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Above: These bald eagles were photographed recently near Arlington, Ind.

Corn grower sets record at 616.2 bushels per acre

BY DOUG GRAVES
Ohio Correspondent

CHARLES CITY, Va. – They say the third time is the charm. But a fourth?

David Hula of Charles City, Virginia set his fourth world record with an irrigated corn yield of 616.20 bushels per acre (bpa) in the National Corn Grower's annual National Corn Yield Contest. Hula captured this feat last growing season as well. Hula captured the title in 2013, 2015 and 2017.

"The excitement is still there, but trust me, I have failed more than most," admitted Hula, who farms in eastern Virginia. "The genetics are improving and you just keep pushing the envelope to see just what the possibility can be and what the theoretical limit of the corn hybrids are. It's mind-boggling."



Above: Kevin Kalb of Dubois, Indiana finished first in the Ridge-Till, Non-Irrigated category of this year's National Corn Yield Contest. Kevin came in from the field at 394.49 bushes to the acre while his wife, Shawn, was right behind at 320.7 bushels per acre. (photo submitted)

(Corn grower continued on page 2)

Hedging is required to improve the bottom line

BY LAURIE KIEFABER
Indiana Correspondent

INDIANAPOLIS — Hedging and learning how to hedge the markets can be challenging at the start, but not impossible, according to Lannie Cohen, president of Capitol Commodity Hedging Services Inc. in Indianapolis, Ind.

Cohen talked about "Taking the



Guesswork Out of Hedging" at the Indiana Farm Equipment and Technology Expo Dec. 18. "Producers have to take advantage of spring rallies and they have to decrease their risk or they're just not going to make it," Cohen observed. "... Every spring there's a weather scare."

In earlier days when grain and other commodities were taken to Chicago, it was a lot easier for producers to understand the markets, Cohen said. Risk factors were supply, demand and weather.

Producers often used (and still use) a tool called Basis to sell commodities, which relies more on supply and demand. Basis is the cash price for selling a commodity (at a local elevator, ethanol plant or other location) minus the futures price. Purdue University offers a tool online which

Left: Lannie Cohen, president of Capitol Commodity Hedging Services Inc. in Indianapolis, Ind., spoke about taking the guesswork out of hedging at the Indiana Farm Equipment and Technology Expo Dec. 18. (Photo by Laurie Kiefaber)

shows the current Basis for each county in Indiana.

But now the risk factors include flooding/drought, production, price, world currency risk and world trade, Cohen said. The three most dangerous trends right now are China tariffs, the US dollar risk and hedge funds being erratic.

"It is more relevant now than ever to hedge given the risks," Cohen said. "Producer hedging involves selling futures contracts as a temporary substitute for selling in the local cash market. Hedging is a temporary substitute, since the grain will eventually be sold in the cash market."

Cohen follows crop reports and market prices regularly so he can use "put options" during a 40- to 50-cent rally in the market. A put option is a contract that provides the purchaser the right (but not obligation) to sell a

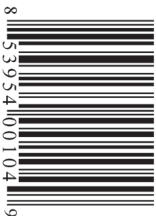


Above: Lannie Cohen, president of Capitol Commodity Hedging Services Inc. in Indianapolis, Ind., far right, listens to Romney, Ind. farmers Bob Devault and Matt Gaskin at the Indiana Farm Equipment and Technology Expo Dec. 18. (Photo by Laurie Kiefaber)

futures contract at an agreed price at any time during the life of the option, according to ccstrade.com. A put option is purchased in the expectation of a decline in price.

The longtime hedger looks for triggers in market prices and tries to buy four sets of puts—one per 10-cent

(Hedging continued on page 2)



**SCENES FROM THE INDIANA FARM
EQUIPMENT AND TECHNOLOGY
EXPO - PAGE 4B-5B**



IN THIS FARM WORLD:

- Cattleman's annual meeting to feature Mark Gardiner, Ethan Lane . . . Page 2
- 2019 was a tough year for American Sugar producers Page 2B

Cattlemen’s annual meeting to feature Mark Gardiner, Ethan Lane

MARYSVILLE, Ohio – The Ohio Cattlemen’s Association (OCA) will feature speakers Mark Gardiner and Ethan Lane at its annual meeting and banquet on Saturday, Jan. 11, at the Nationwide Hotel and Conference Center in Lewis Center, Ohio.

Gardiner, president of Gardiner Angus Ranch in Ashland, Kan., will be featured during the opening luncheon at 11:30 a.m. Gardiner Angus Ranch is a family-owned operation and leading Angus genetics business located near the Oklahoma Panhandle. The family has developed an embryo transfer program that makes over 3,500 transfers a year, making it one of the largest of its kind in

the world. The ranch presently consists of over 48,000 acres and breeds more than 4,500 head of Angus females each year and calves about 2,000 cows each fall and spring.

Gardiner graduated with a bachelor’s degree in animal sciences and industry from Kansas State University in 1983. He is active in the Beef Improvement Federation and is also a former President of the Kansas Angus Association. In his presentation Gardiner will share his outlook for the future of the beef industry and relate his vision to Gardiner’s daily ranch operations and future goals.

Additionally, Ethan Lane, Vice President of Government Affairs for the

National Cattlemen’s Beef Association (NCBA), will be the featured speaker during the OCA Annual Meeting at 1:30 p.m. Lane is a fifth generation Arizonan with more than 20 years of experience in natural resources, land use issues, and advocacy on behalf of the cattle industry.

Prior to his current role, Lane was the Executive Director for the Public Lands Council (PLC) and Senior Executive Director of the NCBA Federal Lands portfolio. Before joining PLC and NCBA, he operated a consulting firm where he worked on multiple high profile political campaigns and advised a variety of private companies and industries on regu-

latory and legislative issues impacting their businesses. In his presentation, Lane will provide a legislative briefing related to OCA and NCBA policy priorities.

The registration deadline for the meeting is Jan. 3. Visit www.ohiocattle.org to register online. OCA’s annual meeting is free for OCA members to attend however the luncheon and banquet are ticketed with a price of \$100 for one OCA member full-day registration, \$45 for the luncheon and \$60 for banquet. A child’s banquet meal can also be purchased for \$15. For non-member registration information, visit the OCA website or contact the OCA office.

Hedging

FROM PAGE 1

increase in price. “I use put options to put a floor underneath the market,” Cohen said. “If you buy puts, it removes emotion ... If you lose on puts, you gain on cash crops.”

While following market prices, Cohen said it’s crucial to know the break-even price on the cost of production.

Cohen does not recommend storing grain because it ties up a lot of money, there are insurance and storage costs,

weight loss and exposure to price declines. “Instead, sell it and go long on the board if you want to try for higher prices,” he said.

The Indiana University graduate said conditions for grain and other commodity sales are improving with the China trade commitment to buy an additional \$32 billion of American ag products over two years, US corn prices being the lowest on the world market and US exporters booking their fifth biggest corn sale ever to Mexico at 1.6 million tonnes this past week.

“The China trade deal is not money

in the bank, but I think they’ll do it,” Cohen said.

After his presentation, Cohen said he’s happy to talk with anyone who has questions about the markets and hedging. Matt Gaskin and Bob Devault, Romney, Ind. farmers, talked with Cohen and discussed their challenges in following the markets.

“We farm about 2,200 acres (of grain) and watch the (market) numbers so we don’t have to farm 5,000 acres,” Gaskin said.

Gaskin and Devault employ some of Cohen’s strategies, attending about five marketing presentations each

year. Gaskin tries to use information from all of them, checking prices every day and hourly when he’s really looking at the markets to sell or buy.

The Romney farmer and former insurance agent said he understands why lots of farmers don’t follow the market, simply selling grain at market prices and using their grain bins as a marketing tool. “There’s so much uncertainty with what we do ... the marketplace is just one more uncertainty.”

For more information, visit www.ccstrade.com or call Cohen at (800) 876-8050.

Corn grower

FROM PAGE 1

Ideal weather conditions, Hula said, are an added plus.

“Unlike the rest of the country, we didn’t have a weather disaster this year,” Hula said. “The springtime could not have been more ideal.”

Hula’s winning field had 52,000 plants per acre. He performed grid-sampling for soil nutrient levels and conducted weekly tissue samples. He also added precisely timed nutrient applications.

This year the contest produced 27 national winners in nine separate production categories. Bridget Dowdy of Valdosta, Georgia produced the second highest yield with a conventional, irrigated cornfield that hit 552.97 bpa.

The competition was divided among corn belt state division (Illinois, Indiana, Ohio, Iowa, Minnesota, Missouri and Wisconsin) and non-corn belt state division. Contestants from the *Farmworld* readership area were well represented in both divisions.

First in the Ridge-till, non-irrigated category went to Dominick Santini of Phillipsburg, New Jersey at 339.09 bpa. Leaders in this category for those in the corn belt states were Kevin Kalb and Shawn Kalb, both of Dubois, Indiana. The husband and wife team reaped 394.49 and 320.7 bpa respectively.

In the no-till, non-irrigated category, first place went to Drew Haines of Middletown, Maryland at 422.35 bpa while in the no-till, non-irrigated category in the corn belt states first place went to Matthew Swanson of LaHarpe, Illinois at 330.43 bpa.

In the conventional, non-irrigated category, first went to Heath Cutrell of Chesapeake, Virginia at 381.47 bpa.

First place for conventional, non-irrigated growers in the corn belt went to Ben Price of Chillicothe, Missouri at 323.06 bpa.

In the conventional, irrigated category, Bridget Dowdy of Valdosta, Georgia was first at 552.96 bpa.



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2008 JD 7230 Premium, 706 Hrs., 3 Rem., JD Auto Trac Steering, 1 Owner, **\$84,500**



2012 JD 7215R, 1989 Hrs., Very Good Tractor, 3 Remotes, **\$99,900**



2006 JD 6715, 922 Hrs., 2WD, 16 Spd. PQ w/LH Rev., 2 Rem., **\$52,500**



2004 JD 6415, 441 Hrs., 12x4 Synchro Plus Trans., 2 Rem., **\$44,800**



2001 JD 6320, 2664 Hrs., MFWD, 16 Spd. PW w/LH Rev., 2 Rem., **\$48,500**



2005 JD 6320, 496 Hrs., 16 Spd. PQ w/LH Rev., 3 Rem., R&P Axle, **\$52,500**



2013 JD 6105D w/JD H410 Ldr., 807 Hrs. w/IH Reverser, **\$51,500**



2016 JD 6155M, 1415 Hrs., 20 Spd. PQ Trans. w/LH Rev., R&P Axles, **\$82,500**



2002 JD 6120, 3020 Hrs., 16 Spd. PQ w/LH Rev., 2 Rem., JD 640 Ldr., Joystick Cont., **\$43,500**



JD 6110M, 2205 Hrs., 16 Spd. PQ w/LH Rev. w/Creep Gear, 3 Rem., **\$43,500**



2012 JD 5100M, 32 Spd. Trans. w/LH Rev. & Hi/Low Shift on the Go, 1893 Hrs., H310 SL Ldr., **\$52,900**



2015 JD 5100E, 55 Hrs., ROPS w/Canopy, 12x12 w/LH Rev., Ldr Ready, **\$39,500**



1990 JD 4455, 2WD, 446 Hrs. Showing, Quad Range, 540/1000 PTO, 2 Rem., **\$31,800**



1986 Ford 4610, Ser. II, 4460 Hrs., 2 Rem., **\$10,900**



1994 Ford 3930, 664 Act. 1 Owner Hrs., 1 Rem., 8x8 Trans. w/LH Rev, 7310 QA Ldr., **\$23,500**



2012 NH T6070 plus, powershift w/LH reverser, 715 act hours, 1 owner, very nice, **\$66,500**



2014 Kubota M9960, 834 Hrs., 12x12 6 Spd. w/Hyd. LH Rev., 2 Rem., LA1353 NSL Ldr., **\$42,800**



2005 Kubota M95s, 32 Spd. Trans w/LH Reverser, Hi Lo Shift, 1670 Hrs., **\$29,800**



2007 CHALLENGER MT525B, 3196 Hrs., 24 Spd. DynaShift w/LH Rev., 3 Rem., **\$39,500**



2013 Challenger MT575D, CVT Trans., 2709 Hrs., Cab Susp., 18-46s w/Duals & Wts., **\$69,500**



2004 Challenger 565B, CVT Trans., 2588 Hrs., 18-42's w/Duals, **\$52,500**



1964 OLIVER 1600 High Crop, Dsl., 12x4 w/Hydra Power Trans., **\$14,800**



2017 MF 4610M, 646 Hrs., 12x12 Trans. w/LH Rev., 2 Rem., 931X NSL Ldr., Warr Till 5-29-23, **\$39,500**



2014 Bobcat A770, 895 Hrs., 2 Spd. Trans., All Wheel Steer, High Flow Hyd., **\$47,500**



2016 YANMAR T175-1, 1579 Hrs., Open Rops, 2 Spd., Aux. Hyd., 72" Bkt., 12½" Tracks, **\$25,800**



2004 CAT 939C, 4181 Hrs., ROPS, Orig. Paint, 16" Pads, 84" Bkt., **\$37,500**



2004 CAT D5N, 5022 Hours, New Pads, 6-Way, Undercarriage 75%, **\$62,500**



2007 DITCH WITCH RT95, A920 Backhoe w/4 Way Blade & M910 Trencher, 762 Hrs., **\$28,500**



2012 Komatsu PC290LC, 4232 Hrs., 32" Pads, 44" Bkt, Manual Thumb, **\$110,000**



2015 Wacker Neuson WL60, CHA, 478 Hrs., Hi-Flow Hydr. **\$54,500**



Nissan CYB02L-25S, Electric Forklift, 5000 Lb. Cap., **\$6,800**
2010 CAT 2EP6000, Electric Forklift, 2379 Hrs., **\$14,500**



2016 Kobelco SK350LC-9, 2541 Hrs., **\$128,500**
2016 Kobelco SK350LC-10, 2985 Hrs., **\$149,500**



2019 CHEVY 3500HD, 37,226 Mi., 4WD, Duramax, Allison, 6 Spd., Auto., **\$48,500**



2003 Jeep Wrangler Rubicon TJ, 4X4, GM406 Sm. Block Eng., Jones Racing Alt, 350 Turbo Auto Trans., **\$17,800**



2016 Kubota U55-4, 353 Hrs., **\$49,500**
2011 Bobcat E42, 2028 Hrs., **\$32,500**



East Texas Fuel Trailer, Approx. 800 Gal., (2) 6000 Lb. Axles, EZ Lube Axles, Rec on Rear, Enclosed Storage for DEF Setup, **\$7,900**



2006 Genie GTH 1056, 2895 Hrs., 10,000 Lb. Lift, 56' Boom Reach, **\$52,800**



2003 JD 7220, 4608 Hrs., Tiger SA Mower, **\$39,500**
2002 JD 6330, 6265 Hrs., Tiger SA Boom Mower, **\$28,500**



2013 5085M w/Alamo Flail Mowers, 1778 Hours, **\$48,500**



2006 NH TB100, 8 Spd. Trans., 2 Rem., Alamo Boom-Axe, 60" Side Arm Mower, **\$26,500**



2002 MF 6255, 2809 Hrs., Dynashift, 32 Fwd/Rev Gears, LH Rev., Little & Co. Side Arm Mowers w/20' Boom, **\$39,500**

Young people face barriers when it comes to farming

Editor's Note: This is a new column for Farm World geared toward younger farmers. It will feature words by younger farms or stories about younger farmers. If you would like to contribute to this column or if you know someone who should be featured; please send an email to Connie Swaim at connie@farmworldonline.com

When it comes to agriculture, the United States is at a critical crossroads.

In November, U.S. Secretary of Agriculture Sonny Perdue, at a dairy expo in Wisconsin, said that small farms will likely not survive as the “big get bigger and small go out.” These comments came on the coattails of a devastating growing year for many farms as a result of a multitude of contributing factors.

But as corporate farm entities continue to swallow-up smaller commodity growers, concerns over climate change and destructive farming practices have simultaneously resulted in a burgeoning demand for small, local and sustainable agriculture. As the farming population continues to age, there is an underswell of eager, young farmers ready to get on the land — signaling a potential paradigm shift in land access and management.

Many factors made this a unique growing season. This spring we saw record flooding in the north-central U.S. Much of lower Michigan did not get crops planted until late June, if at all. As a result, our Michigan USDA Natural Resources Conservation Services promised up to \$3.9 million dollars in financial aid to farmers across the state to plant cover crops to protect their soil from erosion and weeds for the remainder of the year.

Unfortunately, a wet spring wasn't the only thing that plagued farmers. In other parts of the country, farmers grappled with extreme drought, wildfires consumed orchards and fields, and extreme pest and disease pressure ran rampant. Additionally, the trade war with China has resulted in many agriculture sectors scrambling to find end markets for their products. Locally, our cherry farmers have been up against an international trade war on cheap cherry imports, extreme pest pressure from the invasive Spotted-Wing Drosophila (SWD), and issues with getting enough reliable labor to get the work done.

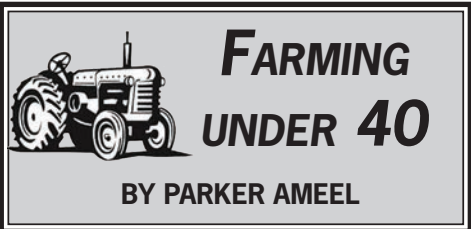
If the inherent issues of climate change and profitability in the marketplace were not problematic enough, we have a crisis of farmland succession.

According to the USDA, the average age of a farmer is 58 years old. It is estimated that 70 percent of farmland will change hands in the next 20 years. In northern Michigan alone, 83,000 acres will potentially change hands in the next 10 years, according to the Food & Farming Network.

It is no secret that northwest Lower Michigan is a popular tourist destination, due in part to our beautiful landscapes and agriculturally productive countryside.

That fact alone is a double-edge sword.

Couple the current agricultural woes with development pressure, and families are starting to need to make some hard decisions about the future use of the land they have loved and tended. For some, it's going the path of farmland preservation, but others are finding it increasingly necessary to parcel off their land for



non-agricultural development.

There's good news in all of this: Young people want to farm and there's land that needs to be farmed.

But most beginning and aspiring farmers are first-generation farmers who didn't grow up on a farm. As a result, many barriers face aspiring farmers in their efforts to begin growing food.

One of the big issues is finding start-up capital to access the land, equipment and infrastructure needed to be successful. New agri-business ventures often are seen as “high-risk” to lenders and loans

are rarely given out. Some other common issues are: the learning curve that comes with not having an extensive farming background, not having a well-established market for products, and not having the necessary business acumen and training needed to run a profitable farm.

In the coming years, our challenge as a community will be how to preserve our vibrant, agricultural heritage by nurturing and supporting a new generation of resilient farmers.

To successfully transition farmland in Northern Michigan will require creative solutions that go beyond the traditional constructs of farm ownership and operation.


As consumer demand for regenerative and sustainable farming practices increase, we have a unique opportunity to transform our region into a national model for

localized food production, access, and security.

Lastly, by fostering new and existing initiatives to provide the resources and tools aspiring farmers need, we can help keep farms in production, our food systems localized, and our soils fertile.

Parker graduated from Northern Michigan University with a B.S. in Environmental Conservation and a minor in Alternative Energies. Since graduating in 2014, he has lived and worked on a community organic farm in northern Wisconsin and most recently, as an associate and crew leader for a sustainable landscape design and installation company based in Chicago. At the company he specialized in native and edible landscape design, water management, urban farm systems, and greenhouse construction.

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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
Was the attorney raised on a farm?	Yes	?
Is the attorney a farmer?	Yes	?
A member of the National Ag Law Association?	Yes	?
Trained through the International Farm Transition Network?	Yes	?
Is the attorney's office located on an active farm?	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.

Visit www.thefarmlawyer.com to see how John can help you, or call him at 260-351-4440

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VIEWS AND OPINIONS

Get rid of this guy



FARM AND FOOD FILE
By Alan Guebert

When readers of this weekly effort take the time to write me a letter or email, it's a safe bet they want to have the final word on whatever riled them to write. I'm fine with that.

In fact, because of their remarkable diligence, I turn this space over to reading writers every June and Dec. so everyone might enjoy some of the more colorful ways people think I should spend my time other than writing.

Take Joe from Ohio who was so steamed about a mid-July column on climate change that he wrote (in all capital letters) "...we totally reject your columns because of your evil hatred of President Trump!! If we were the editor (of this newspaper) we would kick you out the first minute."

Five months later, another email arrived from Ohio—this one didn't include a name, only an email address—equally steaming: "These are not news articles but paragraphs of Trump- and Republican-bashing. Get rid of this guy."

A similar, but much longer, email from Bill arrived in October to—correctly as it turns out—note that my column isn't a "news article" at all. In fact, wrote Bill, "Funny how I can tell your political affiliation from the content of the article and the slant of your opinions. This would not have been tolerated 40 or 50 years ago..."

In fact, Bill, it would have been tolerated because the Farm and Food File began as an opinion column 26 years ago and remains an opinion column. It wouldn't be much of an opinion column if it didn't include an opinion—like yours just now.

Several emailers thought columns that dissected the White House's trade policies weren't just wrong, they were downright unpatriotic. In attempting to make that argument, however, Norm from Indiana gave me more credit than I either possess or deserve.

"AG, if you spend just a little time explaining how the Chinese Commies have been ripping off the USA instead of attacking the President, perhaps they would be more willing to come to a trade agreement."

Well, Norm, I can certainly give it the old US of A try. I wouldn't count on the "Commies" changing soon because of me and my musings, though.

John from New York wrote to make a similar point but he got lost in the ongoing tariff tangle that is U.S. trade policy. "Trump is the FIRST PRESIDENT that has acted to end these tariffs. See what our President is fighting for?"

Not really, John, but then again I'm focused on converting communists into socialists right now.

Not all correspondence contained suggestions on when, where, and how to fire me. Most, in fact, contained warm praise and good wishes. David, for example, emailed on July 18 to say, "I'm sure you get lots of negative feedback, so I want to say I always enjoy your columns."

Joe, from Florida, seconded Dave's motion with more enthusiasm. "You are one of the top

(Farm and Food continued on page 5)



The "4 Es" to take with you to a county commissioner meeting

I recently received an email from a reader who is preparing to offer testimony at an upcoming county commissioner meeting.

In this particular situation the concerned producer and her farming/ranching neighbors are facing increased regulations in the county that would place limitations on building homes, grain buildings or outbuildings on their private property.

Additionally, the county wants to restrict existing livestock operations from growing their businesses to a larger scale. The county wants to place "nuisance" ordinances on these agricultural enterprises, and they want to restrict the number of animals allowed on any given parcel of land.

Worst of all, this county wants to impose criminal charges and penalties if any of these ordinances are not complied with. These burdensome restrictions are, of course, meant to drive producers out of this county. Yet, all these ordinances actually achieve is ending small rural businesses, raising the cost of food prices and ultimately leading to more imports of foods from other countries.

This isn't an isolated incident. All across the nation, farmers and ranchers are facing similar battles as activists infiltrate rural communities and use emotionally-charged rhetoric and fear mongering tactics to create mass hysteria and public hostility toward the producers who are part of the fabric of these small towns.



BRIDGING THE GAP
By Amanda Radke

And as agonizing and frustrating as these situations are, we must remain calm in the face of such direct threats to our livelihoods.

So how should we frame our testimonies at county commissioner meetings? Here are my "4 Es" for building a solid message to present your case at the next public forum.

The "4 Es" include:

Economics

Your family farm is a business in the community, the same as the main street florist shop, the locally owned gas station or grocery store, the little cafe on the corner and the tractor implement. As a business, know your numbers. What do you pay in taxes each year to support the town, ensuring safe roads, funded schools, etc? What does it mean for other small business owners that your family's farm is in the community? Are you a regular patron of these other family-owned enterprises?

Environment

There's a common misconception that farmers and ranchers are destroying the planet. What can you say to negate this perception? What does your family do to sustainably take care of the natural resources on your land? Do you practice rotational grazing? Plant cover crops? Maintain buffer strips and wetlands? Apply manure (which can be seen

(Bridging the Gap on page 6)

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www.farmworldonline.com

Contacts

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

TONI HODSON, Associate Publisher, ext. 280
E-mail: thodson@farmworldonline.com

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

ADVERTISING DEPARTMENT

TONI HODSON, Adv. Manager, ext. 280
E-mail: thodson@farmworldonline.com

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Bridging the Gap

FROM PAGE 5

as a negative because of the smell), but the pro is you're promoting soil health with each application of manure. In a nutshell, how are you promoting planetary health while providing food for the world?

Enrichment

How do you enrich the community by being part of it? Are you kids involved in 4-H, FFA, sports, band and theater? Are you active members of the local church? Do you volunteer in community service efforts? Is your family one that is known to be kind, level-headed and having strong moral character? If you are forced out of business, will your absence in the community be felt? Explain why.

Emotion

Even though this reader was worried about showing emotion, sharing your personal stories can be incredibly powerful? What did your grandfather or great grandfather overcome or sacrifice to plant roots in this community? What drives your family to continue this legacy in agriculture? What do you wish your friends and neighbors understood about what you do? What misconceptions are out there about the way you manage the land or livestock?

Emotions can quickly cloud our thoughts, so I encourage folks facing a situation like this to have your statements typed out to ensure you convey the exact message in these high-stakes meetings. Being calm, collected, rational and factual is important, but being vulnerable is good, too. Show people what's in

your heart; your story matters! It's unfortunate that so many are facing uphill battles like this; however, if we are to be effective in saving our family farms and ranches, we must be strategic in how we approach these delicate

conversations. Have you faced a similar challenge? How did you approach it? And how did it turn out? Email me at amanda.radke@live.com and share your stories.

Farm and Food

FROM PAGE 5

five writers in the U.S.! You get the message out through the lines!" Thanks, Joe! Another emailer, Roy from Nebraska, was nearly as effusive: "First, I love your column. Next, I don't know how you do it... You are spot on in my opinion..." What's more, adds Roy, "Since

when is the definition of a good Lutheran farm boy one that covers his eyes and sticks his head in the ground?" Amen, Roy. There's enough of that going around already and, in 2020, we don't need more sand in our eyes, ears, and gears. We will, however, need more cards, letters, and emails because, honestly, the June "letters" column that you'll need to write is just around the corner. So, Happy New Year and happy writing! Yes, even to my fiery friends in Ohio.



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Population shifts impact rural American communities

BY RACHEL LANE
DC Correspondent

Washington, DC — For decades, the population in parts of rural America has been in decline and that can have serious impacts on those communities.

A recent report by the ERS focused on population movement after the 2009 Great Recession. Between 2010 and 2018, counties with large cities or near cities had increasing populations. This was also the geography of the country that saw the fastest employment growth.

Employment grew in all areas studied except rural, non metro counties, the report found.

John Pender ERS Economist said rural US, non metro regions, has actually seen a population increase of less than half a percent since 2016.

Most of the people moving around the country are young adults, said Ken Johnson, senior demographer at the University of New Hampshire, Carsey School of Public Policy. They leave rural areas, often for job opportunities, but their leaving has a compounding effect on the population.

They are not there and now any children they might have will not be born in the rural counties, either, he

said.

“I can’t think of any time people are happy about the population getting smaller,” Johnson said.

Sometimes people will suggest it is better for the environment to have fewer people living in rural areas. Recreational counties, with lakes or mountains, may be relieved that the growth of the county’s population has slowed down, but almost no one thinks it’s good that the population is getting smaller.

With fewer young adults, there are fewer children in the schools. Schools might have to consolidate with the school that has been the rival for decades, he said.

There is less of a tax base to help support local utility services or the development or repair of existing utility services. Rural hospitals will get rid of the labor and delivery department because not enough babies are being born to justify the personnel and pregnant women will have to travel farther to get to a hospital.

“Who’s going to stay up at the volunteer fire department, be leaders of the clubs that are the social fabric of the communities?” He asked.

Previously, rural America made up for the population leaving by the babies being born, but the recession

decreased fertility rates across the country by 10 percent. “It’s like a perfect storm, fewer people moving in and fewer births,” Johnson said.

The recession did impact the migration of people, he said. Fewer people were moving around the country and places that typically lost more of their population lost fewer people while counties who gained population, gained fewer.

Now that the recession is over, the population is moving again. People are moving to the edges of metro areas, where they can easily commute for a job, but not need to live in an urban community.

