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Beef-dairy crossbreeds helping tap higher value meat market

By DOUG GRAVES Ohio Correspondent

MOGADORE, Ohio – The idea of crossbreeding low genetic/productive dairy cows with beef semen has become a growing practice on dairies these days. The main reason for this growth is the increased value of the offspring when compared to the traditional dairy male calf.

The process is simply called "beefon-dairy". ABS Global, formerly the American Breeders Service, is one such artificial insemination company that sells frozen bovine semen to dairies throughout the Farm World readership area. ABS Global sells semen from dairy cattle breeds such as Ayrshire, Holstein, Jersey, Guernsey, Brown Swiss, Milking Shorthorn and Norwegian Red, and from beef breeds such as Angus, Brahman, Brangus, Charolais, Hereford, Gelbvieh, Limousin, Senepol and Simmental. Company spokesmen say the effort is gaining strength.

ABS Global is located in DeForest, Wis., and was founded in 1941.

"A lot of people are dabbling in adding beef genetics into their dairy cows through artificial insemination in order to create calves that could be sold for more money than male Holsteins," said Zachary Berry, ABS Global's district account manager for eastern Ohio. "That's because the carcass quality of the beef dairy animal grades much higher than that of the dairy steers."

Beef-on-dairy has been a focus of ABS Global and other similar companies for the past 10 years since dairies stopped keeping as many of their heifers as replacements, opening up the market for more to be bred with beef bulls

"At first, dairy producers were leery of the beef-on-dairy effort because they were afraid to change what they were doing, but with so many in the industry suffering the past few years, many dairy producers are looking for ways to boost their bottom line," Berry said.

Other artificial insemination companies include De-Su, EDG, Alta Genetics, GENEX, STgenetics and others. ABS Global is among those that are working to develop genetics that provide calving ease, fertility on the bull side, and a result in the animal



Above: The idea of crossbreeding low genetic/productive dairy cows with beef semen has become a growing practice on dairies these days. (photo submitted)

that grows quickly, is fed efficiently and eventually worth more.

"Our beef-on-dairy sales grow every quarter," Berry said. "There's tremendous growth. Beef genetic fertility on Holstein is not the same as on beef, and we're doing genetic testing to figure that out. It's definitely a challenge because of 10 cows tested only one or two can get pregnant and grow the desired carcass."

While the beef calf value is a real benefit, there are even more advantages, Berry says. The use of sexed semen on the top of the herd to create replacement heifers also increases the selection intensity and speeds up genetic progress. Proactively managing heifer inventory will avoid excess replacements and result in lower rearing expenses.

"Beef-on-dairy feeders typically sell for about \$200 more than the dairy ones, and at birth are worth at least \$100 more," he said. "Some feel that those involved in this process will flood the beef market if all dairymen do this. But the idea is just to improve the quality of the carcass."

Clay Fredericks, Beef on Dairy coordinator for STgenetics, agrees.

"Researchers from University of Wisconsin-River Falls found that the dairy sector contributed only 21 percent of the total U.S. commercial beef supply in 2018," Fredericks said. "Instead of adding animals to market, the calves created with terminal crosses are simply replacing the inferior purebred Holstein steers, heifers and cull cows."

Beef on dairy breeding is more than a trend, experts say, adding that it is a strategy that is here to stay. Those at ABS Global, for example, have multi-

(Dairy continued on page 5)



Huntington University opens new animal science building

By Michele F. Mihaljevich Indiana Correspondent

HUNTINGTON, Ind. – Huntington University's new animal science education center will give students in the Haupert Institute for Agricultural Studies hands-on experience working with livestock, the institute's managing director said.

The building, named for the late Don Strauss, a fourth generation member of the Strauss family in North Manchester, Ind., has 10,000 square feet and includes a flexible pen area and classroom space. Strauss was founder of Strauss Veal Feeds and Midwest Poultry Services. The facility opened Nov. 16 with a ribbon cutting featuring Indiana Gov. Eric Holcomb.

"The students will be able to take what they've learned in lectures and put it into practice," Nate Perry explained. "It will offer hands-on learning opportunities for students in animal production, animal science and pre-veterinarian studies. This generation of students likes to have their

(Huntington continued on page 5)



Above: The Don Strauss Animal Science Education Center opened at Huntington University Nov. 16. (photo provided).





Streator, III., FFA chapter wins national award at annual convention.....1B



In This FARM WORLD:

- Farmers get just over 11 cents for every Thanksgiving meal......Page 30
- Election results may indicate power shift..... Page 5B

Buckeye Shepherd's Symposium going virtual in 2020

BV DOUG GRAVES Ohio Correspondent

COLUMBUS, Ohio - For the first time in the association's 71-year history, the Ohio Sheep Improvement Association (OSIA) will conduct its Buckeye Shepherd's Symposium in a virtual format. The event will be held via Zoom on Friday, Dec. 4 from 2-5 p.m. Though it's going virtual this season, the goal is the same: to expand the knowledge of sheep nutrition and have a connection among peers in Ohio's lamb and wool industries.

"We've worked hard and diligently to get this program up and going," said Brady Campbell, coordinator of Ohio State University's sheep team. "Unfortunately due to everything that is happening, we still wanted to provide an opportunity for our shepherds to be able to connect and to receive some of the information we traditionally provide every year at the Buckeye Shepherd Symposium. The focus of the program is on feeding your flock year round and the sessions are packed with nutrition management information.

"When you take a look at our sheep numbers and membership that is passionate about the sheep industry, we rank among the top three in the nation according to the American Sheep Industry Association. This is a great opportunity for networking and sharing information. At the conclusion of the symposium we will be holding our annual meeting for OSIA and also there will be an opportunity to share ideas and management practices and hopefully learn a thing or two from one another."

This year's event will be offered in a condensed format, featuring multiple guest speakers presenting in various formats and styles about flock nutrition, with no fee to register.

Francis Fluharty (current Department Head of Animal and Dairy Sciences at the University of Georgia) will kick off the event with a presentation on how to manage feeding programs. He will cover topics including feed processing, digestive upset, and observing animal behavior. Fluharty will also cover the importance of providing a consistent mineral and vitamin program for ewe flock on a yearly basis.

"With breeding season complete and lambing season knocking on the way, now is not the time to forget about those minerals," Fluharty said.

Also on the program is Garth Ruff, OSU Extension beef cattle field specialist. He will be presenting on the topic of feeding wet forages based on his background in both forage and sheep production. Garth will review the how's and why's of harvesting and preserving wet forages and how to safely feed to small ruminants. Garth and his family have first-hand experience in feeding wet forages to their sheep throughout the winter months.

Addressing the group will be Tim Barnes of OSU Extension ANR in Marion County, Christine Gelley of OSU Extension ANR in Noble County, and Brady Campbell of the OSU Sheep Team and Department of Animal Sciences.

Barnes will present a collective view of the 2019 State Fair Carcass Evaluations. Gelley and Campbell will present an intriguing update on university research related to sheep in the current year.

Immediately following the Buckeye Shepherd Symposium webinar, the floor will be opened for the 2020 OSIA annual meeting from 5 to 5:30 p.m. All in attendance for the symposium are welcome to join. However, only dues paying members will have their votes counted on election items.

At the conclusion of the annual meeting participant can join in the virtual Shepherd's Social Hour. This portion of the event will allow shepherds



Above: Francis Fluharty, Department Head of Animal and Dairy Sciences at the University of Georgia, will discuss how to manage feeding programs.(photo

to meet in an informal space to continue networking and sharing ideas on how to make the industry better for now and the next generation. The Zoom link and password for this meeting room will be distributed during the symposium

The event is free but participants must register ahead of time. Participants to any of the three mentioned events must register online by visiting and completing the submission form at https://go.osu. edu/ohiosheep to receive the meeting connection information.

Once completed, registered guests



Above: Garth Ruff, OSU Extension beef cattle field specialist, will address feeding wet forages, and review the how's and why's of harvesting and preserving wet forages for small ruminants. (photo submitted).

will receive an email with access information for the webinar. Creating a Zoom account is not a requirement to participate. Registration may occur at any point leading up to the symposium, even mid-session on Dec. 4.

If a commitment prevents you from attending the event live, there will be additional opportunities to view the recorded presentations. Recordings will be available for viewing on the OSU Sheep Team webpage in 2021.

For help registering for this event, contact Roger High (614-246-8299), Brady Campbell (740-434-3252) or Christine Gelley (740-305-3173).

The OSIA plans to hold its in-person Buckeye Shepherd's Symposium at the Shisler Conference Center on OSU's Wooster Campus on Dec. 3-4, 2021.



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Specialty crop grants announced for Michigan growers

By Kevin Walker Michigan correspondent

WASHINGTON, D.C. - U.S. Sen. Debbie Stabenow has announced \$1.9 million in block grants to help Michigan's many specialty crop growers. Under the USDA's definition, a specialty crop grower raises fruits, vegetables, tree nuts, nursery plants and flowers.

"Michigan-grown fruits and vegetables are not only a source of great pride - they are also critical to our state's economy," Stabenow said. "This new support will help Michigan farmers get their products off the farm and onto our plates during these difficult times.'

The USDA's specialty crop block grant program awarded 20 different projects in the state, which fall generally along the lines of promotion, disease control and eradication, and agronomy.

One grant recipient, the Michigan Bean Commission, actually won two grants this year. One, for \$107,000, is for promotional efforts. "As an industry we haven't done a great job of telling the consumer how nutritious beans really are," said Joe Cramer, executive director of the commission. "We've never had a lot of money to tell our story to the public."

The commodity group will use the grant to advertise on social media, produce media kits for use at trade shows, produce online ads and a limited number of print ads.

The other grant, for \$99,998, is agronomic, Cramer said. It will assess the optimal fertilizer rate for a given soil type. "Our goal is to try and work on and fix issues that hinder great yields," Cramer explained. "This grant will help us study fertility issues. It will help growers figure out how best to feed their plants to maximize yields. We were pretty lucky, we got two grants this year."

The Michigan Bean Commission is using researchers at Michigan State University (MSU). That is also the case with Michigan Celery Research, Inc., which won a \$70,046 grant to try to figure out why so much of the celery crop is experiencing "plant meltdown," a phenomenon in which the celery plant wilts, with the base of the plant in its interior rotting. MSU Professor of Plant, Soil & Microbial Sciences Mary Hausbeck will lead the project to study why this is happening. Much of the grant money will be used to pay for a graduate student to help with the lab work and the cost of supplies, Hausbeck said. MSU already has plant specimens that it collected in 2019, which it has been able to store.

"In this particular project, we are looking at whether certain herbicides are causing or contributing to the meltdown," Hausbeck said. "There might be several different factors. It's just not known right now. Maybe we can eliminate some factors."

Hausbeck added that celery plant meltdown can be quite significant at times, with some substantial crop losses. If not addressed, the plant meltdown issue is likely to worsen, she said. Michigan is one of the largest celery producers in the nation, with 110 million pounds of it grown in 2018. Celery is used both for the fresh market as well as for use in vegetable juice.

The Michigan Apple Committee (MAC) also won an award this year, as it has for the past number of years, according to MAC Executive Director Diane Smith. The group will use its \$125,000 for a social media campaign and other advertising and marketing efforts, in particular at this time of year when people consume the most

apples.

"Everybody's on some sort of social media platform these days," Smith said. She added that Michigan apple growers had a "really good year" this

Other grant recipients include the Cherry Marketing Institute, \$125,000; Hop Growers of Michigan, \$73,258; Michigan Asparagus Advisory Board, \$125,000; Michigan Blueberry Commission, \$70,258; Michigan Christmas Tree Assoc., \$72,744; Michigan Grape

Society, \$40,000; Michigan Greenhouse Growers Council, \$70,000; Michigan Nursery and Landscape Association, \$100,000; Michigan Potato Industry Commission, \$85,625; Michigan State Horticultural Society, \$99,500; Michigan Vegetable Council, \$91,577; National Grape Cooperative, \$99,637; Shiawassee County Sheriff's Office, \$125,000; Southwest Michigan Wine Trail, \$88,252; and the Michigan Department of Agriculture and Rural Development International Marketing Program, \$161,626.



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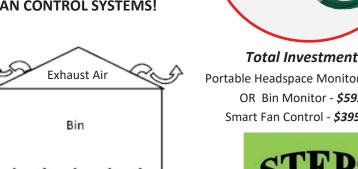
Above: Jaquay Farms is one of 10 sites the Michigan Bean Commission uses to run trials to determine fertilizer rate recommendations for the state's dry bean growers.





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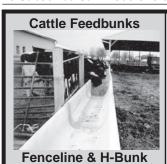




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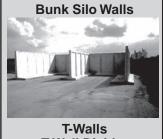


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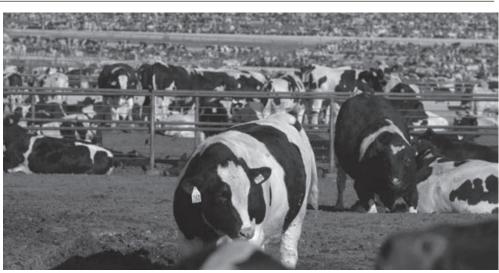
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Above: While beef-on-dairy production has proven viable, it's now becoming a regular part of the mix of cattle in the beef marketing chain. (photo submitted)

Dairy

FROM PAGE 1

ple ways to support dairy farmers setting up a beef-on-dairy plan.

"Beef-on-dairy is not just a temporary fix for the dairy industry," Fredericks said. "The future is promising for beef-on-dairy as we see evolu-

tion in not only genetic selection but with the opportunity of dairy farms as a feedlot. The dairy industry can retain ownership and created age source-verified cattle that produce a consistent genetic profile along with a steady flow of cattle into feedlots."

For more about the beef-on-dairy process and strategies, contact ABS Global at 608-846-3721.

Huntington

FROM PAGE 1

hands on, especially agriculture students. That's what this building presents."

The facility will give students the opportunity to work with animals from their freshman to senior years, he noted. The experience they'll gain will help as they seek internships while in school and jobs afterward, Perry added.

The building was announced in December 2019 and construction began in the spring, he said. Perry said officials hope the building will also be used as a community center, for board meetings and for elementary school tours.

The Haupert Institute opened in the fall of 2015 with the goal of offering a faith-based agricultural curriculum. Huntington University is a Christian college of liberal arts. It offers undergraduate and graduate degree programs in more than 70 areas of study.

The program has more than 50 students, with 28 new this fall. So far, 17 have graduated and all are employed, Perry said.

The animal science building is one of several additions to the Institute over the last couple of years. Last year, an aquaponics system was added to a greenhouse constructed in 2017. The Institute recently launched Forester Farms LLC, which allows students to gain experience with the business side of agriculture. Earlier this year, the university began operating a 25-acre livestock farm north of Huntington.

Two majors were added to the Institute's curriculum this fall, Perry said. In addition to agribusiness and agricultural education, students may now seek degrees in animal science and crop science and agronomy.

"The growth is really representative of the interest in agriculture," he explained. "These students want to make a difference. They want to impact the world. Agriculture is who they are and they recognize it."

Indiana FFA gets Lily grant

Foundation received a \$37,000 grant through the Youth Program Resilience Fund of the Lilly Endowment Inc.

"We were honored to be selected as one of the grantees through this Lilly Endowment program," said Lisa Chaudion, Indiana FFA Foundation Director. "These funds will go a long way in helping students with online Association," said Sam Miller, Indiana learning and allow the Indiana FFA FFA Director. "We are so grateful the Association and Foundation more foundation received this generous ways to prepare for the ongoing COVID-19 pandemic."

The mission of the Indiana FFA Foundation is to support, fund and promote the programs and objectives of the Indiana FFA Association. The FFA Association has 12,500 members and supports 211 chapters.

The Indiana FFA Foundation will use the grant to fund COVID-19 related expenses including technology for virtual learning needs, cleaning supplies and equipment and funds for general operations impacted by the pandemic. The Indiana FFA Foundation will be able to continue its commit-

INDIANAPOLIS — The Indiana FFA ment to FFA members and youth across the state. FFA makes a positive difference in the lives of students by developing their potential for premier leadership, personal growth and career success through agricultural education.

> "The Indiana FFA Foundation is a crucial part of the Indiana FFA award from the Lilly Endowment to position students toward future success."

The grant to the Indiana FFA Foundation is one of 297 that Lilly Endowment has made through the Youth Program Resilience Fund to help youth-serving organizations across Indiana adapt their work to challenges caused by the COVID-19 pandemic.

Grants from this fund are part of more than \$170 million in grants Lilly Endowment has made to help organizations serve individuals and communities amid the pandemic.



VIEWS AND OPINIONS

Be thankful for the good things

It is easy to focus on what we do not have this Thanksgiving. For many of us, this includes not having a family gathering or even a traditional meal. Some of us are in quarantine while others are furloughed. Since March, many aspects of our lives and businesses have been turned upside down by the pandemic. Terms like virtual, Zoom, and PPE have become part of our vocabu-

lary. The term "2020" may well become an expletive in the years to come. Yet, before we totally write off this year as a bad dream from which we hope to soon awaken, there are some bright spots for which to be grateful.

While much of the world has been disrupted, much of agriculture has not. We were able to plant early; and harvest was fast and, for the most part, uneventful. Some producers had disappointing yields, and others had above average or close to record yields. The livestock sector saw some disruption during the early days of the pandemic, and it has recovered and learned to adjust. Ag retailers have had to make adjustments, and most have figured out how to stay in business and serve their customers.

After difficult financial conditions



HOOSIER AG TODAY By Gary Truitt

FARM AND FOOD FILE

By Alan Guebert

early in the year, market prices that fell to below the cost of production, and forecasts of dismal export numbers, prices and balance sheets have improved as we come to the end of the year. USDA aid programs operated with surprising speed and efficiency, and farmers actually got paid. China began to make purchases, and export numbers climbed.

World grain and oilseed stockpiles declined which bolstered higher prices in the futures market.

Some areas of agriculture are still waiting for recovery. The ethanol industry is still suffering with lockdowns in place and fuel demand low. The continued shuttering of restaurants has disrupted those who produce food for the food service sector. The closing of many schools also hurt an already ailing dairy industry. Yet, compared with many other sectors, the farm economy has come through in relatively good shape.

This Thanksgiving, as we count the things we can be thankful for in our own families and farming operations, we need to focus on what did go right and on what did not get turned around in what has been a very unusual year.



Above: These cows are patiently waiting to see if something more tasty may be coming their way. Photo by Samantha Orme

A challenging year but an unforgettable Thanksgiving

Rural people often reminisce by years. The general rule for any talk about "good" or "bad" years is that good years rarely merit as much mention as great years and great years usually play second fiddle to bad years.

The reason that challenging or tough years like 2019 and 2020 leave an impression is not so much because of what was lost

but because of what was won. In short, it's about what we did to persevere, to stick, even though events or people pulled us toward

That's a key reason why Thanksgiving is such a meaningful holiday to so many; it's a time to acknowledge, if just for one day, our good fortune despite the bad weather, hard work, and endless worry that went into achieving it.

This Thanksgiving, however, will be remembered for the again outof-control pandemic that will keep families apart and, worse, the near-certainty that the next weeks and months will bring aching sorrow to so many.

Making all this tragedy more awful is that safety, a vaccine, is just a few weeks away for some and a few months

away for most and all anyone has had to do to make it safer for themselves and others now is just stay home or, in public, wear a facemask.

Sadly, our state and

national leaders chose to exploit our political divisions rather than bridge them and divided we began to fall. We fell by the hundreds last spring, then by thousands last summer.

Now, with colder weather pushing more Americans indoors, the coronavirus toll is soaring to record heights daily, especially in ill-equipped rural America just as predicted.

So, yes, it will be a heavier, harder Thanksgiving this year, not one that anyone would have chosen but one that none of us have any real choice about anymore if we want next month's holidays to be more joyful.

on Thanksgiving? I know; I did it twice, both times by choice, both times because of cows, and both times because I thought I didn't need family around to make the holiday special.

The first time I was, maybe, 15 years old and I volunteered to stay home from a big Thanksgiving gathering with my father's family 40 miles away. The bonus for me was that I could watch football all afternoon (while eating coconut pudding) until the evening milk-

And that's exactly what I did and it was wonderful until I came back from the dairy barn that night to an empty, dark house. I never felt so alone before or since.

