of \$5 per person.

A self-guided driving tour and

scavenger hunt is available for free throughout the entire event period. An online map will guide you to some of the best spots for eagle viewing at the lake. A scavenger hunt, with clues hidden at select viewing locations, can be completed along the way, with a chance to win a 2022 Indiana State Parks annual entrance permit.

Sunset Eagle Watches are being offered on three different evenings for people who prefer assistance looking for eagles at the lake. Volunteers will have spotting scopes set up to view eagles and other birds, and hot cocoa will be available for attendees who bring their own travel mugs. Visitors are invited to drop by, no registration needed, from 5 p.m. to 6 p.m. on Jan. 26 at Pine Grove State Recreation Area, Jan. 28 at the Army Corps of Engineers Office on Monroe Dam Court, and on Jan. 29 at Paynetown State Recreation Area. The sunset watches are free, but donations will be collected to support future programming and events at Monroe Lake.

On Jan. 27, Monroe Lake's naturalist will offer a live virtual presentation on the history of the Bald Eagle reintroduction program in Indiana. "Return of the Bald Eagle" will stream via Facebook Live at 11:30 a.m. The presentation will be recorded for anyone unable to watch live.

Special hikes are also scheduled throughout the week. All hikes are free but do require advance registration and have limited spots available. If a hike is full, interested people are strongly encouraged to sign up on the waiting list.

- Fairfax Birding Stroll, Jan. 22 at 10 a.m. (limited to 15 people)
- Winter Exploration Hike, Jan. 24 at 1 p.m. (limited to 10 people)
- Northfork Birding Hike, Jan. 25 at 10 a.m. (limited to 15 people)
- Bald Eagle Hacking Tower Hike, Jan. 26 at 1 p.m. (limited to 20 people)
- Bald Eagle Hacking Tower Hike, Jan. 29 at 10 a.m. (limited to 20 people)

Entrance to all State Recreation Areas at Monroe Lake is free during the winter months.

Most questions about the event can be answered by viewing the full activity descriptions, which are available at [bit.ly/eaglesovermonroe2022](http://bit.ly/eaglesovermonroe2022). If you have further questions, please contact Monroe Lake's interpretive naturalist, Jill Vance, at [jvance@dnr.in.gov](mailto:jvance@dnr.in.gov) or 812-837-9967.

Readers can contact the author by writing to this publication, or e-mail at [jackspaulding@hughes.net](mailto:jackspaulding@hughes.net). Spaulding's books, "The Best Of Spaulding Outdoors" and "The Coon Hunter And The Kid," are available from Amazon.com as a paperback or Kindle download.

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**Machinery Pete:** "\$305,000 is new record high auction price on 9470R, by \$27,000 over the previous high sale price of \$278,000 from 18 mo. ago."

**2017 JD 7210R w/ Loader**  
**485 Hours**



**\$215,000**

**Machinery Pete:** \$215,000 is new record auction price on 7210R with loader, whopping \$50,000 over the previous high auction price of \$165,000 set back on 3/6/21 sale."

**2013 JD 9360R**  
**1126 Hours**



**\$250,000**

**Machinery Pete:** "\$250,000 is new record high auction price on 9360R, by \$24,750 over \$225,250 price from 7 years ago this mo. That 2012 model 9470R had only 154 hours on it."

**2018 JD 1775 NT Corn Planter**  
**12 Row**



**\$162,500**

**Machinery Pete:** "\$162,500 is new record auction price on 1775NT 12-row planter, topping previous high price of \$147,500 on 1/3/20...that 1775NT 12-row planter was a 2019 model & had only 1115 acres on it"

**\$322,500**



**2018 JD 9570R**  
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**\$142,500**



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Supplement to  
**FarmWorld**  
January 14, 2022

**January 18-20, 2022**  
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# Fort Wayne Farm Show returns after 2021 cancellation

By Michele F. Mihaljevich  
Indiana Correspondent

FORT WAYNE, Ind. – Fort Wayne Farm Show organizers said farmers and exhibitors are looking forward to this year's show after the 2021 event was canceled due to the pandemic.

The show is Jan. 18-20 at the Allen County War Memorial Coliseum.

"I'm sure the show will be packed," said Greg Lake, district director for the Allen County (Ind.) Soil and Water Conservation District. "I anticipate seeing a good-sized crowd because it's been absent for a year. I get a feeling farmers will be anxious to get out and hit the show floor. It almost becomes a giant neighborhood meeting. People stop in the aisles to visit with each other, to catch up."

Exhibitor space at the show has been sold out since the middle of June, said Dan Slowinski, a show director with Tradexpos, which produces the show. The current wait list is the most extensive in the show's 30-plus year history, he added.

"Exhibitors are chomping at the bit, not only to sell products and services, but to get back to some normalcy," Slowinski explained. "Exhibitors have been contacting us, saying, 'please tell us you're having a show.'"

The show will include 388 companies; 117 of those have been with the show for at least 20 years, he said. Fifty-eight exhibitors will be at the show for the first time.

A couple of equipment companies opted out because they didn't have any inventory to exhibit, Slowinski said. He anticipates the same amount of equipment as at previous shows, but the equipment will be offered by a wider variety of companies.

Shows in 2019 and 2020 attracted more than 30,000 people over the three days, according to Tradexpos. Slowinski said he hopes to draw more visitors this year.

"I'm expecting over that, maybe over 35,000," he stated. "I don't think (weather) is going to stop them from attending."

The first Fort Wayne Farm Show was in 1990. Jack Thill, then owner of Tradexpos, created the show after visiting Fort Wayne in the 1980s. The event's primary goal was to draw as many people as possible into an agricultural event, Thill told Farm World in 2014. He died in 2015 at

age 90.

Again, this year, a fundraising auction is scheduled to support the Indiana FFA Scholarship Foundation. The auction is 1 p.m. Jan. 18-19.

"The auction is one of those traditions people look forward to at the show," Slowinski said. "People are very gung-ho about helping out FFA."

Slowinski joined Tradexpos in November 2020 and later that year, the 2021 Fort Wayne show was postponed due to COVID-19. It was eventually canceled.

He said he's looking forward to his first trip to the show and to Fort Wayne. "I get to grow all these relationships and continue this great tradition," Slowinski noted.