Johnson said the Carsey School recently released a report that one-third of rural counties reached the maximum population in the 1950s and have lost 25 percent of the population since then. “For those places, the problems are much more magnified,” he said. The population of those counties is older and there aren’t enough young caregivers to offer support to the community members, he said.

There are outlier counties, he said, but most of those counties have a large employment opportunity: a university, prisons, military base or hospital. If two interstate highways

cross there are transportation and warehouse needs for those products. They are microcosms. Recreational opportunities are another job creator. Communities are working hard to attract new residents - or former residents. They focus on what makes the community compelling, something original that can only be found there, like a museum, Johnson said. It makes the community more attractive to young adults.

Another potential draw is access to hi-speed internet access. If a company is looking to expand, the first question they used to ask was the capacity of bridges. Now the first question they ask is the internet capabilities, Johnson said. If a community can’t provide adequate internet, the company will go somewhere else.

Internet access also plays a part in attracting individuals. People might be able to work from home and live further from the office they work for, but they can’t do that without a network in place, he said.

There have been reports that indicate people are leaving the rural areas in their 20s but want to return in their 30s when they have children. “They’re realizing it isn’t such a bad place to raise children,” he said.

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MARKETS

Estimated Daily Livestock Slaughter Under Federal Inspection

	Friday, December 27, 2019			
	CATTLE	CALVES	HOGS	SHEEP
Friday 12/27/2019 (est)	122,000	2,000	483,000	7,000
Week ago (est)	116,000	2,000	486,000	7,000
Year ago (act)	116,000	3,000	467,000	8,000
Week to date (est)	385,000	7,000	1,618,000	26,000
Same Period Last Week (est)	602,000	11,000	2,459,000	38,000
Same Period Last Year (act)	351,000	10,000	1,464,000	33,000
Saturday 12/28/2019 (est)	83,000	0	416,000	1,000
Week ago (est)	66,000	0	351,000	1,000
Year ago (act)	91,000	0	438,000	2,000
Week to date (est)	468,000	7,000	2,034,000	27,000
Same Period Last Week (est)	668,000	11,000	2,810,000	39,000
Same Period Last Year (act)	442,000	10,000	1,902,000	34,000
2019 Year to Date	32,833,000	572,000	128,289,000	1,991,000
2018 *Year to Date	32,445,000	570,000	123,302,000	1,991,000
Percent Change	1.2%	0.4%	4.0%	0.0%
2019 *Totals subject to revision				
2018 *Totals adjusted to reflect NASS revisions				
Yearly totals may not add due to rounding				
Previous Day Estimated	Steer and Heifer	Cow and Bull		
Thursday	95,000	25,000		
Revised Thursday Sheep Slaughter . . . 8,000 New Thursday Week-to-Date . . . 19,000				
Source: USDA Livestock, Poultry, and Grain Market News Division, St. Joseph, MO				
816-676-7000 E-mail: stjoe.lpgmn@ams.usda.gov				
www.ams.usda.gov/mnreports/SJ_LS710.txt				
www.ams.usda.gov/market-news/livestock-poultry-grain				

Kentucky Barge Report

Friday, December 27, 2019				
Spot bids to producers at selected barge loading terminals on the Ohio and Mississippi Rivers, Kentucky and Barkley Lakes.				
US NO 2 YELLOW CORN				
	Bids	Change	Basis	Change
Purchase	3.8800-4.0200	UP 1.5	-2H to 12H	UNCH
Lower Ohio	3.9800-4.0200	UP 1.5	8H to 12H	UNCH
Upper Ohio	3.8800-3.9500	UP 1.5	-2H to 5H	UNCH
US NO 2 WHITE CORN				
	Bids	Change		
Purchase	4.9000	UP 2		
Lower Ohio	NA	NA		
US NO 1 YELLOW SOYBEANS				
	Bids	Change	Basis	Change
Purchase	9.4550-9.5950	DN 8.25	16F to 30F	UNCH
Lower Ohio	9.5150-9.5650	DN 8.25	22F to 27F	UNCH
Upper Ohio	9.4450-9.4650	DN 8.25-DN 7.25	15F to 17F	UNCH-UP 1
US NO 2 SOFT RED WINTER WHEAT				
	Bids	Change	Basis	Change
Purchase	NA	NA	NA	NA
Lower Ohio	NA	NA	NA	NA
Upper Ohio	NA	NA	NA	NA
US NO 2 SORGHUM 58 LB BU				
	Bids	Change	Basis	Change
Lower Ohio	3.9500	UP 1.5	5H	UNCH
Purchase	NA	NA	NA	NA
Opening Contract Prices for Contract delivery				
US NO 2 YELLOW CORN				
	Bids	Change	Basis	Change
Purchase	3.9300-4.1000	UP 1.5	3H to 20H	UNCH
Lower Ohio	3.9800-4.0700	UP 1.5	8H to 17H	UNCH
Upper Ohio	3.9500	UP 1.5	5H	UNCH
US NO 2 WHITE CORN				
	Bids	Change		
Purchase	5.0000	UP 2		
Lower Ohio	4.9500	UP 2		
US NO 1 YELLOW SOYBEANS				
	Bids	Change	Basis	Change
Purchase	9.4650-9.5950	DN 8.25	17F to 30F	UNCH
Lower Ohio	9.5150-9.5650	DN 8.25	22F to 27F	UNCH
Upper Ohio	9.4150	DN 8.25-DN 10.2512F		UNCH-DN 2
US NO 2 SOFT RED WINTER WHEAT				
	Bids	Change	Basis	Change
Purchase	5.8475-5.9975	UP 6.25	25N to 40N	UNCH
Lower Ohio	5.8175-5.9575	UP 6.25-UP 7.25	22N to 36N	UNCH-UP 1
Upper Ohio	5.7975-5.8675	UP 6.25	20N to 27N	UNCH
US NO 2 SORGHUM 58 LB BU				
	Bids	Change	Basis	Change
Lower Ohio	NA	NA	NA	NA
Purchase	NA	NA	NA	NA
Purchase-Ledbetter and west; including Lake terminals				
Lower Ohio-Louisville to Ledbetter				
Upper Ohio-Cincinnati to Louisville				
Source: USDA-KY Dept of Ag Market News Service, Frankfort, KY				
Jodee Inman 502-782-4138				
www.ams.usda.gov/mnreports/SV_GR111.txt				
www.ams.usda.gov/LPSMarketNewsPage				

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roughly one-third of farm income this year will come from either government aid or insurance payments. Economists are worried over what this could mean for 2020 income if payments halt and commodity values do not rebound.

Trade is closely monitoring wheat

It is likely that we will see an increase to old crop soybean exports out of Brazil. The USDA is currently predicting 70 million metric tons of Brazilian soybean imports for the marketing year that ends in February. By the end of Nov. Brazil had already sold more than this figure, with bookings crowding in on 71 million metric tons. This volume would still be a 15 percent reduction from a year ago though as Chinese returned to the US for soybeans, and the global appetite for



Chinese officials are also confident in the approval of the Phase 1 agreement with the US and feel it will benefit the entire global market. Economists in China claim their import target of \$40 billion of US ag products in 2020 is quite feasible. Most of these imports would be soybeans at a projected 45 million metric tons. This would be well above the previous yearly import record of 33.6 mmt set in 2016.

This commentary is the sole opinion of Karl Setzer, Senior Commodity Risk Analyst for AgriVisor, LLC. This is intended for informational purposes only and not to be used for specific trading recommendations. The information used to generate this commentary is gathered from a variety of sources believed to be accurate. If you have any questions or would like additional market information, feel free to send an e-mail to ksetzer@agrivisor.com.

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Whole milk powder imports sees strongest gain in six years

China issued Nov. dairy import data this week and reports that whole milk powder totaled 136.8 million pounds, up 117.9 percent from Oct., strongest gain in six years, according to HighGround Dairy, and up 56.0 percent from Nov. 2018. HGD adds that volumes from New Zealand were at 92 percent market share, up 66 percent.

Skim milk powder imports fell for the second consecutive month, totaling 55.9 million pounds, down 32.6 percent from Oct. and 17.7 percent below a year ago.

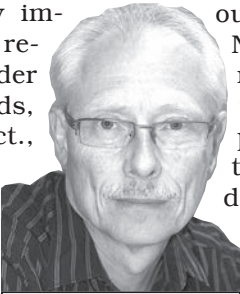
Cheese imports were the strongest for the month of Nov. on record, according to HGD, totaling 25.3 million pounds, up 40.6 percent from Oct. and 20 percent above a year ago, again with New Zealand the biggest provider, followed by the EU.

Whey product imports totaled 90.9 million pounds, down 20.3 percent from Oct. and 8.8 percent below a year ago.

FC Stone reports “There are rumblings that China’s large-scale hog farms that are re-populating are stepping up whey inclusion in the rations. It’s possible the whey complex does have some more fundamental strength under it than meets the eye.” The US has been one of China’s largest suppliers of whey.

Back on the home front; the US dairy industry produces some of the best quality milk in the world, even though it has been hesitant to lower its maximum allowable somatic cell count standards to global levels.

Corey Geiger, managing editor of Hoards Dairyman magazine, pointed



MIELKE MARKET WEEKLY
By Lee Mielke

out in the Dec. 23 Dairy Radio Now broadcast that the EU’s maximum allowable somatic cell count is 400,000 cells per milliliter while the US Pasteurized Milk Ordinance mandate is for 750,000.

But, when you examine the US herds on the Dairy Herd Improvement roster, the 2018 average was only 191,000 cells per milliliter, according to Geiger, clearly below that of the EU and the PMO. Nearly a decade ago, that number was around 300,000, he said, so over 90 percent of the herds in the US are under 400,000.

Sates with the best averages include Arizona, Idaho, Michigan, Utah, and Vermont, all under 170,000 last year, he said. The National Mastitis Council’s Quality Awards will be given in January and will go to two herds in Michigan, two in Wisconsin, one in Minnesota, and one in Idaho, out of nearly 200 applications.

Speaking of that milk, farm production is shifting higher across the country, according to the USDA’s weekly update. You’ll recall Nov. milk output in the 24 selected states hit 16.7 billion pounds, up 0.9 percent from a year ago.

Milk discounts abounded as the market moved toward Christmas Week. Typical holiday processing measures were expected as most fluid milk operations reduced their milk orders and took extra days off as closing educational institutions create the usual logjam of milk. Balancing plants were expected to run near or at processing capacity but should be able to handle the surplus milk. Cream supplies in the regions are in-

creasing and prices were lower going into Christmas, according to DMN.

The Agriculture Department’s latest Cold Storage report fed the bears butter and the bulls got cheese. Nov. 30 butter stocks stood at 180.7 million pounds, down 53.8 million pounds or 22.9 percent from Oct. but a surprising 26.3 million or 17.1 percent above Nov. 2018 and the largest Nov. stockpile since 1993, according to the Daily Dairy Report, which will feed the bears in the market.

HighGround Dairy adds that “While butter inventories continued their seasonal decline into Nov. and fell at close to the five-year average in the month, total product in storage post-Thanksgiving was historically high and will weigh on markets into first quarter 2020.”

American cheese stocks totaled 739.6 million pounds, down 40.3 million pounds or 0.5 percent from Oct. and 59.4 million or 7.4 percent below a year ago.

Stocks in the “other” cheese category fell to 560.1 million pounds, down 11.8 million pounds or 2.1 percent from Oct. but were up 36.2 million or 6.9 percent from a year ago.

The total cheese inventory fell to 1.324 billion pounds, down 17.5 million pounds or 1.3 percent from Oct. and a bullish 28.5 million pounds or 2.1 percent below Nov. 2018.

Block Cheddar cheese fell to \$1.80 per pound the day after Christmas but closed Friday at \$1.83, down 3 cents on the shortened week and 40 cents above a year ago. The barrels, after jumping to \$1.7225 Monday, finished Friday at \$1.60, down 6.5 cents on the week, 31 cents above a year ago, but 23 cents below the blocks. 9 cars of block traded hands

on the week at the CME and 25 of barrel.

FC Stone dairy broker Dave Kurzawski wrote in his Dec. 23 Early Morning Update; “Open interest doesn’t set the price of cheese; supply and demand do. With the holidays upon us, there is some level of concern that a lot of excess milk will be making its way to the cheese vat. This may in fact happen, but our opinion is that there are larger forces at play to dictate the level of supply/demand seen during the spot call in Chicago over the next few weeks. Don’t believe us, ask yourself this question: Can a few weeks of excess production make up for a short-fall of Cheddar production we’ve seen for most of 2019?”

“If you wanted to see a spot cheese market collapse, you just got a front-row seat to that all month long. Selling is subsiding recently and buying is picking up.”

“We expect more volatility from these markets and that can mean down days, but we also look for spot to revert to the price level that reflects broader supply-demand fundamentals. That price level is likely found around current levels and or higher not lower.”

Milk was widely available Christmas Week, with spot prices from \$2 to \$8 under Class, reports Dairy Market News. Cheese plant closings due to the holiday and maintenance issues at other plants had milk handlers scrambling to find homes for milk, not an atypical circumstance in the final weeks of any year. Cheese buyers say both blocks and barrels are not hard to find.

(Mielke continued on page 12)



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Precision technology to help farmers with Outcome-Based Pricing

BY RACHEL LANE
DC Correspondent

Washington, DC — Farmers struggle with financing and there are companies that have designed a new way to get paid using precision technology and yields.

Outcome-Based Pricing, OBP, centers around the idea that farmers use the new technology and the company guarantees certain results. If the farmer exceeds the expectations, the farmer pays a little extra. If actual value is under estimated value, the company can rebate some of the cost of the product, said Tim Brennan Vice President of external relations for Farm Foundation. He hosted a forum in December regarding OBP.

“Farmers often make planting input decisions for next year while they’re harvesting this year’s crops,” he said.

Farmer Ben Riensche, owner and manager of Blue Diamond Farming Company, said he doesn’t think the technology is quite ready for the proposal, but it might be beneficial for beginner farmers who don’t have the He uses precision technology on his farm and when he is harvesting on land he rents from his aunt. The rent he pays is splitting the harvest.

As a result, he wants to have the most accurate information. The machines on his equipment have sensors that tell him the results of his yield on her land.

On one harvest, the equipment showed the yield to weight 185 bushels per acre. When he delivered the same yield to the elevator, it measured 224, he said.

The equipment does have its uses and it is getting more precise, he said. On his aunt’s land, some areas showed a lower harvest than other areas. The low harvest areas have sandy soil not good for corn production and he is considering enrolling those sections in a USDA pollinator program.

But the contracts farmers would need to sign to qualify for the OBP and need to answer a lot of questions, he said. If he plants a field and it floods, and he needs to replant with a different company’s seeds, what happens? Which company would be entitled to an increase payment?

Every crop is built on a combination of decisions. He makes hundreds of decisions, and what seed to use is only one of those decisions. How does the company factor the benefit of their product when weighted against all the other decisions he makes?

Fertilizer, insecticides, fungicides,



Above: From left, Tim Brennan Vice President of external relations for Farm Foundation, Joe Young, president and chief operating officer with Growers Edge Financial, Chad Bilby, North America commercial innovation experimentation lead with Bayer Crop Science, and farmer Ben Riensche, owner and manager of Blue Diamond Farming Company, discussed Outcome-Based Pricing at a Farm Foundation Forum. OBP adjusts the price of a product based on the results - and yield - the farmer receives from the product. If the yield is lower than expected, it might help farmers save a little money. If yields are higher than expected, farmers would have to pay a little more. The programs are new and there is still more to learn about OBP. Photo by Rachel Lane

the tires used on the machines, irrigation, and cover crops can all play a part in the total yield, he said. His farm has been in his family for generations. Originally, it grew a diverse mixture of crops and livestock, but now the farm grows only corn and soybeans. Every decision he makes is with the idea of what might increase the yield this year, or decrease inputs, while also being stewards of the environment.

“2019 was a big big reminder that no matter how sophisticated a production, a system you have, weather trumps it all,” he said. “Those interested in outcome based pricing ... they’re really going to be in for the ride there too because it’s going to change

your output.” Even the process may not be as simple as it sounds, he said. A company he works with said he owed them \$181,000. After Riensche and someone at the company started to factor in rebates, packages, incentives, pre-payments, the company owed him \$18,000.

“OBP could be a great tool,” he said, depending on the plans. He is even willing to give it a try on his farm, but he hopes to see the technology improving.

Joe Young, president and chief operating officer with Growers Edge

(Pricing continued on page 15)

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2014 JD 8285R, IVT, ILS, 1600 HRS
2013 JD 8235R, PS, MFD, 3400 HRS
2007 JD 8430, PS, ILS, 4200 HRS
2003 JD 8420 PS, MFD, GUIDANCE, 6500 HRS
2015 JD 7270R, IVT, TLS, 1200 HRS
2006 JD 7920, IVT, MFD, 5800 HRS
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2004 JD 6420, PQ, MFD, 5300 HRS
2006 JD 5525, OS, TWD, LDR, 3100 HRS
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CIH 1220 6R30, LIQ FERT
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2008 KINZE 3500 8/15
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FROM PAGE 10

Western cheese output is active, helping participants keep up with increased milk availability. Plants are running at or close to full capacity. Discounted milk was available at some localities but cheese makers are cautious about taking additional loads, says DMN. Cheese supplies are a bit tight, according to some, while others suggest there's plenty of stock in warehouses. Block and barrel cheese sales in the domestic market are good and international

interest in blocks for 2020 is picking up due to the recent declines in prices, according to DMN.

Butter had a better week, closing Friday at \$2.0350 per pound, 3 cents higher on the week but 18.25 cents below a year ago, with only 3 cars sold on the week.

Holiday workweeks vary from one Midwestern butter maker to the next, says DMN. Some are giving up to three days off while others are just taking the day off. Cream availability is labeled as "sloppy, as multiples slide nearer to flat Class." Butter production is picking back up due to the available cream supplies and

some spring holiday stock buildups. Butter markets are finding some health, moving back to the comfort zone of \$2 per pound, says DMN, but butter demand was quiet the week before Christmas and "expectations are not outside of seasonal realities for the next two weeks."

Western butter makers reported that Christmas Week print sales were flat and bulk butter was quiet. Manufacturers expect demand to regain strength the next few weeks as retailers place orders to restock store shelves. Bulk butter interest had been strong for early 2020 needs and processors believe that trend should continue into the New Year once end users get past the winter break. Inventories are lower due to the seasonal demand but are enough to cover any immediate need. Manufacturers say cream is plentiful and headed to the churn.

Grade A nonfat dry milk closed the week at \$1.2325 per pound, down 1.75 cents on the week but 29.5 cents above a year ago, with only 2 cars sold.

CME dry whey saw a Friday close at 31.5 cents per pound, unchanged on the week but 16.5 cents below a year ago, with 17 cars sold on the week.

One more note of interest regarding the Nov. Milk Production report; the Daily Dairy Report's Sarina Sharp points out that Wisconsin's 1.6 percent drop from a year ago was the steepest deficit since 2014.

She wrote in the Dec. 23 Milk Producers Council newsletter; "A harsh cold snap seems to have trimmed milk yields throughout the Midwest, but feed quality is likely also to blame. Farmers in Wisconsin have suffered their wettest year on record, and this year's hay and corn silage harvests are much the worse for it."

"It's likely that bad hay is just starting to impact milk production there, with many months of low-quality rations still in the offing. Wisconsin's woes may be a harbinger for the entire region, as most of this year's questionable corn silage is still on the feed slab. In 2020, as dairy producers add this year's forages to their rations, milk yields could fall well short of potential in the Upper Midwest."

Looking down under, FC Stone reports that Australian milk production was down 3.2 percent in Nov. but components were up from last year putting the component adjusted production down 2.3 percent. Nov. rain fall was the lowest in recorded

history for Australia and drier forecasts are projected through the rest of the year.

Dairy Market News reports that "There is a general consensus among professionals in the dairy industry that Australia's higher milk pay prices are being edged by weaker retail and food service dairy demand related to consumer price resistance. Another factor is higher input costs such as feed and water. Ongoing drought is pushing irrigation costs higher," says DMN.

"Heavy rains in New Zealand have led to flood waters in some South Island dairy areas. Impacts included rivers cutting into farmland, silt accumulation, damaged paddocks, and power outages. Some bridges and roads were also flooded, stopping some milk collection. In areas where rain was not excessive, it was a welcome development in terms of keeping good pasture growth. Some dairy manufacturing plants continue to maintain extended schedules to accommodate milk intakes, even as the seasonal peak has passed."

The last week of activity of 2019 for the Cooperatives Working Together (CWT) program saw member cooperatives accept 16 offers of export assistance to help capture sales of 1.016 million pounds of Cheddar and Monterey Jack cheese, 56,116 pounds of butter, 330,693 pounds of whole milk powder and 447,538 pounds of cream cheese. The product will go to customers in Asia, Central and South America through April 2020.

CWT member cooperatives accepted a total of 535 offers of export assistance in 2019 that raised the milk equivalent of assisted sales to nearly 1 billion pounds. The contracts brought 2019 export sales totals to 48.9 million pounds of American-type cheese, 123,458 pounds of anhydrous milkfat, 5.0 million pounds of butter (82 percent milkfat), 6.8 million pounds of cream cheese, and 46.1 million pounds of whole milk powder. The products went to 27 countries and are the equivalent of 956.3 million pounds of milk on a milkfat basis, according to CWT.



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Case IH earns three 2020 AE50 awards for innovation

RACINE, Wis. — The American Society of Agricultural and Biological Engineers (ASABE) will present three AE50 awards to Case IH for outstanding agricultural innovations. Award-winning innovations for 2019 include:

- AFS Connect® Magnum™ series tractor
- Wing wheel system for 2160 Early Riser® split-row large front-fold planter
- Curve compensation system for Precision Air™ 5 series air cart

“Our team is proud to receive these awards that showcase our full range of equipment built around power, technology and Agronomic Design,” said Scott Harris, Case IH vice president, North America. “Our Customer Driven Product Design process continues to deliver industry-leading technologies. Case IH equipment is built by farmers

who understand the unique demands of each operation.”

ASABE distinguishes the 50 most significant product innovations in engineering and technology for agricultural, food and biological systems. The honor recognizes products that save producers time and reduce cost and labor, all while improving user safety. The awards will be presented at the ASABE Agricultural Equipment Technology Conference (AETC) in Louisville, Ky., in February.

The AFS Connect Magnum series tractor gives producers the freedom to manage, monitor, adjust and transfer data the way they want. Powered by Case IH Advanced Farming Systems (AFS) precision technology, the tractor includes a new 12-inch display, receiver and completely redesigned

operating system that allows for remote display viewing, service diagnostics and software updates. The cab offers an all-new MultiFunction handle and MultiControl Armrest, placing 90 percent of the tractor functionality at your fingertips.

Case IH engineers designed the 2160 Early Riser split-row large front-fold planter with wing wheel system to meet the demands of large-scale producers across any terrain or soil type, and the award-winning wing wheel system provides optimal weight distribution between the tractor and planter. The new 2160 Early Riser planter adds a split-row configuration to plant soybeans or specialty crops in 47 rows with 15-inch spacing and corn in 24 rows with 30-inch spacing. Bolstering a 60-foot toolbar, the 2160 Early Riser is the largest split-row

planter available from Case IH. This announcement marks the fifth AE50 award in the last five years for 2000 series Early Riser planters.

Precision Air 5 series air carts are designed to get the most from every plant’s potential through highly accurate seed and fertilizer metering and distribution. The new curve compensation option helps ensure proper plant population across the drill in tight turns and corners. The air carts feature the exclusive AFS AccuSection™ modular metering control system for more efficient crop input use, while independent metering by sections allows for a higher application rate and built-in section control. These features all lead to a high level of accuracy and uniformity across the air drill or fertilizer application equipment.

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Info in Central Illinois

ASA elects 2020 board of directors

St. Louis, MO. — The American Soybean Association (ASA) Board of Directors elected the leaders who will guide the organization through its 100th year during its annual meeting in St. Louis in December.

Bill Gordon of Minnesota will serve as 2020 ASA president. Gordon previously served as vice president and treasurer of ASA and has been a national director since 2012. He is a fourth-generation farmer who, with his

father, grows 50/50 soybeans and corn across 2,000 acres, including 250 acres of buffer strips and wetlands. Gordon is also the owner of Worthington Tax and Business Services, a full-service business including farm analysis and planning.

Immediate Past President Davie Stephens of Kentucky moves to the role of ASA chairman. Former chairman John Heisdorffer of Iowa rotates off the nine-member ASA Governing

Committee but remains on the ASA board.

The ASA Board also elected Kevin Scott of South Dakota to serve as vice president, a position that places him in line to serve as the association’s president in 2021.

Scott previously served as secretary and an at-large member of the ASA Governing Committee. He has been on the ASA board of directors since 2012. Scott and his wife Jannell farm with a brother, nephew and son in southeast South Dakota on a fourth-generation operation that began in 1886.

In addition, the board voted to elect Brad Doyle, Arkansas, as secretary; Brad Kremer, Wisconsin, as treasurer; and Bret Davis, Ohio; Josh Gackle, North Dakota; Daryl Cates, Illinois, and Stan Born, Illinois as at-large members of the governing committee.

New members beginning their nine-year terms on the ASA board are John Comegys, Delaware.; Steph Essick, Iowa; Mauricio Garcia, Texas; James Hereford, Alabama; Brad Macauley, New York; Matt McCrate, Missouri; Phil Ramsey, Indiana; Justin Rivers, South Carolina; Dave Walton, Iowa; Casey Youngerman, Tennessee, and Andrew Moore, Georgia.

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U of I researcher: Farm incomes returning to pre-'06 levels

By **TIM ALEXANDER**
Illinois Correspondent

EAST PEORIA, Ill. — Projections for 2020 farm incomes appear glum without the benefit of a third consecutive year of USDA Market Facilitation Program (MFP) payments or above-trend yields, according to Dale Lattz, farmdoc research associate with the University of Illinois Department of Agricultural and Consumer Economics.

Lattz's Dec. 18 presentation at the Par-A-Dice Hotel in East Peoria focused on farm income drivers and his outlook for 2020 farm incomes. Lattz's projections for 2020 — assuming harvest yield trends, a corn price of \$3.90 per bushel and soybean price of \$9 per bushel, and no ARC-PLC or MFP payments — would result in a negative \$17 per acre farmer return for corn and a negative \$58 per acre farmer return for soybeans.

"If we have trend yields and that \$3.90 price for corn, which might be a

little optimistic, and not adjusting our other costs too much, we'd be at about negative \$17 per acre. This is barring any other payment programs such as the MFP," Lattz told around 250 producers who attended the 2019 Illinois Farm Economics Summit. "Hopefully we can get yields up significantly above yield trend."

Soybeans gross per acre will likely recede in 2020 as well. Lattz presented slides that illustrated the decline in farmer return per acre for soybeans since 2018, when heavy yields and generous per-acre MFP payments for soybeans resulted in a return of \$154. Conversely, farmer return for soybeans is projected to slide to negative \$37 in 2019 and negative \$58 in 2020, assuming no government bailouts are forthcoming.

"Again, using trend yields, this does not result in a very good bottom line. Hopefully yields can get back up to the level we had in previous years without too much of a drop in prices to offset

them," Lattz said.

The researcher also offered his cash rent projection for 2020, noting that average cash rents have decreased slightly from their peak after the higher income years of 2006-2013. Though indications are that rents could be slightly lower in 2020 compared to 2019, overall prices have seemed to stabilize.

For 2020, cash rent farmers can expect to pay \$298 per acre for excellent-rated farmland in Illinois, \$254 for good farmland, \$212 for average farmland and \$170 for fair farmland, according to the Illinois Society of Professional Farm Managers and Rural Appraisers. "With lower farm incomes there is some downward pressure on prices, to an extent, for both rents and land values," Lattz said, "but they have stabilized since 2017."

There has been movement from fixed cash leases to variable cash leases between landowners and tenant farmers the past couple of years, Lattz continued. "This provides some

flexibility to cash rent levels as to what is actually happening with price changes, yields, operating costs and so on," he said.

In a summary of his remarks Lattz pointed out that the higher income period for farmers ended in 2013. The slow erosion of farm income levels since their 2013 peak has resulted in a return to pre-2006 levels, he reported.

"We have had above trend yields — except for maybe this year — that have helped support farm incomes along with some of the government farm support programs and MFP payments. From a financial standpoint I think one of the biggest challenges we have is the cash flow problem. With these current income levels, it has been hard to meet all of our needs," said Lattz.