The second time I missed Thanksgiving was when I was a junior in college. To earn money and lessen my homesickness, I milked cows several times a week at the dairy research farm the Big U maintained a mile or two from my seedy, one room apartment.

When Thanksgiving was still a week away, I volunteered to stay in

How tough can it be to be alone town to milk on the holiday and the following morning so the fulltime crew could spend the festive day with their families. It was a good plan — almost empty campus bars, dinner with friends — until it began to snow the Wednesday

And it snowed and snowed.

After completing the 4 a.m. milking that Thanksgiving morning, I spent almost every daylight hour pushing and piling snow off cow lots with a no-cab skid steer until the evening milking. Afterward, I walked home wondering how my good plan got buried under both snow and, now, ice cold loneliness.

I will be home this Thanksgiving and, lucky for me, I won't be alone and I won't be milking cows. This Thanksgiving, however, will be the first since that snowy year in college that my entire family won't be together.

But all—the lovely Catherine, the children, the grandchildren are safe and healthy and I am filled with humility and gratitude

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Farm World

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Missouri Direct Hay Report **Direct Hay Weighted Average** Report for week ending 11/20/2020

Another week of warm and extremely windy weather in the state. A cold front is expected to change things a bit over the weekend but thus far producers have been thankful for a mild fall. Hay interest continues to slowly increase but still no major activity for the most part. The Missouri Department of Agriculture has a hay directory visit http://mda.mo.gov/abd/haydirectory/ for listings of hay http://agebb.missouri.edu/haylst/

HAY (Conventional)

TIAT (CONVENTIONAL)	
,	Price Range
Alfalfa - Supreme (Ask/Per Ton)	
Medium Square 3x3	200.00-250.00
Alfalfa - Supreme (Ask/Per Bale)	
Small Square	7.00-9.00
Alfalfa - Premium (Ask/Per Ton)	
Medium Square 3x3	160.00-200.00
Alfalfa - Good (Ask/Per Ton)	
Large Round	120.00-160.00
Alfalfa - Good (Ask/Per Bale)	
Small Square	5.00-7.00
Alfalfa - Fair (Ask/Per Ton)	
Large Round	100.00-125.00
Alfalfa/Grass Mix - Good/Premium (Ask/P	er Bale)
Small Square	6.00-8.00
Mixed Grass - Good/Premium (Ask/Per To	on)
Large Round	80.00-120.00

Mixed Grass - Fair/Good (Ask/Per Ton) 60.00-80.00 Large Round

3.00-6.00

25.00-50.00

Mixed Grass - Fair/Good (Ask/Per Bale) Small Square Mixed Grass - Fair (Ask/Per Bale)

STRAW (Conventional) Wheat - (Ask/Per Bale)

Large Round

Small Square 4.00-6.00

> Source: USDA AMS Livestock. Poultry & Grain Market News MO Dept of Ag Market News Jefferson City, MO | (573) 751-5618 https://mymarketnews.ams.usda.gov/ www ams usda gov/lpgmn

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AG FUTURES November 23 2020

			November	23, 2020			
Corn	Delivery Month Dec 20 Mar 21 May 21 Jul 21 Sep 21	Last \$ 425^6 \$ 432^2 \$ 435^4 \$ 435^4 \$ 414^4	Change + \$ 2^4 + \$ 4^0 + \$ 4^6 + \$ 4^6 + \$ 3^6	Wheat	Delivery Month Dec 20 Mar 21 May 21 Sep 21	Last \$ 602^0 \$ 607^4 \$ 609^6 \$ 605^6	Change + \$ 8^6 + \$ 8^0 + \$ 7^4 + \$ 5^2
Soybeans	Jan 21 Mar 21 May 21 July 21 Aug 21	\$ 1189^6 \$ 1190^2 \$ 1188^0 \$ 1182^4 \$ 1161^2	+ \$ 8^6 + \$ 9^0 + \$ 8^4 + \$ 8^6 + \$ 7^2	Oats	Dec 20 Mar 21 May 21 Jul 21 Sep 21	\$ 294^4 \$ 307^4 \$ 312^0 \$ 319^6 \$ 296^6	- \$ 3^2 - \$ 4^4 - \$ 3^4 + \$ 3^0 + \$ 2^0
Soybean Meal	Dec 20 Jan 21 Mar 21 May 21 Jul 21	\$ 395.7 \$ 393.7 \$ 391.9 \$ 388.8 \$ 386.9	+ \$ 1.0 + \$ 1.2 + \$ 1.7 + \$ 2.3 + \$ 2.6	Live Cattle	Dec 20 Feb 21 Apr 21 Jun 21 Aug 21	\$108.925 \$111.425 \$115.575 \$110.425 \$109.775	+ 0.825 + 0.775 + 1.125 + 1.175 + 1.125
Soybean Oil	Dec 20 Jan 21 Mar 21 May 21 Jul 21	\$ 38.92 \$ 38.58 \$ 38.24 \$ 37.94 \$ 37.63	+ \$ 0.26 + \$ 0.24 + \$ 0.25 + \$ 0.24 + \$ 0.24	Lean Hogs	Dec 20 Feb 21 Apr 21 May 21 Jun 21	\$ 66.125 \$ 67.825 \$ 70.325 \$ 74.125 \$ 80.300	+ 2.000 + 2.475 + 2.100 + 0.625 + 1.375

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Ag Futures taken from CME Group/Chicago Board of Trade & Dow Jones Industrial Average http://www.cmegroup.com

Daily Livestock Slaughter Under Federal Inspection Friday, November 20, 2020

	CATTLE	CALVES	HOGS	SHEEP
Friday 11/20/2020	115,000	1,000	485,000	6,000
Week ago	118,000	1,000	477,000	5,000
Year ago (act)	116,000	3,000	488,000	7,000
Week to date	593,000	8,000	2,434,000	36,000
Same Period Last Week	590,000	8,000	2,400,000	34,000
Same Period Last Year (act)	589,000	12,000	2,456,000	41,000
Saturday 11/21/2020	72,000	0	277,000	0
Week ago	63,000	0	283,000	1,000
Year ago (act)	79,000	0	310,000	2,000
Week to date	665,000	8,000	2,711,000	36,000
Same Period Last Week	653,000	8,000	2,683,000	35,000
Same Period Last Year* (act)	668,000	11,000	2,767,000	41,000
2020 Year to Date	28,725,00	396,000	116,430,000	1,682,000
2019 *Year to Date	29,794,00	520,000	115,547,000	1,813,000
Percent change	-3.6%	-23.9%	0.8%	-7.2%
2020 *Totals subject to revision				
2019 *Totals adjusted to reflect NASS	3 revisions			

Cow and Bull Thursday 25.000 94.000 **Revised Thursday Hog Slaughter...485,000 New Week to Date...1,949,000**

**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

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Weekly National Sheep Summary For the Week Ending Friday, November 20, 2020

Weekly Trends: Compared to last week slaughter lambs mostly steady to 11.00 higher. Slaughter ewes steady to 15.00 higher. Feeder lambs 7.00-12.00 higher. At San Angelo, TX 6897 sold. Equity Cooperative Auction sold 340 slaughter lambs in North Dakota. In direct trading slaughter ewes and feeder lambs were not tested. 2,702 lamb carcasses sold with all weights no trend due to confidentiality. All sheep sold per hundred weight (CWT) unless otherwise specified. ****Due to the Thanksgiving holiday

Yearly totals may not add due to rounding

Steer and Heifer

Previous day

this report will not be issued next week.** Slaughter Lambs: Choice and Prime 2-3 90-160 lbs: wooled and shorn 100-120 lbs 170.00-San Angelo: 184.00. wooled and shorn 100-120 lbs 205.00-225.00. Ft.Collins, CO: wooled and shorn 100-135 lbs 142.50-177.50.

South Dakota: wooled and shorn 105-150 lbs 126.00-166.00; 150-170 lbs 160.00-164.00. wooled and shorn 100-150 lbs 171.00-Kalona, IA: 205.00; 150-175 lbs 169.00-175.00. Billings, MT: wooled and shorn 110-125 lbs 161.00-171.00.

wooled and shorn 105-150 lbs no test. Missouri: Equity Coop: wooled and shorn 145 lbs 155.75. Choice and Prime 1-2: Slaughter Lambs: hair 40-60 lbs 290.00-320.00. few San Angelo:

320.00-330.00; 60-70 lbs 284.00-302.00, few 310.00-324.00; 70-80 lbs 242.00-278.00: 80-90 lbs 220.00-245.00, few 262.00-275.00; 90-110 180.00-210.00, few 224.00. wooled and shorn 40-60 lbs 300.00-305.00; 60-70 lbs 284.00-296.00; 70-80 lbs 244.00-275.00; 82 lbs 226.00; 90-100 lbs 190.00-198.00. wooled and shorn 54 lbs 385.00; 61

Pennsylvania: lbs 330.00: 70-80 lbs 255.00-270.00: 80-90 lbs 235.00-257.00; 90-100 lbs 220.00-235.00. hair 40-60 lbs 300.00-340.00; 60-70 lbs 285.00-292.00; 70-80 lbs 260.00-280.00; 80-90 lbs 240.00.257.00.

Kalona, IA: wooled and shorn 60-70 lbs 257.50-265.00; 70-80 lbs 220.00-232.50; 80-90 lbs 200.00-230.00; 90-100 lbs 202.00-227.50. hair 40-50 lbs 265.00-275.00; 50-60 lbs 262.50-277.50; 60-70 lbs 265.00-272.50; 70-80 lbs 234.00-240.00; 80-90 lbs 212.50-230.00; 90-100 lbs 171.00-190.00.

wooled and shorn 70-80 lbs 185.00-Ft. Collins: 192.50: 80-90 lbs 185.00-187.50. hair 40-50 lbs 222.50-280.00; 60-70 lbs 215.00-257.50; 70-80 lbs 192.00-200.00; 80-90 lbs 185.00-192.50; 90-100 lbs 175.00-185.00.

80-90 lbs 176.00-228.00; 90-100 lbs 177.50-210.00. Billings, MT: wooled and shorn 80-90 lbs 184.00-194.00; 90-100 lbs 174.00-177.00.

no test.

hair 91 lbs 179.00. Direct Trading: (lambs fob with 3- percent shrink or equiv-

Slaughter Lambs wooled and shorn 140-162 lbs (wtd avg).

Slaughter Ewes: San Angelo:

Missouri:

South Dakota:

Good 3-4 (very fleshy) no test; Good 2-3 (fleshy) 80.00-98.00; Utility and Good 1-3 (medium flesh) 94.00-

wooled and shorn 57 lbs 255.00; 62

lbs 240.00; 70-80 lbs 210.00-225.00;

116.00; Utility 1-2 (thin) 80.00-94.00, hair 100.00-103.00; Cull and Utility 1-2 (very thin) 64.00-79.00;

1 (extremely thin) 50.00-60.00. Pennsylvania: Good 3-4 (very fleshy) no test; Good 2-3 (fleshy) 90.00-135.00; Utility 1-2 (thin) 60.00-92.00; Cull 1 no test. Ft. Collins: Good 3-5 (very fleshy) 72.50-80.00; Good 2-3 (fleshy) 61.00-87.50; Utility

1-2 (thin) no test. Billings, MT: Good 3-4 (very fleshy) 65.00; Good 2-3 (fleshy) 64.00-70.00. hair 88.00: Utility 1-2 (thin) 64.00-76.00; Cull 1 63.00-73.00.

Good 3-4 (very fleshy) 71.00-85.00; So Dakota: Good 2-3 (fleshy) 67.50-85.50; Utility

1-2 (thin) 57.50-86.50; Cull 1 50.00-85.00. Good 3-4 (very fleshy) no test; Good Missouri:

2-3 (fleshy) no test; Utility and Good 1-3 (medium flesh) no test; Utility 1-2 (thin) no test; Cull 1 no test. Kalona:

Good 3-4 (very fleshy) no test; Good 2-3 (fleshy) 82.00-93.00, hair 95.00-117.50: Utility and Good 1-3 (medium flesh) 80.00-81.00, hair 82.00-83.00; Utility 1-2 (thin) no test.

Medium and Large 1-2: Feeder Lambs: San Angelo: no test. 69 lbs 210 00 Ft. Collins: Kalona: no test.

44 lbs 217.00; 50-60 lbs 230.00-So. Dakota: 240.00; 60-70 lbs 220.00-236.00; 70-80 lbs 201.50-220.00; 80-90 lbs 188.00-207.00; 90-100 166.00-

175.00: 110 lbs 151.00. Billings: 80-90 lbs 180.00-204.00: 90-100 lbs 168.00-180.00: 100-110 lbs 166.00-

mixed age hair ewes 85 lbs 158 00/

176.00; 130 lbs 155.00. Missouri: no test. Replacement Ewes: Medium and Large 1-2:

San Angelo:

75-85 lbs

cwt, 100-135 lbs 118.00-142.00/cwt. Ft. Collins: no test. Billings: yearlings 95-130 lbs 109.00-130.00/

So Dakota: yearlings 135.00-190.00/head; young

160 lbs 105.00/cwt; middle age open 120.00/head, bred 190.00/head, others 165-210 lbs 76.00-90.00/cwt; aged bred 140.00/head, others 145-160 lbs 79.00-81.00/cwt.

Kalona, IA: no test. Missouri: no test. National Weekly Lamb Carcass

Choice and Prime 1-4: Weight Head Price not reported due to confidentiality 45 lbs down 45-55 lbs Price not reported due to confidentiality Price not reported due to confidentiality 55-65 lbs 65-75 lbs Price not reported due to confidentiality

Price not reported due to confidentiality Sheep and lamb slaughter under federal inspection for the week to date totaled 36,000 compared with 35,000 last week and 41,000 last year.

Price not reported due to confidentiality

Source: USDA Market News Service, San Angelo, Texas Rebecca Sauder 325-653-1778 www.ams.usda.gov/mnreports/SA LS855 www.ams.usda.gov/LSMarketNews

Market concerned about states enacting new Covid-19 restrictions

underlying factor in today's trade remains the spread of Covid-19. Several states have now enacted restrictions on non-essential travel and dining. We are also starting to see more schools events cancelled across the United States. The concern with all of these is what their impact MARKET ANALYSIS will be on commodity By Karl Setzer demand. The obvious is

that if travel drops off, we will again see energy demand falter as well, and in turn, a reduction in demand for renewable fuels. This comes as ethanol manufacturing was reaching its highest levels since the initial Coronavirus outbreak took place.

We are also seeing questions on commodity demand if schools and restaurants close down again. While at-home dining offset some of the losses from initial restrictions, trade is questioning how much of that will continue without a government aid package. If consumers are not comfortable with their finances, spending on food products can be greatly affected, especially when it comes to the meats. In time of economic uncertainty consumers tend to opt for cheaper food products. While the promise of a vaccine for Covid is nearing, until it can be fully accessible, these worries will continue.

A story that has been visited several times recently is what impact current market values will have on new crop acres in the United States. There are several who believe we will see a considerable shift from corn to soybeans given the recent price spread, but numbers may be exaggerated. Some forecast a shift of nearly 7 million acres, and while we have seen this great of a volume in the past, recent history does not indicate we will see that many altered this year. Current models indicate the numbers may be closer to 6 million, and even then, it is questionable. Given recent balance sheet changes the US may need an additional 10 million acres on a whole, which may be hard to obtain.

Brazilian producers have already marketed a reported 55 percent of this year's soybean crop. This is considerably higher than average as record returns were seen following currency exchange rate changes. Many of these sales took place prior to the recent rally we have seen in soybean futures though, and many are now wanting to renegotiate contracts. This may prove to be difficult as not only do Brazilian farmers outright sell soybeans, but many barter with them for inputs.

US soybean sales for export are starting to be monitored. The USDA is currently projecting marketing year soybean exports of 2.2 billion bu. Some analysts feel this number will be higher though, and possibly approach 2.3 billion bu. While this is only a minimal increase, it would drop new crop ending stocks below 100 million bu. We have already started to see usage rationing though, and our demand will likely decrease even more once the South American crop becomes available.

Brazil has seen its corn values in recent weeks climb to record levels. Corn in Brazil is now at the \$7 per bushel level and nearly equal to the cost of US imports. This generates ideas that Brazil will soon be turning to the US for corn coverage. While possible, currency exchange rates

from happening. Buyers in Brazil are also showing concern over GMO content in US corn and what it may do to their domestic market.

> While Brazil has bought some US soybeans for import, sources in Brazil claim sizable soybean imports are unlikely given the logistic issues they bring. Not only do the soybeans need to be

unloaded once they reach Brazil, but then trucked a considerable distance to a crush facility. This adds cost to the import value and makes them uneconomical. Same as with corn there are also worries over GMO contamination with US soybeans and further reducing the desire for imports.

We are starting to see mixed opinions when it comes to the Brazilian soybean crop. Several private analysts are projecting the crop at 135 million metric tons which is line with official projections. Others are not as optimistic though and believe delayed plantings and weather conditions for the area that

may prevent sizable corn sales is already seeded will trim crop size. These estimates range from 127 mmt to 130 mmt, and while this does not seem like much of a reduction, will alter the global soybean balance sheets.

> We are also seeing updated estimates on the Brazilian corn crop. Most analysts have the crop projected at 110 million metric

> > (Setzer continued on page 9)



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Setzer

FROM PAGE 8

tons which is in line with official estimates. Many are quick to claim the crop could be trimmed lower however, as delays to the soybean plantings are also likely to delay the planting of the Safrinha crop. This

could push the crop into the dry season before it is fully mature and trim bushels. That said, record corn values in Brazil will entice farmers to plant as many acres as they can.

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STRATEGIES

Pros and cons of applying nitrogen in spring vs. fall

By DOUG SCHMITZ **Iowa Correspondent**

URBANA, Ill. – Nitrogen applied as anhydrous ammonia in the fall is an effective source of nitrogen for the corn crop, but it is also a little more subject to loss, compared to nitrogen applied in the spring, according to a University of Illinois (U of Ill.) agronomist.

"One of the main factors that determines how much of the fallapplied nitrogen is subject to loss is how much of the ammonia converts to nitrate (is nitrified) in the fall and early spring, before the next planting season," said Emerson Nafziger, Ü of Ill. Extension crop production specialist.

Anhydrous ammonia ammonia in liquid swine manure is converted to nitrate by bacteria, with nitrate being the major form of nitrogen taken up by corn, and other grasses and forbs, said Virgil Schmitt, Iowa State University Extension field agronomist in Muscatine.

"Nitrates are extremely soluble, so nitrates are very easily leached from the soil through tile and other subsurface drainage," he said, "so the less conversion that takes place by bacterial action, the fewer nitrates are at risk of being lost to the environment prior to uptake by plants.

"In the ideal world, the conversion to nitrate would occur just as plants needed the nitrogen," he added.

Schmitt said anhydrous ammonia creates a hostile environment for bacteria, so little bacterial action converting ammonia to nitrate occurs for the first few days.

"Then bacterial action resumes," he said. "The rate of conversion of ammonia to nitrate begins to slow rapidly as soil temperatures fall below 50 degrees F. Therefore, the general recommendation is to not apply ammonia sources until the soil temperature is below 50 degrees F, and falling.

He said the idea is to minimize the amount of conversion that takes place in the fall so the rains before soils warm back up have less nitrate available that can be leached from the soil.

"However, bacterial action does not completely stop until the ground freezes, so an extended period of time when soils are above freezing can still result on considerable conversion of ammonia to nitrate," he said.

Nafziger said one way to slow nitrification of fall-applied ammonia, which converts quickly to ammonium in the soil, is to add a nitrification inhibitor.

The other way is to wait to apply ammonia until soil temperatures are low enough to limit the activity of the bacteria responsible for the conversion to nitrate, he added.

"Scientists have studied the effect of soil temperature on nitrification rates for decades," he "Estimating how quickly ammonium is converted to nitrate in the soil turns out to be complicated. But like most biological processes, it takes temperatures close to freezing to stop the nitrification process completely.

"Adding the ammonium anhydrous ammonia also increases the pH and kills a large number of bacteria, effectively delaying the start of nitrification by days or weeks, with longer delays when soil temperatures are lower," he added.

nitrification Once begins, soil temperatures in the upper 70s produce maximum rates of nitrification, he said.

"Rates drop to about 50 percent of maximum at 60 degrees, to 10 percent of maximum at 50 degrees, and to about 5 percent of maximum at 40 degrees," he said. "Because nitrification still takes place (slowly) at 50 degrees, why don't we wait until soil temperature is less than this - say 45 or 40 degrees - before starting to apply ammonia?