The show is open 9 a.m.-5 p.m. Jan. 18, 9 a.m.-8 p.m. Jan. 19 and 9 a.m.-4 p.m. Jan. 20. The event is free, but there is a fee to park in Coliseum lots. This year's grand prize is a Toro 50-inch zero-turn lawn mower sponsored by Plevna Implement Co.

Tradexpos, based in Austin, Minn., also produces farm shows in Owatonna, Minn., and Mulvane and



**Above:** Exhibitors and visitors are excited for the return of the Fort Wayne Farm show.

Photo by Michele F. Mihaljevich from the 2019 event.

Topeka, Kan. The company will debut an outdoor show in Medford, Minn., in July 2022. For more information

on the Fort Wayne show, visit [www.tradexpos.com](http://www.tradexpos.com) and click on "Fort Wayne Farm Show."



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## Seminar

FROM PAGE 4S

average), but he could still have a really bad game. So, while our climate is warming, our day-to-day weather could be variable.”

Educational seminars such as Hall’s are important to the Fort Wayne show, said Dan Slowinski, a show director with Tradexpos, which produces the show. “When you think about it, people do come to the show for the (farm) equipment, but the seminars are also an attraction,” he noted. “The ag field is so competitive, anything they can do to get a leg up on the competition. The whole idea is to get knowledge and the most up-to-date information. I wish we could have more of them.”

The seminars are provided by the Northeastern Indiana Soil and Water Conservation Districts (SWCD) and Purdue University Extension.

“The seminars will feature a lot of weather-related discussions, a lot of climate-related discussions,” said Greg Lake, district director for the Allen County (Ind.) SWCD. “They’re also producer-related, looking at costs. The two main topics are environment/climate and market/grain production.”

The seminar schedule will kick off the morning of Jan. 18 with several familiar faces. Jon Cavanaugh, a market analyst, and David Kohli, an adjunct professor with Ivy Tech, will offer their grain market outlook. Also featured during the presentation will be Ryan Martin, chief meteorologist with Hoosier Ag Today, and Rob Winters, farm director with WOWO radio.

Martin, also farm origination specialist with Louis Dreyfus Co., will discuss how to cash in on carbon

during a lunch presentation that day. Free lunches will be available on a first-come, first-served basis.

An afternoon seminar on the pressures challenging crop production will offer PARP, CCH and CEU credits.

On Jan. 19, Chris Winslow, director of the Ohio Sea Grant Program, is scheduled for a morning presentation. The day’s lunchtime speaker will be Bob White, director of national government relations for the Indiana Farm Bureau. White will discuss the farm bill. Lunch is also free that day and the meals will be available on a first-come, first-served basis.

Sessions in the afternoon begin with a panel discussion on the economics of green energy. A presentation on resources for urban and small farmers will be led by Joelle Neff, watershed project manager with the Allen County SWCD, and Elli Blaine, urban soil health program director for the Indiana Association of SWCDs.

James Wolff, Purdue extension agriculture and natural resources educator in Allen County, will help attendees better understand their urban soils during 6 p.m. seminar.

Jim Mintert, director of Purdue’s Center for Commercial Agriculture, will host a grain market outlook the morning of Jan. 20. An early afternoon workshop on commodity marketing will be led by Ed Farris, director of Purdue’s Huntington County extension, and Martin.

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# Ohio names Dennis Summers new state vet; sets ASF meetings

By DOUG GRAVES  
Ohio Correspondent

COLUMBUS, Ohio — Dr. Dennis Summers, DVM, has been named Chief of the Division of Animal Health. He will serve as Ohio's State Veterinarian. The announcement was made by Ohio Department of Agriculture (ODA) Director Dorothy Pelanda. Summers replaces Dr. Tony Forshey, who died Nov. 26.

In a separate appointment, the ODA named Dr. Kristy Shaw as Emergency Preparedness and Disease Programs Coordinator. Shaw will support all functions of Ohio's State Veterinarian and maintain her role as Emergency Preparedness and Disease Programs Coordinator to ensure the health and safety of Ohio's livestock interests.

Summers first joined ODA in 2014 as a field veterinarian for the Division of Meat Inspection, then was transferred to ODA's Division of Animal Health in the same capacity in 2015. He was appointed to the position of Assistant State Veterinarian in 2018 and then Interim State Veterinarian in 2021.

Prior to his service at ODA, Summers was a private practitioner in Vermont, Ohio and Pennsylvania. Summers was born and raised in Muskingum County in Ohio and attended OSU, majoring in Animal Sciences. He earned his DVM degree in 2006.

In 2019, Summers successfully

passed the board-certification examinations from the American College of Veterinary Preventive Medicine (ACVPM). This earned him the status of Diplomate from the ACVPM.

Shaw received her Bachelor of Science degree in Animal Sciences and her Doctor of Veterinary Medicine degree from Ohio State University. She has experience as a private practice and field veterinarian with ODA's Division of Meat Inspection.

The two quickly went to work after their appointments and are holding meetings for small swine producers, alerting them to the dangers of African Swine Fever. The meetings will be held at Ohio County Extension offices in Clinton County (Jan. 12), OSU's Agricultural Technical Institute (Jan. 19), Champaign County (Feb. 2), and Putnam County (Feb. 16).

African swine fever (ASF) is a highly contagious viral pig disease. There is no vaccine or treatment available.

According to Summers, U.S. pork producers must take the necessary steps to protect their farms and the domestic pork industry from the threat of ASF. Such an infiltration of this disease, he says, "would likely eliminate the entire export market to zero for an unknown amount of time. Timeliness is essential to preventing the spread of ASF."

Signs and symptoms of ASF in pigs include high fever, decreased appetite and weakness, red, blotchy skin or skin lesions, diarrhea and



**Above Left:** ODA named Dr. Kristy Shaw as Emergency Preparedness and Disease Programs Coordinator. (photo submitted). **Above Right:** Dr. Summers replaces Dr. Tony Forshey as Chief of the Division of Animal Health in Ohio. Forshey died Nov. 26. (photo submitted)

vomiting, coughing and difficulty in breathing.

Anyone seeing any of these signs in the herd should contact the herd veterinarian or call your state or federal animal health officials. Call USDA's toll-free number at 866-536-7593 for appropriate testing and investigation.

ASF was first discovered in Kenya in 1921 and is now in most of sub-Saharan Africa and some areas of West Africa. Currently it is also found in areas of Eastern Europe, Belgium, China and Vietnam. It has never been found in the U.S., Canada, Australia or New Zealand.