Slides from Lattz's and all members of the U of I farmdoc team who gave presentations during the 2019 Illinois Farm Economics Summit will be posted at www.farmdoc.illinois.edu/ifes/2019-archive.

U of I economist examines implications from 2019 crop year

By **TIM ALEXANDER**
Illinois Correspondent

EAST PEORIA, Ill. — Analyzing the implications of corn planting after the final dates for crop insurance enrollment in 2019 was the topic of discussion at a session of the University of Illinois 2019 Illinois Farm Economics Summit, held on Dec. 18 in East Peoria.

While being eligible for prevented planting payments, most central Illinois farmers opted instead to plant corn after their June 5, 2019 insurance enrollment cutoff date, reported U of I agricultural economist Professor Gary Schnitkey. After evaluating factors related to the decision to plant, Schnitkey, along with U of I colleague and farmdoc research associate Dale Lattz, concluded that taking the prevent plant option would have yielded higher economic returns than planting corn in many situations.

"Unless you are under a very unusual set of circumstances, if you have reached your final plant date and not planted corn, the presumption is that from an economic standpoint you will want to take prevent plant. Particularly if you have a 75 percent or higher combo product, and assuming there will be no speculation about MFP (Market Facilitation Program) payments clouding the decision, and if harvest prices are not expected to be higher than projected prices

by \$.50 per bushel."

Though there was a 918 percent spike in prevented planting options taken by U.S. farmers from 2018-2019, most central Illinois farmers refuted the insurance in favor of planting a late corn crop due to long held biases, according to Schnitkey. He said that among six "lessons" he and Lattz learned from their study, Midwest farmers' bias against prevent plant was near the top.

"It's a good bias, though. It's a good thing that we want to go out and plant; it's what farmers do," he said. "Share-rent land owners have a legitimate concern with prevent plant, if they don't have crop insurance. Without crop insurance, there is no return to the landowner if planting does not occur. We need to help those share-rent landowners get on crop insurance."

Cash-rent landowners should have no legitimate concerns if a tenant farmer were to declare for prevented planting, Schnitkey added.

"I would suggest developing a plan beforehand for prevent plant, and we should have a strong assumption for taking prevent plant once we reach June 5. Particularly if we have the higher coverage level when the final plant date arrives, and we don't have storing and drying facilities on-farm," said Schnitkey.

Additional farm management lessons from the extraordinary year of 2019 shared by Schnitkey include:

Futures prices are unbiased indicators of price in the future: "If you are going to do something because of price, price some of it. We planted corn in June because of price, and then the price came down. Don't bet on short crops. We thought we could have \$5 corn because we would have lower acres and lower yields. It usually takes a drought to result in a short crop."

All farmers are reacting to the same incentives: "In June we saw the corn price ratio that corn would be more profitable than soybeans, and that corn prevent plant is better than soybean prevent plant. So what are you going to choose? According to USDA August data, corn acres went down just one percent from 2018 to 2019 while soybean acres went down 16 percent, making corn less profitable."

It's hard to beat USDA yield forecasts: "USDA devotes a lot of resources to yield estimation and that includes satellite imagery, so, again, don't bet on a short crop until you see it."

The MFP introduced a new "policy regime": Schnitkey explained that when a new round of MFP payments were announced in May, farmers were encouraged to plant acres in order to receive payouts. "The existence of this payment caused an incentive to plant," he said. "In the end, an additional top off of 15 percent for prevent plant payments on Revenue Protection policies resulted from di-



Above: Dale Lattz, Farmdoc research associate, and Gary Schnitkey, professor and ag economist for the U of I Dept. of ACES, are seen at the 2019 Illinois Farm Economics Summit in East Peoria on December 18. (T. Alexander photo)

saster aid payments. This top-off, plus a \$15 MFP payment on prevent plant acres planted to cover crops, caused additional disaster assistance to be roughly between planted and prevent plant acres." If the additional assistance on prevent plant acres were known when prevent plant decisions were being made, Schnitkey concluded, prevent planting would have looked more economically attractive.

Build in higher drying costs if planting in June: "Also expect some harvest difficulties. I've heard from farmers who are still harvesting wet crops in late November and now into December."

For the time being, uncertainty over whether or not MFP payments will be issued in 2020 (Schnitkey bets they will not) will continue to cloud farmers' decisions moving towards the spring planting season, the economist added.

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AGCO names Mose Middleton 2019 operator of the year

NEW ORLEANS, La. — AGCO Corporation, a worldwide distributor and manufacturer of agricultural equipment, named Mose Middleton of Nutrien Ag Solutions in Rochester, Ind., the 2019 Operator of the Year. The award recognizes professional operators for their hard work and commitment to their customers and their local communities. This is the 14th year for the industry award sponsored by AGCO.

Middleton, a professional applicator for more than 30 years, applies on 33,000 acres per year. He credits the people he meets as one of the best parts of the job. “I like to stop and talk to the farmers when I am applying,” Middleton says.

“Mose is a great example for our new applicators,” said Curt Kline, Nutrien sales manager, who nominated Middleton for the award. “He is the first one to arrive and the last one to

leave during the busy season. This sets the expectation for our younger applicators, many of whom Mose has trained.”

Middleton credits machinery with helping him be one of the best at his job. Advances in technology, from covered cabs to precision application, help Middleton ensure he is applying products exactly where they need to be. “I have children and grandchildren, so being responsible with products is important to me,” Middleton explains. “Looking to the future, I would want someone to be precise when they apply, so I make sure I am precise. Today’s equipment makes that much easier than in the past.”

A sports enthusiast, Middleton has coached many local school and Little League teams. He also helps at the State Hospital, playing sports with the patients. His willingness to volunteer and his passion for life has made

Right: Mose Middleton, right, of Nutrien Ag Solutions in Rochester, Ind., is the 2019 Operator of the Year. The award recognizes professional operators for their hard work and commitment to their customers and their local communities.

David Webster, director, Application Marketing at AGCO, presented Middleton with a new Harley Davidson motorcycle.

This is the 14th year for the industry award sponsored by AGCO.CO



Middleton well known in the Rochester community.

Middleton was presented with his title and grand prize, a new Harley-Davidson motorcycle, Dec. 4 during the 2019 Agricultural Retailers Association (ARA) Conference & Expo in New Orleans.

“As in previous years, the candidate field for this year’s award was outstanding,” said David Webster,

director of Application Marketing North America, AGCO. “With 80 nominations, including several from Canada, narrowing the field to three finalists was a tough yet rewarding job. After meeting Mose, we knew we had found a great applicator and advocate for our industry. We hope he enjoys his new Harley Davidson, and we look forward to working with him in the coming year to share his insights and knowledge with others.”

Pricing

FROM PAGE 11

Financial, said his company is not affiliated with a specific agriculture company. The goal is to help farmers come up with the best plan for their farm. The forum focused on yields, but it could be anything where a producer promises a certain outcome, like “We’re trying to make it so it doesn’t require significant change on the part of the farmers or things they’re against,” Young said.

He said the company is focused on helping the cash flow to American farmers, to help with output, and help family farms stay competitive.

“A lot of people trying to get

outcome based pricing are trying to help the family farm stay in the family. It’s a tough business,” he said. “We’re trying to figure out a way to get this tech to the farm when life is particularly challenging.”

He wants to minimize the risk to farmers and encourage them to invest in the technology that can help their yields.

The company takes all the data available, the farmers previous results, results from neighboring farmers, historical data, and tries to create a plan that helps the farmer improve, he said.

There are two reasons farmers don’t invest in technology, he said. They don’t have confidence in the technology or they don’t have the

money to deploy it on the farms.

“We will guarantee, or de-risk the decision for that by saying if it doesn’t occur as designed, you will receive a payout,” Young said.

The machines provide the data and can do a better job compiling the data than humans, he said. As the machines get more data to consider, the synthetic results will be more accurate.

It is like forecasting the weather. It is not perfect, but every year, predictions get a little bit better, Young said.

Chad Bilby, North America commercial innovation experimentation lead with Bayer Crop Science, said they are still piloting the program and getting feedback.

“Farmers are looking for ... the right combination of things that can get them the most on an acre,” he said.

He said, and Young agreed, that any data collected or provided by the farmer will be used only as the farmer directs and that the farmer owns that data.

“It’s all around choice. This is another choice in how they want to purchase seed and mitigate risk,” Bilby said.

The guarantee provided is different for each farm and is the contract. If a certain yield isn’t achieved, the company shares back a portion of the costs. If the yield crosses the threshold, the farmer shares some of the additional profits.



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(5) rd. bale feeders, like new; (2) heated water fountains; 16' gooseneck cattle trailer; Shaver post driver. 812-989-2632 Lanesville, IN.

2013 JD S660 combine, Maurer extensions, 2WD, 800 sep. hrs., exc., \$150,000; 2012 JD 7530 Premium IVT, FWD, duals & weights, never used, 4 outlets, 2100 hrs., exc., \$100,000; 2000 JD 9300 bareback, ATU, exc., \$50,000; JD 4430, synchro, shows 4100 hrs., new clutch, maintained, strong runner. All shedded. 517-605-9518 Blissfield, MI.

2016 Woods 180X Batwing bush hog, 15', (6) foam filled tires, spring suspension, chain shielding, 540 PTO, very little use, \$11,000. 812-603-0427 Flat Rock, IN.

CAT T863 telehandler w/forks & 3 yard bucket, hyd. detach for buckets, front stabilizers, 5512 hrs. 937-239-8041 Yorkshire, OH.

DMC hi-cap grain cleaner, dual screens w/8" loading auger, \$2500. 765-618-0074 Van Buren, IN.

JD 542 self leveling frnt. loader, 73" bucket, exc. cond., \$3000. 513-560-7053 Bethel, OH.

JD 9650W 4x4, 1637 sep.; DMI 4250 NH3, 17 shank; JD 400 folding 30' hoe; 8 row Brillion folding cultivator; JD 512 chisel, 9 shank w/drag; JD 40 combine; Gleaner E combine; C60 Chevy 18' grain bin. 574-633-4852 Wakarusa, IN.

JD 9870 STS, 2243 sep., duals, chopper; JD 2800 7 bottom plow; 22' JD 726 finisher; 24' Brillion packer; 34' Brillion optimizer. 574-633-4852

JD loaders 721, 158, 146, 148 and 48 & grapple for 600 thru 700 Series JD loader. 812-309-0329 Jasper, IN.

New Farm Klng 155 10' grader blade w/hyd. angle & tilt, \$3650. 765-825-1439 Connersville, IN.

New Titan skid steer mtd. root grapples: 5' \$975, 6' \$1950, 7' \$2150, 7' \$2150. New skid steer pallet forks: 2000#, \$475, 4000# \$600. 765-825-1439 Connersville, IN.

New Titan 6' HD 3 pt. tiller, \$1695. 765-825-1439 Connersville, IN.

Post drivers: New Extreme post drivers, 3 pt. skid steer trailer & self-propelled; also Wheatheart drivers. Walker Seed Farms. 937-403-3554 Hillsboro, OH.

Shaver HD8 post driver, 3 pt. hitch, hydraulic tilt, \$2500. 812-278-6360 Williams, IN.

T-30 Ingersoll Rand air compressors, 12.5 hp Kohler engines, some have a 30 gallon tank, others have a 4 gallon, have many units, also have partial units, compressor and engine, no tank. 937-481-4979 Blanchester, OH.

Unverferth 4 shank ripper, 130, \$8500; 3950 IH disc, 24", nice, \$12,000; 30' Mayrath auger, \$4500. 419-427-4264 Mt. Cory, OH.

Woods ditch bank mower, model 5.30, excellent cond. 419-421-7995 McComb, OH.

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2011 Case IH 7120, 1800 hrs., 1345 sep. hrs., 4WD . . . \$125,000
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1996 Massey-Ferguson 8570, 3425 hrs., 2WD \$ 35,500

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2013 JD 640FD, 40 ft. cutting width \$ 43,500
2009 JD 635F, 35 ft. cutting width \$ 13,500
2005 Case IH 2208, 8 row, 30 in. row spacing \$ 9,500

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2017 JD 5100M, 190 hrs., 100 hp, MFWD CALL
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Bush Hog 2215 15' 8 wheel chains	\$14,900	8'x41' PTO drive	\$ 4,750
Bush Hog 2308 8' 3 pt.	\$ 4,900		
Bush Hog 14815 1000 RPM 8 Airplane tires.	\$22,800	NEW TILLAGE	
Bush Hog 12815 1000 RPM 8 Airplane tires.	\$19,800	Kuhn Krause 4860-7 sh. disc ripper, 24" centers	CALL
Bush Hog 1812 12' flexwing, 540 RPM.	\$11,600	Kuhn Krause 4855-9 sh. disc ripper, 18" centers	CALL
Bush Hog 181 10' rear blade.	\$ 6,200	Kuhn Krause 4855-11 sh. disc ripper, 18" centers	CALL
Bush Hog BH6 5' rotary cutter.	\$ 1,700	Kuhn Krause 4855-13 sh. disc ripper, 18" centers	CALL
Bush Hog BH6 6' rotary cutter.	\$ 1,900	Kuhn Krause 6205-31, 31' Landsman	CALL
Bush Hog BH16 6' 540 RPM.	\$ 2,900	Kuhn Krause 8005-25, 25' vertical till	CALL
Bush Hog BH26 6' rotary cutter.	\$ 3,700	Kuhn Krause 8005-30, 30' vertical till	CALL
HDRG84 84" heavy duty road grader	\$ 2,200	Kuhn Krause 8050-20, 20' high speed disc.	CALL
HDRG96 96" heavy duty road grader	\$ 2,500	Schulle RS320 rock picker	\$24,500
Bush Hog DSP-12 12 dirt box	\$ 5,900	NEW BATCO	
Bush Hog ARV72 72" aerator	\$ 990	1232TD EMD.	\$ 5,900
Rhino 950-9' 9' rear blade	\$ 3,150	1515LP transfer conveyor hyd. drive.	\$ 5,950
Rhino 850-8' rear blade	\$ 2,600	1515LP transfer conveyor elec. drive	\$ 5,750
Rhino 1540 10' rear blade.	\$ 4,900	1585 85' belt conveyor PTO drive	\$21,900
Rhino 2500-12' rear blade.	\$ 7,900	204STD EMD.	\$22,700
Rhino 3500 14' rear blade	\$11,500	PS1800 drive over pit hyd. drive	\$17,200
Rhino 4155 1000 RPM 8 Rhino Trax tires.	\$21,650	PS2400 hyd.	\$18,700
Rhino MDB130 mech. arm mower	\$ 8,950	NEW WHEATHEART (GALVANIZED AUGERS)	
Rhino TS12 12' flex wing cutter	\$11,100	13'x31' PTO drive	\$ 7,200
Rhino MBS456 bale splitter	\$ 7,300	13'x36' PTO drive	\$ 7,600
Schulle FX318 18' flex wing, 1000 RPM.	\$21,550	USED AUGERS	
Loftness VXL 10 grain bagger	\$36,000	Wheatheart 13" drive over pit EMD w/motor	\$ 7,500
REM VRX grain vac.	\$26,900	Batco 1835 EMD 35' conveyor w/motor	\$ 6,000
		USED TILLAGE	
NEW J&M		Landoll 1200 Soilmaster 5 shank	\$ 3,500
385 bu. w/used 425x22.5	\$10,100	Kuhn Krause 4850-11 11 combo shank.	\$35,000
755 bu. w/used 425x22.5	\$17,900	USED ROTARY CUTTERS	
750-18 winew 30.5x32	\$29,300	*17 Schulte FX107	\$ 5,800
812-18 winew 66s	\$30,600	Rhino 850 blade	\$ 2,300
875-18 winew 30.5x32	\$32,700	Rhino 172 6' DEMO.	\$ 2,000
1000-20 winew 900/60R32	\$40,400	18" Rhino 4150 1000 RPM, 8 airplane tires	\$15,900
1000-20 winew 73x44x32	\$39,000	07 Bush Hog 2715 1000 RPM	\$ 9,000
1112-20 winew 1050s	\$51,400	07 Bush Hog 2715 1000 RPM 8 laminated tires.	\$ 7,200
1112-20T 36x116".	\$79,100	10 Bush Hog 2715 1000 RPM	\$ 8,500
1312-20 winew 1250/50R32	\$61,500	06 Bush Hog 2615 8 airplane tires, 1000 RPM	\$ 9,900
1312-20T 36x146".	\$94,600	USED GRAIN CARTS	
1326-22D w/520/65R42	\$59,800	Brent 772 w/tarp and 30.5's	\$ 4,500
1326-22T 36"x146"	\$93,300	*12 J&M 1000-20 w/tarp, scales, and 900s.	\$34,000
1522-20 w/1250/50R32	\$98,900	05 J&M 1050-18 w/tarp, 73" floaters.	\$25,000
C450 w/conveyor.	\$23,400	*11 J&M 1050-20 w/tarp, scales, 73's	\$34,500
390ST w/8" conveyor.	\$27,000	*14 J&M 1501-22 w/tarp, scales, tracks	\$65,000
290ST w/8" conveyor.	\$25,500	*12 J&M 1501-22 w/tarp and tracks	\$60,000
Header carts	CALL	*08 J&M 1150-20 w/tarp, 76" floaters.	\$32,000
Double roller harrow	CALL	*09 J&M 1150-20 w/tarp, 73" floaters.	\$34,000
		*09 J&M 1151-22, tarp, 76x50x32	\$35,500
NEW WESTFIELD		*11 J&M 875-18 scales, floaters.	\$23,500
8'x31' EMD	\$ 3,700	*06 J&M 875-18 w/tarp, 66" floater tires.	\$16,000
8'x31' PTO.	\$ 3,900	*14 J&M 875-18 w/tarp, 66" floater tires.	\$26,000
10" electric drive transfer hopper.	\$ 2,500	*09 J&M 875-18 w/tarp, 66" floater tires.	\$18,500
10'x31' EMD	\$ 4,675	Unverferth HT30 30' header cart.	\$ 2,500
10'x31' PTO drive	\$ 4,800	J&M TB6000A-38 38' header cart.	\$ 5,800
10'x41' EMD less motor	\$ 5,650	J&M 750-14 w/tarp, 66" floaters	\$14,000
10'x41' PTO drive	\$ 5,750	*08 J&M 620-14 w/tarp and 30.5's.	\$17,000
13'x31' EMD drive.	\$ 7,350	J&M 525-14 23.1x26 tires	\$10,500
13'x36' EMD less motor	\$ 7,950	*07 J&M 425 bu. wagon w/brakes, 425's RH dump \$ 7,000	








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- Craig Armstrong, New Castle, IN

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			250-Gallon Tote	2.5-Gallon Packaging
STEP ONE - TREAT YOUR SOYBEAN SEED				
RACEREADY™ Seed Treatments Meristem seed treatments bring together unique options for farmers that protect investments in soybean and wheat genetics. Product options includes both systemic and biological options for controlling a wide-range of seedling pests as well as nutritionals and inoculants that drive rapid and uniform emergence.	  	Part A: 2.12oz/50lb soybeans Part B: 0.775oz/50lb soybeans	\$9.00/unit \$9.00/acre	\$9.00/unit \$9.00/acre
		2.12oz/50lb soybeans	\$7.00/unit \$7.00/acre	\$7.00/unit \$7.00/acre
		1.325oz/50lb soybeans	\$3.50/unit \$3.50/acre	\$3.50/unit \$3.50/acre
STEP TWO - OPTIMIZE YOUR ROOT STRUCTURE AND STAND IMMEDIATELY				
REVLIN™ Plant Growth Regulator REVLIN™ is an EPA registered PGR containing one of the highest performing formulations of active ingredients known to promote early season root growth and enhanced nutrient uptake that builds plant mass in corn, soybeans and wheat.		3 oz/acre	\$157.00/gal \$3.70/acre	\$157.00/gal \$3.70/acre
STEP THREE - GET THE MOST OUT OF YOUR CROP PROTECTION PRODUCTS				
TRUTRACK™ Drift & Deposition Control and AQUADRAFT™ Water Conditioner & Surfactant Meristem has brought together two best-in-class products that help farmers spray crop protection, nutrients and plant growth regulators with increased efficacy, efficiency and decreased risk of off-target drift.	 	Drift & Deposition: 3 oz/acre In Place of Crop Oils: 8 oz/acre	\$42.10/gal \$0.99/acre	\$43.10/gal \$1.01/acre
		12 oz/acre	\$9.60/gal \$0.90/acre	\$10.60/gal \$0.99/acre
STEP FOUR - PROVIDE IN-SEASON NUTRITION TO OPTIMIZE YOUR YIELD				
HOMESTRETCH™ Nutritionals The HOMESTRETCH™ product line by Meristem is a foliar applied formulation including nitrogen combined with a micronutrient package. It is ideal for in-season nutrient applications on row crops and can be used as a tank mix partner.		Foliar: 1qt/acre Aerial: 1qt/acre Soil: 1qt/acre	\$19.00/gal \$4.75/acre	\$20.00/gal \$5.00/acre

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2020

January 29-30, 2020

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GLCS 2020 SCHEDULE

Tuesday, January 28, 2020				Thursday, January 30, 2020			
Reception for all attendees and speakers <i>Sponsored by Great Lakes Crop Summit and Farm Bureau</i>				Exhibit Area Open, Hot Breakfast - <i>Sponsored by SoybeanPremiums.org</i>			
Wednesday, January 29, 2020				Keynote Speaker			
Registration, Exhibit Area Open, Hot Breakfast - <i>Sponsored by Zeeland Farm Services, Inc.</i>				The Future of E15 & Other Fuel Fear Factors <i>Denton Cinquegrana, OPIS (Oil Price Information Service)</i>			
Keynote Speaker							
2020 Vision on Weather and Climate Joe Bastardi, Chief Forecaster at WeatherBELL Analytics							
Exhibit Area Open and Lunch - <i>Sponsored by Nutrien Ag Solutions</i>							
Saginaw Room	Swan Creek Room	Black River Room	Ojibway Room	Saginaw Room	Swan Creek Room	Black River Room	Ojibway Room
Michigan experience with ultra-early planted soybeans: A farmer panel John Burk, Lee Thelen, Curtis VanVorst	Farm business structure: Growth and transition to the next generation through profit center development Chris Barron, Ag View Solutions	How crop insurance can work for you in an increasingly risky world Tara Smith, Michael Torrey Associates, LLC	It's okay to not be okay Jeff Ditzenberger, Farmer <i>Sponsored by Wilbur-Ellis</i>	Crop fertility, understanding the basics to drive informed decisions TC Huffman, Corteva <i>Sponsored by Pioneer</i>	Impact of China's field crop production and consumer demand on Michigan producers Paul Burke, USSEC	Ag transportation in the electronic age Craig Anderson, Michigan Farm Bureau	A presentation of the film, SILO, followed by a discussion on grain bin safety Wayne Bauer, Emergency Services Rescue Training <i>Sponsored by Michigan Ag Commodities</i>
Cover crops in practice: A farmer panel Don Morse, Rich D'Arcy, John Burk	Comparing methods from industry and university to forecast yield and nitrogen fertilizer management in corn Dr. Bruno Basso, Michigan State University	A crop insurance DC update: Threats and opportunities Tara Smith, Michael Torrey Associates, LLC	Take action on compaction! Peter Johnson, Ontario Compaction Team (repeat session)	Understanding, responding, and managing farm stress Eric Karbowski, Michigan State University Extension <i>Sponsored by Wilbur-Ellis</i>	Let technology improve profitability Jeremy Wilson, EFC Systems <i>Sponsored by Bader & Sons, Co.</i>	2019 soybean checkoff research highlights	
Room Being Reset for Annual Meetings	The business of equipment: Equipment utilization and efficiency Chris Barron, Ag View Solutions	Take action on compaction! Peter Johnson, Ontario Compaction Team (repeat session)	Tar spot management in 2020 and beyond Dr. Marty Chilvers, Michigan State University	Exhibit Area Open, Buffet Lunch & Master Farmer Awards – Exhibit Hall <i>Master Farmer Awards sponsored by Michigan Farmer, Michigan Agricultural Commodities, Wilbur-Ellis, Brownfield Ag News, Corn Marketing Program of Michigan, Michigan Soybean Promotion Committee, Michigan Wheat Program and Carhartt, Inc.</i>			
Exhibit Area Open				2019 corn checkoff research highlights	Success in diversifying the farm operation: A farmer panel Abby Carpenter, Bryan Heffron, Allyson Maxwell	Weed disasters from 2019 will impact future management Dr. Christy Sprague and Dr. Erin Burns, Michigan State University	Maximizing wheat yield with precision planting and agronomic management Dr. Manni Singh, Michigan State University
Michigan Soybean Association & Michigan Corn Growers Association Annual Meetings				Emerging weed problems in winter wheat Dr. Christy Sprague, Michigan State University	Streamflow depletion caused by crop irrigation Todd Feenstra, Tritium, INC.	Research partnerships for soil health: Preliminary insights from farms implementing soil health practices over a multi-year period John Stewart, Soil Health Partnership	International demand for Michigan soybeans in the 2020's Paul Burke, USSEC
GreenStone Farm Credit Services Connect Reception - Exhibit Hall				Adjourn			
Buffet Dinner - Ice Cream Social - <i>Sponsored by PNC Bank - Exhibit Hall</i>							
Reception - <i>Sponsored by BASF</i>							

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Please check the options that describe you (You may select more than one):
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SECTION B

FarmWorld®

Wednesday, January 1, 2020

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Good news on the horizon for U.S. poultry producers

By **RACHEL LANE**
DC Correspondent

WASHINGTON, D.C. — The poultry industry expects to see modest increases to sales next year but even experts admit the predictions might be underestimating the potential.

As a result of African Swine Fever, ASF, impacting much of the pork population in Asia, the Asian markets are looking to replace the protein. Of the animal protein available, the poultry industry can increase production faster than other major sources, and is cheaper.

"Globally, economists are predicting that poultry consumption will surpass pork consumption in 2019, meaning that poultry now rules the roost of meat protein worldwide," said Tom Super, with the National Chicken Council.

China is the biggest opportunity for growth. In mid-November, China announced a ban on U.S. poultry would be lifted, something the U.S. poultry industry has been trying to do for the last four years, he said. Sales of U.S. poultry to China

peaked at \$722 million for chicken. The new market access could result in \$1 billion for chicken paws and as much as \$1 billion for other chicken products as a result of ASF.

"To put the potential \$2 billion of increased exports into perspective, our total chicken exports in 2018 were valued at about \$3.3 billion," Super said.

Chicken consumption has been on the rise globally since 2013. The USDA is reporting another record year in 2019, with the help of two fast food restaurant chains having customers compare the different chicken sandwiches, Super said.

The USDA is only predicting growth of about 1 percent, he said, less than the estimated 2 percent growth that has been occurred in 2019.

He said he will be surprised if the actual figure is that low. He thinks the U.S. poultry industry will grow another 2 percent this year.

Jim Sumner president of the USA Poultry and Egg Export Council, USAPEEC, agreed that Asia would likely see an increase in imports from the U.S. poultry industry.

(Poultry continued on page 10B)

New Years Resolution List

- LOSE WEIGHT!
- EXERCISE!
- BUY AUGUSTA 4658-3220GTEZ
- BUY AUGUSTA 4858-3120GTEZ
- BUY MORE A1059-3330GTEZ

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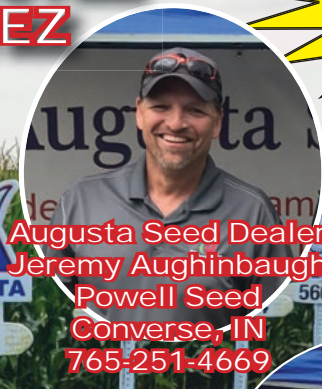
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2019 was a tough year for American sugar producers

By KEVIN WALKER
Michigan Correspondent

It's been a tough year for sugarbeet growers and not only in Michigan. Growers in Minnesota, North Dakota and other major growing regions have had difficult to disastrous weather this year. According to a USDA report published in November, the hardest hit area by far this year is the Red River Valley region along the border of Minnesota and North Dakota,

which ended early in November with many beets left to "rot in the frozen ground," according to a published report. The Red River Valley is the top sugarbeet growing area in the nation. According to the USDA's November Crop Production Report, nationwide sugarbeet production is down 11 percent from the previous season. Sugarcane growers in Louisiana, too – a major sugar growing state – have also had a tough time with their crop this year, first due to flooding followed by too hot and dry weather later in the

(Sugar continued on page 7B)

Below: This photo was taken at the Sugarbeet and Bean Research facility in East Lansing, Mich. by USDA ARS photographer Peggy Greb.