"Waiting until 50 degrees to apply ammonia is a compromise that produces some opportunity to apply at all during seasons when harvest is delayed, soils are wet, or soils freeze early," he added. "It takes advantage of the delay in nitrification caused by ammonia itself, and of the fact that soil temperatures continue, at least on average, to drop over time."

On the other hand, he said soil temperatures typically rise and fall unpredictably during the fall, and a rise in soil temperature both shortens the delay in the start of nitrification, and speeds up the breakdown of nitrification inhibitors.

"Managing the risk of having substantial nitrification following application means taking into account both current and predicted soil temperatures when deciding when to apply fall nitrogen," he said. "Because soil temperatures fluctuate during the day and are different at different depths, we also need to decide when and at what depth to measure soil temperature.

"How much the soil temperatures fluctuate during the day depends on soil texture and color, soil moisture, air temperature and the amount of sunshine," he added.

Nafziger said drier soils tend to limit nitrification some, and they

also warm and cool more quickly as air temperature changes.

"We don't want to use either maximum or minimum, so take soil temperature at 10 a.m. and 4 inches deep under bare soil (often) as an estimate of daily average conditions in the ammonia band after application," he said.

But the good news is air temperatures averaged a few degrees below normal in October this year, he said.

"We know from records that soil temperatures can rise into the 40s

and even into the 50s during the (Pros and Cons on page 13)



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Pros and Cons

FROM PAGE 10

winter, so waiting until soils are cool before applying ammonia doesn't rule out further nitrification." he

"The fact that periods of heavy rainfall before soils are frozen or after they thaw can result in spikes in surface water nitrates tells us that some nitrification always takes place

between fall and spring," he added.

However, he said some nitrate that moves from fields is present in the soil at crop maturity, either from unused fertilizer or nitrogen mineralized from soil organic matter after plant uptake stops.

"But some also comes from fall-applied nitrogen," he said. "We can minimize this by careful management, and can largely eliminate it by moving application to the spring."



Above: While waiting for the right temperature to apply nitrogen in the fall can be a compromise, farmers can also minimize nitrogen loss by waiting until spring to apply (photo courtesy of Lyndon Kelley, Michigan State University Extension).

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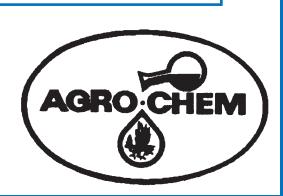
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No-tilling can prevent loss of soil moisture during drought conditions

By DOUG SCHMITZ lowa Correspondent

AMES, Iowa – Excessively dry soil conditions this season make field preparation and tillage this fall challenging, even though a dry soil condition is preferred for conducting tillage operations, according to Mahdi Al-Kaisi, Iowa State University (ISU) professor of soil management.

"The dry, warmer-than-normal growing season this year presents significant challenges for managing soil and crop residue this fall," he said. "The advantage of having low soil moisture for tillage is a reduced impact of equipment traffic in causing soil compaction and ruts in the field.

"However, soil disturbance under dry or any other conditions destroys soil structure and increases the potential for soil erosion after any rain events, and the loss of soil organic matter, topsoil and nutrients," he added.

He said the lack of soil moisture – especially in the top 12 inches where most tillage occurs – can produce unfavorable conditions for soil fracturing.

"The excessive dry soil conditions can produce large soil clods that are not easy to break with secondary tillage in the spring," he said. "Also, tilling excessively dry soils can be costly in terms of fuel and time use as compared to soils with normal field moisture at field capacity.

"The effectiveness of incorporating crop residue may be limited, and the lack of moisture will reduce the breakdown of crop residue," he added.

Al-Kaisi said the best option for managing dry soils and crop residue under dry conditions is to limit soil disturbance, and keep residue on the soil surface.

"Crop residue can help mitigate drought conditions by trapping rain and snow moisture to recharge the soil profile for the following season," he said. "It has been documented that keeping residue standing with no-till on the soil surface can trap 70 percent more of the water in rain or snow melt than conventional tillage.

"The water storage capacity of soil will be greater than that with conventional tillage, where soil structure is destroyed," he said.

He said conservation practices play a major role in managing soil moisture.

"The absence or reduction of soil disturbance in no-till both minimizes soil moisture loss from the soil's surface,

(No Tilling continued on page 16)



Above: According to Mahdi Al-Kaisi, Iowa State University professor of soil management, no-tilling can prevent the loss of soil moisture during drought conditions (photo courtesy of the United Soybean Board).





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(H) '19 JD 1775NT, Stock #53992, 16 row, 30" spacing, vacuum, 3.0 bu boxes, electric drive, independent markers



(LO) '15 CASE IH PATRIOT 4440, Stock #100140, 551 hrs, 90' boom, 20" spacing, boom leveling



(B) '13 Miller 5275, Stock #52040, 2582 hrs, 120' boom, 15" spacing, Trimble precision pkg installed



(B) '18 JD R4030, Stock #50777, 134 hrs, 100' boom, 15" spacing, LED light pkg, Gen 4 Display w/ Prem Act



(H) '14 JD S660, Stock #111291, 2003/1287 hrs, PRWD, 22.5' unload auger, HID lights



(B) '15 JD S670, Stock #51015, 1187/877 hrs, 2WD, 26' unload auger, HID lights



(B) '14 JD S680, Stock #52264, 1226/836 hrs, PRWD, 26' unload auger, HID lights, power fold bin ext



(FL) '17 JD 6130M CAB, Stock #45984, 368 hrs, MFWD, 24/24 PowerQuad plus, 540/1000 rear pto, 3 SCVs



(W) '12 JD 8260R, Stock #46445, 1035 hrs, PS, 4 SCVS, deluxe radio pkg



(W) '17 JD 8295R, Stock #48532, 665 hrs, PS, ILS, 10" display, 5 SCVs



(S) '18 JD 9520RT, Stock #111350, 415 hrs, E18 transmission, 36' tracks. 1 owner



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(B) '17 JD 8295R, Stock #51839, 1037 hrs, MFWD, ILS, E23, 4 SCVS, 60 gpm hyd pump, leather



(W) '14 JD S660, Stock #51161, 1276/842 hrs, 2WD, power bin ext, 22.5' unload auger, HID lights



(W) '15 JD S670, Stock #45692, 599/406 hrs, 2WD, 26' unload auger, HID lights



(S) '14 JD S680, Stock #97322 1483/1010 hrs, PRWD, powercast tailboard, power bin ext

Indiana Corn and Soybean forum going virtual

COVID-19 restrictions preventing many public gatherings, Indiana Growers Corn Association (ICGA) and Indiana moved the annual Indiana Corn and Soybean Forum to a virtual

this year's Forum will offer daily online presentations from Monday, Nov. 30 through Friday, Dec. 4.

"Of course we miss getting Soybean Alliance Membership and together in person to discuss the Policy Committee (ISA) staff have policy issues that are important to farmers, but this online format does have its advantages," said ICGA

With format. Instead of a one-day event, board member Scott Smith, who

The keynote presentation of the Welker Farms broadcasts from their continues to grow.

For more about their family farm, visit welkerfarmsinc.com

The rest of the week should be and trouble involved with travel for informative, too. The schedule includes:

Monday, Nov. 30, 10-11 a.m. EST - Indiana Lt. Gov. Suzanne Crouch and Indiana State Department of Agriculture Director Bruce Kettler will discuss challenges and opportunities for Indiana farmers for the next year.

Tuesday, Dec. 1, 2-3 p.m. EST ICGA President Mike Beard, and Courtney Kingery, who is the CEO for ISA, ICGA and ICMC, will explain the details of the new threeyear strategic plans for the corn and soybean checkoffs.

Wednesday, Dec. 2, noon to 1 p.m. EST - Nathaniel Doddridge, vice president of fuels for retailer Casey's General Store, and Kathy Bergren, NCGA Director of Public Policy and Renewable Fuels, will cover policy issues related to biofuels.

Thursday, Dec. 3, 11 a.m. to noon EST - ISA and ICGA staff members Ed Ebert and Steve Howell will join Amy Cornell of the AgriBusiness Council of Indiana to take a look at ag commodity markets and talk about grain buying issues.

Friday, Dec. 4, noon to 1 p.m. - Nick Welker will speak on faith, family and farming from their home in Montana.

The Forum will be available on Zoom, and there is no charge. To register, visit indianasoybean.com/ forum

farms near Noblesville, Ind. "With an online event, there isn't the time both the attendees and speakers."

week will happen on the afternoon of Dec. 4 as YouTube sensation Montana farm. Welker Farms has hundreds of thousands of followers on YouTube, and their audience

Welker Farms is located in North Central Montana and has been ISA board member Mark Legan in the family since 1912. Third generation farmer, Bob Welker, along with his two sons, Nick Welker and Scott Welker, strive to carry on the family legacy. Using large machinery and the latest in technology, the Welkers manage more than 10,000 acres and grow spring wheat, winter wheat, yellow peas and garbanzo beans.

Welker Farms has become a common name throughout the agriculture world due to their YouTube channel, which began when Nick Welker thought it would be entertaining to celebrate 100 years of family farming with a video. Since then, Welker Farms has amassed throngs of faithful fans and has been featured in various ways such as Rural Montana Magazine, the National Geographic RFD-TV, Progressive Channel, Magazine, Norwegian Magazine Traktor, Montana Ag Network (KRTV) and Welker Farms Farming Simulator 17 & 19 by Mappers Paradise.

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Dairy companies working through pandemic-related issues

By Michele F. Mihalievich Indiana Correspondent

COLUMBUS, Ohio - While dairy facilities have made progress in dealing with the impacts of COVID-19, some issues still remain, according to representatives of three dairy-related companies.

The panel was a part of the virtual Multi-State Dairy Quality Conference. The Nov. 12 event was hosted by officials from Ohio, Indiana, Michigan and Kentucky.

The companies - Superior Dairy in Canton, Ohio; the General Mills Yoplait yogurt plant in Reed City, Mich.; and Prairie Farms Dairy, based in Edwardsville, Ill. - followed guidelines from the Centers for Disease Control and Prevention (CDC) early on, the representatives said.

It wasn't - and isn't - always easy to get workers to understand the need to follow CDC guidelines, said Greg Soehnlen, Superior Dairy's president and CEO.

"I still think we're dealing with some of those same issues," he explained. "The number one issue was, because the pandemic hit so fast in a way, and there was a lot of information floating around, and our employees, everybody had their own opinion of the pandemic. We followed CDC guidelines very strictly. We had to mandate, whether it be face masks or social distancing. We had to

police that very strongly. I think those were probably the toughest challenges. We spent quite a bit of time really not asking opinions but really being very autocratic as far as 'this is what the CDC requires."

At the beginning of the pandemic, two immediate issues for General Mills officials were finding face masks and temperature monitoring equipment for the plants, said Sheila Rodriguez, food safety and quality manager for the Yoplait facility.

When (people) were told, wear a mask, everybody went out and bought a ton of masks, which really made it hard for us to secure stocks of masks that we normally would not have had in a manufacturing environment," she noted. General Mills put together a task force to help solve problems caused by the pandemic. For example, Rodriguez said the company had a hard time at first finding touchless ways to check employee temperatures at the plant. Their procedures have evolved and they are now using self-monitoring infrared scanning as employees enter the workplace.

Kevin Olson, of Prairie Farms, said the company put together teams on the plant and raw milk sides. Officials wanted to be sure all the production facilities stayed up and running, he said. On the farm side, the company began immediate communications with all its field representatives to make sure there were no active cases of COVID-19 on the

farms. "Our main fear from the farm side was that there are so may conduits from one farm to the next - the haulers, vets, nutritionists - and we felt if we had open communications from the farm to us we could help manage the problems when they did occur."

Another issue for the companies is making sure employees and those they come in contact with understand the impact their actions have on the plants, the representatives said.

Prairie Farms has had a good team effort on the producer side, Olson said. Unfortunately, he added, that does not include everyone. "We have had some who have been hesitant to disclose their information to us, not seeing or understanding the potential dangers of the farm and the hauler being a conduit to a greater population of employees. Probably the biggest hurdle has been getting the information out and them understanding it."

At Superior Dairy, officials monitored their workforce but eventually heard about spouses or family members who had potentially tested positive, Soehnlen stated. Despite family testing positive, the employees still wanted to come to work, he said. "So we had to really reach out and really put in a second line of defense out to families. If someone did feel they came in contact (with someone) or had symptoms of COVID, we started managing symptoms predominantly

clog the smaller pores or pipes, further preventing infiltration and causing more soil runoff," she added.

According to Iowa State University research, initial water infiltration rates are reduced from 5.67 inches/hour under notill farming to 2.60 inches/hour under a

She said other reasons to consider notill farming as a soil moisture management tool include:

- able plant moisture to drop .25 inch.
- peratures, reducing soil moisture evaporation, especially in the top two inches,
- Corn stalks can help trap snow, which can add up to two inches of soil moisture after snow melt in the spring.

She said farmers concerned with soil moisture should visit their local NRCS office to discuss methods to help conserve, and enhance the water holding capacity of their soils.

She added some of these practices in-

positive one day tested negative the next. We were really struggling with that." Employees who have symptoms are

were not very reliable. People who tested

asked to quarantine for two days. If their symptoms subside and they test negative, they are allowed to return.

The General Mills facilities have developed contingency plans dealing with the temporary loss of workers due to COVID-related issues, Rodriguez said.

We control what happens within the four walls of the manufacturing facility and we have guidelines for social distancing, we've done a lot to make sure we maintain 6 feet of distance." she explained. "Unfortunately, we do not control what happens outside the four walls of our facility and we do not have any say in state guidelines or regulations.

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FROM PAGE 14

and maximizes soil moisture storage," he said. "They also enhance beneficial soil physical properties such as increased water infiltration, maintenance of soil macropores, and reduction of surface runoff during rain events, thus increasing soil moisture storage."

Generally, he said, "Every tillage pass can cause the loss of one quarter inch of soil moisture; however, this number varies based on soil texture, soil organic matter content, and the amount of residue on the soil surface.

"Thus, with the unpredictability of weather and to ensure maximum soil moisture storage," he added, "caution should be exercised in using tillage to manage dry soils this fall, and farmers should keep residue upright on the soil surface to increase the soil profile moisture recharge."

Barbara Stewart, state agronomist with the USDA's Natural Resources Conservation Service (NRCS) in Des

Moines, said farmers should consider notill farming as the most important tool to prevent loss of soil moisture - especially during the current drought conditions in

"Drought management is a top concern right now," she said. "With the drought conditions in Iowa - and across the Midwest - many producers are concerned about the next planting season.

"And with the extremely early harvest, many producers have more time on their hands for soil tillage operations," she added. "The NRCS is recommending farmers use that time for something else more productive."

She said soil tillage reduces soil moisture in several ways - the first being reduced water infiltration.

"Tillage reduces water infiltration by breaking up the large pores in the soil structure, which act as large diameter pipelines for water to soak into the soil profile," she said. "Removing residue through tillage operations also leads to more soil erosion.

"The eroded particles of soil can then clude no-till, strip-till, and cover crops.

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lay Fredericks joins UPI as beef on dairy manager



Columbus, Ohio — United services for our UPI members who Producers, Inc. (UPI), the Midwest's livestock marketing cooperative, is pleased to announce Clay Fredericks has joined its team as the beef on dairy manager.

The new position was created to expand services for UPI members following significant growth in breeding beef on dairy across the country. In 2020, approximately 2 million "beef on dairy calves" were born in the U.S., with 2021 estimates at 2.7 million.

"We are pleased to welcome Clay to our team while expanding new,

Left: Clay Fredericks

are involved in, or interested in beef on dairy initiatives," said Mike Bumgarner, UPI president & CEO. "Clay's extensive experience in this specific area will be a great benefit to our members, and we look forward to seeing him put his skills to work."

Fredericks' responsibilities in his new role will include overseeing beef on dairy initiatives, creating new opportunities for dairies, growers and end-users. He will work heavily on data management, logistical coordinating and relationship building to create new and exciting opportunities for UPI's members.

Prior to joining the UPI team, Fredericks worked as a beef on dairy coordinator for ST Genetics in Navastoa, Texas. He has worked on both the livestock and grain side of the ag industry for 15 years. He has a Bachelor of Business Administration degree from Morrisville State College with a focus on Ag Business Development. He was born and raised on a 90cow tie-stall Holstein dairy in New York.

UPI serves 35,000 members in Ohio, Kentucky, Illinois, Indiana, Michigan, Missouri and Tennessee, handling approximately 3 million head of livestock per year.

Ceres Solutions adding new dispensers for higher ethanol blends

By Stan Maddux **Indiana Correspondent**

RENSSELAER, Ind. - More gasoline containing a higher percentage of ethanol is going to be available to motorists with help from USDA.

Ceres Solutions, a Midwest provider in new dispensers and blender pumps to deliver higher ethanol blends of

branded stations it owns in Indiana. The new fuel dispensers allowing

motorists to choose between E10, E15 and E85 are expected to be open at the station on N. McKinley Ave. in Rensselaer in the northwest part of the state by the end of the year.

USDA and CountryMark were awarded

transportation fuel we can truly feel good about," said Jeff Troike, President and CEO of Ceres Solutions Cooperative, a farmer-owned company headquartered in Crawfordsville, Ind.

Another USDA grant was awarded to Harvest Land Co-op for upgrading its fueling station in Greenville, Ohio, to include E15 this winter. Harvest Land Co-op

Richmond, Ind. The grants were part of the \$22

million awarded this year through USDA's Higher Blends Infrastructure Incentive Program, which is expected to increase ethanol demand by 150 million gallons annually, officials said.

A vast majority of the gasoline consumed bymotoristshasa 10-percentethanolblend. Presently, the U.S. EPA has approved

the use of E15 in all 2001 and newer cars, SUV's and light duty trucks. is approved by for use in flex fuel vehicles. Greater use of cleaner burning ethanol

and production of more vehicles capable of burning the higher blended fuels is viewed as a way to better compete with vehicles running off electricity. Matt Smorch, President

CEO of CountryMark, said high octane fuels with help from different avenues is the future of what powers the U.S transportation industry. "If we come together now to create

higher octane fuels, the American public will get more efficient vehicles in the most cost-effective manner possible. With this move in American energy policy, emission reductions will equal that of putting over 700,000 electric vehicles on the road each year," Smorch said.

Smorch added "it's time to capitalize on America's inherent advantages. Abundant corn production, affordable petroleum products and the innovative minds of our American workforce."

CountryMark is a farmerowned oil exploration, production, refining and marketing company headquartered in Indianapolis.

"High octane gasoline is the answer," said Michael Dora, Indiana's Director of USDA Rural Development.

"High octane gasoline will provide cleaner energy for American families while supporting our great American farming communities and local American refiners like CountryMark," Dora said.

David Smith, a spokesman for Ceres Solutions, said it's his company's first venture into offering higher ethanol content gasoline and more locations could be added to its regional chain of fueling centers depending on consumer response.

CountryMark and Ceres Solutions are members of South Shore Clean Cities, one of nearly 100 U.S. Department of Energy sponsored not-for-profit organizations.

The coalitions work to advance alternative fuels, alternative fuel vehicles and sustained vehicle technologies to reduce dependence on foreign oil, improve air quality, support local jobs, economic development and quality of life.

Carl Lisek, executive director of South Shore Clean Cities based in northwest Indiana, applauded CountryMark and Ceres Solutions for setting an example in their support for renewable energy. "We congratulate them on this

encourage accomplishment and others to follow their lead," he said. CeresSolutionsalsohasseparatefacilities offering products like seed and fertilizer

along with agronomy services throughout

central Indiana and parts Michigan.

separate grants to pay for the infrastructure of fuel and farm products, is putting work estimated at about \$111,000. "As we all look to reduce our based in environmental footprint, E15 is a gasoline at one of the CountryMark-

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Alabama farmers think beyond 'organic' for healthy foods

CULLMAN, Ala. (AP) — Heritage Hills Farmstead's Karl and Karli Amonite began growing their own meat and eggs on Karli's family farm years ago as a way of providing their small family with better quality food. Then their organically-grown produce operation began to grow, well, organically.

studied Karl, who exercise science/kinesiology in college, and Karli, a nutritionist, knew the importance of eating healthy foods, especially because Karli has an autoimmune disease. "We know the value of consuming the highest quality, nutrient dense food possible," said Karl. "We've kind of figured out what's best for our bodies."