At these meetings, producers will learn the signs of African Swine fever and what to do if the disease affects the herd. The program will address the steps needed to take, the state and federal response, and biosecurity planning.

The meeting is for small swine producers and veterinarians with swine clientele. Presentations at each location run from 6-7:30 p.m. There is no cost to attend, nor is a RSVP required.

For more information about this gathering contact Dr. Kristy Shaw at 614-728-6253 or [kristy.shaw@agri.ohio.gov](mailto:kristy.shaw@agri.ohio.gov).

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# Webinar series slated for beginning farmers

By Doug Graves  
Ohio Correspondent

LANSING, Mich. – The Beginning Farmers DEMaND (Developing and Educating Managers and New Decision-makers) series is a five-week, online program created to help beginning farmers learn about financial and business management strategies as they develop into the next managers and decision-makers on the farm. Created by Michigan State University Extension, this series offers articles, workshops and additional resources to help navigate managing a farm.

“Every year, inspired individuals enter the world of farming with passion, creativity and drive,” said Jon LaPorte, an educator with MSU Extension, series coordinator and one of the presenters. “This DEMaND series is a new program, all about financial and business strategies for the beginning farmer entering the business. To be successful, these people need to understand the business aspect of farming, how to be profitable, understanding cash flow and determining if one is growing their business.”

The webinar series begins Jan. 12



**Above:** Jon LaPorte – Jon LaPorte, an educator with MSU Extension, is the coordinator of the upcoming Beginning Farmer webinar series, which starts Jan. 12. (photo submitted)

and continues each Wednesday night through Feb. 9. Sessions will be presented by members of the MSU Extension farm business management team. LaPorte will be presenting the final week.

“There has been continued interest among people wanting to get into farming and we’re seeing it continue to grow,” LaPorte said. “A lot of smaller-type farms are emerging and on the rise. We still have a lot of large farms and they’re always going to be

(Seminars continued on page 8S)



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## Seminars

FROM PAGE 7

there, but beginning farming interest is high these days. We're seeing a lot of beginning farmers who are transitioning to become the next generation on an established farm."

LaPorte will be focusing his message on farm business with an emphasis on farm business analysis, business transition, income tax education and general farm business management topics such as economics of technologies and return on investment.

Prior to joining MSU Extension, LaPorte was a Farm Loan Officer with USDA and later a certified crop adviser at a farm retail cooperative.

On Jan. 12, Florencia Colella, a farm business management educator with MSU, will highlight the importance of simple accounting and record keeping, itemizing what information should be tracked in farm records. She will discuss important details needed in farm record and best practices on how to track them.

On Jan. 19, Frank Wardynski will provide a basic overview of balance sheets and cash flow statements and how to use farm records to create them.

"A farmer should fill out balance sheets annually to show how much money he or she spends and how much they should take in to fill out the Schedule F and see how much money is made," he said. "A balance sheet should include assets – all the things the farm owns, as well as the debts. Debts are divided among short-term, intermediate and long-term. Farmers should ask themselves three critical questions: is the farm profitable? Does the farm cash flow? What happened to equity and net worth?"

Wardynski's session will also provide insight into why tax returns are not a good measure of farm profitability.

On Jan. 26, Roger Betz will discuss farm financial analysis, providing insight into its uses for the farm. His session will also review what information is needed and resources available to help complete an analysis. Betz, an MSU Extension farm business management senior educator, has worked individually with more than 430 families throughout his 39 years of service, helping farmers keep accurate financial records.

On Feb. 4, Corey Clark will discuss Introduction to Taxes. When is revenue considered income versus capital gains? What is depreciation and what questions does it set up after capital purchases? Clark will answer these questions and more during the session. Clark was previously a farm business consultant for Clemson University, where she assisted farm and agribusiness owners in assessing their financial performance and increasing their effectiveness as managers.

The Beginning Farmers DEMaND webinar series is free. To register visit: <https://events.anr.msu.edu/demandbeginningfarmers/>. For more information, contact Jon LaPorte at [laportej@msu.edu](mailto:laportej@msu.edu).



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# CoBank: Higher fertilizer prices likely to persist into 2022 spring planting season

By Doug Schmitz  
Iowa Correspondent

GREENWOOD VILLAGE, Colo. – While the situation will eventually correct itself, high fertilizer costs will persist into the spring 2022 planting season “at minimum,” according to a new analysis by CoBank.

“We base this conclusion in part on a recent farmer survey and university study, both of which place the odds of high prices persisting at 70 percent, or above,” said Kenneth Scott Zuckerberg, a lead analyst and senior economist in CoBank’s

Knowledge Exchange division.

He said farm supply cooperatives appear to be better managing risk today, compared to 2008-2009, when a sudden drop in fertilizer prices forced some cooperatives to write down fertilizer inventory.

“In an environment of volatile crop and natural gas prices, the key, of course, is for retailers to match selling prices to the farmer with rising wholesale costs,” he said.

He said U.S. crop farmers and the farm supply cooperatives serving them are facing operational anxiety heading into 2022, driven

by high fuel prices, shortages of agrochemicals (i.e., herbicides, fungicides, insecticides), due to COVID-19-related disruptions and, most importantly, the recent parabolic rise in fertilizer prices.

He added that three issues are behind the rise in fertilizer prices and the further tightening of global fertilizer supplies relative to demand:

1) Higher natural gas prices (a key feedstock used in the production of nitrogen-based fertilizers) due to production shocks that occurred from July to October 2021 in China and England. The rise in

gas prices resulted in higher prices of phosphate and urea fertilizers produced in China, and higher prices of ammonium nitrate fertilizer produced in England.

2) A temporary shutdown of CF Industries’ Donaldson fertilizer facility (the world’s largest nitrogen operation located in Ascension Parish, La.) due to power outages caused by Hurricane Ida.

3) Fertilizer export restrictions by China and Russia, and countervailing (offsetting an effect by countering it

(Fertilizer continued on page 10S)

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# Fertilizer

FROM PAGE 9S

with something of equal force) tariffs on urea ammonium nitrate solution imports to the United States from Russia (as well as Trinidad and Tobago), combined with economic sanctions placed on potash imports from Belorussia.