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...after 43 years in the agricultural equipment business, Charlie Bates is retiring and closing the store.

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— Josh Lingen



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"The Udder Comfort™ pre-fresh groups came in with udders full of milk, but so soft, no edema. We saw an average of 2 pounds more milk from those 2-yr-olds at around 14 DIM. Robot attachments are faster, and robot fetch time on first lactations was cut by 70%. That's huge! By softening them right into calving, udders went through fewer changes in the first 10 days after calving, and it took out that belly edema, making the robots more efficient," Josh Lingen reports.

At Lingen Dairy, Balaton, Minnesota, 240 cows milk robotically plus 100 through the parlor, making 87 pounds of 5.2 fat milk. They used Udder Comfort routinely after calving for 5 years. Early on, "we saw the results in quality and performance with SCC 100 to 150,000," Josh explains. But he wanted to see how heifers would respond to pre-fresh applications.

"We used the Udder Comfort Backpack Sprayer to do pre-fresh 2-yr-old groups in headlocks 1x/day for a week before calving. Our SCC dropped to 70,000 in both the robot and parlor groups. But the biggest thing is how it reduced fetching and improved robot attachment times. I absolutely love this product and the backpack!"

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JOHN DEERE

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'18 JD S780, 318 hrs., pcast, Stk #09104919 \$429,000 (SO)



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'18 JD 8370R, 479 hrs., ILS, Stk #01402273 \$317,500 (PL)



'18 JD 9470R, 442 hrs., 5 SCVs, Michelin, Stk #01101459 \$329,000 (WI)



'12 JD 9560R, 2767 hrs., 5 SCVs, Stk #01302042 \$196,500 (LG)



'19 JD 9620RX, 500 hrs., 5 SCVs, Stk #00703006 \$452,500 (TR)

USDA doles out \$550 million for rural broadband in 2020

BY STAN MADDUX
Indiana Coorespondent

USDA is making another \$550 million available for rural broadband in 2020. Applications for the second round of funding under the Reconnect Pilot Program can start being submitted on Jan. 31. The deadline to apply is March 16.

“Our core mission at USDA is to increase rural prosperity through boosting economic opportunity in rural America. We know that rural communities need robust, modern infrastructure to thrive and that includes having access to broadband e-Connectivity,” said USDA secretary Sonny Perdue.

Representatives of Farmers Mutual Telephone Company in Stanton, Iowa were on hand Dec. 12 when USDA made the funding announcement. FMTC received \$6.4 million of the \$600 million allocated during the first round of funding in 2019 to connect 477 households, 35 farms and 21 businesses in Montgomery and Page counties.

“By leveraging local, state and federal resources, we are investing like never before in broadband connectivity and sparking revitalization across rural Iowa,” said Iowa governor Kim Richards.

In 2018, Congress approved the dollars for the program to help rural America compete on a level playing field in a global economy relying more on the use of high speed internet and other broadband driven technology.

The USDA allocated funds offset

the cost of extending services to areas lacking sufficient customers for providers to see a return on their investments without the subsidy. So far, USDA has received 146 applications seeking \$1.4 billion in funding under the program. \$191 million has been awarded with offers out to 47 other potential recipients of more than \$600 additional dollars, USDA said. USDA is reviewing applications and approving projects on a rolling basis.

The funding is evenly divided into grants, loan-grant combinations and loans, according to USDA.

Iowa is among the states allocating funds to supplement federal dollars to the cause viewed as critical to the future growth of rural communities.

The grant application period recently ended for \$5 million under the Empower Rural Iowa program to offset up to 15-percent of a project’s cost.

The governor is asking the legislature to approve an extra \$15 million over the next two-years. “You can’t succeed in the Information Economy if you’re not connected to the Information Superhighway,” Richards said.

Indiana made \$100 million available this year for rural broadband extension.

At the grass roots level, state and federal dollars can make or break efforts to fill service gaps especially in the more rural areas, said Tony Rodriguez, executive director for the La Porte County Office of Community and Economic Development in

(Broadband continued on page 7B)



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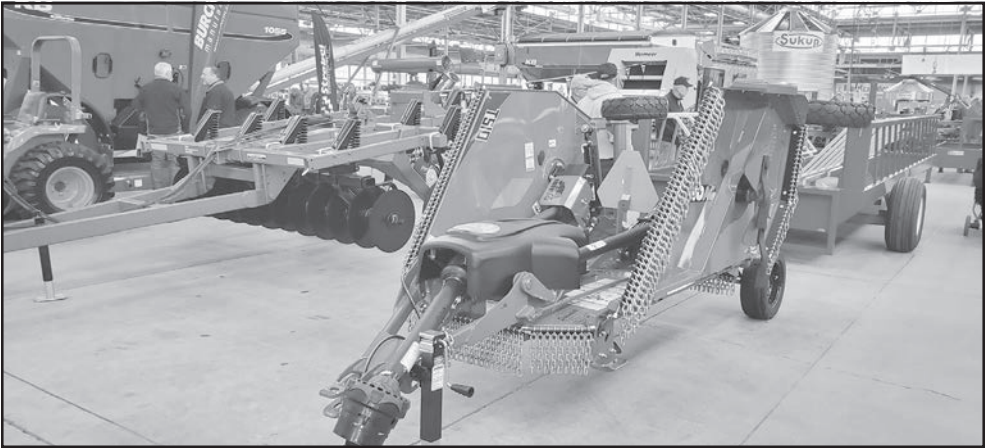
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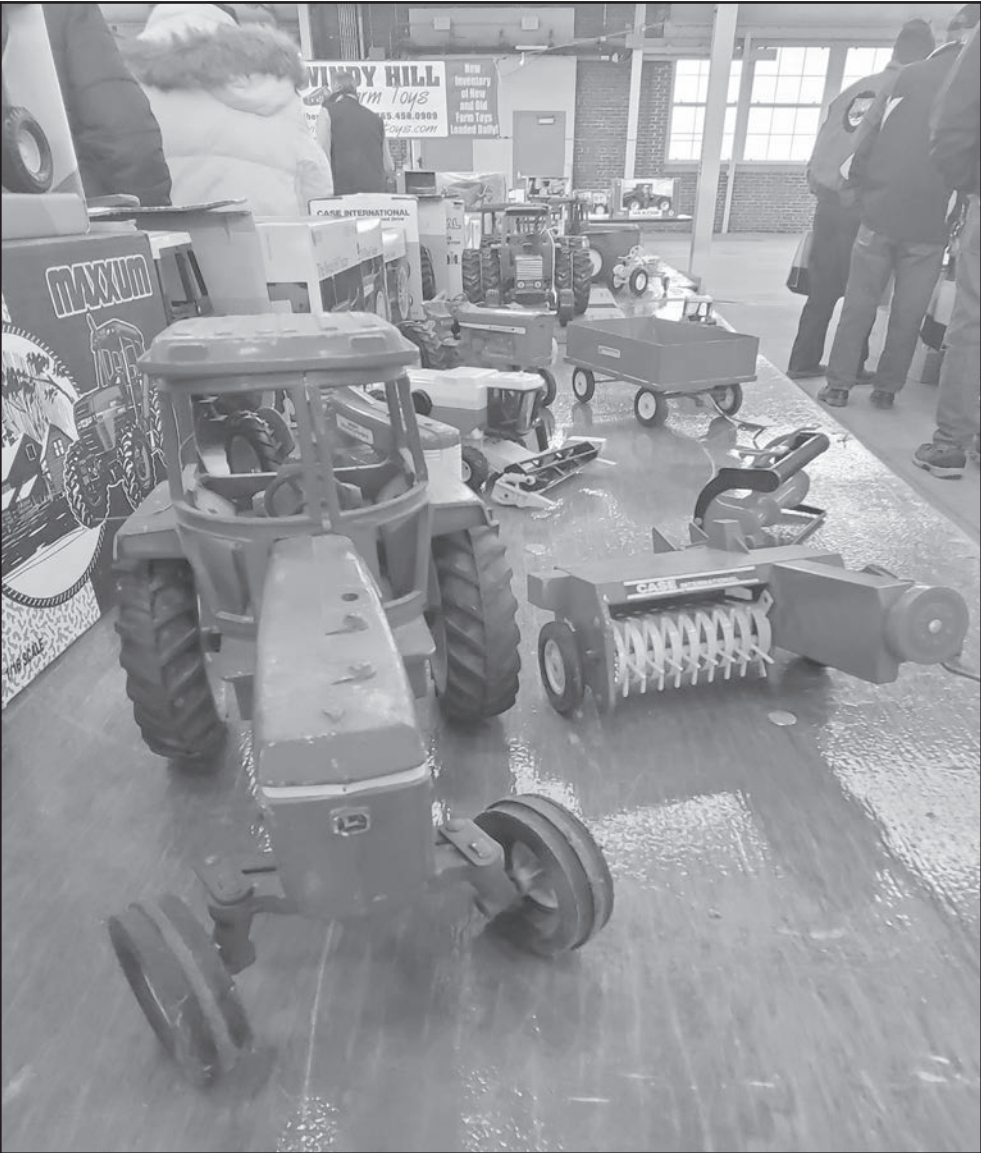
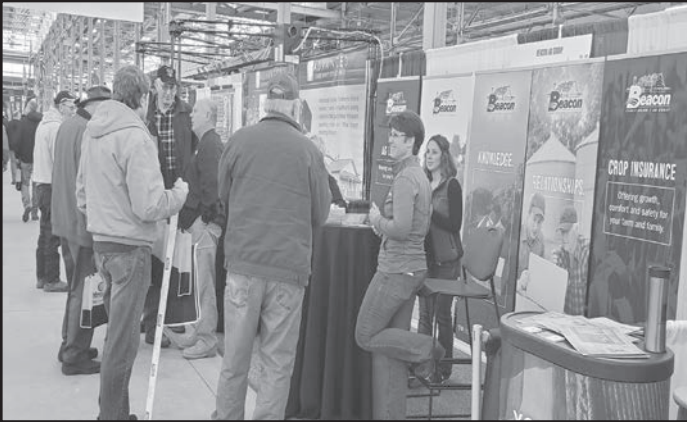
lower level



Scenes from the Indiana Farm Equipment and Technology Expo

From Santa Claus to giant sprayers, there was something for everyone at the Indiana Farm Equipment and Technology Expo, held Dec. 17-19 at the Indiana State Fairgrounds in Indianapolis. Three days of demonstrations and speakers provided insight into what 2020 will hold for farmers. Even rough weather on the first day of the event didn't stop crowds who wanted to see the latest in equipment. For information on the 2020 show visit www.farmexpo.com.





SALE CALENDAR

The Sale Calendar lists dates, nearest town or location, owner, auctioneer and type of sale. The page numbers refer to ads in this week's paper. Listings without page numbers either had ads in previous issues, or will have ads in a future issue of Farm World. Auction listings are only made available to those who have placed a paid ad in Farm World. Ads will only be published two times in the Sale Calendar: The week of the actual auction and the week prior if the auction ad is received in time to include in the Sale Calendar.

JAN 1 CLAYTON, INDIANA: ANNUAL NEW YEARS AUCTION — FREIJE AUCTIONS. Firearms.. 1 pm

JAN 3 STURGIS, MICHIGAN: TRIPLE Y, INC. — SCHRADER REAL ESTATE & AUCTION CO., INC.. Farm equipment.. 10 am

JAN 3 WASHINGTON C.H., OHIO: FETTERS FARM — THE WENDT GROUP. Farm equipment.. 10:30 am

JAN 4 FANCY FARM, KENTUCKY: MCFARLAND FARMS — JAMES R. CASH, AUCTIONEER. Equipment, machiner, trucks, trailers.. 10 am

JAN 8 WALTON, INDIANA: JUMP FARMS, INC. — CRAFT & MICHAEL AUCTIONEERS. Farm equipment.. 10 am SEE AD ON PAGE 11B

JAN 10 BUTLER, INDIANA: J & S FARMS — POLK AUCTION CO.. Tractors, farm equipment, other.. 10 am EST SEE AD ON PAGE 12B

JAN 10 MT. AYR, INDIANA: LAND AUCTION — JENKINS REALTORS. 110 acres +/-, home, barns, corn bin and pond.. 10 am CST

JAN 10 OWENSBORO, KENTUCKY: OLD LYDDANE FARMS — TRADITION AUCTION SERVICES, LLC. Milking hers & bred heifer dispersal.. 10 am CST SEE AD ON PAGE 12B

JAN 10 WILMINGTON, OHIO: K & C FARMS — THE WENDT GROUP. Farm equipment.. 10:30 am SEE AD ON PAGE 15B

JAN 11 NEWARK, ILLINOIS: ART HILLER — RICHARD A. OLSON & ASSOC.. Farm equipment.. 10 am SEE AD ON PAGE 17B

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JAN 11 OBLONG, ILLINOIS: KEITH BOUGHAN — JEFF BOSTON AUCTION SERVICE. Retirement farm auction.. 10 am Central SEE AD ON PAGE 14B

JAN 11 CONNERSVILLE, INDIANA: PAUL & RUTH PFLUM TRUST — WHITE'S AUCTIONS. Real estate.. 10 am SEE AD ON PAGE 10B

JAN 11 MONTPELIER, INDIANA: DARRELL E. & CONNIE S. BROWN — ELLENBERGER BROTHERS AUCTIONEERS. Real estate.. 11 am SEE AD ON PAGE 10B

JAN 11 GEORGETOWN, OHIO: RANDY & LAURA HANSELMAN — HESS AUCTIONS CO.. Farm equipment.. 10:30 am SEE AD ON PAGE 14B

JAN 13 REYNOLDS, INDIANA: XTREME CONTRACTORS — WILSON AUCTION & REALTY CO.. Online only, equipment, tools, other.. 10 am SEE AD ON PAGE 9B

JAN 14 VIRGINIA, ILLINOIS: MARTIN DAVIDSMEIER ESTASTE — SULLIVAN AUCTIONEERS. Farm machinery.. 10 am SEE AD ON PAGE 13B

JAN 15 ARCOL, ILLINOIS: STEVE & VICKY BRIGHT — SULLIVAN AUCTIONEERS. Farm retirement auction.. 9:30 am SEE AD ON PAGE 13B

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JAN 15 NORRIS CITY, ILLINOIS: JOSEPH A. FYIE — KURTZ AUCTION & REALTY. Real estate.. 10 am SEE AD ON PAGE 10B

JAN 15 FARMLAND, INDIANA: COX AND HERRON — SCHRADER REAL ESTATE & AUCTION CO., INC.. Real estate.. 6 pm SEE AD ON PAGE 11B

JAN 15 WINDFALL, INDIANA: LEGG HILLCREST FARMS — HALDERMAN REAL ESTATE. Real estate.. 6:30 pm SEE AD ON PAGE 10B

JAN 15 GREENFIELD, OHIO: ESTATE OF GARY W. COCKERILL, II — THE WENDT GROUP. Farm equipment.. 10:30 am SEE AD ON PAGE 16B

JAN 15 PORT WILLIAM, OHIO: FARM AUCTION — SHERICAN & ASSOC.. Real estate.. 4 pm SEE AD ON PAGE 10B

JAN 16 COLFAX, ILLINOIS: LONNIE & CURT MEINER — SULLIVAN AUCTIONEERS. FARM RETIREMENT AUCTION.. 9:30 AM CST SEE AD ON PAGE 13B

JAN 16 FRANKFORT, OHIO: JASON AND MANDY DUROSE — THE WENDT GROUP. REAL ESTATE.. 6 PM SEE AD ON PAGE 11B

JAN 17 CENTER POINT, IOWA: HAN-

SON JOINT REVOCABLE TRUST — SULLIVAN AUCTIONEERS. FARM RETIREMENT AUCTION.. 10 AM CST SEE AD ON PAGE 13B

JAN 17 ORIENT, OHIO: SHANNON FARM EQUIPMENT — THE WENDT GROUP. FARM EQUIPMENT.. 10:30 AM SEE AD ON PAGE 16B

JAN 17 OTTAWA, OHIO: MEYER RIVERVIEW FARMS, INC. — SIEFKER AUCTIONS. EQUIPMENT, TRUCKS, TRAILERS, OTHER.. 10 AM SEE AD ON PAGE 15B

JAN 18 GEORGETOWN, OHIO: CONSIGNMENT — BROWN COUNTY AG SOCIETY. FARM EQUIPMENT, MISC.. 10 AM SEE AD ON PAGE 10B

JAN 20 HUNTINGTON COUNTY, INDIANA: HARRELL FAMILY FARM — HALDERMAN REAL ESTATE. REAL ESTATE.. 6:30 PM SEE AD ON PAGE 9B

JAN 20 WABASH, INDIANA: MARK & DENISE MILLER — SULLIVAN AUCTIONEERS. Farm retirement auction.. 10 am EST SEE AD ON PAGE 13B

(Sale Calendar continued on page 8B)

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Sugar

FROM PAGE 2B

season. Sugarcane represents about 40-45 percent of sugar production in the United States.

This double whammy on U.S. sugar producers means U.S. sugar production will be down this coming year. However, reports from the USDA say that growers from Mexico, who produce sugar from sugarcane as well, will help to even things out with more exports of sugar to the United States.

According to the USDA's latest Sugar: World Markets and Trade report, Mexico's sugar production is estimated to fall 10 percent due to

the drought conditions. Sugarcane yield is down 11 percent as drought has severely reduced yields in some areas. The report states Mexican stocks are nonetheless expected to be sufficient to meet its export allocations to supply the U.S. market as needed.

Although this year's sugarbeet crop has been especially hard hit, recent years have seen a sugar supply glut around the world. Although Louisiana has had a hard time this year with its sugarcane crop, Florida – the largest sugarcane producer in the United States – is having an excellent year.

"NASS reduced Florida's sugarcane yield from 44.0 tons per acre to 42.5 in its December report," according to the December Sugar and Sweeteners

Outlook. "Either projection, if realized, would result in a record yield for the State."

But none of that was likely to make sugar growers having a tough time of it this year feel any better.

"It was a long, drawn out season because of the weather," said Jim Collom, a crop analyst at the National Agricultural Statistics Service (NASS) Michigan field office. "In early November we got some really cold weather, and got hit with some snow, so that was really a challenge for the beet growers."

The sugarbeet harvest wrapped up in Michigan a couple weeks ago. Collom noted that a lot of crops in Michigan have been harvested late this year. Field corn can and has

been left on the stalk into the winter and can be okay as long as it isn't snow covered. Collom said he saw farmers out in the field harvesting soybeans a couple weeks ago. In a note written in early November, Michigan State University extension specialist Michael Staton said that some soybean growers faced with a late harvest might decide to leave their beans in the field through the winter and then harvest them in the spring. But he called the practice risky.

In recognition of the late harvest, NASS announced on its national website last month it would continue publishing weekly Crop Progress reports beyond its previously scheduled date of Nov. 25.

Broadband

FROM PAGE 3B

northwest Indiana.

"The reason they've been left out is the private sector doesn't find it financially feasible to serve them. It's the only way to close the financial gap to make a company willing to take that little bit of an extra risk," he said.

Rodriguez said securing those dollars, though, can require extensive work to prove there's a real need and plan for extending service. His office and the La Porte County Broadband Task Force are teaming up to help local service providers obtain state funds in 2020 after their initial grant application this year was turned down.

A map illustrating where sufficient broadband is lacking in the county and options for extending service to those locations were among the undertakings in recent months to

improve the odds being awarded funding, he said.

Rodriguez said he also went to Washington D.C. several weeks ago to learn the latest about the broadband extension effort and meet decision makers to help with the USDA grant application once they're fully ready to apply.

"The USDA federal dollars will even require more preparedness than the state's application process," he said. Nearly half of the 120,000 people in La Porte County are in unincorporated areas. The biggest need is there in the southern part of the county where agriculture is most dominant.

Despite the work involved, Rodriguez said there's really no other choice for non-served or underserved areas to receive access. "It's to the point today if you're looking for a home people will take the home off the list if it doesn't have connectivity. The correct amount of connectivity. That's how high the stakes are of this work being done," he said.

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Sale Calendar

FROM PAGE 6B

JAN 21 PULASKI COUNTY, INDIANA: CARL MCCORMICK & PHYLLIS MCCORMICK — HALDERMAN REAL ESTATE. Real estate.. 6:30 pm SEE AD ON PAGE 14B

JAN 21 REDKEY, INDIANA: FORD FARMS — SULLIVAN AUCTIONEERS. Farm retirement auction.. 10 am EST SEE AD ON PAGE 13B

JAN 22 HUNTINGTON, INDIANA: JOHN STAHLY — SULLIVAN AUCTIONEERS. Farm retirement auction.. 10 am EST SEE AD ON PAGE 13B

JAN 23 DELAWARE COUNTY, INDIANA: RICHARD L. JOLLIFFE CREDIT TRUST — HALDERMAN REAL ESTATE. Real estate.. 6:30 pm SEE AD ON PAGE 14B

JAN 23 WINAMAC, INDIANA: DOUG & CHERYL PODELL — SCHRADER REAL ESTATE & AUCTION CO., INC.. Real estate.. 6 pm EST SEE AD ON PAGE 11B

JAN 24 HUNTINGTON, INDIANA: CPM LEGACY, LLC — SULLIVAN AUCTIONEERS. Farm equipment.. 11 am EST SEE AD ON PAGE 13B

Jan 25 Crown Point, Indiana: Cattle Sale — Linz Heritage Angus. Selling 80 service age bulls.. 2 pm CST SEE AD ON PAGE 19B

JAN 28 CASS COUNTY, INDIANA: KASCH — HALDERMAN REAL ESTATE. Real estate.. 6:30 pm SEE AD ON PAGE 9B

JAN 28 VAN BUREN, INDIANA: LARRY & JUDI PATTISON — SULLIVAN AUCTIONEERS. Farm retirement auction.. 10 am EST SEE AD ON PAGE 13B

FEB 4 NEW PARIS, INDIANA: CONSIGNMENT — POLK AUCTION. Ag and construction equipment.. 8:30 am EST SEE AD ON PAGE 18B

FEB 15 MARKLEVILLE, INDIANA: WINTER CONSIGNMENT AUCTION — JEFF BOONE AUCTIONS. Farm and construction equipment, tools, other.. 9 am EST SEE AD ON PAGE 10B

FEB 29 RUSHVILLE, INDIANA: CONSIGNMENT — NEW SALEM LIONS CLUB. Farm equipment, other.. 9 am SEE AD ON PAGE 11B

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Wayne County offers many sites for an old iron fix

FOUNTAIN CITY, Ind. — It is amazing how many places collectors can look to get their old iron fix! One place that may seem surprising is the Levi Coffin house. This wonderful historic site is the home where Catharine and Levi Coffin lived in Fountain City. The Coffin family traveled from North Carolina to Indiana in 1826. They opposed slavery and decided it was their Christian duty to help freedom seekers make their way to Canada. While slavery was illegal in the north, helping a runaway slave was against the law.

The tour of this National Historic site begins in the Visitors Center



WRENCHING TALES
By Cindy Ladage

where there is a film telling the Coffin story. Then visitors move to the home which is the third one the Coffins built in this town.

The home has eight rooms and is quite large. The home became known as the Grand Central Station of the Underground Railroad. Levi Coffin was called the President of the Underground Railroad. This is a term he was proud of.

Then the tour moves to the barn and this is where collectors will see some old iron and learn some very fascinating history. The local Quaker community knew the Coffins were housing slaves and they helped keep watch when bounty hunters would come.

They warned the Coffins and then they often moved slaves by the use of a false bottom wagon. There is an example of one of these wagons on display. "This wagon was owned by the Thornburg family," Janice McGuire, a volunteer at the site said.

Although the wagon is not one that belonged to the Coffin family it is an original and one from that time period. "It was restored by the Schwartz Buggy shop," Janice added.

As for the Coffin House, in 1847 the Coffins moved to Cincinnati. There Levi operated a wholesale warehouse. He

Left: This cool agricultural machine is on display at the Wayne County Historical Museum.

supplied goods to free-labor stores. They continued to help freedom seekers find their way to Canada until the war ended. Levi then wrote a book about their story. It is estimated the Coffins helped around 3,000 make their way to freedom!

A second site where tons of old iron and steam history can be found is at the Wayne County Historical Museum! Right out front is a beautiful Robinson Co. Richmond, Ind., steam engine with bright red wheels that is impossible to miss.

The museum was started by Julia Gaar. If her name sounds familiar, that is because her family established the Gaar Scott steam engines and threshing machines! In fact outside of town is where the beautiful Gaar Mansion built by Abram and Agnes Gaar is located.

The Wayne County Historical museum began after Julia made several trips around the world and began collecting. After her collection outgrew both her hotel suite, and the art museum where she was invited to display, she had to have more room. The answer was the Hicksite Meeting House, owned by Whitewater Meeting of Friends. The building was sold in 1929. The friends donated the building and Julia and the Wayne county Historical Society raised \$25,000 to buy the land.

The museum opened Aug. 13, 1929. Besides her amazing collection, there are several wonderful farm display items collectors will love. A walk through the museum of many buildings will offer up a model of the Elkhorn Roller mill, steam engines, a horse shoe collection from the "World's Greatest Horseshoer" William Wedekind and more.

There is amazing lawn and garden history of Elwood McGuire who opened a machine shop and built mowers and one of the first steam engines in the area, the Oscillating Cylinder Steam engine. His mower company was called Dille & McGuire Mfg. Co. and Richmond was called the Lawnmower Capital



Above: On display in the barn at the Levi Coffin house is an example of one of the false bottom wagons that the slaves were transported to freedom in.

of the world around the 1920s – 1940s!

This is just a small selection of what a collection will find. There are cars and farm machinery along with a general store, a blacksmith shop, log cabin and school house. It takes a couple hours to really cover this venue.

Below: Elwood McGuire's mower company was called Dille & McGuire Mfg. Co. and Richmond was called the Lawnmower Capital of the world around the 1920s - 1940s!



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ASPHALT PLANT & CRUSH PLANTS: Hetherington & Berner Asphalt Plant, 65 Ton/Hr., Steel 4-Bin Cold Feed System, Control House, Scales; **Eagle** 22080X Bar Hyd. Impact Crusher, 32"x6"; **Tyler** 330 Ty-Rocket Vibrating Screen Plant; **PAVERS:** '13 Weiler P385 Asphalt Paver; '96 Blaw Knox PF5510 Asphalt Paver Easy Screed II; '88 Blaw Knox PF115 – Parts; **WHEEL LOADER, SKID STEERS & ATTACHMENTS:** JD 624G Wheel Loader; '12 JD 323DS Track Skid Steer; Case 1835B Skid Steer; '13 Paladin/FFC Cold Planer; Carlson Power Broom; 7' Skid Steer Blade; CAT A10B Auger 6" & 24"; Allied Hammer; **ROLLERS:** '00 I-R DD-24 Dual Drum Vib.; '88 Case W252 Dual Drum Vib.; Dynapac 215 Dual Drum Vib.; Pettibone C-200 Single Drum Vib.; Tampo RS-166A Dual Drum Vib.; **EXCAVATORS & GRADER:** '09 Hitachi ZX200LC-3 Excavator; '16 JD 26G Excavator; '66 Galion T500A Motor Grader; **SEAL COAT MACHINE & OFFICE TRAILER:** **TRUCKS:** '99 IH 4700 Hot Box Asphalt Truck; '95 GMC Topkick Flatbed Dump; '95 Freightliner Tractor; '94 Ford L-7000 & L8000 Distributor; '86 Ford Distributor; **PICKUPS:** '04 Chevrolet Avalanche; '00 Dodge Ram 1500; '00 Ford F450SD XL Flatbed; '97 Chevrolet Cheyenne Dump; '96 Chevrolet Cheyenne Service Truck; '02 Ford F350SD XL Service Truck; **TRAILERS:** '86 Fruehauf Lowboy Trailer, Tri-Axle; '03 Tilt Deck Trailer; (6) Utility Trailers; Fuel Trailer; Tag Trailer, Tri-Axle; **FORKLIFT, AIR COMPRESSORS, WELDERS, TOOLS & MORE!**

EQUIPMENT TERMS: Visa, M/C or Wire Transfers. 18% buyer's premium added.