But they had a hard time finding what they were looking for. "We took matters into our own hands," he said. "We set out on this adventure, just doing it ourselves."

Karl came from an agricultural community but had no actual farm experience, but Karli grew up on her family's farm in Northwest Cullman County and that's where they began their operations.

After several years, and multiple from friends inquiries and neighbors, the Amonite's began marketing their produce - eggs, chickens, turkey, hogs and beef to the public in 2017.

They're now shipping produce across the country, and delivering to homes in North Alabama, along with some in Tennessee.

"It started kind of organically happening," said Karl.

The couple shuns the term "organic" when it comes to labeling their produce, noting that under the official USDA designation, some additives that meet USDA standards can be used.

"We rose above the label `organic.' We feel it's a term that's been overused," said Karl. "We like to think of ourselves as beyond organic. In our sense, it means the original state without anything added to it."

At Heritage Hills Farmstead, the laying chickens have free-run of the farm; the cows graze on hundreds of acres of pasture year-round and the hogs forage in the woods for their

"We provide great habitats for species of all kinds," said Karl. The result, he said, are happy animals. "We want to make to make sure our animals are humanely raised, so they're not stressed.

"We feel like overfeeding is a huge problem - for humans and for farms," he added. "Our practices are

process. We feel there's more of a health benefit to our products."

While the chicken and cattle are grain-free, the Amonites do provide supplemental grain to the hogs to help them through the winter, but stay away from soy and corn. "The hogs right now are in acorn and hickory and walnut heaven," said Karl.

He said he and his family, which includes 4-year-old Klaire and 8-month-old Kate, love the animals and are grateful to them. Knowing how the animals were raised, what they ate and that they were happy animals also makes the Amonites and their customers feel better about what they're consuming. "We say to them, 'thank you for making the ultimate sacrifice for us, so we can eat healthy," said Karl.

Like other growers in Cullman County, there's' a lot of planning that goes into the Heritage Hills Farmstead operations. "We have to think three years in advance because you don't know how many you're going to sell," said Karl. They are currently selling 40-50 beef per year, but it's constantly changing and growing.

"That's the difficult part," he added. "It's not just going out there and farming, it's planning and preparing to meet customer demand and make an income."

And no one knew three years ago that a global pandemic was going to impact the economy.

For Heritage Hills Farmstead, the pandemic drove up demand. "It affected us in a positive way," said Karl. "People became more conscious of food and what they were putting in their bodies, and with supply chain broken, people had to turn somewhere for meat."

As a result, he said, people became more interested in the produce from his farm, but also started thinking about using their own land in a similar way in order to be able to provide food for their families in the future. "I think it shed a lot of light on what we do, and definitely impacted what we do."

The Amonites, though, don't want to grow Heritage Hills Farmstead beyond their own capabilities. "We don't want to grow to the point where we need people to come in and do this for us, because I think that takes away from what our goal is," said Karl. "We really want to hone in locally. We love Cullman and we love North Alabama. We want to continue to grow here. We try to go straight to the people of North Alabama. They're the people that more slow growing, it's a lengthier brought us to where we are today."

And while Karl notes that what they do is hard work, they have no regrets. Well, maybe one.

"We absolutely love getting out of bed in the morning, cooking the girls breakfast, going outside and being one with our animals," said Karl. "We love every aspect of what we do. We sometimes kick ourselves and ask, 'why didn't we do this earlier'?"

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PLEASANTON, Neb. (AP) When the Sweetwater Hemp Co.'s 16,000-square-foot hemp processing plant is operational in a few months, it will be the largest ice water extraction facility in the United States.

CEO Rory Cruise told the Kearney Hub the plant will run two extraction lines and can process fresh, frozen or dried buds. He added that most hemp processing plants use solvents such as carbon dioxide, ethanol or butane to extract the cannabinoids CBD or CBG.

"COVID has put me behind by about 3 1/2 months," Cruise said, so the equipment made by Canada's Whistler Technologies north of Vancouver - has not been delivered yet and processing likely won't begin until January.

There will be two 2,000-liter systems, which will allow identitypreserved batches based on CBD or CBG and different plant genetics and markets. Cruise said the processing will start by mixing 133 pounds of buds with 600 pounds of ice and water that is kept right at

- freezing temperature.

The focus is on trichomes, the clear, sticky substance from resin glands on cannabis flowers (buds) that has CBD and the other cannabinoids. He said the ice and water keeps the trichomes and plant material from sticking together.

A sifter removes the biomass, which Cruise said can be used on fields like any other valuable organic matter, "like green manure."

What remains is "bubble hash," a mix of CBD trichomes and terpenes that give flowers and herbs their aroma and flavor. He explained that the bubble hash is melted down later in a "terp reactor" and mixed with coconut or golden hemp seed oil.

Cruise and Allan Jenkins, of Kearney, a professor of economics at the University of Nebraska at Kearney who also is licensed as a 2020 hemp processor, said comments by Nebraska Attorney General Doug Peterson gives some processors cause for concern.

Jenkins described it as "a pretty significant curveball," which is

bg03qg

equipment this year.

He said the attorney general's office has indicated that at no time during processing can the THC level exceed the 0.3 percent legal limit for hemp products.

Jenkins said that's "unavoidable because you're concentrating everything" while extracting CBD oil from the plant.

When asked by the Hub if Jenkins' summary about THC levels and CBD processing are a true representation of Peterson's statements. Suzanne Gage, director of communications for the Nebraska Attorney General, wrote, "Our office previously issued a memo specifically intended as guidance for law enforcement and county attorneys in response to a law change. There is currently a case pending before the Nebraska Supreme Court (State of Nebraska v. Deborah Archer, originating in Washington County) involving the legality of hemp products that could provide further guidance on these issues."

Jenkins called the 0.3 percent

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why he didn't order processing THC limit "a bright red line and you can't go over it," even though the raw product coming in and processed product sold are below the limit.

"If you read the law, it doesn't say that," Cruise said about never crossing the THC limit during processing. He agreed with Jenkins that concentration is involved any time one or two elements are extracted from a raw product, and used biofuels processing as a similar example.

Cruise said the THC level issue won't affect the Sweetwater Hemp process because freezing water will keep THC levels down and the CBD will be mixed with oils. "Our engineers are working on the process to be in compliance," he said.

Jenkins worries about how the U.S. Justice Department's Drug Enforcement Agency might interpret the rules. So despite being a longtime advocate for hemp, he said that until the issue is clarified, "I won't risk going to jail."

Meanwhile, Cruise continues to source 2020 hemp from other growers. He has 900 plants in his family's Sprout House greenhouse southeast of Pleasanton and across the road from the processing plant, but estimates he'll need buds from 450 acres for year-round operations.

He's now working with eight to 10 growers. Cruise said that because of the delay in getting plant operations started, those farmers have been asked to dry their own hemp, bag it and deliver it to the plant.

Building construction started in May as part of an overall investment of about \$3 million in a hemp growing, processing and marketing business. The contractor is Bel-Wood Buildings of Grand Island.

The overall plan is for another 2,000-liter processing unit to be added within six months to a year, Cruise said.

"Before COVID hit, this facility was designed with a two-acre greenhouse ... to grow up to six types of cannabinoids," he added. "It's all designed and planned, but it's going to depend on if this

(processing) part grows." For now, he's planning to grow 900 plants again in 2021. "I probably will change the genetics to learn more about hemp genetics," Cruise said.

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Grant provides Kentucky veterans opportunity to pursue farm careers

by Jordan Strickler **Kentucky Correspondent**

Frankfort, Ky. - Kentucky veterans looking to enter the farming business will be getting a boost thanks to a new grant from the USDA. The \$746,567 grant provides agricultural opportunities for active veterans that are either currently farming or looking to get into farming and transitioning service members who wish to enter the agriculture industry in Kentucky through the AgVets initiative.The Kentucky Department of Agriculture (KDA), along with the Kentucky Center for Agriculture and Rural Development (KCARD), Kentucky Sheep and Goat Development Office, Kentucky Horticulture Council and University of Kentucky's Community and Economic Development Initiative of Kentucky, will collaborate on administering the grant with additional support from the Kentucky Farm Bureau Federation, Kentucky Commission on Military Affairs and Hopkinsville Community College.

"Creating more opportunities for our military veterans is vital for the men and women who have served this country," Quarles said. "Being able to combine this endeavor with increasing agriculture pursuits is a great benefit for veterans and Kentucky. It also is a natural partner with our Homegrown by Heroes agricultural marketing program. We are happy to be a part of this grant and work with other organizations to make these partnerships successful.'

The program includes a mentor program which will pair up veterans with producers who wish to get into the farming game and the opportunity to attend four workshops a year. Additionally, vets can also have access to farming training through the Army Career Skills Program (CSP), a government program which assists transitioning soldiers acquire skills that will assist them once they leave the service.

"Through CSP, soldiers can get things such as their CDL (Commercial Driver's License) and H-VAC certifications." says Kellie Padgett, KCARD Business Development Specialist "Well, we're working to create a permanent agriculture track."

Padgett says that the program will initially be focusing on small ruminants, such as sheep and goats, and vegetable crops.

"It seemed like a lot of our veterans who are coming in our door, those were some of their key interests," says Padgett. "However, we do have a really good working relationship with Kentucky cattlemen, so we do have the ability to pivot in that direction as well with enough interest."

The farmer/veteran movement got a tremendous boost with the 2014 Farm Bill. Under the Farm Bill, for the first time the USDA designated veterans as a distinct class of beginning farmers, allowing them access to lowinterest rate loans to buy animals and equipment. It also allows them to apply for grants to upgrade their farm and can aid them in receiving extra payments to implement conservation practices on their land.

Homegrown by Heroes, the official farmer veteran branding program of America currently administered nationally by Farmer Veteran Coalition (FVC), was the brainchild of the KDA in January 2013. The program -- which will be used to help find mentors for the AgVets initiative -- certifies ranchers, farmers and fisherman of all military eras to sell their product as veteran-owned and produced. The label attached to products in the program informs consumers that the agricultural products donning the logo were produced by U.S. military

Those interesting in learning more about Kentucky AgVets can go to https://www.kcard.info/kentucky-

Hoosier Ag Today continues dominance of farmer radio listening choices

Hoosier Ag Today (HAT), Indiana's largest farm radio network, remains the most listened to source for agriculture information in the state, according to the latest survey of farmer listening preferences. The Ag Media Research (AMR) study recently reported that HAT has a stateside reach of 51.7. This means that every day, over half of the farmers in Indiana listen to a Hoosier Ag Today station. The numbers are equally as impressive for specific commodity groups with 51.7 for soybean growers and 49.6 for corn growers. On Saturdays, HAT garnered a 34.5 with Hoosier Ag This Week, a 30-minute wrap up of the week's news, markets and weather. The AMR study is the result of phone interviews held with farmers across the state and in considered the industry standard for the agri-marketing community.

"Hoosier Ag Today has been the top rated network for the past 4 years and over its 15 year history has held the top spot all but once, "said Gary Truitt, founder and president of HAT. The team of four professional NAFB farm broadcasters produces programming that is relied upon daily by Hoosier farmers and has been honored with some of the industry's top journalism awards. "I believe it is our content that keeps us the leader in the state," noted Andy Eubank, vice president of operations for the network. In addition to Truitt and Eubank, the HAT broadcast team consists of Eric Pfeiffer, Ashley Davenport and meteorologist Ryan Martin.

In addition to reaching Indiana farmers via their local radio station, HAT also delivers its content directly to farmers on a variety of web and social media platforms. The Hoosier Ag Today podcast has been growing in popularity as more and more producers download the content via their mobile devices. In addition, HAT produces a number of special podcast programs including Crop Chat with Purdue experts Bob Nielsen and Shaun Casteel, and the Soil Health Podcast that focuses on cover crops and conservation; it is produced in cooperation with the Conservation Cropping Systems Initiative.

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INSPECTION: Monday, December 7 from 2-4:30 PM VINTAGE AUTOS: '56 Lincoln Premiere 2-door hardtop, 60K actual miles, original paint & interior, 368 V8 (a true survivor!); '65 Ford Mustang hardtop, stored inside since 1984, 58K miles, solid car; '66 Ford Mustang hardtop parts car ROAD TRACTOR/ ROLLBACKS: '98 International 8100 single axle day cab road tractor, miles: 513K, Cummins M11 diesel, tires: 22.5", several recent updates; '84 Ford F350 rollback, 4.9L gas, 4-speed manual, 14' bed, ran when parked 2015; '76 Ford F750 rollback, V8 gas, manual trans, 22' bed, ran when parked 2015;'97 Ford F150 Lariat pickup truck, 112K miles, one-owner, 4.6L, 2WD, power & leather VINTAGE FARMALL/IH TRACTORS (7): '49 Farmall Cub, restored with customized chrome; '49 Farmall Cub, restored; IH 184 Lo-Boy; IH 185 Lo-Boy; IH 154 Lo-Boy; '66 International Cub Lo-Boy; Cub Cadet 582 L&G, nice original paint VINTAGE/MODERN FORD TRACTORS (18): Ford 8N with original Funk 6-cylinder conversion kit, older restoration, hi-lo trans; (2) Ford 8Ns with V-8 conversions, older restorations; (2) Ford 601; Ford 841; Ford 961; '63 Ford 2000 off-set hi-clear, older restoration, includes cultivators & 3-pt; Ford 2000; Ford 3000 gas/diesel; Ford 4000 SU; Ford 4000; Ford 3600 tractor with Ford 7209 loader; Ford 4610 Series II SU tractor with Farmhand loader; Ford 8N with Dearborn saw mandrel; (2) Ford/Ferguson tractors GERMAN/DAVID BRADLEY/JD TRACTORS (3): '68 German Bungartz vineyard; David Bradley Tri-Trac garden tractor; '74 JD 4430 tractor, hrs: 4742, runs/drives-needs restored FORKLIFTS (6): Clark All Terrain gas, lift-3650; Clark LP; Clark LP, lift-3000; (2) Clark LP, lift-2250; Hyster LP, lift-2000 FARM & 3-PT EQUIPMENT (most stored outside): Hay equipment; NI 5408 3-pt 8' disc mower; (10) IH/NH 7' & 9'3-pt sickle mowers; (8) Ford/Woods 3-pt finishing mowers; (2) 3-pt wood splitters; (8) Ford 3-pt dirt scoops; (4) pull-type scraper pans; (2) 3-pt rear blades; (2) Danuser post drivers; 3-pt plows; 3-pt discs; 9' cultipacker VINTAGE FARMALL & FORD TRACTOR PARTS: Large assortment-visit beckortauctions.com for listing! SHOP EQUIPMENT & TOOLS: Large assortment-visit beckortauctions.com for listing! PEDAL CARS & TRACTORS: '48 GMC pedal truck; '57 Desoto pedal car; 60's Ford Mustang pedal car; Farmall M "FPS Edition" pedal tractor (new in box); Ford 8N pedal tractor (new in box); '71 IH 1066 pedal tractor COUNTRY ANTIQUES/PRIMITIVES: (4) IH cast iron cadet statues; (15) cast iron implement seats; CS Bell & Co #3.5 school bell; CS Bell & Co #3 school bell; early Laundryette copper washing machine; (3) Maytag kick start engines; vintage saw; barn lanterns; cream separator; vintage tools; etc Estate of Ed

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Outlook for hay and straw looking good this winter

By Stan Maddux **Indiana Correspondent**

Livestock producers shouldn't have trouble finding enough good quality hay at lower prices this

Supply and quality are much higher from last year when a historically wet spring hurt production and quality, said Paul McGill of Rockville Valley Hay Auction Co. in Rockville, Iowa.

McGill also said the price of hay despite being at higher quality is roughly 15-percent to 20-percent lower than a year ago because of stronger yields and slightly lower demand from livestock producers.

"The quality is higher but the prices are not," he said.

McGill said the per ton price of hay in his region covering Iowa, South Dakota, North Dakota, Nebraska and Minnesota is selling anywhere from \$125 to \$190.

The price of straw ranged from \$80 to \$120 per ton, he said.

McGill said the price of straw is much lower from higher yields this year and greater supply of dry corn stalks and poor quality grass caused by lack of rain late in the growing season.

As a result, McGill said livestock producers are turning to the less expensive stalks and grass as a substitute for bedding and feed to help with profit margins squeezed by lower beef prices the past few years.

Straw, the lower end of the plant left after harvest, is used primarily as bedding.

McGill said more However, livestock producers the past decade or so have used straw as a feed mix because of its lower cost.

"The straw market is in pretty tough shape this year," McGill said. McGill said the price of straw

has also not been helped by a mild Bussler said.

November limiting the need for bedding, so far.

Much of the hay in the nation is produced in states like Wyoming and Montana along with the western ends of the Dakotas and Nebraska.

McGill said helping producers to the east and into the Midwest is an uptick in demand from the west because of very dry weather cutting into typically abundant supplies.

"There's pretty good demand out there which holds the market up a little bit," he said.

Greg Bussler, a statistician with USDA's National Agricultural Statistics Service in Wisconsin, said hay in that state was priced at \$146 per ton in September.

Alfalfa hay was selling at \$159 per

He said the price of both kinds of hay was down about \$30 per ton from a year ago.

"It's a pretty significant drop," Bussler said.

Bussler said driving lower demand in Wisconsin is a continued drop in the number of dairy farms.

The number of dairy farms in the state has decreased from 12,502 in 2010 to 6,966 last year because of the nationwide slump in milk prices and lower demand for the beverage,

According to NASS, the amount of hay produced for every acre this year saw a modest .40 increase to 2.8 tons.

Lower demand resulted in 148,000 acres of less hay planted this year.

Bussler said there should be no shortages of hay this winter unlike last year when farmers in some parts had to find other sources to get by until spring.

According to NASS, the condition of 80-percent of the hay in Wisconsin was rated as excellent.

"It was a good year for hay,"

Denmark says mink farmers cull 15 million

COPENHAGEN, Denmark (AP) — Danish fur farmers say they've been dealt a major blow after the world's largest mink fur exporter decided to cull all 15 million minks in Denmark's farms, to minimize the risk of them re-transmitting the coronavirus to humans — a decision that has also raised eyebrows among

"I do not think there is a mink profession in the future," said breeder Frank. "I hope that they have evidence behind (their claim) and that it is the right decision," said Andersen, who has run a mink farm with his father for the past 15 years near Hjoerring in northern Denmark, and has about 15,000 animals.

The government said a mutation in COVID-19 has been found in 12 people who got infected by minks in the northern part of the country, announced plans to cull all minks in the country and promised to compensate farmers.

But Fur Europe, a Brussels-based umbrella organization representing national associations in 28 European countries, said there was no indication mink farming was an important factor in transmitting the virus. The group urged Denmark to release its research for scrutiny amongst international scientists.

"Experts and public authorities agree that mink farming plays no significant role in the spreading of COVID-19," the group said.

Medical experts were also puzzled by the Danish claim of a mutated virus.

James Wood, head of veterinary medicine at Cambridge University, said the true significance of the reported mutations in Denmark "(has) not yet been evaluated by the international scientific community and (is) thus unclear."

The coronavirus evolves constantly and, to date, there is no evidence that any of the mutations have affected COVID-19's impact on people.

Denmark which produces an estimated 17 million furs per year, "is clearly taking a precautionary stance," said Ian Jones, a professor of virology with the University of Reading.

Last month, Denmark started culling millions of minks in the north of the country after COVID-19 infections were reported among the stock there. Nationwide, at least 207 out of the 1,139 fur farms in Denmark have now been

In the Netherlands, another mink fur producer, only minks on a farm found to be infected are culled. Infected minks have been found at a total of 69 Dutch farms and well over 1 million animals have been culled.

In August, the Dutch government announced that it is bringing forward the mandatory end of mink farming in the country by three years amid a growing number of coronavirus infections at fur farms. The industry already was working toward a total ban on all Dutch mink farms by 2024. That has now been brought forward to the spring of 2021.

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For some it may be too soon to read Unprepared

"Unprepared: America the Time of Coronavirus," introduction by Timothy Egan, complied and edited by Jon Sternfeld, c.2020, Bloomsbury, \$28, 355 pages

Your fingers are raw and wrinkly.