He said recent talk in the industry suggests U.S. farmers will plant more soybeans and less corn in 2022 due to rising fertilizer prices.

“While technically true, compared to 2021 (i.e., that soybean acres will rise nominally and corn acres will fall nominally relative to each crop’s actual planted acres in 2021), we do not see a crop mix scenario of higher soybean acres over corn in absolute terms for a few reasons,” he said.

“We expect U.S. ethanol producers’ demand for corn to remain strong amidst current high fuel prices and

record blending margins, and we expect a slowdown in soybean sales to China,” he added. “The USDA’s Nov. 5 acreage baseline update aligns with this, forecasting 92 million corn acres versus 87.5 million soybean acres for the 2022-23 crop year.”

Although corn acreage is forecast to drop 1.3 million acres, he said this is primarily due to increased acres for wheat and cotton, both of which are currently at or near record-high price levels.

“Given the above, the current price ratio of soybeans to corn, admittedly a simple tool, shows that soybean prices are currently quite weak relative to corn,” he said. “At present, soybean prices are only 214 percent of corn prices, compared to a long-term average of 253 percent.”

According to the USDA, higher price ratios indicate soybeans are relatively more profitable than

(Fertilizer continued on page 13S)

**Below:** While the situation will eventually correct itself, a new analysis by CoBank said high fertilizer costs will persist into the spring 2022 planting season “at minimum” (photo courtesy of River Valley Cooperative, Davenport, Iowa).





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Mushrooms studied as way to cleanse contaminated soil

MADISON, Wis. (AP) – In the garage of a vacant farmhouse at the Marathon County landfill, mushrooms are growing in contaminated soil.

The soil was the site of an oil spill in the Fox Valley. Plants won't grow on it. It's not safe to leave it. In fact, there's not much that can be done for it. The usual result of such a spill is that all the contaminated soil needs to be dug up and carted to the landfill.

The mushrooms may hold the key to changing all that. They're part of an innovative pilot project to study the effects and potential applications of "mycoremediation," or cleaning soil by growing mushrooms on it.

This study is using pearl oyster and Italian oyster mushrooms – gourmet varieties. Mushroom farmer Jerome Segura, whose Stevens Point-based business Segura Mushrooms sells all over the country, takes a sample of the soil from one container, noting the dense network of mycelium that has grown below its surface. Wisconsin Public Radio reported.

"It's definitely penetrating in, which is good," said Alex Thomas, a graduate student at the University of Wisconsin-Stevens Point and a researcher on the project, which is being run by the Marathon County Solid Waste Department.

The mushrooms were 10 weeks old in mid-November and still growing despite chilly weather. "Those are good-looking mushrooms; I could sell those at market," Segura joked.

But these are the last soil samples the team will take from this experiment. From here, the samples are headed to the lab, where scientists test whether growing the mushrooms here effectively cleansed the soil of contaminants.

Mycoremediation isn't widely prac-

ticed in the United States, but scientific studies out of Germany, Finland and elsewhere support the idea that growing mushrooms can be a surprisingly effective way to clean up soil. A study out of India even found mushrooms removed 100 percent of certain contaminants from soils.

In central Wisconsin, solid waste department director Meleesa Johnson teamed with Segura, Thomas and Solid Waste Management Board member Ashley Lange to create the study. The pilot launched in September, and they're expecting preliminary results in December. In the meantime, the team already has plans to expand the experiment and test other uses and applications.

Johnson said it's part of the department's mission to consider "how we can be better stewards of the land by finding alternative uses for waste materials."

She's hoping the lab results show mushrooms have real cleanup potential. And there's some preliminary reason for optimism.

"Our control soils, if you dig into it, it smells like oil," Thomas said. After mycoremediation, the soil "came back smelling really clean – to me it almost smelled like baby powder. That's an early indication that hopefully we'll see some results."

Petroleum is a fossil fuel, made of carbon. Mushrooms can feed on the organic compounds and break down the lignins that bond them. Previous studies have shown that they not only remove the petroleum-based contaminants from the soil, but also break them down in such a way that even the mushrooms themselves are nontoxic. You wouldn't want to eat them, but they can simply be composted back into the now-clean soil.



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## Fertilizer

FROM PAGE 10S

corn, while lower ratios indicate the opposite and thus support greater planting of corn.

"Using a more sophisticated analysis, researchers with University of Illinois and The Ohio State University have shown that in a high-producing region of the Corn Belt, the pro forma (financial statement) 2022 crop budget for corn pencils out to be even more favorable to corn than it was in 2021 (despite the record high fertilizer costs and given the current price ratios)," Zuckerberg said.

"Finally, based on anecdotal evidence compiled from ongoing conversations with CoBank farm supply cooperative customers, executives at large crop input suppliers, and farm producers, most in the industry agree that corn acres should remain dominant over soybeans in 2022, even with prices for anhydrous ammonia rising toward \$1,200 per ton," he added.

He said while some university and independent research may indicate a logical theoretical case for switching to soybeans from corn when fertilizer prices rise, farmers in the real world often reduce or skip fertilizer applications to manage costs rather than apply recommended levels.

"And as one corn farmer indicated to us, he would rather buy and apply less fertilizer in order to save money (even if yield goes down) rather than 'pay through the nose for inputs,'" he said.

Regardless of the marginal shifts in crop acreage for 2022, he said the key question is whether prices of nitrogen fertilizer – namely ammonia/ anhydrous ammonia, granular urea, urea ammonium nitrate solution, and ammonium nitrate and phosphate – will decline, given ample supplies of potash in North America.

Over the next six months, the CoBank analysis said there is a high probability that fertilizer prices will remain elevated against a backdrop of record general inflation, above-average natural gas prices, tight global nitrogen supplies and continued strong farmer demand.

"Further, we do not forecast that soybean acres will exceed corn acres due to high nitrogen-based fertilizer prices, although that will likely change in the longer term as biofuel production leans more toward soybeans (for use in renewable diesel) versus corn (used in ethanol)," Zuckerberg said.

"Finally, in contrast to the 2008 to 2010 period, farm supply cooperatives appear more focused on managing the risk of write downs (reductions in the nominal value of stock or goods) of fertilizer inventories, should a rapid drop in prices occur," he added.