SELLER: XTREME CONTRACTORS
Visit our Website for More Info.

WILSON AUCTION & REALTY CO., LTD.
825 N. Main St. Bryan, OH 43506 / 419-636-5500
Toll Free: 866-870-5500

Auctioneers: Brent J. Wilson, CAI – Lic #AU09000116,
Wayne M. Wilson, CAI – Lic #AU01013662
Bart Westfall – Lic #AU11000039
www.WilsonAuctionLtd.com

Wayne Twp - Huntington County

ABSOLUTE AUCTION

January 20th • 6:30 p.m.

Huntington County Fairgrounds - Heritage Hall

40+/- Acres

Good Soils with Open Ditch Outlet Across the Road

Owner: Harrell Family Farm

HALDERMAN
REAL ESTATE & FARM MANAGEMENT
HLS# JRR-12435 (20)
800.424.2324 | halderman.com

Jon Rosen: 260.740.1846
Rick Johnloz: 260.827.8181

Auctioneer: Russell D. Harmeyer,
IN Auct. Lic. #AU10000277,
HRES IN Lic. #AC69200019

Celebrating 90 Years 1920-2020

Noble Twp - Cass County

AUCTION

January 28th
6:30 p.m.

Cass County Fairgrounds

57+/- Acres - 3 Tracts

Good Farmland, Rural Home, Woods & Potential Residential Building Site

Owner: Kasch

HALDERMAN
REAL ESTATE & FARM MANAGEMENT
HLS# LWJ-12454 (20)
800.424.2324 | halderman.com

Larry Jordan: 765.473.5849
AJ Jordan: 317.697.3086

Auctioneer: Russell D. Harmeyer,
IN Auct. Lic. #AU10000277,
HRES IN Lic. #AC69200019

Celebrating 90 Years 1920-2020

FARM AUCTION

NORTHERN CLINTON CO
138 Acres Selling in 3 Tracts
Wed ♦ January 15 ♦ 4:00 PM

Property Location: Hiney Rd, Wilmington, OH
Auction Location: Port William Sr Citizens Center
50 Port William Rd, Port William, OH

**Call or visit us on the web for
complete Bidder Package**

*Excellent natural habitats
for a wide diversity of
wildlife and fauna. Build
your house or barn on
one of numerous sites
and enjoy the country life
– hunt or hike on your
back acreage! Just
minutes from US 68 & I-
71, w/easy access to
Caesar Creek State Park,
Wilmington, & Xenia.*

Tract 1 - 46 Ac

Tract 2 - 39 Ac

Tract 3 - 54 Ac

92 Acres Tillable
Creek & Woods

SHERIDAN

& ASSOCIATES AUCTIONEERS, REAL ESTATE BROKER, APPRAISERS, LLC
(937) 766-2300
www.SheridanTeam.com



BROWN CO. FFA CONSIGNMENT AUCTION

SATURDAY, JANUARY 18, 10 AM

Brown Co. Fairgrounds, GEORGETOWN, OHIO

Consign your items today!
Contact us at: 937-618-0894
bcffaca@yahoo.com

Items will be received on-site the week of the sale
starting at 10 AM on Wednesday, Thursday, and
Friday (1/15-1/17).

Progressive Commission Rates with a basis of:
\$5 per item sold under \$50, 10% for \$50- \$500, 7.5% for
\$501-\$1000, 5% for \$1001 and over.
No Sale Fee of \$15 per item.
Max Commission of \$300 per item; Min \$5 per item.
More than 10 items – no sale fee \$8 per item.
Proceeds of commissions will benefit Eastern Brown,
Fayetteville, Georgetown, and Ripley FFA programs.
No auto tires without rims, household items or junk.

Auctioneer: Campbell Auctioneers
Go to Auctionzip.com for more info at ID #1183.

TELL THEM YOU SAW THEIR AD IN



*“Thank You”
for saying you saw it
in Farm World!*

Wildcat Twp - Tipton County

Auction

January 15th • 6:30 p.m.
Windfall Community Building
Excellent Farmland
184.69^{+/-} Acres - 3 Tracts

Owner: Legg Hillcrest Farms, INC
& Kathy Krol Farm

HALDERMAN

REAL ESTATE & FARM MANAGEMENT
HLS# JMW-12458 (20)
800.424.2324 | halderman.com

Jaret Wicker: 765.561.1737
John Miner: 765.438.2699

Auctioneer: Russell D. Harmeyer,
IN Auct. Lic. #AU10000277,
HRES IN Lic. #AG6200019



90 Years
1930 - 2020

WINTER CONSIGNMENT AUCTION

SATURDAY, FEBRUARY 15th @ 9:00 AM EST

On-Site: Mort's Auction Field 4377 E. US Hwy. 36 • Markleville, IN 46056

**PREPLANT - TRACTORS - FARM EQUIPMENT - CONSTRUCTION - TAXI VEHICLES -
LAWN & GARDEN - SHOP/HAND TOOLS - LIVESTOCK EQUIPMENT - TRAILERS
WAGONS OF SMALL ITEMS & MORE!**

Early Consignors receive a ton of free advertising and exposure!
CONSIGNMENT DROP-OFF DATES/TIMES:
Mon., Jan. 20th thru Fri., Jan. 24th, 10 AM-4 PM
Mon., Jan. 27th thru Fri., Jan. 31st, 9 AM-5 PM
Sat., Feb. 1st, 9 AM-3 PM
Mon., Feb. 3rd thru Fri., Feb. 7th, 9 AM-6 PM
Sat., Feb. 8th, 9 AM-3 PM
Mon., Feb. 10th thru Weds., Feb. 12th, 9 AM-6 PM
Thurs., Feb 13th & Fri., Feb. 14th - NO CONSIGNMENTS ACCEPTED
Sat., Feb. 15th at 9:00 AM EST SALE DAY!!!



4377 E. US. Hwy 36, Markleville, IN 46056 • Cell: 765-621-9116 • Office: 765-779-4000
Email: JeffBooneAuctions@gmail.com • Website: JeffBooneAuctions.com



**NO BUYER FEES
NO HIDDEN RESERVES**

ABSOLUTE AUCTION

Wednesday, January 15th at 10 AM
196 ± Acre Farm
Hamilton County, IL

Location: From US 45, 3.6 mi. south of I-64 (Exit 110) follow auction signs west 1 mi. then north on CR 25 E 1.3 miles **Auction Site:** American Legion, 200 E. 2nd St., Norris City, IL



*Stock Photo

• Crouch Township on the White Co. line • 177 tillable acres • Good productive soils • Oil income

Contact Jason Blue, Auctioneer for full info & map or go to kurtzauction.com
Broker/Auctioneer Lic# 441.001707/475.156553

Sellers: Joseph A. Fyie, Vincent Fyie Jr., & Barbara Tilford
Announcements made day of sale take precedence over printed matter.

(812) 452-3191
kurtzauction.com

Kurtz

AUCTION & REALTY.

Poultry

FROM PAGE 1B

“We foresee tremendous growth opportunity,” he said. “It’s probably beyond our imagination, our realization what it’ll be at this point. We’ve never seen a situation like this, with such wide spread loses in a different industry.”

He said ASF and the impact on the market was going to change international trade for all meats and the impact might be noticeable for the next 10 years.

“These people that are losing their pork sources, they’re used to low cost protein, beef is not normally described as one of those,” he said. The demand for poultry has already increased.

Companies have already ramped up packaging and shipping and the product to meet the new demand is expected to be on the water before January, he said.

With seven new production facilities coming online in the next two years, production in the U.S. might increase as much as 10 percent and Sumner isn’t sure that will be enough to meet the demand he expects to see from Asian countries.

Other countries are also increasing poultry production, he said.

The biggest obstacle will likely be supplying a sufficient genetic stock from the primary breeders. He said the companies that produce the breeding stock are already near the maximum output. This is a global issue.

Overall, though, he says the export industry looks positive for 2020 and not just to Asia. ASF is going to impact the movement of pork exports globally. As a result, countries producing pork may ship more to Asian countries, leaving a hole in the animal protein market. Markets, like Mexico, that already import U.S. poultry, may need to import more poultry to meet the demand. Turkey is often used for a pork substitute in

the Mexican market and the demand for turkey might increase as a result.

“There are so many looming factors for what the future holds ... Except that it should be very bright for the poultry industry,” Sumner said.

For the first time in a decade, the U.S. has no known cases of Avian Influenza, he said. If the country can remain free of the disease, the growth trajectory will continue. However, Mexico currently has an outbreak of AI and migratory birds transmit the disease to domestic flocks.

“I’d say the key for success for all meat proteins can be tied into one hyphenated word: bio-security,” he said. “We learned our lessons in 2014-2015. Our industry is much more vigilant than they have been before.”

Migration season is a critical time for poultry farmers. Extra care needs to be taken not just to contain the domestic birds, but to keep outside contamination from the flocks. Truck tires moving from one farm to another, even shoes of people moving from outside a barn to the inside, can carry the disease.

“Disease is always a concern and heightened bio-security in the broiler industry is the new norm. Not just on the farm, but it carries all the way up the chain, from the breeder farm, to the hatchery, to the feed mill, the farm and the processing plant,” Super said.

During winter, when birds are more susceptible to AI, farmers and companies take extra precautions with bio-security. He suggested growers check out the USDA Defend the Flock Program to learn more.

The industry is always monitoring developments in bio-security and technology, he said.




Software can connect inside the chicken house to the farmer’s phone or computer. The software can track the birds’ water and feed intake, humidity and ammonia levels. If something is off, the farmer will get an alert, Super said. The software is constantly evolving to be better.

Public Auction

SATURDAY, JANUARY 11th, Starting at 10:00 AM

AUCTION TO BE CONDUCTED ON-SITE:
8917 E. St. Rd. 18, MONTPELIER, IN 47359
72 Acres +/- Acreage Subject to Change – Survey In Progress, located at 8917 E ST Rd. 18, Montpelier, IN 47359. Section 6 – Range 12-E, Harrison Township, Blackford County, Indiana.
DARRELL E. & CONNIE S. BROWN, SELLERS

Terms: Real Estate Selling AS-IS. Earnest Money \$20,000 due day of sale (NON-REFUNDABLE).
Seller pays Real Estate Taxes due in 2020, Buyer's tax obligation beginning with May 2021 installment. Possession delivered on day of final closing. 100% Possession to Buyer for 2020 Crop Year. Closing on or before February 26th, 2020. See website for complete list of terms and conditions.




BLUFFTON, INDIANA 260-824-2426
FT. WAYNE, INDIANA 260-747-3189
1-800-373-6363
www.EllenbergerBros.com

PUBLIC AUCTION

106 Acres Vacant Land - Nearly All Tillable
1/2 mile South of Everton, IN
Located in Sections 28 (T13N), & 21 (T13N) in Jackson Township – Fayette Co., IN
Offered in 2 Parcels – 58+/- Acres & 48+/- Acres
Auction will be held at 6192 South SR #1, CONNERSVILLE, IN
SATURDAY, JANUARY 11 - 10:00 AM

North Parcel – Approx. 58 acres of vacant land (Mostly Tillable) w/frontage along SR# 1, North of the Residence.
South Parcel – Approx. 48 acres of vacant land (Mostly Tillable) w/frontage along SR# 1, South of the Residence.
Property Inspection: Upon Request
Auctioneer’s Note: Mr. Plfum farmed this property for many, many years and raised lots of live-stock during that time. Fertility has been kept at a high level, waterways have been well maintained and the property has been kept as a “Showplace” during his ownership.
COME OUT & TAKE A LOOK!
Call Dave White for more information - 765-265-3883
PAUL & RUTH PFLUM TRUST – OWNER
Details available soon Whiteswebsite.com



DAVE WHITE
AU01015949
765-647-5360

JONATHAN WHITE & THOMAS
AU0102200103
765-265-3886

BURKE THOMAS & TEBBE
AU0010100106
765-458-6202

ADAM TEBBE
AU11600009
513-383-7757

More information @ WHITESWEBSITE.COM

NEW SALEM LIONS CLUB ANNUAL CONSIGNMENT SALE

**SAT., FEB. 29, 2020
AT 9 AM**

RUSHVILLE, INDIANA

NOW TAKING CONSIGNMENTS
FOR SALE LISTING
ABSOLUTELY NO
HOUSEHOLD GOODS
WILL BEGIN ACCEPTING ITEMS ON
**FEBRUARY 12, 2020
9 AM TILL 4 PM**

**MONDAY THRU SATURDAY,
NO SUNDAYS**

**NOTE: Only tires with tractor type
tread ON RIMS will be accepted.
NO OTHER TIRES ACCEPTED!!!**

**NOTE: Items accepted at the
discretion of the sale committee - last day
to bring items is Feb. 25, 2020 by 4 PM.**

**TO CONSIGN,
CALL ONE OF THE FOLLOWING:
LARRY T. JOHNSON 765-938-3872
BRIAN JOHNSON 765-561-0268
DAVID WILSON 765-679-5987
NEW SALEM LIONS CLUB BLDG.
765-932-5200**

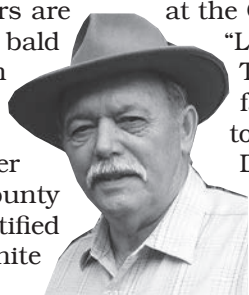
Ring in the New Year with hunting, hiking and other outdoor opportunities

Indiana Conservation Officers are investigating the shooting of a bald eagle in Lawrence County on Friday, Dec. 20, 2019. Shortly before 4:30pm, a Lawrence County Animal Control Officer and employees of Brown County Indiana Raptor Center were notified by a landowner south of the White River near Dixie Highway of the discovery of an injured eagle. The eagle, which had recently suffered an apparent gunshot wound, was treated for injuries, but died shortly thereafter.

Indiana Conservation Officer Ryan Jahn took possession of the carcass on Dec. 21, 2019 and initiated an investigation into the shooting. A reward is being offered to anyone with information concerning the investigation. Anyone with information is encouraged to contact Indiana Conservation Officers' Central Dispatch at 812-837-9536 or through the anonymous tip line at 1-800-TIP-IDNR.

Learn To Hunt Squirrels

On Jan. 4, the Division of Fish & Wildlife will be conducting a workshop



**SPAULDING OUTDOORS
By Jack Spaulding**

at the Crosley Fish & Wildlife Area, "Learn To Hunt Squirrels." The workshop is tailored to families and individuals new to hunting.

During the workshop, participants will become familiar with: Methods and strategies for hunting squirrel; Basic firearms safety in the field; Shot placement (where to aim); Hunting with a mentor; and How to process and cook

harvested game. Firearms and ammunition will be available for participants needing them. The workshop will be outside, please dress accordingly. Long pants, boots, and jackets are recommended. A hunter orange hat or vest is required to be worn during the hunt.

There is no fee to participate in the workshop. Participants must have a valid Indiana hunting license. Participants under 18 years old must be accompanied by a parent or guardian to attend.

Pre-registration is required to participate in the workshop due to limited space. Register online at http://www.in.gov/activecalendar_dnr/EventRegistration.aspx?Rid=1689&Id=65863&Frm=

The workshop will be held at Crosley Fish & Wildlife Area, 2010 State Road 3 South, North Vernon, IN 47265 in Jennings County. Phone: (812) 346-

5596

Contact Information: Chad Springer Phone: 812-346-5596 Email: cspringer@dnr.IN.gov

State Parks Offer First Day Hikes on New Year's Day

Usher in 2020 with other outdoor lovers at one of the many First Day Hikes offered January 1 at Indiana's state parks. First Day Hikes are a healthy way to start the New Year and provide a chance to get outside, exercise, enjoy nature and connect with friends. Information on First Day events in Indiana is at bit.ly/2S6yOT6.

First Day Hikes originated more than 20 years ago at Blue Hills Reservation, a state park in Milton, Massachusetts. The program was launched to foster healthy lifestyles and promote year-round recreation at state parks.

Contact your local state park, reservoir or state property for information.

Trails Board Nominations & Trails Grant Applications

The DNR is seeking nominations for five openings on the state's Indiana Trails Advisory Board (TAB). The openings are for representatives of the following trail-user groups: environmental groups, hikers, mountain bikers, trail support groups, and users with disabilities. Nominations will be accepted by the

(Spaulding continued on page 13B)

**150±
Acres**

Land Auction

Thursday, January 23 • 6pm (EST) | Pulaski County • Winamac, IN

• **13± Miles SW of Winamac, IN • 8± Miles SE of Francesville, IN**
• **Irrigated Farm • Quality Land**

AUCTION LOCATION: Knights of Columbus Hall • 340 E 50 N, Winamac, IN. From the intersection of SR 14 & US 35, take US 35 approximately ½ mile north to CR 50 N (Alliance Bank), turn & go east approximately ½ mile east to Knights of Columbus Hall.

PROPERTY LOCATION: From the intersection of SR 39 & SR 14, take SR 14 2 miles east to CR 700W, then take CR 700W 6 miles south. The property is on the SE corner of 700W & 600S.

TRACT INFO: 150± ACRE tract of land with 135.7 tillable acres & 8.1 acres in CRP program. This tract has quality soils, A Valley 3 Tower towable center pivot, JD power unit (4906 hrs.) generator & 2017 Berkley 25 hp, 3" electric pump. This tract has frontage on CR 700W, 600S & 650 S.

RE Taxes (2018 - Pay 2019): \$1,671.26/yr. **Other (Ditch):** \$205.76/yr.

INSPECTION DATE: Wed., Jan. 8 • 3-5pm (EST) or call Jim for a private showing.

OWNERS: Doug & Cheryl Podell | **SALE MANAGERS:** Jim Hayworth • 888.808.8680 or 765.427.1913 & Jimmy Hayworth • 219.869.0329 AC63001504, AU08700434, AU11300081

800.451.2709 • www.SchraderAuction.com **SCHRADER**
Real Estate and Auction Company, Inc.

FARM EQUIPMENT AUCTION Wednesday, January 8, 2020 – 10:00 AM

As I have retired from farming, I will sell the following, located at

10601 S. County Road 400 E., WALTON, IN

Go South of Logansport, IN on State Road 29 to State Road 218, then East to Cass County Road 400 E., then South; or go West of Galveston, IN on State Road 18 to Cass County Road 400 E., then North. Watch for auction signs.

COMBINE, HEADS & GRAIN CART

2014 John Deere S660 combine, 971 engine & 662 sep. hours, bin extension & cameras; 2014 JD 630F, Hydra-flex grain head w/Unverferth HT30 head trailer; 2014 JD 608C 8x30" corn head w/Unverferth HT25 head trailer; Unverferth 9250 grain cart w/tarp & auger camera.

TRACTORS & BACKHOE

2014 JD 9460R 4WD tractor, 834 hours, non-DEF, Visi-Trak monitor, 4 remotes, extra weights; 2013 JD 6170R MFWD tractor, 975 hours, 4 remotes, rear duals, 3 pt., non-DEF; Case 580 Super-M loader/backhoe, 5628 hours, Extenda-hoe & 3-way bucket.

SEMIS, HOPPER BOTTOMS & TRAILERS

2006 Freightliner Columbia conv. day-cab semi-tractor, Detroit, twin screw, 566,000 miles; 2000 Freightliner 120 conv. day cab semi, Cummins N-14, 10 spd., twin screw, 720,000 miles; 1998 IH 9200 Eagle conv. semi, sleeper, single axle, Cat C-10, 10 spd., 812,000 miles. 2018 Timpit 40 ft. alum. hopper bottom trailer w/roll tarp; 2016 Timpit 38 ft. alum. hopper bottom trailer w/roll tarp; 2013 Thunder Creek 650 gal. tandem fuel trailer with 100 gal. DEF tank; 2013 Coyote gooseneck flatbed tandem trailer, 25 ft. bed, 5 ft. dovetail.

FARM EQUIPMENT

2011 JD 4630 sprayer, 80ft. boom, 600 gal., air ride, AWD, 501 hours; JD 1775NT 12x30" vac planter, 415 gal. fert. tank, 2-35 bu. center fills; Unverferth Seed Pro 200 bulk box tender; 3-Starfire 300 units, 2630 & 2600 monitors; JD 2210, 36 ft. field cult. w/harrow & rolling baskets; Westfield MK-100-71 10" PTO auger w/swing auger; Westfield WR-100-31 10" auger w/10 hp - 220V motor; 1200 gal. & 2-2500 gal. poly tanks & Banjo valves; mixing tank; 1000 gal. skid fuel tank w/pump.

OWNER: Jump Farms, Inc., David Jump (President/CEO) 574-721-5264 (text w/questions or call & leave message)
NOTE: A great opportunity to purchase well serviced, shedded, late model farm equipment! Combine, heads, tractors, sprayer & many other items purchased new. **TERMS:** Cash or check w/proper ID. Out-of-state checks need bank letter of guarantee. Not Responsible for Accidents or for Items After Sold. **Only 10 minutes of misc. items, so plan to be on time!

See www.auctionzip.com (auctioneer ID: 2980) for complete listing & photos.

CRAFT & MICHAEL AUCTIONEERS, INC. - FLORA, IN
Greg Michael, auctioneer 574-361-8898 (#AU01030717)



LAND AUCTION THURSDAY, JANUARY 16TH • 6PM ROSS COUNTY • FRANKFORT, OHIO 206± ACRES OFFERED IN 4 TRACTS Tracts Ranging from 6± to 157± Acres

AUCTION SITE: Sunroom at the Brick, 113 E. High St., Frankfort, Ohio.

PROPERTY LOCATION: 4 miles south of Frankfort on Core Road (just north of OH-28)

PROPERTY DESCRIPTION: This farm includes 86± acres of cropland (per the Ross County Farm Service Agency.) Investigate the opportunity to increase the tillable acreage. Little Creek flows through the property providing an excellent drainage outlet. If hunting is your goal, the property layout is fantastic with plenty of food, water, and cover with ideal habitat and travel corridors. **FSA and Tax Information available upon request**

Owners: Jason and Mandy Durose • For questions, contact: Dale Evans 260-894-0458

INSPECT THE PROPERTY:

An auction representative from The Wendt Group will be available on Thursday, January 2nd • NOON-2PM
Walk-over inspections are welcome.

www.thewendtgroup.com • 614.626.SOLD

Randolph County, Indiana Land Auction

WEDNESDAY, JANUARY 15 • 6PM

**63±
Acres**

Offered in 3 Tracts or Combinations

• *Quality Farmland with Good Frontage • Available for 2020 Crop Rights • Great Income Producing Farm • Beautiful Country-Style Homesites • Just outside of Farmland Along SR 32*

Property Location (from Farmland, IN): From the intersection of SR 1 & SR 32 on the north edge of Farmland, travel west on SR 32 approximately ½ mile to the property.

Auction Location: Farmland Community Center, Downtown Farmland • 100 N. Main Street, Farmland, IN (former grocery store).

Section 13, Township 20 N, Range 12 E, Monroe Township, Randolph County, IN

Tract 1: 55± acres, nice size all tillable tract. Mostly Pewamo, Glynwood and Blount soils. County legal drain for good drainage outlet. Ample frontage and access on SR 32.

Tract 2: 4± acres, mostly wooded tract with access along SR 32. This is a very attractive building site close to town and the school. Perfect to combine with Tract 3 for a larger homesite. Don't miss this one!

Tract 3: 4± acres, beautiful location for your country home yet close to town. A rare auction opportunity - consider the possibilities! Access along SR 32.

Inspection Date: January 2 • 10am-Noon. Meet a Schrader Rep at Tract 1.

Sellers: Jack & Marcia Cox and Eileen Herron Estate
Sale Manager: Mark Smithson #AC63001504, #AU10100108

800.451.2709 • www.SchraderAuction.com **SCHRADER**
Real Estate and Auction Company, Inc.

Northcentral Ohio Grazing Conference

BY SUSAN MYKRANTZ
OHIO Coorespondent

MT. HOPE, Ohio — Milk quality, soil health and forage quality, will be among the topics of the 2020 Northcentral Ohio Grazing Conference, Jan. 23-24, 2020 at the Mt. Hope Event Center at 8074 SR 241 in Mt. Hope, Ohio.

Featured speakers during the two-day event include Jeff Bewley, Ph.D. Dairy Scientist, Rineyville, Kentucky, Dave Brennan, DVM, Ashland, Ohio, Kent Solberg, Grazing Specialist, Verndale, Minnesota, and Judith Mudrak, author and European Tour Organizer, South Hampton, New Jersey.

The conference opens on Thursday, Jan. 23 and highlights include a presentation “Maximize Returns Through Soil Health/Adaptive Grazing” by Kent Solberg, “Producing High Quality Milk Has Never Been So Important” by Dave Brennan, break-out sessions including “Keeping Your Milk Marketable and Your Farm Profitable” by Dave Brennan, and “Strategic Fencing for Managed Grazing.” Afternoon breakout sessions include “Maximizing Efficiency and Profitability on Your Farm” by Doyle Stoller and wrapping up the day with Kent Solberg on “Build a Forage Chain with Cover Crops for Dairy, Beef and Sheep.”

On Friday, Jesse Ramer and John Mark Weaver will lead off the sessions with a presentation titled “Zero in

on Performance Through Genetics, Grazing and Quality Forages”, followed by “Lean Farming” by Jeff Bewley and break-out sessions including “Cow Focus Barn Design” by Jeff Bewley, and “Traditional Swiss Farming Tour” with Judith Mudrak.

The afternoon session will offer a choice of two breakout sessions including a panel discussion on “Pasture Longevity vs Renovation” presented by Mervin Hershberger, Atlee Miller, Jesse Ramer and John Mark Weaver, with Jerry D Miller as the moderator and a discussion on Quality Food for the Homemaker with Judith Mudrak..

The afternoon concludes with a session by Judith Mudrak titled “Visit Ukraine Agricultural Area and Market; Horned Cows or Not?”

The deadline for registrations is Jan. 13, 2020. Cost of the conference is \$40 for the first person from each farm and \$40 for each additional person from the farm if made before Jan. 13, 2020. Participants may also register for a single day; either Jan. 23 or Jan. 24 at a cost of \$25. After Jan. 13, registrations may be made at the door and the cost is \$65 for both days and \$55 for a single day. The conference fee includes meals, breaks, registration and the vendor show. Checks should be made payable to the Small Farm Institute and mailed to PO Box 214, Millersburg, Ohio 44654

The conference is sponsored by the Northcentral Ohio Grazing Council, and the Small Farm Institute.



THE WENDT GROUP
Land & Agricultural Asset Auctions

UPCOMING AUCTIONS

JAN. 3RD FETTERS FARM EQUIPMENT AUCTION
FRIDAY, JANUARY 3, 2020 • 10:30AM
3528 Creek Road, Washington C.H., Ohio
Tractors, Tillage & Planting, Combine, Harvest Equipment, Grain Cart & Trucks, Trailers & More!

JAN. 10TH K&C FARMS EQUIPMENT AUCTION
FRIDAY, JANUARY 10, 2020 • 10:30AM
2939 Stingley Road, Wilmington, Ohio
Tractors, Harvest Equipment, Tillage, Miscellaneous Equipment & More!

JAN. 15TH COCKERILL FARM EQUIPMENT AUCTION
WEDNESDAY, JANUARY 15, 2020 • 10:30AM
7715 SR 41, Greenfield, Ohio
Tractors, Tillage & Planting, Combine, Harvest Equipment, Grain Cart, Trucks, Trailers & More!

JAN. 17TH SHANNON FARM EQUIPMENT AUCTION
FRIDAY, JANUARY 17, 2020 • 10:30AM
13624 Federal Road, Orient, Ohio
Tractors, Skidloader, Tillage & Planting, Harvest Equipment, Forage & Silage Equipment, Hay Equipment, Livestock Trailer & Equipment, Semis, Trucks, Trailers & More!

JAN. 31ST MOELLER FARM EQUIPMENT AUCTION
FRIDAY, JANUARY 31ST, 2020 • 10:30AM
3665 Middle Run Road, Spring Valley, Ohio
Tractors, Tillage & Planting, Hay Equipment, Harvest Equipment, Trucks, Rotary Mower & More!

AUCTION CALENDAR @ THEWENDTGROUP.COM

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J&S Farms FARM TRACTOR & HAY EQUIPMENT AUCTION
FRIDAY, JANUARY 10
10 AM EST
2010 County Road 61
Butler, IN 46721
TRACTORS – FARM EQUIPMENT
SELF-PROPELLED MOWER/CONDITIONER
VEHICLES – TRAILERS – GRAIN BINS – MISC.