That's because sanitizer is your friend, you use a lot of soap and water. But, where do we go now? In "Unprepared," compiled and

edited by Jon Sternfeld, you first have to know where we've been.

On Dec. 31 last year, as the first few notes of "Auld Lang Syne" began to play, Chinese officials quietly warned citizens that they'd confirmed seven cases of SARS from a seafood market in Wuhan. Chances are, the average American didn't know it.

Five days later, 59 people in Wuhan were sick with the virus.

By Jan. 21, 300 Chinese victims had fallen ill, a fact that National Public Radio reported, and the CDC in Atlanta confirmed America's first case of 2019-nCoV in Washington state; the following day, President Donald Trump said the situation was "under control." A month later, the stock market "slumped" in response to what was now called coronavirus.

By early March, there were 90,000 Covid-19 cases, world-wide. Many of those were in the U.S. and the pandemic was spreading despite President Trump's public assertion that things were "fine." Americans wanted tests, but access was lacking; Personal Protective Equipment (PPE) for medical personnel was starting to run out. On March 7, there were "around" 200 cases of Covid-19 in

had more than tripled. Dr. Anthony Fauci of the NIAID

THE BOOKWORM SEZ Terri Schlichenmeyer

suggested that Americans would have to "hunker significantly" squash the virus. Americans African particularly illness. Businesses

unemployment rose. By May, Americans were frustrated about shut-

temporarily shuttered and

downs, mask mandates, job loss, and deaths. Mayor Keisha Lance Bottoms of Atlanta said, "This is chaos...'

On May 25, George Floyd died on a street in Minneapolis and protests broke out in almost every major city in America.

On June 5, there were more than 875,000 confirmed Coronavirus cases in the U.S...

For sure, readers of "Unprepared" will notice one important thing: it's not finished.

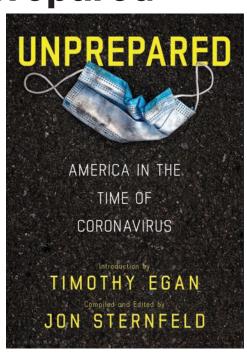
That should come as no big surprise; compiler-editor Sternfeld admits in his author's note that he compiled only just so far, and that he "wouldn't venture to guess" what would happen after he penned his note last summer. It's probably just as well; who could've ever accurately predicted the last four months?

Despite its we-know-what-happens cliffhanger, though, "Unprepared" is too much, and that may be because we've lived what's here and it's still pretty fresh in most readers' minds. And yet, reading it makes the last year feel like a new shock, like knowing a stove is hot and touching

the U.S.; three days later, that it anyway. Watching the virus arrive in this oral history - this must have been what Dust Storm victims felt

> "Unprepared" is not an easy thing. It's not cut-and-dried, nor is it complimentary to many politicians; instead, you're left with your own thoughts, fears, and a story to complete. It's a sobering book, and there's no way to sanitize that.

> Sometimes, you crave more information, so look for "Plagues, Pandemics and Viruses: From the Plague of Athens to Covid-19" by Heather E. Quinlan (Visible Ink Press), which is a wide look at frightening times throughout history; or "The Rules of Contagion" by Adam Kucharski (Basic Books), a book about how things spread, from ideas to fads, and violence to diseases.



Nearly 200 queens found in hornet's nest

SPOKANE, Wash. (AP) - When scientists in Washington state destroyed the first nest of so-called murder hornets found in the United States, they discovered about 500 live specimens in various stages of development, officials said.

Among them were nearly 200 queens that had the potential to start their own nests, said Sven-Erik Spichiger, an entomologist leading the fight to kill the hornets. "We got there just in the nick of time," he said.

Still, that didn't end the threat from the giant insects that can deliver painful though rarely deadly stings to people and wipe out entire hives of honey bees. Scientists think other nests already exist and say it's impossible to know if any queens escaped before the first nest was destroyed.

Asian giant hornets, an invasive pest not native to the United States, are the world's largest hornet at 2 inches (5 centimeters) long, and a predator of other insects, including the honey bees that pollinate many of the crops in Washington's multi-billion-dollar agriculture industry.

Despite their nickname and the hype that has stirred fears in an already bleak year, the hornets kill at most a few dozen people a year in Asian countries, and experts say it's probably far less. By comparison, hornets, wasps and bees typically found in the United States kill an average of 62 people a year, the Centers for Disease Control and Prevention has said.

The first murder hornets' nest - found in a tree and destroyed in late October in Whatcom County along the Canadian border - was about the size of a basketball.









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(3) Brent 650 bu. wagons, center dump. 937-408-4402 New Carli-

330 DAIRY EQUIP.

New complete milk pasteurizing and bottling equipment built by Micro Dairy Design, asking \$20,000. John Ayars 937-609-3541 Mechanicsburg, OH.

340 HAY & STRAW

(10,000) sm. sq. bales wheat straw, clean, long, \$4.50 per bale. 937-726-9580 Anna, OH.

(100) 4'x5' round bales straw, clean, bright, no rain, \$25 ea.; (5000) small sq. bales straw, clean, bright, no rain, \$4 ea. 812-592-2128 North Vernon, IN.

(1000) bales gd, heavy, small bales orchard grass mix hay, \$6 ea; (1000) bales alfalfa grass mixed, \$7 ea. 859-298-5609 Cynthiana, KY.

(1000) bales Wheat straw, 3x4x7.5, stored inside. 937-423-5404 Versailles, OH.

(1000) small square bales straw, twine tied. 317-491-3392 Greenfield, IN.

(130) corn stalk round bales, 4x6, dry & clean, \$30. 317-919-1459 Lebanon, IN.

(150) 3x4x8 grass, low K, very nice hay, dry cow, horse; (70) bales 3x4x6 Alfalfa baleage, 23% protein; (50) round bales 4x4 rye grass baleage, 14.5% protein; (50) round bales 4x5 Orchard grass baleage, 14.5% protein. 606-331-2674 Crab Orchard, KY.

(1500) 2020 small square bales of clean, bright wheat straw, barn stored, \$4 ea. 812-614-0456 Westport, IN.

(3000) small square bales of clean wheat straw. 812-871-1226 Osgood, IN.

(330) 3x3x8 bales Wheat straw, 650 lbs ea., clean, bright, stored inside. 812-534-3471, 812-534-3472, 513-405-8054

1st cut mixed grass hay, 3x4x8 bales, timothy, orchard grass & Brome, stored inside. Delivery avail. Jones Farms. 812-267-0712 Palmyra, IN.

2nd cutting clover, (160) bales, 3x4x8, \$240/ton; Grass/hay w/ 10% Alfalfa, 4x5 round bales, \$65/bale. 419-408-0771 Bryan,

2nd cutting mixed Alfalfa hay. 765-874-1071 Williamsburg, IN.

2x4x8 bales of first, second, third, fourth cutting hay, Alfalfa orchard grass, nice hay, test avail.; also, straw. 765-256-0443 Cambridge City, IN.

3x4x8 900# straw bales & small straw bales. 765-412-3435 Del-

4'x8' bales Alfalfa, 4'x8' straw, 4'x5' net wrapped round bales, small square Timothy mix, 513-218-2913 Hamilton, OH.

4x5 bales corn stalks wrapped, baled dry, \$25. 765-427-3577 Flora, IN.

4x5 rd. grass or alfalfa & grass, stored inside, also sq. bales grass or alfalfa grass. 812-350-4601 Columbus, IN.

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(2) 15.5/38 Goodyear long bar/ short bar tires, like new, (1) needs boot, \$550. 812-614-4753 Greensburg, IN.

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2006 JD 693 6-30 CH, Contour Master, fluted rolls, header height sensors, stalk stompers, hyd. deck plates, \$14,900. 765-277-0258 Portland, IN.

2010 FD70 Mack Dawn draper head, 40', JD hook up, exc. cond., \$ 39,900. 419-302-1404 Harrod, OH.

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2019 Case IH 8250, 157 rotor hrs., \$54000 in options, combine automation, folding unload auger, full GPS, HD lights, grain tank cover, luxury cab, pivoting spout, Michelin 620/70Rx42 duals, 750/ 65R26 rear tires, PowerPlus CVT drive w/seed rake & more, \$372,000. Pics on Craigslist. 937-533-0763 Camden, OH.

9510 JD 925 GH, 6R CH, 2480 sep. hrs., \$38,000. 419-852-8829 Fort Recovery, OH.

AgCo 30' 500 model GH, gd. to exc. cond., \$4500. 419-303-1407 Cloverdale, OH.

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JD 218 GH w/cart, serial #44375, \$2800. 513-290-7169 Cincinnati, OH.

JD 300 corn picker w/343 CH. 574-202-4401 leave message. Goshen, IN.

JD 3300 combine, gas, 2R CH, 10' bean head. 812-595-1704 Lexington, IN.

JD 443 4R narrow CH, gd. cond. 317-432-6185 Greenfield, IN.

JD 643 CH, low tin, fair cond., \$2750. 765-512-9988 Shelbyville, IN.

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JD 925 flex GH, hyd. reel, hyd. fore & aft, variable speed reel, very gd. cond. 937-371-0594 Xenia, OH.

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1465 Earthmaster 5 shank ripper w/Unverferth leveling bar & drag bar on back, gd. shape, \$6500; 1997 Case IH 4300 25' field cult, w/knock on shovels, w/ 5 bar spike tooth harrow, rear hitch & hyd., nice shape, \$7500. 765-661-0116 Jonesboro, IN.

2015 McFarlane 4145 reel disc, all new Cobra blades, exc. great for fall tillage, \$39,500. 765-993-4250 Liberty,

2500 DMI 5 shank ripper; DMI 1300 econo chisel disc chisel, 11 shank. No texting! 574-355-2541 Logansport, IN.

6001-T Poettinger terra disc, 20'. 937-459-0656 Bradford, OH.

720 IH 6 btm., 18" plow, auto. reset, new cond., shedded most of it's life. 812-320-4163 Morgantown, IN.

8000 Krause excelerator, 25', flat bar basket, hyd. star wheels, owner, \$39,950. 419-586-2524 Celina, OH.

Athens model 116 disc, Glencoe DR8700 7 shank disc ripper. 765-480-9232 Kokomo, IN.

Brillion X 108, 23' packer, good shape, \$8500 937-768-2982 Greenfield, OH.

Case IH 181, 20', rotary hoe, end transport, exc. spoons, \$5200. 937-768-2982 Greenfield, OH.

DMI 5 shank ripper, SN:420804, \$4000 obo. 765-969-0527 Hagerstown, IN.

510 TILLAGE (PLOWS, DISCS, ETC.)

JD 6 bottom 2800 plow. 937-538-8516 Anna, OH,

Maschio SC 300 rotary tiller 10', 540 PTO, rear roller kit. Todd 419-356-4732 Curtice, OH.

New 3 pt. tillers, 4' \$1475, 5' \$1575, 6' \$1875, 7' \$2225. 812-366-3540 Corydon, IN.

PB 115 Kverneland, 5 bottom, rollover plow, variable widths, auto reset, \$20,500. 937-768-2982 Greenfield, OH.

Sunflower 28' soil finisher model 6333, exc. cond., 32' Krause field w/knock on shovels, very gd. cond. 574-286-5089 Bremen, IN.

520 PLANTERS - DRILLS

2008 JD 1770NT 12R corn planter, finger pickup, set up on 2020, gd. cond. 937-423-3330 Union City, OH.

2012 White 8222 precision planting, 20/20 Gen. 1, airforce lift, spring down, STP opener blades, furrow cruiser closing wheels, Martin floating row cleaners, 400 gal. fertilizer, second ground drive pump for 28 with rear hitch, 28 placement is 2x2x2 Yetter, drag chains, RID gauge wheels, PTO pump, planter uses 2 hyd. remotes. Video/pictures avail. 765-561-5529 Rushville, IN.

Case IH 900 6R plate planter, dry fertilizer, cross auger, very good condition, \$6000. 937-768-2982 Greenfield, OH.

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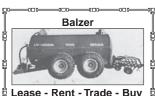
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\$6.9 million approved for Kentucky projects

FRANKFORT, Ky.– The Kentucky Agricultural Development Board approved \$6,914,331 for agricultural diversification and rural development projects across the commonwealth at its monthly board meeting.

"In November, the Kentucky Agricultural Development Board approved one of its largest totals in 2020: more than \$6.9 million," said Gov. Andy Beshear. "This robust funding will provide resources to thousands of agriculturalists and continue to support our vast agriculture industry, from beef and dairy production to beekeeping and community gardens and so much more."

State Investments:

- The Kentucky Department of Agriculture (KDA) was approved for \$2,624,895 in state funds for calendar years 2021 and 2022 to fund the Kentucky Proud program. Kentucky Proud serves as Kentucky's official agriculture marketing and promotional program, and its membership spans the entire spectrum of agriculture in the commonwealth.
- The Kentucky Beef Network (KBN) was approved for \$1,445,400 in state funds for calendar years 2021 and 2022 to continue to provide programs that enhance net farm income for cattle producers. The KBN provides a variety of programs for beef producers on topics such as grazing, backgrounding, finishing, business development and
- The Kentucky Dairy Development Council (KDDC) was approved for \$1,594,123 in state funds for calendar years 2021 and 2022 to continue its mission of educating, representing and promoting Kentucky's dairy producers and dairy industry as a whole. The KDDC provides a number of programs for dairy producers to improve sustainability and profitability of the dairy industry in Kentucky.
- Owl Holl'er LLC, located in Allen County, was approved for \$37,500 in state funds to purchase and install a freezer and cooler equipment, and to make improvements to its custom processing facility.
- Hometown Butcher, located in Adair County, was approved for \$250,000 in state funds as a forgivable loan to expand its processing facility and purchase additional processing equipment.
- Trackside Butcher Shoppe LLC, located in Henry County, was approved for \$250,000 in state funds as a forgivable loan to expand its processing facility to include a second meat processing room with the necessary processing and packaging equipment.

County Investments:

- The Bell County Conservation District was approved for \$1,803 in Bell County and \$29,622 in state funds to administer five Shared-Use Equipment Programs. A crowding tub, hydraulic post driver, lime spreader, manure spreader and hydraulic posthole auger will be available for producers to lease. For more information, contact Charlotte Hatfield at cihatfield64@gmail.com or 606-337-6320.
- Northern Kentucky Cattlemen's Association Inc. was approved for \$95,871 in Boone County funds to administer CAIP with a maximum producer limit of \$2,500 for the 2020 program year. For more information, contact Keith Rittinger at keithrittinger@gmail.com or 859-743-7657.
- The Pennyrile Resource Conservation and Development Area Inc. was approved for \$2,500 in Christian County funds to help fund a community garden. This funding will allow for expansion of the current community garden, which provides citizens of Hopkins and Christian counties with fresh vegetables. "I am happy that the Pennyrile RC&D were approved for the funding to help with the community garden," said Rep. Myron Dossett (R-Pembroke). "This will allow citizens and their children access to

nutritional fresh produce, which is vital to a healthy life."

- Franklin County Cattlemen's Association was approved for an additional \$54,000 in Franklin County funds to administer CAIP with a maximum producer limit of \$5,000. For more information, contact Crystal Harrod at fccd103@gmail.com or 502-352-2701.
- Garrard County Farm Bureau was approved for an additional \$40,000 in Garrard County funds to administer CAIP with a maximum producer limit of \$3,000 for the 2020 program year. For more information, contact Gilbert Edington at gilbertedg58@gmail.com or 859-339-3980.
- Hancock County Cattleman's Association LTD was approved for \$5,000 in Hancock County funds for a Hancock County Youth Agriculture Production Cost-Share Program. Students can submit a business and marketing plan for their projects for the potential to receive 50 percent in cost-share reimbursement, up to \$700. "As a member of the Tobacco Settlement Committee, I am supportive of Hancock County receiving this money and look forward to seeing it go to a great program," said Rep. Dean Schamore (D-Hardinsburg). "We need to continue to invest in the next generation, and grooming young farmers is an area we do not want to overlook."
- Johnson County Conservation District was approved for \$550 in Johnson County funds to administer the Shared-Use Equipment Program. A broadcast seeder will be available for producers to lease.
- Laurel County Cattlemen's Association Inc. was approved for \$15,000 in Laurel County funds to administer YAIP with a maximum student limit of \$1,500 for the 2020 program year.
- Livingston County Board of Education was approved for \$39,300 in Livingston County funds to administer two Shared-Use Equipment Programs. A lime spreader and no-till drill will be available for producers to lease.
- Lyon County Conservation District was approved for an additional \$24,811 in Lyon County funds to administer CAIP with a maximum producer limit of \$5,000 for the 2020 program year.
- Menifee County Board of Education was approved for \$10,000 in Menifee County funds to purchase a CNC digital plasma cutter system, and to update existing agricultural mechanics equipment. More than 120 students in the agricultural education department at Menifee County High School will benefit from this project.
- Ohio County Cattlemen's Association Inc. was approved for \$107,496 in Ohio County funds to administer CAIP with a maximum producer limit of \$5,000 for the 2020 program year.
- Ohio County 4-H Council Inc. was approved for \$10,000 in Ohio County funds to administer YAIP with a maximum student limit of \$1,500 for the 2020 program year.
- Campbellsville Independent Schools Board of Education was approved for \$15,000 in Taylor County funds for a high school greenhouse. Campbellsville Independent High School recently began an agricultural education program, and a greenhouse will provide students with hands-on experience.
- Green River Beekeepers Inc. was approved for \$960 in Taylor County funds to purchase new honey extracting equipment. This new equipment will be safer to use and benefit the 336 beekeeper members.
- Todd County Conservation District was approved for \$235,000 in Todd County funds to administer CAIP with a maximum producer limit of \$3,500 for the 2020 program year.
- Union County Conservation District was approved for \$25,500 in Union County Funds to administer the Shared-Use Equipment Program. A no-till drill will be available for producers to lease.

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Michigan conservation districts get \$6.5 million in grants

By Kevin Walker **Michigan Correspondent**

LANSING, Mich. - The Michigan Dept. of Agriculture and Rural Development (MDARD) has announced \$6.5 million in grants for the state's conservation districts.

The environmental stewardship division has awarded 95 grants in all for 57 of the state's conservation districts for the next fiscal year to help implement voluntary conservation programs on private land. Conservation districts work to enhance and conserve soil, water, wildlife and other natural resources in their communities. The grants were distributed to five different state programs. One of those is the Michigan Agriculture Environmental Assurance Program (MAEAP), which received 42 grants.

MAEAP is a voluntary state level program that's been in existence since 2001. Its goal is to 'verify' best management practices by farmers by helping to guide them through different environmental stewardship regimens on their farms. If they successfully complete the steps, they can become verified and can have a sign indicating that at the front of their farm property.

"Technicians at the conservation districts work one on one with farmers to work towards MAEAP verification," said Joe Kelpinski, MAEAP program manager at MDARD. "These technicians are really our boots on the ground."

Conservation district technicians are essentially consultants for farmers seeking to obtain a MAEAP verification. Once a farmer is ready for a final inspection, he can have a staff member from MDARD come to the farm to see if the best management practices have been achieved or not, which will determine whether or not the farm receives the verification. As with almost everything else, the covid outbreak has affected the program.

"The MAEAP program continues to grow, even though this year was tough," Kelpinski said. "We lost about three months in the first part of the year, but overall we continue to grow at about 10 percent a year." Kelpinski said that since 2002 MDARD has verified about 3,500 farms, which translates into about 5,700 verifications altogether, includes reverifications. Farms must be re-verified every five

years to maintain the status.

One farmer who has achieved verification through MAEAP is Jay Williams, who grows corn, soybeans, wheat and alfalfa on 1,350 acres in Hillsdale County in Southwest Michigan. He also raises beef cattle. He became verified in cropping systems in about 2010. One of the biggest changes he had to make was aligning his fertilizer applications and timing with his crop, to maximize nutrient uptake and minimize runoff.

"We try to be a leader in the stewardship of our land," he said. "We wanted to tell our community that we were doing the right thing for our environment. We've had questions and positive comments about our MAEAP verifications. We've been blessed with really great conservation district staff over the years."