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<b>LOW MU TECH</b> Booth 35 <b>LUTHERAN HOSPITAL TRAMA SERVICES</b> Booth C326 <b>M &amp; W SEEDS</b> Booth 904 <b>M R C SALES &amp; SERVICE, INC.</b> Booth 664 <b>MACALLISTER MACHINERY</b> Booth 363 <b>MAISCO, LLC</b> Booth C426 <b>MANCHESTER FARM CENTER</b> Booth 342 <b>MARTIN INSURANCE</b> Booth C333 <b>MARTIN TILL</b> Booth C434 <b>MAX PROFIT AG</b> Booth 585 <b>McBURNEY”S LIVESTOCK EQ</b> Booth 515 <b>MEG-MO SYSTEMS</b> Booth 1006 <b>MENSCH MANUFACTURING</b> Booth 183 <b>MERCER LANDMARK INC</b> Booth 658 <b>MERISTEM CROP PERFORMANCE</b> Booth 571 <b>METZGER PROPERTY SERVICES LLC</b> Booth 653 <b>MEYER BUILDING</b> Booth 11 <b>MEYER MFG.</b> Booth 659 <b>MICHIGAN VALLEY IRRIGATION</b> Booth C119 <b>MICRO-TRAK SYSTEMS, INC.</b> Booth 364 <b>MID-OHIO CONSTRUCTION POST FRAME BUILDINGS</b> Booth 1315 <b>MIDWEST BIO-TECH, INC.</b> Booth 722 <b>MILAN CENTER FEED &amp; GRAIN INC.</b> Booth 1217 <b>MINNESOTA PNEUMATIC PRODUCTS</b> 840 <b>MJC PRECISION DAIRY</b> Booth 371 <b>MJK PURVEYORS</b> Booth 683 <b>MODRESKE FENCE</b> Booth 1044 <b>MONGO ATTACHMENTS</b> Booth 634 <b>MORE FARM STORE</b> Booth 519 <b>MORTON BUILDINGS</b> Booth 213 <b>MOSIER’S TARPS</b> Booth 1017 <b>MUTTON OUTDOOR POWER EQUIPMENT</b> Booth 165 <b>NAPA AUTO PARTS</b> Booth 940 <b>NEVILL SUPPLY</b> Booth 21 <b>NEXT GEN TUNING AND DIAGNOSTICS</b> Booth 932 <b>NICORR LLC</b> Booth 824 <b>NIFF-TONE DIST.</b> Booth 1022 <b>NINJA CRIMPER</b> Booth 1350 <b>NORTHWESTERN MUTUAL MATT HENRY</b> Booth C323 <b>NUEBERG MACHINERY SALES AND SERVICE</b> Booth 1232 <b>NUTRIEN AG SOLUTIONS, INC.</b> Booth C237 <b>NUTRITIONAL BLENDING /BYRON SEED</b> Booth 47 <b>O'REILLY AUTO PARTS</b> Booth C332 <b>ORO AGRI</b> Booth 900 <b>OUTBACK GUIDANCE</b> Booth 227 <b>OXBO INTERNATIONAL CORP.</b> Booth 277	<b>P &amp; L FERTILIZER</b> Booth 235 <b>PACEMAKER BUILDINGS</b> Booth 74 <b>PARKER &amp; SONS EQUIPMENT</b> Booth 349 <b>PARKVIEW HEALTH SYSTEMS</b> Booth 63 <b>PARTNERS BRAND SEED</b> Booth C125 <b>PEAK FORAGE</b> Booth 46 <b>PERFORMANCE AG INDIANA</b> Booth 1340 <b>PIONEER</b> Booth 226 <b>PLEVNA IMPLEMENT COMPANY</b> Booth 335 <b>POET BIOREFINING</b> Booth 41 <b>POLY DOME</b> Booth 187 <b>POLY TECH IND INC.</b> Booth 1101 <b>POMPS TIRE SERVICE</b> Booth 910 <b>POND SEED CO</b> Booth C223 <b>PORT INDUSTRIES</b> Booth C441 <b>PORTAGE AND MAIN BOILER / POLAR FURNACE</b> Booth 39 <b>POST AGRI-SERVICE, LLC.</b> Booth 1026 <b>POWELL SEEDS</b> Booth 925 <b>POWERHOME SOLAR</b> Booth 1233 <b>PRAIRIE HYBRIDS</b> Booth C328 <b>PRECISION MANUFACTURING</b> Booth 692 <b>PRECISION PLANTING</b> Booth 237 <b>PRIBLE AG PRODUCTS</b> Booth 319 <b>PROPEL SLIDING DOOR AUTOMATION</b> Booth C231 <b>PROTEXIA</b> Booth 914 <b>PUCK CUSTOM ENTERPRISES</b> Booth 24 <b>PURDUE EXTENTION SERVICE ALLEN CO OFFICE</b> Booth 808 <b>QUALITY CRAFT TOOLS</b> Booth 1346 <b>QUILLEN BROTHERS</b> Booth 822 <b>R L PAINTING &amp; MANUFACTURING</b> Booth 66 <b>RABER PATIO ENCLOSURES &amp; FURNITURE, LLC</b> Booth 370 <b>RADIANT CRAFT</b> Booth 656 <b>REDLINE EQUIPMENT</b> Booth 353 <b>RENEWABLE ENERGY SYSTEMS LLC</b> Booth C329 <b>RENK SEED</b> Booth 1110 <b>ROGERS GRAIN INC</b> Booth 825 <b>RUPLEY FARM EQUIPMENT, INC.</b> Booth 575 <b>RUPP SEED, INC.</b> Booth 58 <b>RYKER TOOLS/SID AND SONS LLC</b> Booth 662 <b>S I DISTRIBUTING, INC.