John & Sandy Harrison started J & S Farms 26 years ago in Butler, IN. They've decided to depart from farming hay as they have for the past 20 years. They will, however, continue to farm other crops in the future.

Check our website for online bidding, updated listing & photos
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Old Lyddane Milking Herd & Bred Heifer Dispersal
Friday, January 10th, 2020 • 10:00 A.M. CST
At the Farm • Owensboro, KY
170 Registered Holsteins Sell!
130 Milk Cows • 40 Bred Heifers
May just be the best group we've ever had!
SCC 150,000 • Over 4% Fat 3.4% Protein • Top 10 BAA Herd Consistency 150-200 Cows
Over 20 Mogul daughters sell
Other sires: Atwood • Doorman • Diamondback • Pety • Monterey • Kingboy
Gold Chip • Defiant • Solomon • King Tut
Many EXCELLENT cows and daughters of EXCELLENT cows sell!



Other Sale Highlights:

- A Sr. 3 year old for summer! Rocky-Top Atwood Visa due in May to Tempest. She has 3 EX-93 dams, all Nom Jr. All American. Her Goldwyn sister was 2nd Jr. 2 year old as the NAILE.
- Old Lyddane Goldwyn Joy EX-91. Will have milking daughters by Windbrook, Mogul, Aftershock & Diamondback. Joy also has several Mogul granddaughters fresh.



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John Kuegel
for additional sale information and photos

Cowbuyer Representatives
Chad Griffith
513-543-2315

Owner/Sale Site
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John Kuegel, Jr.
5230 Old Lyddane Bridge Rd., Owensboro, KY 42301
John 270-316-0351 • jlkuegel@gmail.com

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Spaulding

FROM PAGE 11B

DNR Division of Outdoor Recreation through Dec. 30.

Nominees should be involved with a regional or statewide organization, club or association related to the trail-user group they would represent. Selected board members would serve a three-year term starting March 1, 2020 and attend quarterly meetings. TAB meetings are on the first Thursday of March, June, Sept., and Dec. All meetings start at 3:00pm local time, with locations varying throughout the state.

The 15-member voluntary TAB advises DNR director Cameron F. Clark

on trails-related issues. Members are also encouraged to report any news from their respective user groups to the board as well as share pertinent trail information with their constituents.

Having the TAB is required for Indiana to receive funding from the Recreational Trails Program (RTP) through the U.S. Department of Transportation's Federal Highway Administration. The state annually distributes \$1.2 million in RTP grant funding to acquire and develop trails for both motorized and non-motorized trail use.

Units of governments and 501(c)(3) non-profit organizations are eligible to apply for RTP funds. Applicants for RTP funds for their trail projects may request between \$50,000 and \$250,000, which is an increased maximum from the

previous year. All applicants must provide a 20% match to be eligible. Grant applications for RTP funding are due to the DNR Division of Outdoor Recreation by March 1, 2020.

To learn more about the Indiana Trails Advisory Board and nomination information, see dnr.IN.gov/outdoor/4094.htm.

For more information about the Recreational Trails Program, including how to apply, see: dnr.IN.gov/outdoor/4101.htm

Workshop for Waterfowl Control Operators

Waterfowl control operators (WCOs) are invited to attend the 2020 Waterfowl Workshop on Thursday, Jan. 23, 2020 at Fort Harrison State Park. The workshop will run from noon to 3:30pm in Recreation Building 702. All contractors who want to become qualified as WCOs to conduct waterfowl trapping, transporting, relocation and/or euthanasia for hire during 2020 are invited to attend. All first-time WCOs must attend the workshop.

Attendance is encouraged for all WCOs, but individuals who have attended the DNR waterfowl workshop in previous years may opt to test out. If you are interested in taking the test, please contact Debbie Walter at dwalter@dnr.IN.gov or 812-789-2724. The 2020 exam will be available Jan.

27, 2020.

Employees of WCO contractors are welcome to attend the training, but only individuals physically conducting waterfowl trapping, transporting, relocating, and/or euthanizing for hire are required to attend.

If you are pursuing qualifying status for goose euthanasia for the first time, you will also need to provide a certificate of attendance to the Nuisance Wildlife Control Operators Association (NWCOA) goose management course or a Division of Fish & Wildlife approved eight-hour equivalent goose course. WCOs are not qualified to conduct waterfowl management activities until all necessary paperwork has been received.

For more information on becoming a WCO and to register for the workshop, contact Jessica Merkling, urban wildlife biologist at jmerkling@dnr.IN.gov or 260-244-6805.

'till next time,
Jack

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

Jack's first book, The Best Of Spaulding Outdoors, a compilation of his favorite articles over 30 years is now available as a Kindle download or as a 250 page paperback from Amazon.com.



No-Reserve Farm Retirement Auction

FRI., JANUARY 17TH @ 10:00 A.M. CST
HELD AT THE FARM: 4894 HEINS ROAD, CENTER POINT, IA 52213

DETAILS & PHOTOS ONLINE:
www.SullivanAuctioneers.com

HIGHLIGHTS INCLUDE: CASE-IH MX230 MFWD TRACTOR; CASE-IH MXM155 MFWD TRACTOR; CASE-IH 1MXM 175 2WD TRACTOR; CASE-IH 5140 2WD TRACTOR; CASE-IH 2388 COMBINE & HEADS; AND A FULL LINE OF FARM EQUIPMENT.

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No-Reserve Farm Retirement Auction

TUES., JANUARY 28TH @ 10:00 A.M. EST
HELD AT THE FARM NEAR VAN BUREN, INDIANA (50 MILES NE OF INDIANAPOLIS)

DETAILS & PHOTOS ONLINE:
www.SullivanAuctioneers.com

HIGHLIGHTS INCLUDE: Case-IH 290 Magnum MFWD tractor; Case-IH 9370 Steiger 4WD tractor, 6,445 hrs.; Case-IH 9170 4WD tractor, 1,589 hrs. on OH; Case-IH 2388 4WD combine, 4,380 eng./2,905 sep. hours; Case-IH 3408 8R30" corn head; Case-IH 1020 30' grain head; Brent 772 grain cart; JD 1790 CCS 16/32 planter; Case-IH RMX340 31' disk; Case-IH 4200 34' soil finisher; Case-IH 4300 30' field cultivator; Unverferth 1225 34' rolling harrow; Unverferth 1225 30' rolling harrow; Unverferth 2 box seed tender; Peterbilt 377 semi; Timphe hopper bottom trailer; IH 4900 grain truck; And much more! **Auction Manager:** Zach Hiner (260) 437-2771

Larry & Judi Pattison Owners

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NO-RESERVE FARM RETIREMENT AUCTION

WEDNESDAY, JANUARY 15TH AT 9:30 A.M.

PHYSICAL ADDRESS: 3942 E Co. Rd. 1900 N, Arcola, IL 61910

HIGHLIGHTS INCLUDE: '12 JD 9510R 4wd tractor, 1,744 hours; '11 JD 8235R MFWD tractor, 3,574 hours; '08 JD 5425 MFWD tractor, open station, loader, 1,735 hours; '94 JD 5400 2wd tractor, open station, 591 hours; '13 JD S670 4wd combine, 1,760/1,230 hours; '13 JD 608C 8 row 30" corn head; '11 JD 635F Hydraflex platform; Unverferth HT36 head cart; Unverferth HT25 head cart; '12 Case-IH 1250 16 row 30" planter; JD 2210 45'6" field cultivator; Brent 782 grain cart; J&M 375 ST seed tender; Case-IH 870 9-shank disk ripper; Bush Hog 297 7' 3-pt. rotary cutter; Kuntz 12' pull-type box blade; (2) Hutchison 10"x62' swing away augers; '98 Ford Louisville tandem axle grain truck, Kann 20' aluminum bed; '02 Ford F350 4wd pickup, 7.3L diesel, 175,201 miles; '69 Ford Mustang Coupe, 51,306 miles; '11 JD X740 lawn mower, diesel, 436 hours; '03 JD X595 lawn mower, diesel, 1,057 hours; Kawasaki 610XC Mule 4wd UTV, 288 hours; Cat 422S 3,000 lb. forklift; (2) 2,500 gal. fuel tanks; 2 row 30" planter and 1 row planter; Shop tools and more!

AUCTION MANAGER:
Matt Sullivan (309) 221-7001 | Steve (217) 254-4839 & Vicky (217) 254-9358

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No-Reserve Farm Retirement Auction

TUES., JANUARY 21ST @ 10:00 A.M. EST
HELD AT THE FARM NEAR REDKEY, INDIANA (50 MILES NE OF INDIANAPOLIS)

DETAILS & PHOTOS ONLINE:
www.SullivanAuctioneers.com

HIGHLIGHTS INCLUDE: (2) JD 8235R MFWD tractors, 2,275 & 1,110 hrs; JD 2950 tractor, 9,276 hrs; JD 3020 tractor, shows 5,559 hrs; JD 4440 tractor, 13,716 hrs w/JD 158 loader; JD 9670 combine, 1,904 eng./1,288 sep. hrs; JD 893 8R30" corn head; JD 630F 30' flex platform; JD 1770NT 16R30" planter; JD 1850 drill w/1910 cart; J&M 875 grain cart; Brent 640 gravity wagon; JD HX15 batwing mower; JD 8300 drill w/grass seed; JD 337 baler w/ JD 40 kicker; JD 726 19' soil finisher; JD 960 30' field cultivator; JD 940 cultimulcher; Krause 6900 11 shank disc-chisel; JD AMS equipment; IH 9100i single axle semi; Hawk Master 24' hopper bottom trailer; Farm support items & more!

FORD FARMS Owner

Auction Manager
Zach Hiner
(260) 437-2771

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No-Reserve Farm Retirement Auction

THURS., JANUARY 16TH @ 9:30 A.M. CST
HELD AT THE FARM: 22677 N 3400 EAST RD. COLFAX IL 61728

DETAILS & PHOTOS ONLINE:
www.SullivanAuctioneers.com

HIGHLIGHTS INCLUDE: '07 JD 8430 MFWD tractor, ILS, PS, 4,190 hours; '13 JD 6140R MFWD tractor w/loader, 649 hours; '10 JD 9770STS combine, 1,984 eng./1,438 sep. hours; '16 JD 635FD 35' flex draper head; '04 JD 893 8R30" corn head; J&M 1326 grain cart; (2) J&M 540 gravity wagons; Fast 8100 17-knife sidedress applicator; Woods BW180X 15' batwing mower; JD 845 12R30" cultivator converted to strip fresher; Case-IH 183 8R30" cultivator; JD 400 30' rotary hoe; JD 1100 21' 3-pt. field cultivator; (2) IH 720 5/16 plows; Shop built 4-box seed tender on running gear; IH 806 diesel tractor; Farmall Super MTA tractor; JD 750 compact utility tractor; Frontier BB2060 5' 3-pt. box blade; Frontier GM1072 6' 3-pt. finishing mower; King Kutter 5' 3-pt. rotary mower; Midstate 1,200 gal. SS tank & pump; (2) Ace RotoMold 5,000 gal. poly tanks; '05 Volvo daycab truck, 514k miles; '12 Timphe 40' hopper bottom trailer; '01 Ford F350 diesel flatbed pickup, 207k miles; '08 Hillsboro 30' gooseneck flatbed trailer; Plus much more.

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No-Reserve Farm Retirement Auction

MON., JANUARY 20TH @ 10:00 A.M. EST
HELD AT THE FARM NEAR WABASH, INDIANA (50 MILES NE OF INDIANAPOLIS)

DETAILS & PHOTOS ONLINE:
www.SullivanAuctioneers.com

HIGHLIGHTS INCLUDE: '04 New Holland TG255 MFWD tractor, 3,268 hours; IH 1066 tractor, 7,209 hrs.; IH 806 tractor; New Holland CR960 combine, 2,387 eng./1,692 sep. hours; New Holland 996 8R30" corn head; New Holland 74C 30' grain platform; JD 1790 CCS 16/32 planter; New Holland 1411 disc-bine; New Holland BR740A round baler; J&M 825 grain cart; Brillion 7 shank disc-chisel; Kewanee 18' disk; IH 24' field cultivator; Unverferth 26' rolling harrow; IH model 80 snowblower; Implements & farm support items.

Auction Manager: Zach Hiner (260) 437-2771

Mark & Denise Miller OWNERS

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No-Reserve Farm Retirement Auction

WED., JANUARY 22ND @ 10:00 A.M. EST
HELD AT SULLIVAN AUCTIONEERS' HUNTINGTON, INDIANA FACILITY

DETAILS & PHOTOS ONLINE:
www.SullivanAuctioneers.com

HIGHLIGHTS INCLUDE: JD 8430 MFWD tractor, 1,995 hours; JD 9530 4WD tractor, 2,696 hours; JD 4955 2wd tractor, 6,537 hours; Gleaner S67 combine, 1,430 eng./903 sep. hours; Agco 8200 30' grain platform; Gleaner 3000 8R30" corn head; J&M 875 grain cart; J&M 375 seed tender; White 9800 16R30" planter; Kinze 2600 12/24 planter; Sunflower 4511 disc-ripper; Sunflower 5055 45' field cultivator; J&M 46' rolling basket; Sunflower 33' disk; Nitromaster 7200 17 knife NH3 bar; Hitachi EX 200 LC excavator; IH dresser 175C crawler loader; (3) AG leader Geo Steers; AG leader Integra Screen; AG leader Compass Screen; AG leader Versa Screen; Sterling semi; Ford Aeromax semi; (2) Wilson hopper bottom trailer; Trail King detach lowboy trailer; Plus much more!

John Stahly Owner

Auction Manager
Zach Hiner
(260) 437-2771

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No-Reserve EQUIPMENT AUCTION

FRI., JANUARY 24TH @ 11:00 A.M. EST
HELD AT SULLIVAN AUCTIONEERS' HUNTINGTON, INDIANA FACILITY

DETAILS & PHOTOS ONLINE:
www.SullivanAuctioneers.com

HIGHLIGHTS: '14 JD S650 combine, 170 eng./85 sep. hours; '11 JD 7430 Premium MFWD tractor, 687 hours; Kinze 3500 8/15 planter; J&M 875 grain cart; McFarlane RD4014 14' reel disk; Blu-Jet AT3000 11-knife liquid fertilizer applicator; Great Plains 1300 3-shank in-line ripper; (2) Killbros 387 gravity wagons; Mayrath MKX100-63 10"x63' swing-away auger. This an outstanding line of like-new farm equipment!

Also selling for Risner Farms: C-IH 5230 tractor, 2wd, 18.4x38 tires, Hub duals, 11L-16 fronts, 2 remote, sells w/520 loader, 2101 hrs; '14 Kinze 4900 planter, 24x30, liquid fertilizer, No-till, pneumatic down pressure, individual row shut off seed & fertilizer, markers, software updates, low acres—Excellent!; 29' Sunflower 1435-29 disc, rock flex, 7.5" spacing rear hitch; '15' Bush Hog 2715 batwing mower, very low time.

CPM Legacy, LLC Owner

Auction Manager
Zach Hiner
(260) 437-2771

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NO-RESERVE FARM MACHINERY ESTATE AUCTION

TUES., JANUARY 14, 2020 AT 10 A.M.
Physical Address: 1002 South Cass St., Virginia, IL
Martin Davidsmeier Estate - Penny Davidsmeier - Owner

TRACTORS: '08 New Holland TJ380 4wd tractor, 2,176 hours; '09 New Holland T8010 MFWD tractor, 1,971 hours; '11 John Deere 6115D MFWD tractor, 906 hours; '75 John Deere 4030 2wd tractor, open station, 5,177 hours; **COMBINE & HEADS:** '11 John Deere 9570 STS 2wd combine, 1,670/1,186 hours; '10 John Deere 606C 6 row 30" corn head; '09 John Deere 625F 25' Hydraflex platform; EZ-Trail 672 25' head cart; **GRAIN HANDLING EQUIPMENT:** Brent 672 grain cart; Parker 650 gravity wagon; Brent 450 gravity wagon; EZ-Trail 500 gravity wagon; Parker 250 bu. gravity wagon; 150 bu. gravity wagon with Westfield 6"x12' hyd. drive auger; Brandt 1070 10"x70' swing away auger; Westfield MK 130-71 13"x71' swing away auger; Westfield MK 100-61 auger; Wheatheart GHR 100-31 10"x31' truck auger; Westfield WR 80-61 8"x61' truck auger; Feterl 8' transfer auger; **FARM EQUIPMENT:** '04 John Deere 1760 12 row 30" planter; '14 Case-IH Turbo 330 25' vertical tillage tool; DMI 730B eco-lo-tiger 7-shank disk ripper; '11 John Deere HX15 15' batwing mower; John Deere 8300 13' grain drill; Arts-Way 450 grinder mixer; John Deere F950 16' cultimulcher; Woods 1050 3-pt. backhoe; Bush Hog 121 9' 3-pt. blade; Kuhn 10' pull-type box blade; Rhino 184 7' 3-pt rotary cutter; Rhino 8' 3-pt. blade; Farm Star 6' 3-pt. root rake; 10'x5' barge wagon with hoist; 12' hyd. lift hog cart; Shop built 14' dump trailer; Shop built 18' flatbed trailer; **TRUCKS & TRAILER:** '00 IH 8100 day cab truck, showing 418,289 miles; '05 Wheeler 23' steel hopper bottom trailer; '76 Chevrolet C60 grain truck, showing 73,126 miles; **SKID LOADER:** Bobcat 553 skid loader, 1,057 hours; Farm support items. **AUCTION MANAGER:** Matt Sullivan (309) 221-7001

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Catching loose hogs can lead to important life lessons

The pigs got out again. That’s all I needed to hear to settle in for a fun story about the happenings of the day in my husband’s FFA class.

It is a daily question, “Can we go to the barn?” That is what nearly every junior high student asks as they walk in the classroom. You would think a retired dairyman would relish hearing a teenager say, “Can we go to the barn?” The single thing that holds him back is the trouble they always seem to get into when they head out. If they wear good shoes and get manure on them, they are in trouble. If they go out and the boys decide to start a pick-up game of baseball in the barnyard with whatever they can find to use for bats and balls, someone invariably gets unintentionally hit with an out-of-



TRUTH IN THE TRENCHES
By Melissa Hart

control object. And sometimes when they go out, they actually have to pitch manure and that is never a popular activity. The other day, he sent one of his responsible students out to check on the pigs and she came back with the news that the pigs were out. Like every farmer responding to his children he asked, “How did they get out? Everything was fine when I checked them this morning?” And she responded with the familiar line, “I dunno.” The boys were instantly on top of the rescue operation. They were ready to follow their leader out to the barn and capture the renegade hogs. One boy in particular, who has had extensive hog handling experience, (showing hogs in 4-H) saw this as a great opportunity to use the hog snare. He begged and pleaded Mr. Hart to get the snare

out so he could demonstrate his hog handling expertise. Mr. Hart relented knowing that as soon as he snared the hog, the ensuing squealing would surprise the boy and he would let him go. And he did. So, Mr. Hart and his hog wranglers implemented ‘Plan B.’ He had one student who knew what to do, three students who tagged along at a cautious distance and one eager beaver, we’ll call him ‘Bubba,’ who was always in the way. At every turn, Mr. Hart was saying, “Bubba, get out of the way, that’s where we want the hog to go.” Or, “Bubba, don’t stand in

front of the hog, come around behind.” Or, “Bubba, would you please get out of the pen, that’s where we are trying to get the hog to go!” Only, I would surmise, his language was a little more terse and to the point. Mr. Hart and the hog wranglers were able to capture the renegade swine and as every good teacher uses every experience for teaching, he was able to knock out three lessons learned: Hogs are noisy. Hogs won’t go through a gate when Bubba is standing in the way. Bubba’s career path should probably veer away from livestock handling.

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Auction

January 23rd • 6:30 p.m.

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Keith Boughan Retirement FARM AUCTION

SAT., JAN. 11, 2020 @ 10:00 A.M. CENTRAL OBLONG, ILLINOIS (10 mi. southwest of Robinson)

LOCATION: 4837 E. 325th Ave., Oblong, IL 62449. DIRECTIONS: from the west side of Robinson & Hwy. 33, go west approx. 3 mi. to “Stoy” Rd., turn south for 3 ½ mi. to CR 700 N, turn west for ¼ mi. to CR 575 E, turn south for approx. 3 ½ mi. to CR 325 N, turn west & proceed 1 mi.

For complete listing and 100’s of photos, visit bostoncentury.com
Online bidding will be available at bostoncentury.hibid.com on select items.

RO-GATOR: 1997 Ag-Chem “Ro-Gator” 554, 4x4 w/60’/80’ boom, new 660-gal. s.s. tank, 20” spacing, 3-way air induction nozzles, Raven 660, 5.9L “Cummins”, Hydro drive, heat, A/C, light bar, & F.S. 320/85R38 radials (local 2-owner, always farmer owned, nice, 2965-hrs, comes w/ fenders); (4) 24.5x32 floater tires & wheels; **TRACTORS: 1981 Versatile 895** w/CAH, “Bareback”, (4) SCV’s, 12/4 trans, and great! F.S. 20.8R38 radial duals, 855 Cummins (5500 hrs, over 300 hp); **1979 Versatile 875** w/CAH, “Bareback”, (4) SCV’s, 12/4 trans, and near new inside F.S. 20.8R38’s, outside are Super All-Traction F.S. (been O/H, 6675 hrs, over 300 hp); **1988 White 185** MFWD, CAH, 18/6 trans, 3-pt, lg. 1000 PTO, (3) SCV’s, (11) front weights, F.S. 18.4-42 radial duals, Cummins (188 PTO hp, 5393 hrs); **1980 White 2-180**, CAH, 18/6 trans, 3-pt, lg 1000 PTO, (2) SCV’s, (11) front weights, F.S. 20.8-38 radial duals, 3208 CAT (182 PTO hp, 6792 hrs); **Oliver 1650 gas “Survivor”**, W.F., 3-pt, 540, weights, (2) SCV’s, & F.S. 16.9-34’s (5318 hrs); **COMBINES, HEADS, and CARRIERS: CIH 2388, 4x4** w/“AFX”, chopper, “Field Tracker”, bin ext, PF3000, F.S. 20.8-38 radial duals, & more (2808/3984 hrs, SN JJC0198434); **CIH 1020**, 30’ w/3” cut; **CIH 1083**, 8R30 C.H. w/hyd. deck plates; **30’ & 25’ head** carriers; **JD 6R C.H. carrier**; **1982 MF 850 Diesel/Hydro 4x4** w/chopper, Perkins eng. & newer style “Mud Hog” (4332 hrs) sells w/**MF 1859**, 20’ platform; **(2) MF 1163** and (1) **1143** C.H.’s; (2) **F.S.** 68x50.00-32 floater tires & wheels w/deep tread; **GRAIN HANDLING: Brent 782 grain cart**, lg 1000, 18’ frt. corner auger, hyd. spout, xInt F.S. 30.5-32 radials, tarp (new in 2012, red, very low usage, sharp); **2018 Hutchinson 62’x10” swing away** w/hyd. lift (xInt, 16k bu. of use); **(4) DMI “Big Little”** side dump wagons w/tarps; **KB 165-bu. seed wagon**; **EZ-Trail 16’ hyd. wagon auger** w/elec. shut-off; **1977 Drake tandem dual wheel GN grain trailer** w/18’ M.W. steel bed, floor, hoist (w/title); **PLANTERS: 2007 Kinze 3650**, 16/31, no-till w/liq. pop-up fert, seed firmers, KPM II, (16) Precision corn meters, & (31) lg. Kinze bean plates (only 21k total acres, very nice); **John Deere 7240**, 8/15 split-row, no-till w/3-bu. boxes, 200 monitor, & (15) bean plates; **TILLAGE: outstanding Krause 7300, 34’x8”** finish disk w/rear hitch & hyds (2000 acres); **Kongsilde “Res-Till” 3500**, 31 ½’ S-Tine field cult w/dble rolling baskets (nice); **IH 415, 25’ flat-fold culm mulcher, PM 24’ crummulcher**, JD 712, 23’x16-sh. disk/chisel; (2) & 37 ½’ **UF 1225** “Rolling Harrow” cumbler w/bridge hitch; **DMI 30’ crumbler** w/bridge hitch; **JD 230-29’** “Waffle” disk w/rear h & h; **Clark 9/11-sh.**, 3-pt NH3 appl. w/monitor; **JD 400-20’**, 3-pt hoe; **JD 360-24’x9”** “swing around” disk; **IH 490**, 32’x9” disk; MF 880, 6-bott. s.m. plow; 30’, hyd.-fold harrow-gator; JD 12’, 11-sh. disk/chisel; IH 12R & 6R danish-tine cults; **SPECIALTY: 20’ wide pull-type land leveler; Hurricane** pull-type 36”, sm. 1000 ditcher; **Amco** AD10-18, 1000 PTO, 3-pt ditcher (low usage); **Eversman 2SD, 2-yd dirt pan; Clark LP 2-stage forklift**; **TRUCKS: 1996 Ford F350, XLT, crew cab, 4x4 dually** w/9’ service bed, 460 V-8, auto, power equip. (“Rebuilt” title, only 67k, looks & runs good, white); **1975 Chev C60 S.A. w/10’ flatbed**, semi 5th wheel hitch, 366 V-8, 4 & 2-spd, & PTO (90k); **1977 Chev 30, 1-T w/9’ flatbed**, 350, 4-spd; 1997 Ford F150 “Lariat” ext. cab, 2WD p.u. (rebuilt title, not running, 128k); **GRAIN TRUCKS: 1979 Chev C70, 10-wh, twin screw w/18’ alum. M.W. bed**, 60” sides, cargo doors, hoist, tarp, 427, 5 & 2-spd (127k); **1977 IH 1800, 10-wh, twin screw w/18’ M.W. steel bed**, 52” sides, hoist, tarp, great! F.S. 10:00x20 rubber, 446 V-8, 5/4 trans; **1973 Chev C65 S.A. w/15’ M.W. bed** and hoist, 366 V-8, 5 & 2-spd (91k); **EQUIPMENT: 3-pt to pull-type equip. dolly adapter, Snyder ATV 42’ boom sprayer**, 1500 & 1700-gal. poly fert. tanks; 3000-gal., glass lined, steel water tank; Weatherhead hyd. hose machine & fittings.

TERMS: All items sold As-Is.

For questions regarding equipment, contact Keith Boughan @ (618) 562-7895

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AUCTION

120+/- Acres - 2 Tracts

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90 Years

1930 - 2020

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REALTORS

Hanselman Farm Equipment Auction

Located at Brown Co. Fairgrounds, 325 W. State St. (St.Rt.125), Georgetown, Ohio, 45121. (tractor pull pit area)

SAT., JAN., 11, 2020 at 10:30 AM; (No small items, so be on time!)