One of the MAEAP technicians in Hillsdale County is Cody Birdsell. He said since MAEAP is a voluntary program, most of the farmers he deals with are people who want to be a part of it. "There's some farmers that don't want to be a part of MAEAP because they don't like the government, but there are others that want the sign out in their front yard and do want to be a part of it. Those people want to take care of their land and have sustainable practices for future generations,"

The conservation districts won 42 grants for the MAEAP program, but were also awarded grants for several other, similar programs. They received 24 grants for the Conservation Technical Assistance Initiative (CTAI). CTAI provides Michigan farmers and landowners with conservation planning and engineering assistance, allowing them easier access to federal costshare dollars for implementing conservation practices. Six grants were also awarded for the Produce Safety Program, which is a joint effort between conservation districts, U.S. FDA, MDARD and Michigan State Universitv Extension.

The Forestry Assistance Program received 19 grants. This program provides private forestland owners expert help from conservation district forestry experts with the goal of promoting sustainable management of the private forest resource. The last program to receive grants is the Phosphorus Initiative. It's an undertaking between MDARD and the USDA to accelerate and enhance the implementation of conservation practices aimed to reduce phosphorus and sediment in Michigan. The program received four grants; these will enable four conservation district technicians to provide technical help to farmers and land-

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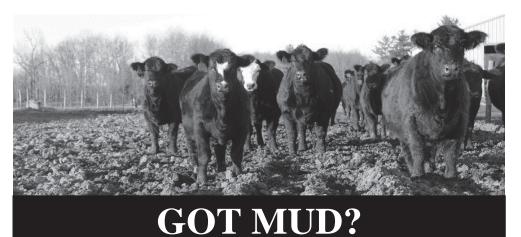
NASHVILLE, Tenn. - The holiday shopping season is just around the corner, and the right gifts for family and friends await at your local small businesses. Dedicated to supporting small businesses and communities across the country, Small Business Saturday is Nov. 28.

"For ten years, Small Business Saturday has been an impactful day," Agriculture Commissioner Hatcher, D.V.M. said. "This year, shop ping local is more meaningful than ever. Small business owners have made adjustments during the pandemic to keep shoppers and employees safe. When you shop local, you sustain the economy, you encourage entrepreneurs, and in return, you get high quality products and services from people who care about your community."

Pick Tennessee Products is your go-to source to find farm and artisan products near you. The Pick Tennessee directories connect shoppers with approximately 2,700 Tennessee farm-direct and food businesses, many of them small businesses.

Tennessee's first craft cidery, Gypsy Circus Cider Company in Kingsport, is eager to welcome people for Small Business Saturday. And, owners Aaron and Stephanie Carson say they are giving back that day to help other businesses. "Tennessee has a growing craft beer and cider industry, and taprooms have become community and family gathering spots," Stephanie Carson said. "COVID has impacted many of them and their employees. On Small Business Saturday, we are donating \$1 from the sale of each pint of cider and appetizer to the Tennessee Action for Hospitality

Nash Family Creamery in Chapel Hill is ready for Small Business Saturday with their locally made foods. "Small businesses are the backbone of our country," owner Cody Nash said. "One of the ways we give back and support our community is by selling local products. We offer a variety of dairy products, ciders, BBQ sauces and rubs. applesauce, pecan butter, and honey which are all made locally."



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Farmers earning 11.9 cents on the Thanskiving meal

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WASHINGTON - For every dollar Americans spend on their Thanksgiving dinner this year, farmers and ranchers will earn approximately 11.9 cents, according to National Farmers Union (NFU). This marks a slight decline from 2019, when farmers claimed 12.15 cents of the Thanksgiving food dollar.

@NFUDC

Though farmers' increasingly small share of food expenditures could be blamed on dropping commodity prices in years past, that isn't the case this Thanksgiving; after cratering during the pandemic, prices for many agricultural products have mostly recovered. Instead, the shift can be attributed to higher grocery bills. In the last 12 months, the food prices have risen nearly 4 percent, far outpacing the 1.4 percent rate of overall inflation.

The rise in food prices couldn't come at a worse time for American families, who are experiencing elevated rates of unemployment and food insecurity as a result of the covid-19 pandemic. "Ordinarily, Thanksgiving is a time to gather with our loved ones and enjoy a big meal," said NFU President Rob Larew. "But for many Americans, the typical, food-filled get-together won't be possible, and not just because of public health concerns. With millions out of work and no additional government support in sight, the cost of traditional holiday foods may simply be out of reach for some families."

Since the beginning of the pandemic, NFU has been pushing legislators to expand the nutrition safety net in order to offset an abrupt rise in food insecurity. Congress took some steps to do so with the passage of the Coronavirus Aid, Relief, and Economic Security (CARES) Act in March, which added \$15.5 billion to the Supplemental Nutrition Assistance Program (SNAP) in order to accommodate more participants and facilitated the redistribution of surplus food from farmers to food banks. In the subsequent eight months, however, most of the CARES Act funding has been spent, and there has been little progress

towards securing additional support for nutrition assistance programs.

November 17, 2020

"As cases continue to rise across the country and safety measures are put in place, it's clear that we have a long ways to go with economic recovery," said Larew. "In the meantime, it is a moral imperative that we ensure every single American has access to the food they need. By far the most cost-effective and efficient way legislators can achieve that is by expanding SNAP benefits."

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2013 JD 8360R, IVT, ILS, 2500 HRS 2010 JD 7130, CAH, PQ, MFD, 2062 HRS 2016 JD 6110R, 24SPD PQ, MFD, LDR, 650 HRS 2012 JD 6430, CAH, 24SPD PQ, MFD, LDR, 3250 HRS 2010 JD 6230 PREMIUM, CAH, PQ, MFD, LDR, 1885 HRS 2011 JD 5101E, CAH, MFD, LDR, 1100 HRS 1984 JD 4250, QR, TWD, 3400 HRS 1991 JD 2955, OS, TWD, LDR 2014 JD 3038E, OS, MFD, LDR, 500 HRS 2012 CIH 600 QUADTRAC, PTO, 3700 HRS 1994 CIH 9250, PS, BB, 7211 HRS 2014 CIH 380 MAGNATRAC, CVT, GUIDANCE, 1875 HRS 2015 CIH MAGNUM 340, CVT, MFD, 1865 HRS 2014 CIH MAGNUM 310, PS, MFD, GUIDANCE, 1780 HRS 2008 CIH MAGNUM 335, PS MFD, GUIDANCE 3500 HRS 2008 CIH MAGNUM 275, PS, MFD, 4600 HRS 2020 CIH MAGNUM 250, PS, MFD, GUIDANCE, 355 HRS 2015 CIH MAGNUM 250, PS, MFD, 2450 HRS 2012 CIH MAGNUM 225, CVT, MFD, 2000 HRS 2008 CIH MAGNUM 245, PS, MFD, 3200 HRS 2008 CIH MAGNUM 215, PS, FRONT SUSP, 3100 HRS 1995 CIH 7240 MAGNUM, PS, MFD, 6380 HRS 2008 CIH JX80. CAH. MFD. LDR. 700HRS 2007 NH TG305, PS, MFD W/ SUSP, 2285 HRS

2019 KUBOTA MX5800, OS, HYDRÓ, MFD, LDR, 55 HRS CONSTRUCTION

2000 VOLVO L30B WHEEL LOADER, 2676 HRS 2016 BOBCAT E42, OS, E-HOE, 876 HRS 2016 KUBOTA SVL 95-2S, CAH, 2SPD, HIGH-FLOW, 1800 HRS 2016 BOBCAT S740, CAH, 2SPD, 1400 HRS 2004 BOBCAT 463, OS, 340 HRS

HEADS

2011 MAC DON FD70 40FT DRAPER, JD ADAPTER 2014 JD 640FD DRAPER HEAD 2010 JD 635F HYDRA FLEX GRAIN HEAD 2012 CIH 2162 40FT DRAPER, IH WIDE ADAPTER 2012 CIH 3020 25FT GRAIN HEAD 2020 35FT GRAIN HEAD 2003 CIH 1020 30FT GRAIN HEAD 2002 CIH 1020 25FT GRAIN HEAD 2000 CIH 1020 20FT GRAIN HEAD 2013 DRAGO 1220 SERIES II, CHOPPING, IH WIDE ADAPTER 2003 CIH 2206, NARROW THROAT, KR, HD 2012 GERINGHOFF RD800B, 8R30, HD, HH, JD ADAPTER MISC HEAD TRAILERS

EQUIPMENT

2014 KUHN-KRAUSE 5635 24FT FIELD CULTIVATOR CIH 200 26FT FIELD CULTIVATOR CIH 4300 30FT FIELD CULTIVATOR SUNFLOWER 5055 50FT FIELD CULTIVATOR WIL-RICH QX2 47FT FIELD CULTIVATOR SUNFLOWER 6333 31 & 25FT SOIL FINISHER KRAUSE 7300 24FT RF DISC GREAT PLAINS 2400TM SUNFLOWER 6631 29 & 40FT VT UNVERFERTH 1225 30FT ROLLING BASKET BRILLION XL144 32FT PACKER **BRILLION X108 27FT PACKER** JD 714 11 SH DISC CHISEL CIH 870 11 SH DISC RIPPER 2012 KUHN KRAUSE 4850-15 DISC RIPPER NH HT154 12 WHEEL HAY RAKE JD 702 8-WHEEL HAY RAKE NH 256 HAY RAKE PENTA 3020-SD TMR MIXER LANDPRIDE RC2512 12FT BATWING MOWER WOODS BB840X 7FT ROTARY MOWER JD MX8 ROTARY MOWER

COMBINES

2017 CIH 8240, RWA, CHPPR, POWER TOP, GUIDANCE, 1400/1031 HRS 2016 CIH 8240 RWA, CHPPR, POWER TOP, GUIDANCE, 1383/1073 HRS

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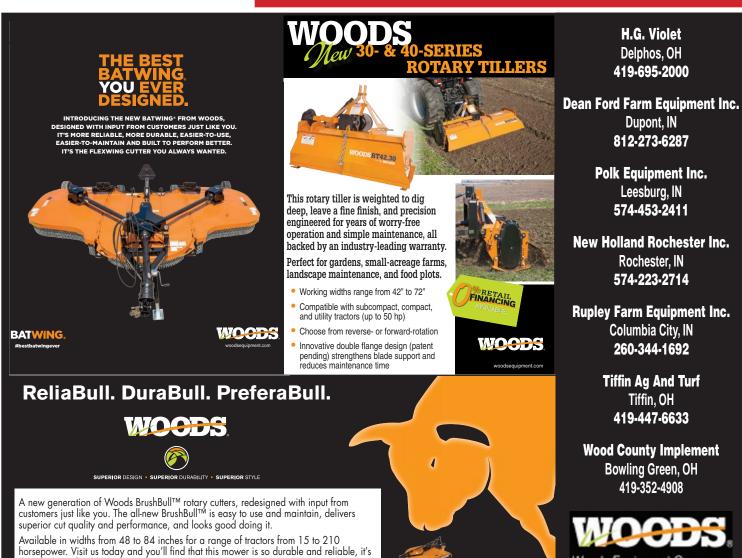
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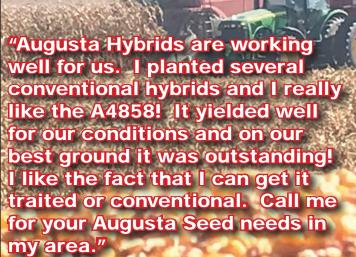
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SOYBEANS

2020 Soybeans Top 30 Performance Summary for Ohio Northwest [OHNW]

All-Season Test
2.4 - 3.4 Day CRM
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Top 30 of 53 For Gross Income (Sorted by Yield) (12) Re

OZOZOGITIVV	2000											or Gross Incom	ie (Soited by i	icid), (12) Replic	ation Avera
Company/Brand	Product/Brand	Technol.†	RM	SCN	Yield Bu/A ↓	Protein (%)	OII (%)	Moisture %	Lodging %	Gross I \$/Acre	ncome Rank	Archbold	Delphos	McComb	Tiffin
EBBERTS	E3350 E3	E3	3.3	R	64.0			12.5	2	664	1	60.7	62.6	65.0	67.7
FS HISOY	HS 34X60	RRX	3.4	R	62.8			12.2	3	651	2	59.4	61.4	67.1	63.2
GENESIS	G3350E	E3	3.3	R	62.2			12.2	2	644	3	58.6	59.2	69.0	61.9
PARTNERS BRAND	PB3321E3	63	3.3	MR	61.8			12.7	2	540	4	55.6	57.0	71.1	63.4
PIONEER	P33A24X §	RRX	3.3	R	61.7			11.4	2	640	5	63.5	62.9	60.9	59.3
FS HISOY	HS 32E00	E3	3.2	R	61.4			12.4	2	636	6	58.9	64.3	61.8	60.5

2020 Corn Grain Top 30 Performance Summary for Ohio Northwest [OHNW]



CORN

Early-Season Test

B2020OHNWa				Yield	Moisture	Lodging	Gross I	come		101 01033 1110	78	by Yield), (15) Replie	
Company/Brand	Product/Brand	Technol.†	RM	Bu/A ↓	%	%	\$/Acre	Rank	Archbold	Caledonia *	Dola	REJECTED	Tiffin
EBBERTS	9626SSX RIB	STX,B	106	215.0	19.5	8	728	1	243.3	244.2	174.6	98.0	198.0
WYCKOFF	2583 TRE RIB	TRE.B	108	210.9	20.1	4	711	4	264.7	219.0	170.9	124.0	188.9
RUPP	XR D07-72	VT2P:B	107	210.8	19.2	5	715	3	249.9	237.3	166.9	•	189.0
LOCAL SEED	LC0488 VT2PRIB	VT2P B	104	218.3	17.9	4	720	2	258.0	239.8	153.3	0	190.3
SEED CONSULTANTS	BCS 1087YHR	OX	108	208.4	20.0	5	703		267.3	222 6	148.6	2.	205.3
WYCKOFF	2335 SS RIB	STX.B	104	208.2	19.6	4	705	5	254.5	227.2	159.6	- E	191.7
EBBERTS	6138VT2PRIB	VT2P,B	108	206.9	20.4	4	697	7	243.9	233.4	160.5	- 5	190.1
WYCKOFF	2633 VT2P RIB	VT2P.B	108	205.6	20.3	5	692	8	263.7	212.1	156.5	0	190.2

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SECTION B

Thursday, November 26, 2020

Streator, III., FFA chapter wins national award for semi safety presentation

By TIM ALEXANDER Illinois Correspondent

STREATOR, Ill. — A classmates' stolen truck inspired the Streator, Ill., High School FFA chapter to develop a presentation on semi truck safety and operation. During the 2020 National FFA Convention, the members were rewarded for their efforts with a Premier Chapter: Strengthening Agriculture first-place award and recognition on a national level.

According to chapter advisor Riley Hintzsche, after a Streator FFA alumni's barn was damaged by a person wielding a stolen semi tractor a couple of years ago, members wanted to do something about the damage the stolen truck left in its wake. As a result, the members developed "Becoming Semi Aware," a program that taught members and driver's education students about how they could remain safe while being around, operating or working on the massive vehicles — some of which operate on roads with as much as 80,000 or more pounds of freight in tow.

Though the COVID-19 pandemic put the kibosh on the possibility of a live, in-person 2020 National FFA Convention, project presenters Alex Austin, a sophomore, and Jeniece White, a junior, were able to offer the program to the convention's judging panel in a virtual setting.

"We have a lot of semis that come in and out of Streator and since driver's education students are now learning about semis and we have ag students who are around a lot of heavy machinery in our community, we thought it would be useful," said Austin, who serves as plot manager for Streator FFA.

"A big part of why we started this project is because one of our alumni members had his barn crashed into by a driver who had stolen the semi," added White, who is chapter vice-president. "That's when we realized the importance of being able to educate members and drivers-ed students about semi safety."

Chapter members on the Streator FFA officer team worked for a couple of months to gather data and speak to experts before they could assimilate the sources of information into a presentation form. "The officer team did a lot of research, saw videos and developed a plan to teach students about blind spots," Hintzsche said. "The data that we actually used in the presentation — such as 92 percent of kids have never been around a semi and 98 percent have never been in a semi — was collected by individual students."

The presentation also documented the distance a fully-loaded semi traveling at 65 mph requires to come to a complete stop. The answer: around 350 feet. As part of the students' video presentation, that distance was marked off in the Streator High School parking lot and members were asked



Above: A semi safety presentation won the Streator, III., FFA chapter national recognition during the 2020 National FFA convention.

to walk to the end of the line in order to fully appreciate the physics.

While both Austin and White lament not being able to accept Streator's Premier Chapter FFA award onstage and in-person in Indianapolis, the young ladies accept the realities and necessities associated with the COVID-19 pandemic, including restricting large gatherings and travel.

"I guess maybe all students and FFA members can back me up on this one, just the fact that we do feel like we are being cheated out of (a lot of) experiences and fun activities," said Austin. "But a bright spot is that all the chapters and FFA members

are learning innovative ways to do activities that are Covid-safe while still being able to virtually get together even though there is a pandemic going on."

White said she believes "everything happens for a reason" and looks forward to a chance to "return" to Indianapolis in 2021 and defend Sreator FFA's Premier Chapter award. She added that COVID-19 health rules were adhered to during the production of the chapter's award-winning presentation, including maintaining a personal distance of six feet during the recording of its video segments.

(FFA on page 2B)





No matter what your favorite is; just about everyone loves pie

What is your favorite kind of pie?

My uncle always claimed he only liked two kinds of pie; warm pie and cold pie. My mom and aunt wisely limited the choice of pie to only two choices. Otherwise, my dad and uncle would sample as many as were available. Even with two pies available they routinely sampled both.

So what are the most popular pies at Thanksgiving? Apple Pie, pumpkin pie and pecan pies all hold a spot in the top ten, with sweet potato pie, cranberry pie, coconut cream pie, and even chocolate pecan pie making someone's list of favorites.

This week, Cook Simply features an easy pie crust recipe, and recipes for Pecan Pie, Pumpkin Pie, Open Face Apple Pie and No Crust Apple Pie. As for me, I am not a big pie fan, so that is why I included the No Crust Apple Pie and I like to put my pumpkin pie filling in custard cups and bake and serve as a pumpkin custard. No matter what kind of pie you like, simply cook.

Easy Pie Crust for a 9" Pie

1 ¼ flour

½ teaspoon salt

½ cup shortening

2 tablespoons butter

3 to 4 tablespoons ice water

Mix flour and salt, cut in shortening and butter until pieces are the size of peas. Sprinkle 1 tablespoon of ice cold water over part of the flour mixture and toss with a fork. Push the moistened dough to the side of the bowl and repeat until the flour mixture is moistened. Form the dough into a ball and chill until firm. On a lightly floured sheet of wax paper, roll the dough into a 12 inch circle. Put a 9 inch pie pan over the dough and place your hand under the wax paper. Flip the dough into the pan and work the dough in place. Crinkle the edges of the dough along the top of the pan.

No Crust Apple Pie

Cook together in a saucepan

6 medium apples, peeled, cored and cut in eighths

½ cup white sugar

½ cup water

1 teaspoon cinnamon

Pour the cooked apples into a 9 inch square pan or 9 inch pie pan.

FFA

FROM PAGE 1

Hintzsche described the judges' acknowledgement of Streator FFA as Premium Chapter: Strengthening Agricultural winner as "extremely emotional and very exciting," considering that out of 7,349 national FFA chapters just three are chosen as finalists for the award.

"The entire award area goes back to an application the kids write and submit at the end of the year and it has to go through multiple steps of judging," he said. "It's kind of overwhelming to watch it go through the stages of judging and be told that your chapter is a top finalist; that's very exciting."

National FFA recognizes the top chapters with innovative activities in each of the three divisions: growing leaders, building communities and strengthening agriculture. Chapters that receive three-star ratings during judging are eligible to compete for the premier chapter awards. Ten FFA chapters competed in a virtual presentation for the honor. Streator FFA was recognized as the winner during the fifth general session, held virtually, on Thursday, Oct. 29.

John Deere sponsors the National Chapter Award program.



Topping

3 tablespoons butter

½ cup flour

½ teaspoon salt

½ teaspoon baking powder

¼ cup brown sugar

Cream butter and gradually add brown sugar. Sift together flour, salt and baking powder. Add to creamed butter and sugar mixture and mix thoroughly with a spoon. Sprinkle the topping over the apples.