</b> Booth 760 <b>S L PRECISION AG LLC</b> Booth C122 <b>SCHAEFFER OIL &amp; GREASE</b> Booth 1023 <b>SCHRADER REAL ESTATE &amp; AUCTION CO., INC</b> Booth 115 <b>SCI LEASING GROUP</b> Booth 81 <b>SEED CONSULTANTS</b> Booth 278 <b>SEED GENETICS DIRECT</b> Booth 1019	<b>SENECA DAIRY SYSTEMS LLC</b> Booth 926 <b>SHELBY CROP INSURANCE INC.</b> Booth 1127 <b>SHIPSHEWANA HARDWOODS “A PALLETONE CO.”</b> Booth 1312 <b>SHIVERS MFG., INC.</b> Booth 220 <b>SHOP HEAT BOILERS</b> Booth 157 <b>SHOUP MFG. CO.</b> Booth 1001 <b>SHUR-CO</b> Booth 1307 <b>SIKKEMA EQUIPMENT</b> Booth 247 <b>SILVEUS INSURANCE GROUP INC.</b> Booth C107 <b>SIMPLOT</b> Booth 936 <b>SISCO - SUPERIOR IMPLEMENT</b> Booth 313 <b>SLOAN EXPRESS</b> Booth C324 <b>SNIRTSTOPPER</b> Booth C435 <b>SOIL-MAX INC.</b> Booth C314 <b>SOLAR ENERGY SYSTEMS, LLC</b> Booth 19 <b>SOLID ROCK AG SOLUTIONS</b> Booth C234 <b>SOUTH BEND CHOCOLATE CO.</b> Booth 1147 <b>SOUTHEASTERN EQUIPMENT</b> Booth 251 <b>SPECIALTY HYBRIDS</b> Booth 43 <b>CORN, SOYBEAN, ALFALFA</b> Booth 1211 <b>LITERATURE DISTRIBUTION</b> Booth 53 <b>SPRAYTEC</b> LOBBY E1 <b>SPRINGFIELD PLASTICS</b> Booth 623 <b>STAR BANK</b> Booth 946 <b>STEEL TANK &amp; FABRRICATING CORP</b> Booth 1145 <b>STEFFEN GROUP THE</b> Booth C110 <b>STEINHOFFER SCALE CO.</b> Booth 1048 <b>STINE SEED COMPANY</b> Booth 78 <b>STOOPS FREIGHTLINER</b> Booth 931 <b>STOR-LOC</b> Booth 1218 <b>SUGAR CREEK AG</b> Booth 918 <b>SULLIVAN AUCTIONEERS</b> Booth 179 <b>SUNSTAR HYBRIDS</b> Booth 15 <b>SUPERIOR TURBO &amp; INJECTION</b> Booth 1239 <b>SWISS PERFECTION LLC</b> Booth 1045 <b>SYNGENTA CROP PROTECTION</b> Booth C214 <b>T. D. WALL INC YOUR LEADING TRAILER SOURCE</b> 2 Booth 71 <b>T.A.S. WELDING &amp; GRAIN SERVICES, LLC</b> Booth C330 <b>THORNE INSURANCE AGENCY</b> Booth C335 <b>TIMM SERVICES INC</b> C143 <b>TIMPTE INC</b> 553 <b>TIMPTE GRAIN TRAILERS</b> 1132 <b>TODD SCHAFER EQUIPMENT LLC</b> 563 <b>TOPEKA NEW HOLLAND INC.</b> 109 <b>TOW MART LTD</b> 1331 <b>TRACTION AG</b> 809	<b>TRAVIS BURKHART FOUNDATION</b> 270 <b>TRI STATE LIGHTNING PROTECTION &amp; PAINTING SERVICE</b> 36 <b>TRIPLE K IRRIGATION</b> 1108 <b>TRIPLE S REMODELING</b> 541 <b>TRI-STATES GRAIN CONDITIONING, INC</b> 551 <b>TROUBLE FREE LIGHTING, INC.</b> 902 <b>TTG EQUIPMENT CO.</b> 385 <b>ULTRA CLEAR</b> 65 <b>USA INSULATION NORTH CENTRAL INDIANA</b> 832 <b>USED PRECISION AG</b> 906 <b>VALENTINE FEED &amp; SUPPLY</b> 1332 <b>VALLEY TRUCK PARTS, INC</b> 1141 <b>VAN HORN BOLT SERVICE</b> 1311 <b>VETERINARY AND POULTRY SUPPLY</b> 14 <b>VTF SUNRISE, LLC</b> 1247 <b>VULCAN EQUIPMENT</b> 625 <b>WAGLER &amp; ASSOCIATES</b> 1322 <b>WAITT SYSTEM LLC</b> 151 <b>WAKARUSA NUTRITIONAL SERVICES LLC / WAKARUSA AG LLC</b> 379 <b>WALINGA USA INC.</b> 665 <b>WALKERHUGHES INSURANCE GROUP</b> C130 <b>WALTER’S BUILDING</b> 684 <b>WATERLOO HEAVY EQUIPMENT</b> 214 <b>WATERS AGRICULTURAL LABORATORIES</b> 1144 <b>WAYNE-VAUGHN EQUIPMENT</b> 171 <b>WD-40 COMPANY</b> 1245 <b>WECOVER STRUCTURES INC.</b> 1248 <b>WELDY ENTERPRISES</b> 1011 <b>WELLMAN SEEDS</b> 1004 <b>WELLS EQUIPMENT</b> 327 <b>WENZINGER FARMS - THE PORTABLE SEED AUGER</b> C415 <b>WESTERN STEEL BUILDINGS</b> 1136 <b>WILLIAMS EXPERT PIVOT</b> C325 <b>WILLIAMSON CROP INSURANCE</b> 1205 <b>WILSON TRAILER CO.</b> 589 <b>WINGFIELD MANUFACTURING, LLC</b> 629 <b>WISCONSIN CHEESE &amp; SAUSAGE CO.</b> 835 <b>WOLF CO-OP</b> 1235 <b>WOODCHUCK BEDDING SPREADER</b> 1222 <b>WOODMASTER</b> 1007 <b>WOWO NEWSTALK 1190</b> 82 <b>YODER OIL INC.</b> 67 <b>ZERK ZAPPER TOOL / HORIZON PRODUCTS</b> 1347
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# CAFOs are a concern for officials worried about Lake Erie runoff