FARM MACHINERY: 95 JD 9500 combine, 4x4, non contour, 3000 separator hrs.; 96 JD 693 corn head, 6 row w/ poly snouts; 01 JD 925F bean head, 25’ w/ Thomas header cart; 94 JD 6400 tractor W/ROPS, power quad duals; 82 JD 2940 tractor w/Koyker 565 loader, bucket & pallet forks; JD 450G dozer, 6 way blade w/ roll bar canopy; 93 Kinze 2300 12/23 no till planter; J&M 620 grain cart w/ roll tarp, scales; J&M 250 wagon w/13’ auger & Auger Mate w/Honda motor; Great Plains 660 pull type sprayer, 60’ booms, Raven 440 monitor & foam markers; JD HX10 pull type cutter, good; 13 Farm King 1000’ gal. tank, 11 row liquid knife applicator, good; Mayrath 10’x32’ transport auger; JD 960 23 1/2’ field cultivator w/ 5 bar harrow; **INT. ROAD TRACTOR - WILSON GRAIN TRAILER:** 96 International 9200 road tractor, day cab, 10 speed Cummins eng., tandem axle, good; 18 Wilson Commander 34’ alum. hopper grain trailer w/tarp, black; **ITEMS ADDED BY NEIGHBORS:** 89 JD 4955 dsl. tractor, MFWD, cab, power shift, duals, front, wts.; 16 GatorMade 25’+5’ dove tail w/ramps, tandem dual wheel, flatbed trailer (Owner Richard Terry for info. call 513-515-2682); 14 Kubota M8560 tractor w/cab heat, ac, 12x12 shuttle shift, like new w/ Kubota 1353 loader, bucket and hyd. hookup for grapple; (Owner: Patrick Swartz- 937-213-1576) 2016 Kinze 3000 no till 6 row planter w/ 5 splitters, monitors, 1/2 rate sprockets (6 corn meters & 11 brush soybean meters), dry fertilizer, planted less than 300 acres, **like new:** (Owners- Ohio Valley Ag business Program at Ohio Valley Career & Tech Center.) for info. call Luke Rhonemus @ 937-779-6334; Luck Now TMR 220 feed mixer w/digital scales, good; 22’ Dunham Lehr harrowgator; (Owner - John Beasley - for info. call 937-515-8205); 2010 Elite polished alum. 8x26 show livestock trailer w/ramp, 2 sliding cut gates, awning, black skin nose and top: (Jones show cattle) **AUCTIONEER’S NOTE:** Randy is now working at Koenig Equipment Co. and is changing his operation due to being on the road selling equipment more. He has rented his farm and has decided to sell this good line of equipment. Items are in good condition and field ready. Auction will last less than an hour, so again be on time! **Live internet bidding available through Liveauctions.tv bidders must register prior to auction. Internet bidding terms and questions contact Margo Paeltz @ 937/515/1194. Please register early. Items may be viewed JAN. 10** **TERMS:** Cash or check w/ proper ID. Any announcements made by auctioneer on day of sale will take precedence over this ad.

LiveAuctionsTV

Owners: Randy & Laura Hanselman

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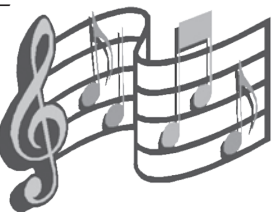
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“Re-Dunn” the importance of covering hits from the past

BITTERSWEET, Ky. — As someone who cut their musical teeth playing with a multitude of garage bands, I know well the art of performing cover songs. While many of those bands played original music, the regular club circuit required at least four full sets of music whether original or not. And every good garage band plays most any club or venue that will allow them in.

So, having multiple sets of cover music was, and remains a necessity



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if you want to get regular work. Besides, most audiences expect it.

I say all that to say this. Most of the top 40 artists are playing their own stuff, or music that was written for them. But occasionally, well-known performers will record cover hits, often as a way to pay homage to a particular entertainer or musical genre.

With a wide array of new music expected to hit the airwaves in 2020, one of the early-year releases, and one I’m really excited about, comes

from Ronnie Dunn of Brooks and Dunn fame.

The release, appropriately titled “Re-Dunn,” includes rock and country hits that were huge when originally released, and if you are as big a fan of Dunn as I am, this will undoubtedly make its way to your collection on or soon after its Jan. 10 release date.

I must say, this album showcases the versatility Dunn has always possessed as a performer. As I have said about other artists in the past, Dunn could sing the phone book and make it sound great. But his vocals on hits from such greats as

George Strait and Eric Clapton really shine on this compilation of some of the greatest hits to ever grace the airwaves.

A few of my favorites from “Re-Dunn” include the Eagles great hit, “Peaceful Easy Feeling,” “How Long,” by the Paul Carrack-led group Ace from 1974, and the Electric Light Orchestra’s “Showdown.”

And these are just a small sample of the 24 hits included on this album. I’m really excited for its release and if the rest of 2020 has as much to offer, musically, as this selection, the New Year could be a banner one for music lovers.

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THE WENDT GROUP
Land & Agricultural Asset Auctions

K&C FARMS EQUIPMENT

AUCTION

FRIDAY, JANUARY 10TH, 2020 AT 10:30AM

2939 Stingley Road, Wilmington, Ohio 45177

Directions: From I-71 & St. Rte. 68 (exit 50) – Take State Route 68 north 1 mile to Mt. Pleasant Road. Turn left (west) and travel 1.5 miles to Stingley Road. Turn right (north) on Stingley Road and travel .2 miles to 2939 Stingley Road. **Note:** All hours & mileage are prior to 2019 fall harvest.

Inspection Date:
Saturday, Jan. 4th
9am-Noon

ANTIQUE TRACTORS • Massey Harris 101 Junior tractor, 12-38 tires, narrow front, 540 pto • **McCormick Farmall H** tractor, 12.4-38 rear, narrow front, side pulley, 540 pto • **John Deere H** tractor, NEW 9.5-32 rear, narrow front, 540 pto • **1937 John Deere Unstyled B**, steel wheels, narrow front • **1937 John Deere Unstyled A**, 11-36 tires, narrow front, 540 pto • **1942 John Deere Styled A**, New 12.4-38 rear tires, narrow front, 540 pto • **1942 John Deere Styled B**, 11.2-36 rear, narrow front, 540 pto • **John Deere G**, 13.6-38/12-38 rear, wide front, 540 pto, SN 48616 • **John Deere 730** tractor, diesel, 16.9-34 rear, wide front, fenders, 2 hyd remotes, 540/1000 pto, 7126 original hrs, new OH, PS

JOHN DEERE 20 SERIES TRACTORS • John Deere 7520 tractor, 4WD, diesel, 18.4-34 duals, original fenders, CHA, cab interior kit, 3 hyd remotes, 1000 pto, 3 pt, 9862 hrs • **John Deere 7020** tractor, 4WD, diesel, 18.4-34 duals, original paint, motor overhaul, CHA, Syncro, 3 hyd remotes, 1000 pto, 3 pt, 7500 hrs • **John Deere 5020** tractor, diesel, 20.8-38 duals, New inside tires, 11.0-16 wide front, ROPS w/ canopy, Syncro, 2 hyd remotes, 1000 pto, 3 pt, front wts, 7099 hrs • **John Deere 4620** tractor, diesel, 18.4-38 new inside rear, axle duals, 11.00-16 wide front, ROPS w/ canopy, 2 hyd remotes, 1000 pto, 3 pt, front wts, shows 21 hrs, approx. 6000 hrs • **John Deere 4520** tractor, diesel, 18.4-38 rice & cane axle duals, 11.00-16 wide front, ROPS w/ canopy, Syncro, 3 hyd remotes, 1000 pto, 3 pt, front wts, 4972 hrs • **John Deere 4320** tractor, diesel, 18.4-38 duals, 10.00-16 wide front, Syncro, 2 hyd remotes, 540/1000 pto, 3 pt, front & rear wts, 7924 hrs • **John Deere 4020** tractor, diesel, 18.4-34 tires w/ clamp on dual rims, 11L-15 front, ROPS w/ canopy, Syncro, 2 hyd remotes, 540/1000 pto, 3 pt, sells w/ John Deere 148 loader w/ 7' bucket, 6461 hrs • **John Deere 3020** tractor, diesel, 18.4-34 rear, clamp on duals, 11L-15 narrow front, Syncro, 2 remotes, 3 pt, 540/1000, front wts, 3448 hrs • **John Deere 2520** tractor, diesel, 14.938 tires, 7.5L-15 front, ROPS/canopy, Syncro, single hyd remote, 540/1000 pto, 3pt, 6020 hrs • **1964 John Deere 4020** tractor, powershift, major overhaul on motor, 12V system, dual hyd remotes, wide front, 7,130 hrs, SN 87337

JOHN DEERE 30 SERIES TRACTORS • John Deere 8430 tractor, 4WD, diesel, 20.8-34 duals, CHA, Quad range, 3 hyd remotes, 1000 pto, 3 pt, quick hitch, 9029 hrs • **John Deere 4630** tractor, diesel, 20.8-38 hub duals, 14L-16 front, CHA, Quad range, 2 hyd remotes, 1000 pto, 3 pt, quick hitch, front wts, 7104 hrs • **John Deere 4430** tractor, diesel, 18.4-34 hub duals, 10.00-16 front, CHA, Quad range, 2 hyd remotes, 540/1000 pto, 3 pt, front wts, 6420 hrs • **John Deere 4230** tractor, diesel, 18.4-34 hub duals, 10.00-16 front, CHA, Quad range, 2 hyd remotes, 540/1000 pt, 3 pt, front & rear wts, 5201 hrs • **John Deere 4030** tractor, diesel, 18.4-34 rear, rear wts, 9.5-15 front, 4-post canopy, Syncro, 1 hyd remote, 540 pto, 3 pt, sells w/ John Deere 148 loader w/ 7' bucket, 3622 hrs • **John Deere 2630** tractor, diesel, 16.9-28 rear, 9.5-15 front, 1 hyd remote, 540 pto, 3 pt, 4260 hrs • **John Deere 2030** tractor, diesel, 16.9-28 rear, 7.5-15 front, canopy, power shuttle, 2 hyd remotes, 540 pto, 3 pt, brush guard, 3668 hrs

TILLAGE & PLANTING • John Deere 290 planter, pull type, markers, 6.4-15SL tires • **2-row 30" Allis Chalmers** plate planter • **18' John Deere 220 disc**, hyd fold, 9 inch spacing • **15' McKey field cultivator**, Danish tine, 3 pt, hyd fold, rear

baskets • **14' harrogator**, hyd lift, manual fold • **4-shank Tye Paratill**, leading coulters, depth wheels, 3 pt • **John Deere 825** row crop cultivator, 6 row, 30", 3 pt, Danish tine, rolling fenders • **John Deere 1350-1450 5 x 16" plow**, hyd tail wheel, coulters • **John Deere 4 x 16" plow**, pull-type • **(2) John Deere 3-btm x 16" plow**, pull-type • **International 2 or 3 btm plow**, pull-type

HARVEST EQUIPMENT • John Deere 893 corn head, fluted rolls, contour sensors, poly • **(2) 20' John Deere header wagon**, 9.5 L-15 tires • **300 bushel gravity seed wagon**, 15' poly cup auger, hyd power unit, 12.5-15 tires • **Westfield MK 100-61 swing-a-way auger**, 540 pto, hyd raise • **Cardinal 10" x 51' top-drive auger**, 540 pto, crank raise/lower

TRUCKS & TRAILERS • 1988 Peterbilt 379 semi, ext hood, 3406B CAT 425 hp, 13-speed Eaton, Peterbilt air leaf, single line wet kit, day cab, 220" WB, 11 R 24.5 tires, 6 alum wheels, Shows 105,541 miles, Salvage Title • **1988 Peterbilt 379** semi, ext hood, 444 Cummins, 15-speed, Peterbilt Air Leaf, single line wet kit, 200" WB, 285/75 R 24.5 tires, 6 alum wheels, shows 520,937 miles • **1988 Ford F800 grain truck**, single axle, 427 V-8, auto, 11 R 22.5 tires, 16" Omaha Standard bed, wood floor, pto, hoist, air brakes, roll-tarp, shows 42,276 miles • **1974 Ford 900 grain truck**, tandem axle, gas V-8, 5 + 2, 10.00-20 tires, 18" wood floor, pto, hoist, air brakes, shows 21,615 miles • **1973 Fruehauf 28' flat trailer** w/ sides & tarp kit, tandem axle, 10.00-20 tires • **24' Allied trailer**, tandem axle, (3) 1200-gallon poly cone tanks • **8' x 20'+5' gooseneck trailer**, dual tandem, ramps, movable dovetail, NO title • **Single axle trailer dolly**

NH3 BARS & TANKS • (2) 11-shank Blu Jet NH3 bars, 3 pt, hyd fold, gauge wheels, rear hitch, leading coulters • **17 gallon poly educator tank on stand** • **1500 gallon flat bottom poly tank** • **(2) 1200 gallon flat bottom poly tank** • **200 gallon round poly tanks** • **50 gallon front mount poly tank** • **CAMPER & ATVS • 2006 Pilgrim 39' Open Road Puresport Toyhauler camper**, tri-axle, king bed, kitchen, washer & dryer hookup, microwave, electric or propane refrigerator/freezer, refueling station, outside shower, air compressor, radio inside/outside, bunk bed, sleeps 8, 2 slide-outs, 5th wheel/gooseneck, dual AC • **2010 Polaris Ranger RZR**, 800 EFI, AT26 x 12 R 12 rear, AT26 x 9 R 12 front, half doors, 102 hrs, 899 miles • **2008 Argo Frontier 650** 6x6 ATV, 24 x 10.00-8 tires, 256 hrs • **Dune buggy**, VW air-cooled gas engine, 31 x 15.5-15 rear, 6.70-15LT front • **Honda Big Red 3-wheeler**, new 25 x 12.00-9 tires • **13 ½' aluminum boat** w/ trailer, no motor • **8' camper shell**

TRENCHER & MISC. EQUIPMENT • Vermeer V450 Trencher, parts machine, backhoe attachment, JD diesel • **Gas powered walk-behind trencher**, Kohler gas • **John Deere 544 Payloader**, 17.5-25 tires, shows 1074 hrs, SN 0767621 • **16' Frontier MS 1237** manure spreader, 540 pto, 16.5-16.1 tandem, slop gate, upper beater, has only spread lime sludge • **15' John Deere 1508** rotary mower, hyd fold, 1000 pto • **6' John Deere 3pt. rotary mower** • **10' snow plow** blade from dump truck • **30' Quality Metal Works** weed wiper cart • **John Deere 535** pull-type sprayer, 350 gallon tank, 30' boom • **Misc tires & rims**, 18.4-38 truck, implement, clamp dual rims

ONLINE BIDDING AVAILABLE

For Online Bidding Questions Call Nathan Whitney (740) 505-0482

For Equipment Questions Call: Kenny Beam 937-604-5856

Auction Manager: Nick Cummings CAI 740-572-0756

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“FRIDAY” * JANUARY 17th, 2020
10:00 A.M. Sharp!

1 mile South of Ottawa, OH on SR 65 to Rd. M West on M to Rd 11-J South to Rd. M-10 West to Auction ~ “WATCH FOR AUCTION SIGNS”

“LIVE INTERNET BIDDING” ~ (Live bidding starts after small items)
For signup and more info go to **“PROXIBID.com/Siefker”**

TOMATO EQUIPMENT * IRRIGATION * TOMATO TRAILER

2002 PIK-RITE 190 Tomato Harvester w/Double Color Sorters, Overhead Vine Assist, Overhead Hyd Head Control, Vine Chopper; Tomato Vine Diverter; Checchi & Magli Top 24 5x60" Double Drop Carousel Planter, Single Operator on FF JD Frame w/Plant Racks/1,500 Gal. Poly Tank; Johnson 5x60" Power Bedder; 5x60 Chemical Incorporator Fluffer; Flat Fold 5x60 Tomato Cultivator w/Side Dress GD Pump; Cadman 5000 Wide Body Hose Reel w/Gun/1,200' Hose, Hyd Set Stabilizers, 350' Range; Cadman 3750 Traveler Hose Reel w/1,200' Hose, Gun 240' Range; Cadman 6003 Hose Reel, 3 Pt., Used Once; Rovatti Irrigation Pump w/JD Power Unit/ Hale Primer on Trailer; Rupp PTO Irrigation Pump; Rovatti 3 Pt. PTO Irrigation Pump; APP, 150 Pieces 5" Alum. Irrigation Pipe; 3PT, 3x Deep Shank Ripper w/HD Rear Clod Buster Basket; Triple K 25' Tomato Cultivator; Buckeye 3pt. Tape Layer & Lifter; (11) 48' Close Tandem Tomato Trailers w/Steel & Fiberglass Tubs; Heil 4,700 Gal Stainless Tanker Trailer; (2) Tandem Joe Dogs w/Comp.; (2) Richardton 900 HYD. Dump Carts.

TRACTORS

COMBINE

FARM EQUIPMENT

2018 JD 6155R MFWD Tractor w/Full Cab, IVT Trans., ONLY 900 Hrs, 480-80-42 Tires Hub Duals, 380-85-30 Frt. Tires, Frt. Fenders, 18 Frt. Wts., 4 Remotes, Q.H. Greenstar 4; 2009 JD 8530 MFWD, IVT, ILS Frt., Full Cab/Buddy Seat, 22 Frt. Wts., Rear Wts., 4 Remotes, Q.H., Big 1,000 PTO, 520-85-R46 Tires- Hub Duals, 420-85-R34, Frt. Tires & Duals; 1992 JD 4960 MFWD Tractor w/Full Cab, Power Shift Trans, 3 Remotes, Q.H. Big 1000 PTO, 20.8-R42 Tires- Hub Duals, 18.4-26 Frt. Tires, 20 Frt. Wts., Rear Wts.; 1992 JD 4960 MFWD Tractor w/Full Cab, Power Shift Trans, 3 Remotes, Q.H., Big 1000 PTO; 1985 JD 4250 2WD Tractor w/Full Cab, Power Shift Trans, 2 Remotes, Q.H., 480-80-R38 Tires, 14L-16 Frt. Tires, T-Rail Duals; 1978 JD 4440 2WD Tractor w/Cab, Quad. Trans., 10 Frt. Wts., Rear Wts., 540/1000 PTO; 1969 JD 4520 Open Station Tractor w/2 Remotes, 3 Pt., 520-85-R38 Tires; 1972 JD 4020 Console Open Station Tractor w/2 Remotes, 3 Opt., Q.H., 480-85-R34 Tires 90%, 540/1000 PTO, Original Tractor; 1969 JD 4020 D. Open Station Tractor w/Recent O/H, 2 Remotes, 3 Pt., Q.H.; Ford Jubilee Tractor; Ford 555E Backhoe; JD 825i 4x4 Gator w/Cab, Heat, Power Steering, Starfire 6000 Globe, 2630 Screen w/Auto Steer, Top Air 200 Gal Sprayer w/60' Booms, 20" Spacing, JD Rate Controller, Honda GX160 Engine, "ALL SELLS AS ONE UNIT"; Can/Am Commander Rotax-1000 4x4 ATV, Frt. Winch; 2004 JD 9760 STS 2WD Combine, Bin Ext., Drop Down Chopper, 520-85-R38 Tires, 28L-26 Rear Tires, Lateral Tilt, Chaffer Frame Rebuilt, Mauer Bin Extension; 2009 JD 635 Hydra-Flex Grain Head w/Fore-Aft Full Finger; UM AWS-36 Header Wagon; 2006 JD 893 8x30 Corn Head w/Hyd. Deck Plates, Auto Header Height; JT25 Header Wagon; JD 20' 1590 NT Drill; JD 7200 12x30 Planter; Brent 526 Grain Cart w/Corner Discharge Roll Tarp, 30.5-32 Tires; Landpride 3Pt., 60" Boom Mower PTO/Hyd. Drive; JD CX15 15' HD Batwing Chopper w/ Chain Guards, Stump Jumpers, Spring Susp.; Liebrecht #2204 22' Ultimate Tillage Tool, "Very Low Acre Use"; Krause 4975 31' Rock-Flex Disc w/HD Rear Hitch w/Hyd. Brillion 32' Solid Wheel Packer; Brent CPC HD 5x Deep Disc-Ripper, 30" Spacing, Rear Chopping Basket; JD 960 30' C Shank FC w/Single UM Rolling Baskets, HD Rear Hitch w/Hyd UM 225 32' Rolling Harrow; (2) 25' Hyd Fold Harrigators; Harrigator Dolly; JD 3 Pt. 12' Chisel Plow w/Remlinger 3 Bar Leveler; Miller 3 Bar 12' Offset Disc; Danish Tine FC; JD Gear w/600 Gal Poly Nurse Tank; (4) KB 350 Gravity Wagons on JD 1075 Gears w/12.5L Tires; (2) Small Gravity Wagons; 3 Pt., 2x Sub-Soiler Ripper; UFT HD PTO Power Ditcher; IH 311 Pull Chopper; IH 720 6x16" Onland Plow; IH 720 5x16" Plow; Snyder/Walsh Saddle Tanks; 1,000 Gal Nurse Tank on Truck Gear 5th Wheel Gear; IH 3 Pt., 2x Planter; Trailer w/350 Gal Fuel Tank w/15 GPM Pump.

NICE GRAIN TRAILERS

TRUCKS

TRAILERS

MISC FARM ITEMS

2015 Wilson 41' x 96" w/66" Sides, Commander Alum. Hopper Grain Trailer w/All Alum Wheels, Tarp, Spring Ride, 24.5 Tires, "NICE"; 2012 Wilson 41'x96" w/66" Sides, Alum Hopper Grain Trailer w/All Alum Wheels, Tarp, Spring Ride, 24.5 Tires, "NICE"; 1994 IH 9400 Tandem Semi Tractor w/Short Sleeper, N-14 Cummins Engine, 9 Speed, "NICE TRUCK"; 1994 IH 9400 Tandem Semi Tractor w/Short Sleeper, N-14 Cummins Engine, 9 Speed Trans, "NICE TRUCK"; Hudson 9 Ton 20' w/Beavertail Tri-Axel Trailer, "NICE"; 2000 Ledwell 48' Drop Deck Trailer w/ Hyd Tail & Winch, 3000 Gal Water Tank; 16' Tandem Utility Trailer; Plus Other Good Farm Items.

> OPEN HOUSE to VIEW EQUIPMENT: FRIDAY * JANUARY 10th, 2020 * 10:00 AM - 2:00 PM

View PICTURES and FULL AUCTION LISTING @www.auctionzip.com OHIO Auctioneer ID# 4664

Owner: MEYER RIVERVIEW FARMS, INC.

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Indiana Farm Bureau license plate available in 2020

INDIANAPOLIS – An Indiana Farm Bureau special recognition license plate will be available for purchase from the Indiana Bureau of Motor Vehicles starting Jan. 1. A \$15 supplemental fee and a \$25 group fee is due for each Indiana Farm Bureau, Inc. plate that is purchased. Proceeds from the group fee, which was coordinated in 2019 in celebration of INFB’s 100th anniversary, will go to the Farm Bureau Foundation which supports youth in agriculture in Indiana.

“Indiana Farm Bureau pursued this special recognition plate while celebrating our 100th anniversary,” said Debra DeCourcy, chief marketing director. “It’s something that can live on beyond our 100th year and support the future of agriculture through youth education.”

In addition to supporting the Foundation, INFB launched the license plate in an effort to increase brand awareness.

“Members of Indiana Farm Bureau and other supporters of agriculture will be seen with the plate on their vehicle as they drive the state and even across the country,” said DeCourcy. “That’s great for a non-profit like us, as we’re always looking to generate more awareness for our organization.”

INFB encourages all supporters of agriculture, not just Indiana Farm Bureau members, in the state to consider purchasing the plate come January.

“We know we’re one of several great organizations with license plates available that support the agriculture industry in Indiana,” said DeCourcy.




“That’s a great thing! We’re happy to be yet another avenue for folks to show their support for Hoosier farmers.”

Starting Jan. 1, the INFB license plate can be purchased from the BMV website: www.IN.gov/BMV, any BMV

Connect kiosk, or BMV Branches and BMV Partial Service Providers. The plate can be ordered at any time throughout the year.

More information can be found online at www.infb.org/INFB-license-plate.




THE WENDT GROUP
Land & Agricultural Asset Auctions

SHANNON FARM
EQUIPMENT

AUCTION

FRIDAY, JANUARY 17TH, 2020 AT 10:30AM
13624 FEDERAL ROAD, ORIENT, OHIO



DIRECTIONS: From Mt. Sterling, Ohio. Take SR 62 Northeast 1 mile to Scioto Darby Rd. Turn right on Scioto Darby Rd. and travel 1.8 miles to Five Points Pike. Turn right on Five Points Pike and travel .2 miles to Federal Rd. Turn left on Federal Rd. to the auction site.

Inspection Date:
Saturday, Jan. 11th
9am-Noon

TRACTORS, SKIDLOADER • Case IH Magnum 370 tractor, MFWD, CVT, 5 hyd remotes, 1000 pto, 3 pt, quick hitch, cab suspension, front axle suspension, Pro 700 display, 372 receiver, 480/80 R 50 duals, 380/80 R 38 front duals, 2047 hrs • **Case IH Magnum 225 tractor,** MFWD, 480/80 R 46 duals, 380/85 R 34 front, CVT, 4 hyd remotes, 540/1000 pto, 3 pt, Pro 700 display, 372 receiver, VASS, front wts, 2468 hrs • **Case IH 7120 MFWD tractor,** 480/80 R 42 duals, 480/65 R 28 front, 3 hyd remotes, 540/1000 pto, 3 pt, 18 spd PS, 11,630 hrs • **John Deere 9220 tractor,** 4WD, 480/80 R 46 tires, 4 hyd remotes, 1000 pto, 3 pt, front & rear wts, Greenstar Ready, power shift, 7132 hrs, SN 021610 • **John Deere 8300 tractor,** MFWD, 480/80 R 46 duals, 380/85 R 34 front, fenders, front wts, 4 hyd remotes, 1000 pto, 3 pt, 10252 hrs, SN 025129 • **Bobcat S130 skidloader,** hand & foot controls, Kubota diesel, 11,362 hrs • **Skidloader buckets • Skidloader** mount sand rake • **Skidloader** manure scraper

TILLAGE & PLANTING • DMI 527B disc chisel, front hyd adjust blade depth, rear disc leveler • **DMI 1300 Ecolo-Champ 11-shank disc chisel,** hyd adjust front disc, 6 front twisted shovels, 5 rear parabolic shanks • **33' Case IH Turbo 333 True-Tandem** vertical till, rear basket • **24' Great Plains Solid Stand 2410NT drill,** no-till coulters, seed loc wheel, single rubber press wheel, (4) seed flow monitors • **Kinze 3600 16/31 planter,** no-till coulters, box ext, Keaton seed firmers, finger pick-up, rubber closing wheels, markers, ground drive, KPM III monitor, 10,000 acres, SN 620419 • **DMI Coulter Champ II 9-shank disc chisel,** hyd, adjust front disc, twisted shovels • **30' John Deere 400 rotary hoe,** hyd flat fold, 3 pt, wing wheels • **26' Kent Disc-o-vator,** front blades, sweep, 5-bar harrow, walking tandems • **20' harrowgator,** pull-type, hyd raise, manual fold • **International 700 on-land 7-btm plow,** auto reset • **Tebben 12-row cultivator,** 3 pt, hyd fold, rolling fenders, Danish tine • **J & M 350 gravity seed wagon,** 11 R 24.5 tires, 15' poly cup auger, 3 section spout, Augermate hyd power unit, roll tarp • **300 bushel gravity seed wagon,** 15' J & M poly cup auger, Auger Mate hyd power unit, 295/75 R 22.5 tires

HARVEST EQUIPMENT • Claas Lexion 740 combine, 900/60 R 32 front, 28 L 26 rear, 4WD, Impeller wear kit, new concave, new cylinder bars, new injection pump, rear hitch, 2095 engine hrs, 1405 separator hrs, Ag Leader Versa, Quanimeter yield monitor, SN C4800546 • **Claas 512 cornhead,** hyd deck plates, knife rolls, poly, header height, guidance wiskers, SN 91801726 • **40' Claas 1200 Maxflex grain head,** full finger, double knife drive, SN 535000625 • **40' Unverferth HT36** header cart • **30' J & M HT8** header cart • **Demco 850 grain cart,** scales, roll tarp, 1000 pto, 30.5 L 32 tires, hyd spout, lights, camera • **(2) Mayrath 10" x 70" swing-a-way augers,** 540 pto, 8" x 61' Mayrath swing-a-way auger, hyd auger mover • **(2) EZ-Trail gravity bed wagons** on gear, 12.5-15SL tires

FORAGE & SILAGE EQUIPMENT • Claas Jaguar 970 forage harvester, 710/70 R 38 drive tires, 600/65 R 28 rear tires, 4WD, kernel processor, less than 400 acres on NEW cutter head, 3251 hrs, Mann engine • **25' Claas Orbis 750**

12' Claas 380 pickup head, SN I3502815 • **(3) Meyer 8124** silage wagons, chain floor, 425/65 R 22.5 tires, tandem axle, hyd rear door, lights, XT2200L gear • **12' Leon 2000** silage blade, mounts for JD 8300 & Case 225 • **12' Leon 09000** silage blade, mounts for JD 9220 • **12' Grouser AG 240** silage blade, mount for Case IH 370 tractor • **3 pt. tow-between** tank carrier, 500 gallon poly tank, 11L-15 rear tires


HAY EQUIPMENT • 2014 New Holland 316 Mow Max II 16' discbine, rubber on rubber rolls, center pivot, drawbar hitch, 1000 pto • **H & S 12-wheel rake,** hyd fold, kickerwheel • **Vicon Fanex 500 tedder,** 4-speed, 540 pto, manual fold • **(2) LP80 Horst 8-bale wagons,** 5th wheel steering • **3 pt bale carrier • Bale spear • Bale** spear, JD loader • **Worksaver bale** squeezer, JD loader mount

LIVESTOCK TRAILER & EQUIPMENT • 2011 EBY Maverick 24' aluminum livestock trailer, single sliding divider, ST 235/85 R 16 tires, poly covers • **Pik Rite 1190** hydro-push manure spreader, 425/65 R 22.5, tandem axle, sloop gate, 1000 pto, horizontal beater, poly floor • **New Holland 355** feed grinder, ear corn chute, folding unload auger, 540 pto, SN 753518 • **(4) 24' hay** feed wagons • Hay ring

TRUCK, SEMIS, & TRAILERS • 2007 GMC 3500 HD chassis truck, 9' x 7 1/2' steel flat bed, 4x4, DRW, Duramax diesel, Allison auto, gooseneck ball, regular cab, receiver hitch, 193,779 miles • **2001 International 9200i** semi, Cummins N-14, Celect Plus 10-speed trans, 170" WB, air ride, 11 R 22.5 tires, air slide 5th wheel, pto, 2 line wet kit, shows 798,436 miles • **1996 Kenworth T800** semi, 3176 CAT, 10 spd, 295/75 R 22.5 tires, 10 alum wheels, 8 bag air ride, pto, single line wet kit, 190 WB, shows 99,600 miles • **2007 MAC 34' aluminum dump trailer,** has damage from rollover, 11 R 24.5 tires, coal door, spring ride, alum wheels, salvage title • **1988 East 32' end dump trailer,** spring ride, 11 R 24.5 tires, Dayton rims, roll tarp, coal chute, salvage title • **1972 Chevrolet C50 straight truck,** V8 gas 350 engine, 5+2, hyd brakes, 8.25-20 tires, 15' bed w/ plywood floor, single cylinder hoist • **15' x 77' skidloader trailer,** tri axle, pintle hitch, 7-14.5 tires, NO title • **16' tandem axle trailer** w/ 1000 gallon fuel tank, 110 volt fuel pump, Mi-T-M air compressor/generator, air hose reel, VIN plate missing • **4' x 7' single axle** utility trailer, NO title

ROTARY MOWER, MISC. ATTACHMENTS, MISC. SHOP TOOLS • 15' Woods BW180X batwing rotary mower, stump jumpers, 1000 pto, hyd fold, airplane tires • **Kleen Blue 55** gallon DEF transfer system • **Kleen Blue 265** gal tote pump with hose & automatic nozzle • **Winco 30 kw** pto generator on small trailer • **Goodwin GTP-100HX 4"** solids trash pump, Honda gas engine • **(10) 50'** rolls of lay flat 4" hose with Camlock fittings • **Lincoln power MIG 200** wire welder • **Euro to JD** adapter • **48"** pallet forks, JD loader • **3 pt weight rack** for IH suitcase wts • **Tool** boxes • **Shop** hand tools • **(2) 42"** floor fans • **Lincoln** power grease gun • **Shop** press • **Air-over** hyd floor jack • **Jack** stands • **Misc.** spare implement tires & rims • **Misc.** shop supplies


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THE WENDT GROUP
Land & Agricultural Asset Auctions

ESTATE OF GARY W. COCKERILL II
FARM EQUIPMENT

AUCTION

WEDNESDAY, JANUARY 15TH AT 10:30AM
7715 St. Rt. 41 Greenfield, OH 45123



Inspection Date:
Saturday, Jan. 11th
9am-Noon

DIRECTIONS: From US 35 & St. Rt. 41, Travel South on 41 approx. 5.5 miles to auction location. Look for signs.