Preheat oven to 350 degrees. Bake in a moderate oven until the apples are tender and nicely browned, about 45 minutes. It can be served with ice

Open Face Apple Pie

6 to 8 tart apples, peeled, cored and cut into eighths (about 6 cups)

34 cup sugar

3 tablespoons flour

½ teaspoon salt

1/4 cup light cream

Arrange apples in a 9 inch pie pan. Thoroughly combine sugar, flour and salt, stir in cream. Pour mixture over apples and sprinkle with cinnamon. Cover pie loosely with foil and bake at 375 degrees for 1 hour. Remove foil and bake 15 minutes or until apples are tender. Serve warm.

Pecan Pie

3 eggs

1 cup brown sugar

1 tablespoon flour

1/4 teaspoon salt

1 cup light corn syrup

1 tablespoon melted butter

1 teaspoon vanilla

1 cup broken pecan halves

Preheat oven to 375 degrees. Slightly beat the eggs and add the ingredients in the order listed. Pour the mixture into a pastry lined 9 inch pie pan. Bake for 1 hour. (Can also use dark brown sugar or dark corn syrup for more flavor.)

Pumpkin Pie

Source Betty Crocker cookbook , sixth edition

For a 9 inch pie

1 34 mashed cooked pumpkin

½ teaspoon salt 1 ¾ cup evaporated milk 2 large eggs

2/3 cup brown sugar

2 tablespoons white sugar

 $1 \frac{1}{4}$ teaspoon cinnamon

½ teaspoon ginger

½ teaspoon nutmeg ¼ teaspoon cloves

For a 8inch pie

1 1/4 mashed cooked pumpkin

¼ teaspoon salt

1 ¼ cup evaporated milk

2 large eggs

1/2 cup brown sugar

1 1/2 tablespoons white sugar

1 teaspoon cinnamon

¼ teaspoon ginger

½ teaspoon nutmeg

1/4 teaspoon cloves

Preheat oven to 425 degrees. Mix ingredients well and pour into a pastry lined pie pan. Bake at 425 degrees for 15 minutes, turn oven down to 350 degrees and bake for 45 to 50 minutes. Bake until a knife inserted in the filling comes out clean. The center will be slightly soft, but will firm up as it cools. Can serve the pie warm or cooled, with whipped cream if desired. (I have also put the pumpkin filling in custard cups and put the custard cups in a water bath and bake until firm.)



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Milk flowing profusely with 18.5 billion pounds in October

Preliminary data in the USDA's warned that milk will rise seasonally October Milk Production report has through the spring flush and we could output at 18.56 billion pounds, up 2.3 percent from October 2019, with output in the top 24 producing states at 17.7 billion pounds, up 2.5 percent.

Revisions lowered the September 50-state and 24-State totals 5 million pounds, putting the 50-States at 18.0 billion pounds, still up 2.3 percent from September 2019.

October cow numbers totaled 9.39 million head in the 50 states, up an eye catching

14,000 from September and 43,000 above a year ago. The September total was revised up 10,000 head. October's output per cow averaged 1,977 pounds, up 37 pounds from a year ago or 1.9 percent.

Most analysts view the report as bearish to the market though we were warned, according to HighGround Dairy's Lucas Fuess. Speaking in the November 23 'Dairy Radio Now' broadcast, Fuess pointed to the reduced weekly slaughter rates we've been seeing, all indicative of a "sharply higher dairy herd size."

He said the report is "concerning" because October and November are characteristically the lowest milk production months of the year. He

and bearish amount of milk produced in most regions, resulting in milk dumping and growing inventories of product, which will limit upsides on milk prices in 2021. And, it remains to be seen if exports can absorb

see an extremely burdensome

that extra milk.

MIELKE MARKET

WEEKLY

By Lee Mielke

Dairy cow culling crept higher in October, according to the latest Livestock Slaughter report, but was below a year ago, likely due to the high

milk prices. An estimated 258,900 head were sent to slaughter under federal inspection, up 8,500 head or 3.4 percent from September, but 27,200 or 9.5 percent below October 2019. A total of 2.56 million head have been culled in the first 10 months of 2020, down 142,100 head or 5.3 percent from the same period in 2019.

Tuesday's Global Dairy Trade (GDT) auction, Event number 272, reversed gears and saw its weighted average head up 1.8 percent, after falling 2.0 percent on November 3.

Anhydrous milkfat led the gains, up 4.1 percent, after dropping 2.6 percent in the last event. Butter inched 0.4 percent higher, following a 3.9 percent jump.

Skim milk powder was up 2.5 percent, following a 4.4 percent drop, and whole milk power was up 1.8 percent, after falling 2.0 percent last time.

Lactose led the losses, plunging 18.8 percent, after not trading last time, and GDT Cheddar cheese dropped 3.5 percent, after slipping 0.8 percent last

CME block Cheddar dropped to \$1.5975 per pound by Thursday, lowest since August 11, but regained 4.75 cents Friday, first gain since October 31, closing at \$1.6450, down 27.25 cents on the week and 19.75 cents below a year

Midwest cheese producers continue to report COVID-related staffing concerns, reports Dairy Market News, though production is running steadily. Milk availability is growing and cheesemakers are reporting notably lower spot milk prices. There was some interest on the cheese buyer side this week, as customers are returning in light of the price declines, but most reports continue to point to buyer hesitancy. Curd and barrel sales were notably slower, as customers are concerned about more public restrictions due to the pandemic. Cheese customers do not want extra inventory at the end of the year, says

Spot butter saw a Friday finish at

\$1.3450 per pound, down 5.50 cents on the week and 68 cents below a year ago, with 21 cars trading hands on the week.

Central butter producers report mixed tones on cream availability. Some say offers were generally quiet, others are still receiving cream if they choose to take it. Expectations are pointing to more cream becoming available into early 2021. Food service is not expected to be where it has been in previous years. Retail buying increases have helped allay some of the food service loss, but market prices are and have been strained in 2020 compared to previous years.

Cream supplies have been adequate for steady butter production in the West. A surge is anticipated Thanksgiving Week as some operations take time off. Orders remain strong for most print accounts as prices edge lower. Recent lockdowns, due to advancing pandemic concerns, are stimulating retail sales. Manufacturers continue to pull heavily on stored butter to meet the strong yearend orders.

Grade A nonfat dry milk closed at \$1.0850 per pound, down a quartercent on the week and 13.50 cents below a year ago, with 29 sales reported for the week.

The dry whey fell to 42 cents per pound Wednesday but closed Friday at 43.75 cents, up 0.75 cents on the week and 9 cents above a year ago on 2 sales.

U.S. dairy product commercial disappearance looked favorable in September. The USDA's latest data shows total cheese disappearance at 1.14 billion pounds, up 3.0 percent from September 2019, but year to date is down 0.2 percent. American type cheese was up 10.2 percent from a year ago and mirrored year to date numbers.

Dairy farm margins fell slightly over the first half of November as milk futures struggled to hold ground against increasing feed futures, according to the latest Margin Watch (MW) from Chicagobased Commodity & Ingredient Hedging

"The U.S. dollar recently fell to its lowest level in two months," says the MW, which "provides a tailwind to U.S. dairy exports. Data released November 4 indicated U.S. dairy export volume in milk solids equivalent rose 5 percent in September from a year ago, marking the 13th straight month of year-over-year increases," and "The increased exports will help keep prices steady amid demand destruction due to COVID-19." according to the MW.

Meanwhile this week's Livestock, Dairy, and Poultry Outlook says feed price forecasts have been raised significantly. The corn price estimate for the 2019/20 marketing year is \$3.56 per bushel; the 2020/21 forecast is \$4.00 per bushel, 40 cents higher than last month's forecast.

Whole milk sales totaled 1.2 billion pounds, up 4.1 percent from a year ago. Sales for the nine month period totaled 11.7 billion pounds, also up 4.1 percent from 2019, and made up 33.3 percent of total milk sales for September and 33.9 percent thus far for the year.

Skim milk sales, at 225 million pounds, were down 15.2 percent from a year ago and were down 14.4 percent year to date.

Total packaged fluid milk sales, January through September, hit 34.4 billion pounds, up 0.4 percent from 2019. Conventional product sales so far totaled 32.3 billion pounds, down 0.3 percent. Organic products, at 2.2 billion pounds, were up 12 percent and represented 6.3 percent of total fluid milk sales so far for the year.

Dairy Market News reports that Class I demand remains mixed in the COVID-19 era for school districts. Orders are mostly steady from week to week.





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FSA ballots are in the mail

WASHINGTON— The U.S. Department of Agriculture (USDA) has mailed ballots for the Farm Service Agency (FSA) county committee elections to eligible farmers and ranchers across the country. To be counted, ballots must be returned to the local FSA county office or postmarked by Dec. 7.

"FSA has over 7,000 county committee members nationwide who serve their communities by providing input on our programs at the local level," said FSA Administrator Richard Fordyce. "We value their knowledge and judgment as decisions are made about the services we provide, including disaster and safety-net programs."

Each committee has three to 11 elected members who serve threeyear terms of office, and at least one seat is up for election each year. Newly elected committee members will take office Jan. 1, 2021. County committee members help FSA make

important decisions on its commodity support programs, conservation programs, indemnity and disaster programs, and emergency programs and eligibility.

Producers must participate or cooperate in an FSA program to be eligible to vote in the county committee election. A cooperating producer is someone who has provided information about their farming or ranching operation(s) but may not have applied or received FSA program benefits. Also, producers who supervise and conduct the farming operations of an entire farm, but are not of legal voting age, may be eligible to vote.

Producers can find out if their local administrative area is up for election and if they are eligible to vote by contacting their local FSA county office. Eligible voters who did not receive a ballot in the mail can request one from their local FSA county office. Visit fsa.usda.gov/elections for more information.

USDA announces signup for **CRP and CRP Grasslands**

INDIANAPOLIS - The U.S. Department of Agriculture (USDA) announced the 2021 signup periods for general Conservation Reserve Program (CRP) and CRP Grasslands offers. General signup for CRP will be open from Jan. 4 to Feb. 12; signup for CRP Grasslands runs from March 15 to April 23. Both programs are competitive and provide annual rental payments for land devoted to conservation purposes.

"The Conservation Reserve Program and the many focused programs that come under it, like CRP Grasslands, are some of our most critical tools we have to help producers better manage their operations while conserving natural resources," said Steven Brown. "As one of our nation's largest conservation endeavors, CRP has proven to protect our Nation's valuable resources; and next year's signup gives our farmers and ranchers an opportunity to enroll in CRP for the first time or continue their participation for another term.

CRP, Through farmers and ranchers establish long-term, resource-conserving plant species, such as approved grasses or trees, to control soil erosion, improve water quality, and enhance wildlife habitat on cropland. Farmers and ranchers who participate in CRP help provide numerous benefits to the nation's environment and economy. CRP general signup is held annually. The competitive general signup includes increased opportunities for enrollment of wildlife habitat through the State Acres For Wildlife Enhancement (SAFE) initiative.

CRP Grasslands helps landowners and operators protect grassland, including rangeland, and pastureland and certain other lands while maintaining the areas as grazing lands. Protecting grasslands contributes positively to the economy of many regions, provides biodiversity of plant and animal populations and improves environmental quality. A separate CRP Grasslands signup is offered each year following general

For more information on CRP, visit fsa.usda.gov or contact your local FSA county office.

Ceres offering scholarships

In its continuing effort to support youth pursuing careers in agriculture, Ceres Solutions will offer \$25,000 through scholarships to high school seniors and college students this spring. Students receiving the scholarships are selected based on their commitment to agricultural youth programs and their desire to pursue higher education.

"Our employee group and our Board of Directors strongly believe in investing in education, and in particular, it is a privilege to support students from the local farm families we serve," says Jeff Troike, Ceres Solutions Cooperative CEO. "Students who are passionate about agriculture and demonstrate leadership will be the best advocates of our industry in the years to come."

Selection criteria emphasizes involvement in agricultural youth groups such as 4-H and FFA. Students must be children or grandchildren of current cooperative members. They must be entering their freshman year of college in the fall of 2021. Since committing to offering a scholarship program, it is estimated Ceres and its predecessor co-ops have provided more than \$225, 000 in scholarships to local students.

Students interested in applying for these scholarships or learning more about Ceres Solutions should visit the website at www.ceres.coop or contact David Smith at 800-992-3495 extension 279. Completed scholarship forms must be submitted by March 1.

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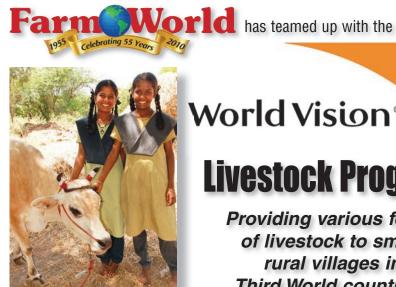
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Election results may signal ag power shift away from Midwest

MINNEAPOLIS (AP) - The reelection defeat of U.S. House Agriculture Committee Chairman Collin Peterson in Minnesota and some key retirements mean a shakeup is coming for the industry on Capitol Hill, with power likely to shift from the Midwest to the South and the coasts.

Both the House and Senate agriculture committees will get new chairs, and there will be a new top Republican on the House panel. Observers say the most likely replacements are expected to prioritize Southern crops such as peanuts, rice and cotton over traditional Midwest concerns of corn, soybeans, sugar beets and dairy. That could mean a new emphasis on nutrition programs that serve the

Peterson, a Democrat who lost his bid for a 16th term, was a major force in shaping several farm bills and a strong advocate for Midwestern agriculture in a House where the ranks of rural Democrats have been shrinking. He was known for working across the aisle, and he had Speaker Nancy Pelosi's ear.

"I don't think you can in any way exaggerate the magnitude of the loss for agriculture," said former U.S. Sen. Heidi Heitkamp, a North Dakota Democrat whose name is in the mix as a potential agriculture secretary under President-elect Joe Biden. It will be hard to replace his institutional knowledge and his ability to win over liberals to deliver farm bills that work for Midwest agriculture, she said.

Peterson lost to Republican Michelle Fischbach, a former lieutenant governor and state senator. Fischbach plans to seek a seat on the Agriculture Committee, but she'll have to draw heavily on her legislative skills to have much of an influence as a freshman in the minority party.

Peterson didn't respond to an interview request about his future plans; his spokeswoman said he was out deer hunting. But his name has been discussed within the farm policy world as a potential appointee to a ranking post in the U.S. Department of Agriculture, maybe even as secretary.

"He was somebody understood the details and minutiae of agricultural policy probably better than anyone in the country," former U.S. Agriculture Secretary Tom Vilsack said. "He was a skilled negotiator, which you need to have to get farm bills through the process."

governor of Iowa, said Peterson's departure will be "particularly difficult" for the sugar, biofuels and dairy industries.

Democratic Sen. Debbie Stabenow of Michigan is the only one of the top four agriculture committee leaders returning in 2021. Republican Sen. John Boozman of Arkansas is expected to become the next chairman of the Senate committee, replacing Sen. Pat Roberts of Kansas if the GOP retains control there. Neither Roberts nor Rep. Michael of who is occupying that chair," Cox Conaway of Texas, the ranking

Republican in the House committee, sought re-election.

Peterson's loss wasn't a total surprise, given that his district has become much more Republican over the past decade. Agricultural interests spent heavily to try to keep him in power.

Kevin Paap, president of the Minnesota Farm Bureau, said the contest remains "the most talked about political race to anybody involved in agriculture." The departures of Peterson, Roberts and Conaway will cost the agriculture committees 85 years of collective farm policy experience, he said.

The two most senior Democrats on the House panel, Reps. David Scott of Georgia and Jim Costa of California, both said last week that they're running for the chairmanship. Rep. Marcia Fudge of Ohio, who has also been discussed as a potential agriculture secretary, has not publicly said whether she was interested in leading the committee. She champions nutrition programs and represents a mostly African American district that includes parts of Cleveland and Akron.

Costa, who represents California farm country, and Scott, who represents part of Atlanta and several suburbs, indicated that they would emphasize the nutrition programs that fall under the committee's purview, including SNAP, formerly known as food stamps; the Women, Infants and Children program; and the National School Lunch Program. They had less to say in their pitches to colleagues about crop subsidy and insurance programs that more directly affect farmers - an indicator of the changing priorities among House Democrats.

Former U.S. Sen. Joe Donnelly, a Democrat from Indiana who served on the Senate committee, said both Scott and Costa have deep agricultural policy backgrounds and would be "strong advocates for farm country." Their current emphasis on nutrition is because they'll need votes from urban lawmakers to get elected chairman, he said.

Less of a shift is expected on the Senate side, regardless of whether the GOP retains control there. Heitkamp, who also served on the committee, said she expects Boozman and Stabenow to work well together. Although Boozman represents Southern crops, Heitkamp said he also understands northern farm needs.

While the leadership implications are important, crucial issues won't change, said Craig Cox, senior vice Vilsack, a Democratic former president for agriculture and natural resources at the Environmental Working Group. Topping the list, he said, is "the urgent need to really take a hard look at crop subsidies and crop insurance," and what those programs cost taxpayers. Other priorities should include addressing unjust treatment for Black farmers, the contamination of ground and surface water from fertilizer and manure, and agriculture's role in the climate crisis.

"The issues are issues regardless

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Wear disguise if necessary to avoid embarrassment at hardware store

I love nuts, bolts and hardware so much that we came real close 40 years ago to opening a hardware store in our small town. Instead we opened a stationery store and someone else opened the hardware store. We made a little money but the hardware store owner struck a gold mine and is now living on his 200 foot yacht off the coast of Greece. It's THE PITTS

I love hardware stores and by that I don't mean Home Depot, Lowe's, Menards or Tractor Supply, all great stores, one and all. But we live 30 minutes away from the nearest Home Depot, which means it's a one hour trip to buy one carriage bolt or a bar of Lava Soap. (Can you believe our local grocery store doesn't sell Lava? They must figure no one works hard enough to get their hands dirty any

more. And they may be right!)

When I say hardware store I'm talking about the ones that serve small rural communities. In many respects ours is very much like the general store of yesteryear where you can buy pet food, rhododendrons, Carhartt hoodies, soda pop, 5 hour energy drinks, candy bars and deck screws all in one place. Ours even has an all new frozen food section for recently divorced men who want to buy their dinner in the same store they buy their chainsaws.

Our local hardware store is bulging at the seams so every morning they move out plants, barbecue pits, patio furniture and even dinosaurs for the garden, so the sidewalk out front looks like a Tijuana swap meet! Our local hardware store doesn't sell beer and wine yet but they do give away free popcorn on the weekend which draws customers like donuts do cops. There's just something about the smell of popcorn drenched in butter that makes you want to buy a \$300 leaf blower.

Over the years I've collected my own hardware store of sorts with a giant collection of nuts, bolts, hinges, washers, refrigerator lightbulbs, bearings, padlocks, bug spray, metric sockets, O rings, and WD 40. (You can never have enough WD 40!) I'm so well stocked that on rare occasions when the hardware store doesn't have something they send the customer to my

Normally, I'd rather have a root canal than go shopping so while my wife buys our necessities in the grocery and drugstores I'm getting in a little retail therapy getting blisters on my MasterCard in the hardware store doing the same thing, buying necessities like air freshener for the car and sacks of bulk nails. Even though, with the advent of nail guns, no one has hammered in a nail since 1982.

The best part of having a local hardware store is that when the rubber flap thingy in the back of the toilet breaks you can't wait for Amazon to deliver a replacement part, or make multiple trips to Home Depot and waste an hour in trip time and another waiting for a salesperson to help you. I wouldn't live near a town that didn't have its own hardware store and here's why.

Recently the faucet in my bathroom sprung a gusher and I thought it would be an easy fix, even though it was 35 years old. I thought all I needed was the rubber washer on the

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bottom. When I took it back the first time the sales "associate", (that's what it said on her badge) said I'd merely bought the wrong washer. In my second trip back the associate suggested I buy the entire stem, which, much to my chagrin, was also the wrong size. Ditto the third and fourth trips. On the fifth trip I wore a disguise By Lee Pitts and waited until the as-

sociate who'd helped me earlier was on her break. The new associate suggested a different fix but I never did get the right part. I decided to go to a store on my next trip into a bigger town to avoid further embarrassment.

A few days later when I took the wrong part back to our local hardware store for a refund thankfully the clerk didn't recognize me. I apologized and said, "I must hold the record for having to come back to the hardware store the most times on the same day."

She just laughed and said, "No, I just heard on my break about one idiot who had to come back five times!"