By Kevin Walker  
Michigan Correspondent

LANSING, Mich. – Michigan officials have released a final report detailing the state’s plans to meet the goal of reducing fertilizer and manure runoff into Lake Erie by 40 percent by 2025.

The end goal of this mission is to reduce harmful algal blooms in Lake Erie, which are believed to be caused by excessive amounts of nutrients entering the shallow lake. “Lake Erie provides a highly important recreational resource for fishing and boating,” said Michigan Dept. of Natural Resources Director Dan Eichinger in an announcement. “We look forward to implementing landscape actions, such as wetland restoration, to help address the factors contributing to the harmful algal blooms.”

The report, called the Adaptive Management Plan, is a follow up to the Domestic Action Plan (DAP) report issued last year. There is also a DAP team of state officials working on the problem, which promises to get input from the public each year as well as input from a science advisory group that includes people from rural and urban stakeholders. From the state’s perspective, so-called best management practices are key to addressing the problem of too much runoff into the lake.

In an announcement on Dec. 17, Dept. of the Environment, Great Lakes and Energy Director Liesl Clark acknowledged the difficulty of meeting the goal laid out in the original report. “Reducing nutrient loads from nonpoint sources to achieve the 40 percent reduction goal by 2025 has proven to be very challenging,” she said.

Among its other plans, the Michigan Dept. of Agriculture and Rural Development (MDARD)

is planning to revive the federal Conservation Reserve Enhancement Program (CREP) to help achieve its environmental goals. According to the just released report, MDARD has received \$5 million in state funds to reinstate CREP to address algal blooms in the Western Lake Erie Basin, Saginaw Bay and Lake Macatawa watersheds. Of that amount, \$4.4 million will be used to leverage as much as \$45 million in federal funds from USDA for the installation and management of best practices that are proven to reduce nutrient runoff from farm fields.

Also, according to the report, there is continued concern over concentrated animal feeding operations (CAFOs) and how manure is managed at these businesses. Michigan officials have adopted new limits on manure spreading on farm fields. The new permit for CAFOs limits land application on frozen and snow-covered ground and eliminates surface application during the months of January, February and March. These months precede a time when runoff to surface waters is the greatest. It’s hoped that this approach will help ensure that nutrients in the waste can be properly placed and used by crops, the report says. The permit also makes changes to weather forecasting requirements, in the hope that this will better prevent land application before rain events.

The question is, will these and other best management practices be enough for the state to meet its 40 percent phosphorus reduction goal by 2025? Sandy Bihn of the Lake Erie Waterkeeper is skeptical. “In general, Michigan achieved half of its goal through changes at its Detroit wastewater plant,” she said. “It’s going to try to reach the rest of its goal by looking at other wastewater plants and at ag runoff.” Bihn would like a coordinated effort between Michigan, Ohio, and Indiana and have an effort overseen by the U.S. Environmental Protection Agency. She believes the underlying problem is the rise in concentrated animal feeding operations, which are large farms that house many animals and produce a lot of manure.

“The number of animals in the Maumee has gone up about 88 percent over the past 20 years,” Bihn added. “There are many more animals in the Maumee River watershed, which goes from Fort Wayne, Ind. to Toledo, Ohio. Best management practices have helped, because it’s reduced the amount of phosphorus on fields by about 40 percent, but at the same time the number of animals on those CAFOs is going up and offsetting the gains. Things are getting worse due to the increase in animal units.” Bihn also put blame on the recently opened Clemens pork processing plant in Coldwater, Mich. “This has caused a huge increase in the number of CAFOs in the area,” she said.

For more information on what Michigan is doing in the Western Lake Erie Basin or to view the Adaptive Management Plan report, visit [www.michigan.gov/lakeeriedap](http://www.michigan.gov/lakeeriedap).

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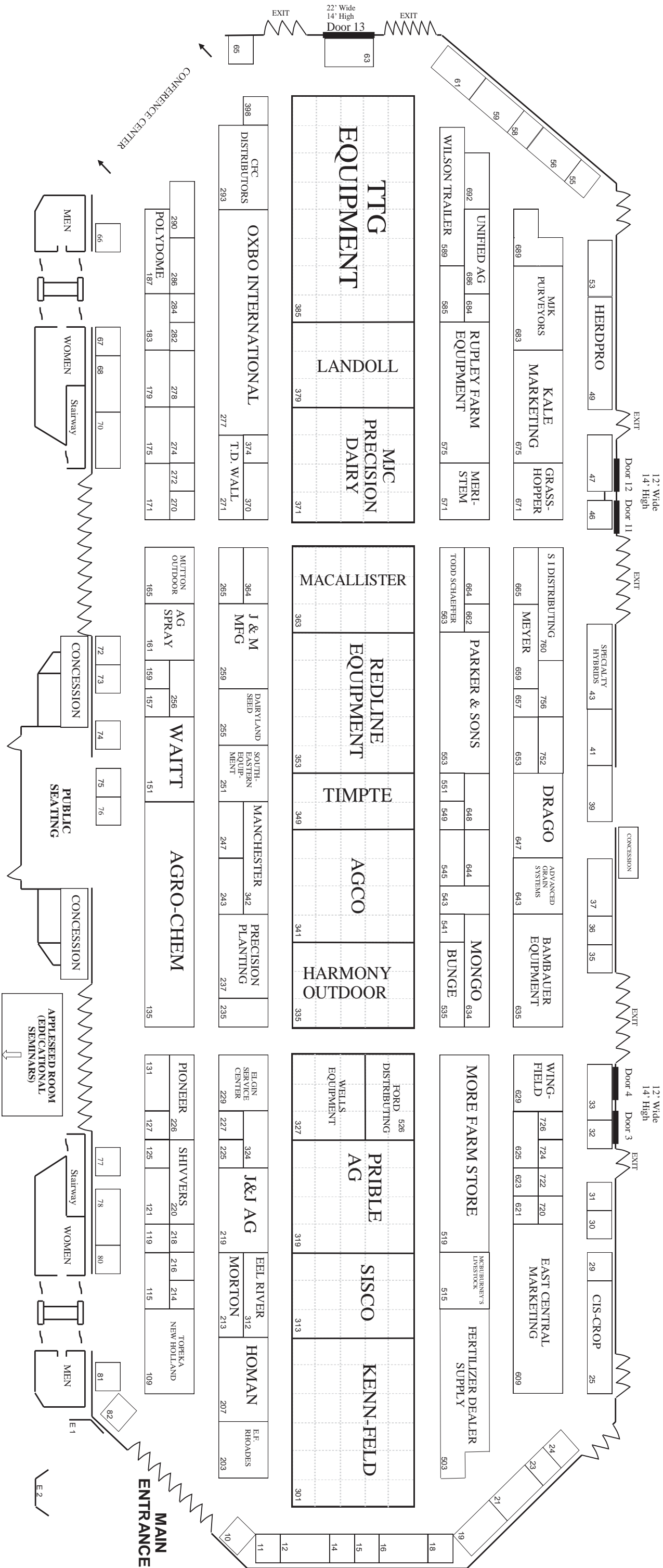