TRACTORS & BACKHOE • John Deere 9360R 4WD Tractor, 480/80R50 front and rear duals, powershift, 5 hyd remotes, pto, rear outside wheel weights. 2,469.8 hrs. Non-def-machine. • **John Deere 8225R** MFWD Tractor, 480/80 R46 duals, 420/90R30 front duals, power shift, 5 hyd remotes, 1000 pto, 3 pt hitch, 10 front weights, rear wheel weights, 1,188.4 hrs. Non-def-machine. • **John Deere 9220** 4WD Tractor, 18.4 R46 front and rear duals, power shift, 3 pt, 1000 pto, 4 hyd remotes, front and rear inner dual wheel weights, autotrac ready, 3,085 hrs. • **John Deere 7210** Tractor, 2WD, 18.4 R38 rear tires, 11.00-16 front tires, power quad trans, 2 hyd remotes, 3 pt, quick hitch, small 1000 pto, roll bar. Has transmission issues with "C" range. Unknown hours. • **Ford 4630** Diesel Tractor, 16.9-30 rear tires, 7.5-16 front tires, 540 pto, 2 hyd. remotes 3 pt, 6 front weights. • **John Deere 3105E** Backhoe, 4X4, Cab, heat, rubber and steel outriggers, sells with 24 inch "WB Bucket", front bucket bolt on cutting edge. 19.5L-24 rear tires, 12.5/80-18 front tires, 1,548 hrs.

ANTIQUE TRACTOR • John Deere 620 Tractor, power steering, 3 pt with missing top link and lower arms. Pto, 1 hyd remote, 4,729 hrs., missing drawbar, narrow front end, gas engine

TILLAGE & PLANTING EQUIPMENT • 730B DMI Disc Ripper, 7-shank, hyd front disc gang, rear disc levelers • **37' DMI Tiger Mate II,** field cultivator, hyd double fold, all walking tandems, 9 inch sweeps, 5 bar harrow, rear hitch, rear hyd hook-up, rear light plug. • **40 ft.** DMI Rolling Basket • **Unverferth Subsoiler,** 6 shank with coulters, gauge wheels, mounted rear rolling basket, 3 pt. hitch. • **John Deere 2810,** 5 bottom moldboard plow, spring reset • **John Deere 2800,** 5 bottom moldboard plow, spring reset • **John Deere 1795** 16/32 Planter, CCS, markers, no till coulters, Keyton firmers, hyd seed drive, cast closing wheels, pneumatic down pressure, Pro Max 40. Total planted 3,303.9 acres, mounted air compressor and air tank. • **John Deere 1770 NT 24** Row Planter, markers, hyd seed drive, row cleaners, no till coulters, seed firmers, cast closing wheels, Row Command, pneumatic down pressure, XP Units, mounted air compressor and air tank. • **3750 Unverferth** Seed Runner Seed Tender, tri-axle, 2.5/16 ball hitch, 18 ft. seed conveyor, Honda GX390 motor with electric start, hyd raise and lower, hyd doors, Digi-Star scales, hand held remote control, roll tarp. • **KBH Seed Tender** Trailer, 2 compartment, 16 ft KSI Conveyor, Honda GX160 engine with electric start, roll tarp, bumper pull.

HARVEST EQUIPMENT • 2017 John Deere S670 STS Combine premium cab, LED lights, Autotrac ready, 3 speed electrical shift trans. 4WD, Extended wear package, 22.5 ft. power fold unload auger, 520/85 R42 duals. Engine hours 818.4, Sep hours 561.2. • **2014 John Deere 612C** Poly corn head, hyd deck plates, knife rolls, Row Sense feeler, 1 set of stalk stompers • **2014 John Deere 635F** Grain platform, full finger auger, low stone wall dam, single pt hook up, stubble lights. • **HT-30** Unverferth 30 ft. Header Cart, 7.50-10 tires, extendable tongue • **HT-36** Unverferth 36 ft. Header Cart, 7.50-10 tires, extendable tongue • **1196** Brent Avalanche Grain Cart, 1250/50R32 floatation tires, 22 inch pivoting hyd unload auger (850 bu. a minute), roll tarp. • **10"X72** Hutchi-

son/Mayrath Auger, swing away, 540 pto • **Wheatheart** 10" drive over Auger. 43" X 44" hopper area.


SPRAYER & SPRAYER TRAILER • 2014 John Deere 4730 Sprayer, 380/90R46 tires, 800 gal ss tank, 3 inch fill, ss plumbing, 90' booms on 15" spacing, 5 sensor Boom Trac Pro, auto air level, XENON lighting, hyd tread adjust, standard pump w/ dual flowmeter. Lifetime spray hours 187. Total hours 594.8. Sells with 2600 display with Autotrac, SF2, Swath control. Sprayer • **1983 Great Dane** step deck trailer, 11' top deck, 33'6" flat well and then an 8' dovetail with no ramps. Has (2) poly banded 2600 gal tanks with 3" plumbing. 1 chemical inductor, Honda GX270 motor, 3" Monarch cast iron pump, 2" fill line with a 2" or 3" fill adaptor.

SEMIS, TRUCKS & TRAILERS • 2008 Kenworth T660 sleeper semi truck. C-15 Acert engine deleted, 235" WB, 3.36 axle ratio, 8 speed Eaton, 24.5 tires, aluminum front rims, aluminum outer with steel inner rear rims, shows 563,983 miles, in frame rebuild done 2 years ago. • **2000 Kenworth T800** day cab semi truck, 204" WB, 10 speed Eaton, C-12 engine 430 hp, 4.11 gears, 24.5 tires. Shows 148,350 miles. • **1976 Ford F600** Grain Truck, 14' bed, dual hoist, Shows 52,493 miles, gas engine, 2 speed. • **1971 Chevrolet C50** Grain Truck, 14'bed, dual hoist, Shows 85,165 miles, gas engine, 2 speed. • **2014 1500** GMC Sierra 4 door, all terrain pick-up truck. Short bed, 4x4, 5.3L engine, shows 131,761 miles. • **2012 40' Wilson** Grain Trailer ss front and rear panels, LED lights, air ride, 8 aluminum rims, 24.5 tires, model DWH-5016. • **2000 40' Wilson** Grain Trailer ss front and rear panels, spring ride, aluminum outer and steel inner rims, 24.5 tires matching, model DWH-400. • **1997 20'+5' Compro** Gooseneck Trailer ramps, dual tandem axles, GVWR 18,000 lbs.

GPS EQUIPMENT • 2630 Display Autotrac SF1. • **2600** Display Autotrac, Swath Control Pro • **2600** Display Autotrac, SF2 Ready. • **Starfire 3000** SF1, SF2 Ready, RTK, 450 radio. • **Starfire 3000** SF1, SF2 Ready, RTK, 450 radio. • **Starfire 3000** SF1, SF2 Ready, RTK, 450 radio. • **ITC** SF1.

MOWERS & MISCELLANEOUS EQUIPMENT • 15' John Deere CX15 Rotary Mower, small 1000 pto, stump jumpers, chains front and rear, airbag suspension, solid tires. • **7' John Deere 709** Rotary Mower, 540 pto, 3 pt. • **SCAG** Cheetah 61" zero turn commercial mower 27 hp FX850V Kawasaki engine, 38.6 hrs., model SCZ61V-27FX. SN:L6502027 • **John Deere** X73 Riding Lawn Mower 60" high capacity cutting deck, hydrostat drive, Kawasaki engine, 151.8 hrs. • **John Deere** AC2-cg35h Compressorator Honda GX390 engine • **(2) 16 flat** rack wagons with John Deere gears • **1 flat** rack wagon with no tongue • **(2) 200** bu. Gravity wagons with Coby gears • **(1) 200** bu. Gravity wagon with J&M gear • **22+/- John Deere** suitcase weights • **John Deere** 6x4 Gator, dump bed • Lawn roller • **110 gal** poly tank • **(2) chemical** inductor tanks • **3' Backhoe** bucket • **18" Backhoe** bucket • **10 hp** 240 volt single phase air compressor • **Continental** post hole digger • **Various** wheel weights • **Shop** work benches • **3 pt.** mounted hyd forklift Mast with forks • **Shop** engine hoist • **Ladders • 6'** grader blade 3 pt • **Bolt bin • Truck** tool box • **Hot** Power Washer 110v • **And** many more small items

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AUCTIONEER: Kevin Wendt. **OWNER:** Gary Cockerill II Estate, Clinton Co. Probate Case #20191104
Madison B. Cockerill Executorix, Kiger & Kiger Lawyers, David V. Kiger, Attorney
FOR EQUIPMENT QUESTIONS CALL: WJ Fannin 614-395-9802

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*** FARM EQUIPMENT ***
RETIREMENT AUCTION
NEWARK, IL

Saturday, January 11, 2020 @ 10:00 AM
Location: 11408 Newark Rd, Newark, IL

2012 Case IH Magnum 210 Tractor, MFWD, 1378 Hrs, Cab, 210 hp; 2005 Case IH MXM120 Tractor, MFWD, 1371 Hrs, Cab, 122 hp; Kubota MX5000 Utility Tractor, 4WD, 720 Hrs, 50 hp, Woods 7500 Backhoe; 1995 Case IH 2144 Combine, 3191/2228 Hrs, New AFX Rotor; Case IH 1020 Platform, 20'; Case IH 2206 Corn Head, 6-row 30"; Kinze 3000 Planter, 6/12-row 15/30", No-Till Coulters & Insect Boxes; McFarlane RD4020RB 20' Reel Disc, 18" Blades, 3-bar drag, roll bskt; M&W Earthmaster 1160 5-Shank Disc Ripper; IH 315 Cultimulcher; Sure-Trac 7'x14' Hydraulic Dump Trailer, Tandem-Axle; Sure-Trac 8-1/2'x20' Deckover Trailer; Ficklin CA13000 Grain Cart, 550 bu, new front auger, camera, roll tarp; Brent 544 Gravity Wagon; Killbros 350 Gravity Wagon, w/14' auger; M&W 375 Gravity Wagon; Killbros 350 Gravity Wagon; Brent 250 Wagon; Many Misc Items including (15) IH Front Weights; McKee 1101 Snow Blower, 8', 3-pt; 12' Snow Blade; 6' Box Scraper; Woods 72 Rotary Mower; Woods 8' Blade; Misc Shop Items; 20' Hay Elevator; Antique Heider Wood Barge Box; Oxy-Acet. Torch Set; EZ-Steer® Assisted Steering System, 4-yrns old. Partial list!!!

Auction conducted by: Richard A. Olson & Assoc
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What to do when you have too much ‘stuff’

“Secondhand: Travels in the New Global Garage Sale” by Adam Minter, Copyright 2019, Bloomsbury, \$28, 300 pages

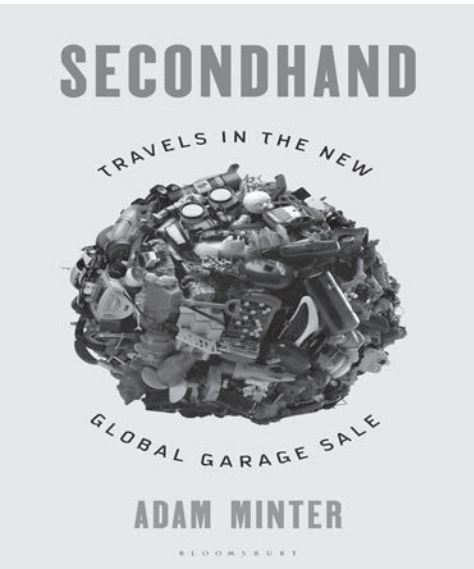


THE BOOKWORM SEZ
Terri Schlichenmeyer

The paper on your living room floor was waist-high. That tossed-aside wrapping – ripped off the presents in 2-point-five seconds – was a good indication of a good holiday, and everyone was content. The mess that was left, though, begged the question of where to put all those new things. In the new book “Secondhand” by Adam Minter, the answer is always a little complicated. No doubt about it, most of us have a lot of stuff and our houses are full. So, says Minter, are our garages: a 2006 study indicates that “90 percent of garage space is now used to store stuff, not automobiles.” It’s gotten so bad, this gathering and keeping, that businesses have sprung up to deal with what inevitably happens when personal belongings become an

overload of unwanted items that someone must reckon with. In Minneapolis, Minter found one example of the solution to the deluge. Empty the Nest helps seniors to downsize, hoarders to let go, and surviving adult children to clean out parental homes. Discarded items – which, he discovered, could be family treasures or antiques – go to those in need, or to a thrift shop where they’re sold to people looking for such things. Ultimately, discards may go to landfills, but every effort is made to recycle before that happens.

Goodwill Industries (“the king of an American thrift trade”) runs another kind of secondhand enterprise, relying mostly on donations from the general public. Goodwill’s efforts to reclaim items include boutique stores and outlets for the items least wanted; this way, Goodwill helps “divert more than three billion pounds of stuff from the trash heap annually.” From Japan to India, rag pickers to rag-cutters, Minter explains what happens to our discards and where our excess goes when we toss it. This underscores one important point that should give every shopper pause: most of that which we own is worthless to everyone but ourselves. That’s a notion that’s really quite sobering: all those antiques, heirlooms, papers, and old projects you’ve been saving for the kids someday? Chances are, says author Adam Minter, they’ll go to the thrift store when you’re gone, or to a business that deals with the detritus of life. Once you’ve read “Secondhand,” in other words, the presence of that fourth spatula in your kitchen drawer seems a little wrong.



Yes, you’re probably already familiar with thrift stores but there’s more to them than that 99-cent vase; as Minter shows, they’re part of a relatively-hidden network of businesses that handle what amounts to a genuinely shocking weight of accumulation. Those and other such companies opened their doors to him and answered his curiosity, thereby teaching us what not to donate, what not to purchase, why most stuff is worthless, and why too-much-itis is a problem around the world. If you are curious, downsizing, or trying to be a conscientious consumer, you’ll want this book. Having it on your shelf is perhaps the ultimate irony, but that’s exactly where you’ll want it because “Secondhand” is not something to toss aside lightly.

Terri Schlichenmeyer has been reading since she was 3 years old and never goes anywhere without a book. She lives on a prairie in Wisconsin with two dogs, a handsome redhead, and 16,000 books.

Wayne Twp - Montgomery County

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Jim Irwin Retirement
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Joel Wellendorf Retirement
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Johnson Land & Cattle Inc. Retirement
Jon Howe Retirement
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JR's Pipeline Service LLC Retirement
Keith B. Cogswell III Family Trust
Ken Moore Retirement
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Kent Kilpatrick Retirement
Kip & Deonn Wiese Retirement
KKB Grain Co. Inc. Retirement
KM Grain & Livestock LLC Retirement
Kurt Myers
Lake Ranches Retirement
Lanphier Inc. Retirement
Larry Groteluschen Estate
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Lew Nielsen Retirement
Linda Gibbs Retirement
LT&J Trucking Retirement
M&C Farms LLC Retirement
Marc Van Houten Retirement
Margaret Roskop Retirement
Mark Bergmeier Retirement

Mary & Nancy Rayhons Retirement
Mary Sunblad Retirement
Max Fuller
Max Vahsholtz Estate
Maynard Holtorf Retirement
Megan Larson (Zeb A Larson Estate)
Melvin & Mark Parde Retirement
Meradith Farms Retirement
Merl Tilton Estate
Merle Lynch Retirement
Merlin Stoss Retirement
Michael & Valarie Jameson Retirement
Michael D. & Debra K. Grummert
Retirement
Mid County Feeders Retirement
Myron Stoebner Retirement
Niemann Farms LLC Retirement
Norman Peterson Retirement
Ondrak Sheep Inc. Retirement
Orin Bolzer Estate
Patrick Hastreiter Retirement
Patrick L. Mahoney Retirement
Patrick Mahoney Retirement
Patsy Bridge Estate
Paul Kruse Estate
Phillip & Daniel Albers Retirement
Phyllis Blasi Retirement
R & M Kennedy Farms Retirement
Randy Eggers Retirement
Randy Wood Estate
Ransom & Lillian Wiebe Retirement
Rauert Hog Farm Inc. Retirement
Ray George Retirement
Raymond C. Haag Estate
Records Farm Inc. Retirement
Rendell Soderquist Retirement
Restated Rundel Family Trust Agreement
Richard E. Haun Trust Retirement
Richard Ogle Retirement
Richard Pearson Retirement
Richard Riessen Retirement
Richard Spale Estate
Richard Suva Estate
Richard Wyrick Retirement
Rick McGowan Retirement
Robert & Susan Paul Family Trust
Retirement
Robert Bendlin Retirement
Robert Fallan Retirement
Robert Gerlach
Robert Kaufman Retirement
Robert M. Frederick Estate
Robyn Engel Retirement
Roger McCartney Retirement
Roger Unruh Retirement

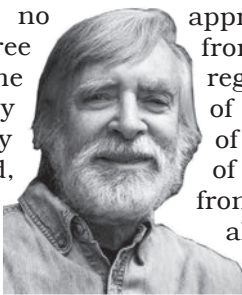
Rollin Hills Farms Inc. Retirement
Ron & C. Farms Retirement
Ron Bowman Retirement
Ronald Bowman Retirement
Ronald Den Herder Retirement
Russell Fritcher Retirement
Russell Morgan Estate
Sandefur Bros. Retirement
Scott Thompson Retirement
Seim Farm & Ranch Inc. Retirement
Seth Johnson Estate
Spenser Taylor Retirement
Stan & Sue Petersen Retirement
Stephen Moseley Retirement
Steve Robertson Retirement
T&L Transportation Inc. Retirement
Tascosa Trail Inc. Retirement
Tom & Lou Alcorn Retirement
Tonderum Farms - G&S Tonderum Farms
Inc. Retirement
Turf Care Inc. Retirement
Verlin Unruh Retirement
Vernon Koehn Retirement Retirement
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The countdown to spring begins with the pollination of the pines

The evening was clear, no clouds or wind.... Moon three quarters full rising over the eastern ridge. I could be happy enough just observing this, day after day.... —Harlan Hubbard, The Transition Week to Deep Winter



POOR WILL'S ALMANACK
By Bill Felker

Astronomical Data and Lore

The Pussy Willow Cracking Moon was new at 12:13 a.m. on the day after Christmas. It reaches apogee, its position farthest from Earth, at 8:31 p.m. on Jan. 1 and then enters its second quarter at 11:46 a.m. on Jan. 2. Rising in the early afternoon and setting in the early morning, this moon crosses overhead in middle of the night, encouraging all creatures to feed, especially as the cold fronts of Jan. 1 and Jan. 5 approach.

The Quadrantid meteors fall every night during the first week of Jan., especially on Jan. 3 and 4. Look for them after midnight below the handle of the Big Dipper a little east of the North Star. The Quadrantids will be close to the horizon, so shooting star watchers might do best to do their observing from a position north of urban areas.

Perihelion, the point at which the Earth is closest to the Sun, occurs on Jan. 5 at 2:47 a.m.

Weather Trends

High-pressure systems are due to cross the country on or around the following dates: Jan. 1, 5, 10, 15, 19, 25, 31.

The New Year's front is usually one of the most troublesome systems so far in the winter, and it is preceded by sleet or snow, sometimes as far south as northern Florida. After its passage, temperatures are typically quite cold. A secondary disturbance often causes additional precipitation on the 2nd and 3rd.

As the year's second major front approaches, due on Jan. 5, milder temperatures and more precipitation are likely; thunderstorms are not uncommon in the South. After this high passes through, however, the cold returns, and the 8th and 9th are associated with some of the most chilling weather so far in the winter.

The heating season in the Lower Midwest typically lasts from the middle of October through the middle of April, depending on the character of the year. The cold is created by

approximately 37 major cold fronts passing through the region between the third week of October and the third week of April. By the beginning of the New Year, 17 of those fronts have normally arrived, almost half the season.

The Countdown to Spring

One week until the tufted titmouse begins its mating calls and pines start to pollinate.

Two weeks until owls and foxes mate and the Big Dipper's Merak and Dubhe, pointers for the North Star, are positioned east-west after dark.

Three weeks until the traditional Jan. Thaw time and blue jays give their bell-like mating call.

Three and a half weeks until the beginning of late winter and the day's length surpasses ten hours and skunk cabbage blooms in the wetlands

Four weeks until cardinals start to sing before dawn

Five weeks until doves join the cardinals, and maple sap is running

Five and a half weeks until the first red-winged blackbirds arrive in the wetlands

Six weeks to the very first snowdrop bloom and the official start of early spring

Seven weeks to major pussy willow emerging season

Eight weeks to crocus season

Nine weeks to the beginning of the morning robin chorus before sunrise

Ten weeks to daffodil time

In the Field and Garden

Check houseplants, and especially plants that were brought inside before frost, for spider mites, scale and aphids. Early winter is often the time when these and other insect pests reach the level at which they can do serious damage.

Make sure your bees have enough ventilation to prevent moisture condensation within the hive. Also consider putting an entrance reducer in your hives to keep mice from coming in.

Cold weather reduces the impact of barn odors on our noses - but don't lighten up on your maintenance schedule: keep pens clean and bedding fresh - especially as lambing, kidding and calving time approaches.

Dig any root crops still in the

garden. Plant live Christmas trees soon, and mulch heavily.

While the moon is still dark, take out suckers, dead and crossing branches as the moon wanes. Don't prune what will bloom before June, and wait for July or August for the maples.

Explore marketing options for Chinese New Year, Jan. 25. This market favors sheep and goats in the 60 to 80-pound live-weight range.

Epiphany (Three-Kings Day) is usually celebrated on or near Jan. 6. Milk-fed lambs and kids are often in

demand for this market.

Increase energy feeds to animals in severe weather. Many people believe that feeding energy foods in the evening produces the best results.

A Winter Forecast

Although the character of an entire season is difficult to predict, particular periods of the winter are subject to lunar forces that affect tides as well as the severity of storms.

The first major storm period of the New Year (after the New Year's Eve

(Poor Will continued on page 19B)

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Poor Will

FROM PAGE 18B

weather) can be expected to occur between Jan. 9 and 14, when the area is subject to full moon as well as to perigee, the moon's position closest to Earth.

The next storm period arrives at the end of the Jan. thaw with the new moon coinciding with the second-last front of the month, around Jan. 24 or 25.

Although the Groundhog Day Thaw is expected to provide some relief for early Feb., the cold is likely to return

by Feb. 4, and then on Feb. 9 and 10, full moon and perigee will almost certainly bring severe Supermoon conditions. A significant thaw will occur in the middle of the month, but Snowdrop Winter will stifle the spring's progress around new moon, Feb. 24

Then on March 9 and 10, another Supermoon situation occurs with full moon and lunar perigee taking place so close to one another. New moon on March 24 will also create troublesome conditions for farmers and gardeners.

And then a Supermoon on April 7 will bring frost deep into the South, threatening fruit trees and early

seedlings.

For more information, order The Weather Book of Poor Will's Almanack from Amazon.

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.

- RAYE
REEHSP
RIPI
EJRE
EH CER
CHEER
PSREA
RVEE
RACLE
RESTE
AMSER
- YEAR
SPHERE
PIER
JEER

SPEAR
VEER
CLEAR
STEER
SMEAR

- IIIAVCNL
IIAENRPTL
NOILLIRDAUQ
NIALILL
- IIONLVPA
IIOENVRML
TILLIONQUIN
IANLITSAC

Poor Will's Almanack for 2020 (featuring 60 outhouse stories) is now available from Amazon. For an autographed copy, send a check for \$20.00 for each Almanack to Poor Will, P.O. Box 431, Yellow Springs, Ohio 45287. You can also purchase The Weather Book of Poor Will's Almanack from Amazon or for \$20.00 at the above address.



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ABSOLUTE AUCTION
Contact: Jon Rosen 260.740.1846 or Rick Johnloz 260.827.8181

Pulaski County, IN: January 21 • 120+/- Acres - 2 Tracts
Contact: AJ Jordan 317.397.3086 or Larry Jordan 765.473.5849

LaPorte County, IN: January 22-23 • 111+/- Acres - 1 Tract
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Contact: Larry Smith 219.716.4041 or Kelsey Sampson 219.608.4341

Delaware County, IN: January 23 • 126+/- Acres - 1 Tract
Contact: Chris Peacock 765.546.0592 or Lauren Peacock 765.546.7359

Cass County, IN: January 28 • 57+/- Acres - 3 Tracts
Contact: AJ Jordan 317.397.3086 or Larry Jordan 765.473.5849

Montgomery County, IN: February 4 • 195+/- Acres - 4 Tracts
Contact: Sam Clark 317.442.0251 or Jim Clark 765.659.4841 or Gary Bohlander 765.794.0221

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St. Joseph County, IN: 60+/- Acres • Contact: Julie Matthys 574.310.5189



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12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

February 2020

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
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