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# EXPO I

# Expo II

# Expo III



## Overhead Door Dimensions

**Door #3, #4, #11 & #12 are 12' wide x 14' high**

**Door # 13 is 22' wide x 14' high**

**10' wide x 10' deep Display Booths**  
**10' wide Isles**





2002 CIH MX240, 5,678 hrs., 18.4R46's, 14.9R34's, 5 rem, weights, MFWD, PS, 1000 pto ..... **\$76,900**



2005 John Deere 7320, IVT trans, 125 hp, 540/100 pto, 2 remotes, very clean!! ..... **\$59,500**



JD 850, 2,197 hrs, 4wd, ag tires, Very Nice!! ..... **\$9,750**



1988 Case/IH 1660, 2,671 hrs, one owner, chopper, rock trap, nice! ..... **\$23,900**  
CIH 1083 Corn Head ..... **\$9,500**



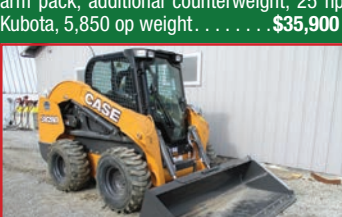
1994 CIH 1666, 4,481 hrs, chopper, rock trap, many updates!, Very Nice!! . . **\$34,900**



2012 Int'l Prostar, 345K miles, 10 spd, 3.55 ratio, 475 hp, Jake brake, alum whls, Nice!..... **\$39,900**



2019 Case CX26C, 19 hrs, 18" bucket, long arm pack, additional counterweight, 25 hp Kubota, 5,850 op weight ..... **\$35,900**



2020 Case SV280, Almost new!, cab, AC, standard hyd, aux hyd, 74 hp ONLY 30 hrs!, 84" bucket ..... **\$49,900**



1991 Ford LA8000, 217K mi, 7.8 L Ford dsl, 10 spd, 32K GVW, front alum whls . . **\$9,500**



2011 Int'l 7500, 326K miles, 330 hp MF9, 10spd, 3.42 ratio, air ride, Nice! ..... **\$29,900**



1988 Ford TW-15, 4,805 hrs, 3 rem, local retired farmer owned, ONE OF A KIND!, IM-MACULATE!! ..... **\$54,500**



2016 JD S660, 1,511/1,121 eng/sep hrs, duals, chopper, 22' unloading auger, bin ext, Very Nice Machine! ..... **\$179,900**



2008 JD 9570 STS, 2484/1784 hrs, 2wd, 3spd, 30.5-32's, L.L, TF, chopper, 20' auger ..... **\$97,500**



2006 CIH JX75, Only 559 hrs!!., cab, 4wd, loader, 1 rem, very nice!! ..... **\$39,900**



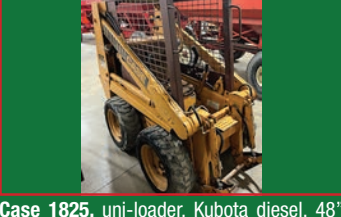
1998 CIH 8920, 4,002 hrs, QH, PS, 540/1000 PTO, 18.4-42's, 3 rem, front weights, 2WD, SHARP!! . . . . . **\$74,500**



1994 CIH 7220, 5,955 hrs, QH, PS, 2wd, 3 rem, 18.4R42's, front weights, SHARP!! ..... **\$67,900**



Case/IH 900, 6 row, dry fert, newer fert discs, NEW seed discs, 1000 pto pump, insecticide, monitor ..... **\$7,850**



1998 JD 1780, cast closers, no-till, 23 rows, 15" spacing, markers, Compu Trak 250 monitor. .... **\$29,500**



JD 7000 6 row planter, finger pick up, insecticide, herbicide, liquid fert, Yetter fert openers, monitor, Nice! ..... **\$13,500**



Marliss 15, 8" spacing, 15' width, 2 bar harrow, coulter cart, low acres, nice! . . . . . **\$11,500**



JD 7200, 6 row, liquid fert, finger pick up, no-till, insecticide, monitor, NICE! ..... **\$16,900**



2013 Int'l Prostar, Only 185K miles!, 430 hp, 10spd, NEW 10' Galion steel dump bed ..... **\$48,900**



1987 Ford LN8000, 248K miles, 3208 CAT, 250 hp, 10 spd, Hendrickson, air lift tag + pusher, 22' steel bed, hoist, NEW front tires, Immaculate original truck!! ..... **\$57,900**



2010 CIH 7120, 2877/2169 hrs, 2wd, contour, rock trap, power fold bin, long auger, round bar concave, chopper, PRO 700 display ..... **\$97,500**



1983 Int'l S1900, DT-466, 13 spd, 20' Scott grain body, NEW Agri-Cover SRT tarp, Hendrickson susp, Good Runner!, No Rust! . . . **\$22,900**



2014 Kenworth T800, 308K miles, Paccar 455hp, 8LL, 20"F / 46R, steerable 3rd axle, 16' dump, Super Sharp!! ..... **\$124,900**



1994 Western Star 4900, 18' Scott bed, tarp, 3406 Cat 425 hp, alum whls, New front drive axle tires in 2021 ..... **\$41,900**



Case 1825, uni-loader, Kubota diesel, 48" bucket, pallet forks, very nice! . . . **\$10,900**



1998 GMC C6500, ONLY 49K MILES!, CAT 3116, alum whls, 23,900 GVW, 18' bed with fuel tank, local one owner, always garaged! . . . **\$39,500**



2002 Int'l 4400, 176,723 miles, DT-466, 6spd Fuller, 16' Reiten alum bed, Very nice low mile truck!! ..... **\$54,500**



Brent HVC2000, 28", C-shank, 6 bar spike drag, walking tandems, LOW ACRES!..... **\$18,900**



Case/IH 9950 disc, 25' width, 7.5" spacing, local retired farmer, low acres, very nice . . **\$22,900**



2001 Int'l 9200, ISM Cummins, 10spd, air ride, 52K GVW, alum whls, pre-emission truck! ..... **\$32,900**



Kongsilde 2800, 18", double bladed baskets, HD 2 piece K-tine, new shovels, Very Nice! ..... **\$29,500**



Great Plains 1005NT, 10' width, no till, harrow, markers, like new! ..... **\$26,900**

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