Can you imagine that? I'm afraid I

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Hunter injured during ATV rollover when deer anters impale him

Sometimes when it goes wrong, it goes horribly wrong. Such was the case when a hunter was almost killed by the buck deer he had just harvested.

Indiana Conservation Officers are still investigating an off-road vehicle accident resulting in the operator being airlifted with serious injuries.

On Nov. 16 around 2 p.m. | Spaulding Outdoors responders were dispatched to By Jack Spaulding the 11000 block of South Fork Road in Dillsboro, regarding a hunter who was involved in an ATV rollover accident.

Sixty-three year old, Earl Hagy of Dillsboro was airlifted from the scene and flown to the University Of Cincinnati Hospital in stable condition.

Hagy was retrieving a harvested antlered deer from the bottom of a steep incline where he had been hunting. After securing the deer to the rear of an off-road vehicle, Hagy attempted to navigate back up the steep incline; but the ORV rolled over backwards, throwing him from the vehicle.

As a result of the accident, Hagy was impaled in the right side of his torso by the antlers of the deer.

Responding include agencies Indiana Conservation Officers, Ohio County Sheriff's Department, Rising Sun Police Department, Bear Branch Fire Department, and Rising Sun EMS.

NRC Accepts Preliminary Adoption Of Hunting Changes

The Natural Resources Commission on Nov. 17 during its bi-monthly meeting accepted preliminary adoption of amendments to 312 IAC 9 related to hunting deer and wild turkeys.

Granting preliminary adoption starts a long and deliberative process, including a public comment period with the ability to participate in public hearings conducted by the NRC's Division of Hearings.

amendments granted preliminary adoption include allowing hunters the option of using a 28-, 16-, or 10-gauge shotgun and .410 shotguns to hunt wild turkeys, in addition to having the option of using other equipment already legal in the spring and fall turkey season, as well as adding the #9 tungsten super shot. Additionally, it removes the restriction requiring the powder used in muzzleloaders for deer hunting to be loaded only from the muzzle end of the muzzleloader.

State Park Inns Restaurants Return To Carry-Out

Indiana Department of Natural Resources properties have been a safe place for Hoosiers to get fresh air, stretch their legs, and seek solace throughout 2020. However, they have had to temporarily suspend some services for the safety of guests and staff.

Out of an abundance of caution, they are modifying all dining for the seven restaurants at State Park Inns to carry-out only through Dec. 15.

Thanksgiving meals will be carry-out only for inn guests. Reservation holders will be notified. The Indiana DNR apologizes for the inconvenience. If any additional alterations are needed they will be posted to the DNR COVID-19 Response page on IN.gov/DNRcovid19.

Hoosiers have gathered at state park tables for Thanksgiving dinner for more than 60 years, and the State of Indiana looks forward to restarting the annual tradition in 2021.

2021 State Park Passes & Permits Now Available

The 2021 Indiana state park passes, lake permits, off-road cycling permits, and horse tags are now available at property offices and front gates, and online at ShopINstateparks.

> A resident annual entrance pass costs \$50. A non-resident annual entrance pass for visitors who live outside the state costs \$70. Annual entrance passes are not valid for entrance to the Indiana State Museum, State Historic Sites, or the Falls of the Ohio Interpretive

Center.

Golden Hoosier Passports cost \$25 and are available to all Hoosier residents 65 and older. There's also a Golden Hoosier Passport for disabled Hoosier veterans (DHV) who qualify to purchase a DHV license plate. To quality, the veteran must be 50 percent service-connected disabled as determined by the United States Department of Veterans Affairs. Anyone who has been issued a Prisoner of War license plate may receive a passport for free. SSDI Golden Hoosier Passports may be used by an Indiana resident receiving or eligible to receive Social Security Disability Income under 42 U.S. Code 423 as described by the Social Security Administration.

Lake permits are available for motorized watercraft for \$25 and nonmotorized watercraft for \$5. The permits are required for all private watercraft using state park, reservoir, and state forest lakes, and all watercraft moored at marinas, private docks, or bank ties on the lakes. The 2020 lake permits also remain available for the rest of this year.

Off-road cycling permits are available for \$20 and are required for each bicycle user for off-road bicycle access and use of DNR properties where offroad cycling is allowed. The permits are not an entrance permit and do not cover special user charges for services and facilities within the property. The permits are required only for trails identified as Intermediate, Advanced, and Expert. They are not required for trails identified as Beginner.

Horse tags cost \$20 and are required for each horse brought to designated DNR properties where horse use is allowed. A horse tag is not an entrance permit and does not cover special user charges for services and facilities within the property. This year's 2020 horse tags and lake permits remain available to purchase for use for the rest of 2020.

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

"The Best of Spaulding Outdoors," a compilation of 74 of Spaulding's best articles written over the past 30 years is available from Amazon.com.



Penumbral lunar eclipse will be visible early on Nov. 29-30

The stars are down close to the trees, The air crisp, no wind, no cricket or bird. — August Derleth

The Fourth Week of Late Fall Astronomical Data and Lore

The Manger Moon reaches apogee (its gentle position farthest from Earth) on November 26 at 7:30 p.m. It waxes through the remainder of the month, becom-Poor Will's Almanack ing full at 4:30 a.m. on November 30. Rising in the evening and setting in the morning, this moon passes overhead in the middle of the night, encouraging creatures to feed at that time, especially as the cold front of No-

vember 28 approaches. The night of November 29-30, a penumbral lunar eclipse will be visible throughout North America. Get up early to see it begnin around 2:30 in the morning of the 30th. The best part of the eclipse will occur just before 5 a.m., and it will end around 6:30 a.m..

Weather Trends

The last high-pressure system of November generally arrives around the 28th, preceded by rain or snow three years out of four. This is one of the most dangerous weather systems of the month, and precipitation lingers through the cold for the 29th and 30th. Clouds dominate the sky, and travel conditions are typically uncer-

The full moon on November 30 will bring stronger-than-average storms to the United States, complicating harvest and travel. Most states will experience frost by full moon, or they will have experienced it already by then. Tender garden vegetables that survive the month will be taken by the mid-December front.

Notes on the Progress of the Year

The sun enters Sagittarius on the 22nd, having traveled three-fourths of its way from autumn equinox to winter solstice. Two hours before midnight, the sky carries the forms of Deep Winter: the Pleiades, Taurus and Orion are rising, the Milky Way cuts across the sky from east to west, Andromeda lies directly overhead, and the Summer Triangle is setting over the Pacific Ocean.

The final rites of fall include a chronology of the last leaves and fruits. Major losses occur on beeches and pears as autumn ends. Sometimes oaks are the holdouts, sometimes forsythia or a hardy honeysuckle. Sometimes sweet gums and poplars keep a few leaves this late in the year; sometimes protected oak-leaf hydrangeas, Osage, mock orange or lilacs outlast all the other trees and shrubs. Bittersweet berries continues to fall to the sidewalk. Yellow witch hazel flowers are shriveling. Privets are bare, their blue berries revealed. Euonymus fruits are losing their white outer shells, orange cores unveiled by the cold.

New England aster and stonecrop foliage turned vellow in Middle Fall; now the plants are shedding. Late garden lettuce and the autumn growth of rhubarb have withered. Hosta leaves have collapsed into the remnants of maples, ginkgoes and white mulberries. The gooseneck turns chocolate brown. Most all the seeds are gone from milkweed pods; just a few wisps of down cling to their shells. Fragile pokeweed stems have exploded in the frost. The last roses have been frozen by nights in the teens.

In the Field and Garden

All the major harvest is typically complete; fall seeding should be done; the garden is pretty well picked clean,

and the cover crops have sprouted.

Compare early-season estimates of your farm and garden crops with the actual results. Make plans to compensate for similar challenges next year.

> Try to include in your Thanksgiving dinner at least one thing that you have grown. Plan for two things next Thanks-

giving.

By Bill Felker

Review photographs of the garden or your summer notes for ideas about what seeds and plants to purchase and where to put them all.

Check seeds you have saved to see they are dry and not developing mold.

Put the vehicles and implements in shape; polish the tools; paint when the sun shines; repair the fences when the wind is quiet. Mulch or dig root crops in anticipation of a hard freeze.

The more I watch myself in nature, the more I see that my emotional life is tied to appearances more than to ideas or events in society. The time of year in my feelings is the reflection of my perceptions. The changes in the landscape produce changes in my mind. The Earth's fluctuating relationship to the Sun may technically cause the approach of winter, but it is the bare trees and the frost that make the season in my head.

Very literally, snowdrops and snow trilliums bring February to my brain. Robinsong before sunrise brings March. Fragrant peonies and lilacs make April and May. Green trees bring June. Lilies evoke July. Black-eyed Susans shape the middle of August. Goldenrod creates September, scarlet maples October. November is the sudden collapse of ginkgo leaves. Frost and snow and the call of the sandhill cranes mean winter.

The simplicity of this psychological phenomenon leads me to a basic realism. Through the experience of the seasons, I recognize the limitations of my reason and convictions, as well as the fragility of my awareness and my will. I also realize that, without trying, I actually can and do remain in the moment much of the time, tied to and reflecting what is right in front of me.

I realize, too, the dangers and challenges involved in leaving that foundation for the untethered society beyond. Like God or love or a consuming passion, the material world is the simple truth that feeds as well as protects the

Almanack Literature Help From Afar By Alice Killinger, Orrville, OH

Ma missed Ralph something fierce. He never had taken to farming, alwasys had his nose in a book and his head in the clouds. At 17, he left, walked into town, caught the train, was off to seek his fortune.

Every so often, he'd show up for a couple days. Didn't help with the chores or corn picking. Didn't see why the womenfolk were so old-fashioned, still doing all that canning and cooking.

One time he brought a souvenir from his travels, a conch shell with the tip cut off, which he blew like a horn. Soon some of the others got the hang of it, even Ma. Then he was off again.

They kept the conch shell there on the mantel. Ma saw it when she cooked, and felt dreadful lonesome. Well, lonesome and sad, if you know wwhat I mean.

Then something scary happened.

The men were doing field work back by the woods while Ma was fixing dinner. All of a sudden, she smelled smoke.

Oh no, a house fire! What could she Spotting the conch shell, she grabbed it, ran outside and blew long, loud blasts. Would the men hear? They did. They came. They saved the family home.

Ralph heard all about it on his net visit. As he was leaving, Ma caught a quick glimpse out of the corner of her eye: Pa's hand on Ralph's shoulder.

Poor Will is STILL low on stories! Send yours to him at P.O. Box 431, Yellow Springs, Ohio 45387 or to poorwill@ poorwillsalmanack.com. You'll receive \$5.00 payment if your story appears in this column. (continued on page 13)

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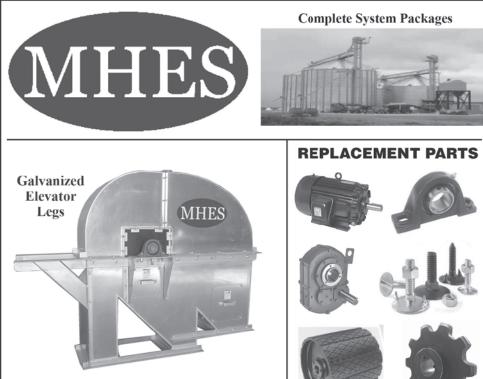
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Cargill study finds consumers are rallying around farmers

Iowa Correspondent

WAYZATA, Minn. - A study recently released by Cargill, Inc., found a majority of consumers stand ready to rally around farmers in support of their efforts to put food on tables worldwide in the midst of COVID-19.

According to the company's latest Feed4Thought survey, consumer recognition for the challenges and expectations farmers face grew amid the COVID-19 pandemic, as processing and transportation bottlenecks - especially in the protein industry - stretched the global food supply.

"Farmers and ranchers have faced tremendous pressures caused by COVID-19 supply chain disruptions," said David Webster, president of Cargill Animal Nutrition & Health. "And those pressures came on top of the multitude of challenges farmers already faced as they worked to feed the world in a safe, responsible and sustainable way. When consumers experienced bare shelves at grocery stores, they were reminded of the critical role livestock and aquaculture farmers play in global food security."

Daniel Sullivan, Cargill director of media relations, said Feed4Thought is a regular consumer survey from Cargill's animal nutrition and health business that explores perspectives on leading topics in the animal protein supply chain.

"As we began our thought leadership work, one of the first things we did was reach out to farmers and ask them what they needed from Cargill and the industry," he said. "What they told us was information and insights to help them do what they do better, more efficiently, and more sustainably. But they also said they wanted an advocate, and help bridging consumer demands and expectations.'

Sullivan said Feed4Thought originally started in December 2016 with the first survey, "and we've conducted various surveys on a quarterly basis since then. For this particular study, we wanted to focus on consumer recognition for the challenges and expectations farmers face amid the COVID-19 pandemic, as it's an incredibly timely topic in our world right now.

"We use the insights from our Feed4Thought surveys to help tell the story of the important work farmers do to respond to the demands of consumers. We also use the findings to help shape our solutions and offerings as a business."

In this latest Feed4Thought survey. Cargill found nearly one-third of consumers in the United States, Brazil, Vietnam and Norway have a renewed appreciation for animal agriculture, Sullivan said.

"A demographically representative sample of 2,500 adults in the U.S., Vietnam, Brazil and Norway were polled for this particular survey because they are the four countries where we will be launching our Feeding Intelligence thought leadership platform in-language," he said. "Having insights from the consumers in these four countries will help us better understand our audience, and shape the content we offer on the website."

In the study, Cargill found 71 percent of consumers expressed concern about the pandemic's disruption of the food system, with two in three consumers acknowledging an increased pressure on animal farmers to supply safe, affordable protein since COVID-19's

Conducted by Engine Insights, headquartered in New York City, the study said, "These new challenges have not, however, deterred consumers' faith in farmers: an overwhelming majority of consumers (84 percent) indicated they were generally confident in farmers to meet demand, and feed growing populations.

"More than half of consumers indicate

they feel positively toward/appreciative of farmers, with one-third saying that their perceptions have improved as compared to pre-pandemic. This high confidence and increased appreciation toward farmers suggest that COVID-19 may be acting as a catalyst in strengthening the relationship between consumers and farmers."

Webster said with this also comes consumers' growing recognition of farmers' roles and responsibilities. Beyond the critical role of feeding the world, he said consumers also see farmers as stewards of the earth's natural resources (47 percent), animal care experts (42 percent), technologically savvy (21 percent) and professional businesspeople (20 percent).

"On a day-to-day basis, farmers play multiple roles," he said. "They work to keep their animals healthy and free of disease, protect the earth's resources and manage their operations sustainably, provide employment and run a profitable business.'

According to the study, respondents said they believe technology can help farmers address the challenges they face. Of those surveyed, 29 percent would like to see farmers prioritize technology that improves animal health and wellbeing, while 28 percent said

they would like to see technology that and nutrition decisions. improves overall food safety.

addition, technology In innovation continue to help farmers overcome challenges:

- Real-time scans in poultry houses use Artificial Intelligence (AI) and machine learning, giving farmers insights to maximize animal comfort, health and improved efficiency.

- Companies like Cainthus are investing in computer vision technology. When farmers have access to real-time data, they can make more informed decisions that can improve nutrition, enhance animal well-being and comfort. and ultimately increase milk component yields. These technologies can also improve the environmental impact of farming, making it more sustainable.

- Swine technology leader, Agriness, combines data management and deep expertise in animal nutrition and production to improve predictions, such as productivity and improved farm management practices.

- The new, portable EWOS SalmoNIR technology from Cargill uses nearinfrared spectroscopy to provide salmon farmers with real-time data on fat content, pigment, omega-3 and other important parameters, helping them make better, quicker farm management

"These technologies are already making an impact on farm sustainability, business profitability and animal health, and we're innovating fast, anticipating the needs in all of our markets to ensure farmer prosperity," Webster said.

The study also found that technology desired by consumers varies across markets. In Vietnam, consumers reported the strongest technology requirement, with 36 percent of the respondents expecting farmers to be tech-savvy.

The United States, too, may be showing increased connection between farmers and technology - especially among younger generations who were more likely to desire technology that improves animal health and well-being, the study said.

Moreover, nearly a quarter of younger Americans (Gen Z, ages 18-23) look to source their food from farms using the latest technology, which is significantly higher than their elders - especially baby boomers, the study indicated.

In Brazil, farms that use the latest technology to improve efficiency, sustainability, and/or animal welfare are the most preferred source for food (25 percent), the study said.



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Don't be defined by past

Truth in the Trenches

Bv Melissa Hart

It was kindergarten round-up time. I had talked to friends, gathered information, listened to radio broadcasts and prayed fervently about the big decision ahead. Should my first born five-year-old son go to pre-k or regular kindergarten? He was a young five. He was the first one out of the pack. He did not attend preschool. Was he ready? Would he fail? Was I ready? Would I fail my

son if I stuck him in kindergarten if to pray about it. Trying to decide he wasn't ready? I was a mess.

We went to kindergarten roundup and they administered his vaccines for school. He complained that his leg hurt where they gave him the shot, but I assured him he would get over it. The next step was to test his large motor skills. When the teacher was through, he said with a concerned look on his face, "Mrs. Hart, I'm not sure your son is ready for kindergarten, he had some difficulty with the large motor activities I asked him to perform. Has he had any trouble in the past?"

He was my first child entering school and I walked away with four children in tow, feeling like a complete failure. What had I done to my child? What had I not done for my child that he failed a large motor skills test? What was I going to do with this 5-year-old who couldn't skip? What kind of a mother doesn't teach her child how to skip?

I came home and told my husband about my utter failure as a mom and that our son was going to struggle his entire life. My wise husband reminded me that the boy had been given a shot in the leg and maybe it was just too sore to do all the activities. He also reassured me that he would be fine in pre-k. Of course, he was right and today I can proudly say that the Air Force veteran has mastered skipping.

> For months, I allowed that incident to define my mothering abilities. I fretted over it, I prayed about it, I asked others

if my child was ready for pre-k or kindergarten was one of the biggest decisions in my life....at the time. But does that season in my life define me? Does the fact that my child couldn't skip that day define my mothering success or failure? Does an entire decade of changing diapers and washing sippy cups define me? That time in my life consumed 10 years and yet that long season does not define my life.

What is consuming you during this season? What difficult decision are you trying to make? What failure are you trying to hide? What list of poor choices are playing and re-playing in your mind trying to convince you that your life is one failure after another?

Whatever difficult season you are dealing with, it does NOT define you. It's probably nothing more than a story that will be told. You may even look back and laugh like I do when I think of my 5-year-old quandary.

Always remember, no matter what the failure or disappointment is, it will not define you and you hold the power to make the change and move forward.

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Annual Fall Equipment Auction at the Hudsonville Fairgrounds. Construction Equipment, Farm Equipment, Landscape Equipment, Semi Trucks & Trailer, plus much more! Live & online bidding available

Gilbert Farms Equipment Auction Saturday, December 12 Dorr, MI

Dwight Gilbert has decided to retire and hired Miedema Auctioneering to conduct a live onsite auction with online bidding. Not many small items, please be on time. Featuring: JD 6175R Tractor, JD 5090+M Loader Tractor, JD 9760STS Combine, Hay & Tillage Equipment, Grain Carts, Skid Steer, plus much more. Online bidding available on Proxibid.com & EquipmentFacts.com.

Ri-Val-Re Genetics, LLC **Farm Equipment Online Auction Tuesday, December 15** Williamston, MI

After many years of farming, Ri-Val-Re Genetics, LLC in Willamston, MI has elected to liquidate all farming related assets to the highest bidder via online auction on Orbibtid.com. The equipment will be moved and displayed at 4045 Bell Oak Rd, Williamston, MI and will be sold through online bidding. Featuring: JD 4555, 7200, 4850, 6150M, 2014 JD 7580 Forage Harvester, 2014 JD 645C Haylage Head, JD Round Baler, Dairy Equipment, Skid Steers, Manure Spreaders, plus much more! Online bidding on Orbitbid.com.

Larry Chamberlain & Hoffine Farms Equipment Auction Wednesday, December 16 Three Rivers, MI

Larry Chamberlain & Phil Hoffine have chosen a combined farm equipment auction to sell their equipment. Larry Chamberlain has decided to retire after many years of successful farming and Phil Hoffine is adding his excess equipment to the auction. Don't miss this opportunity to buy low hour, well maintained equipment right off the farm! Items to include: JD 8400, JD 7800, JD 4455, Hagie DTS10 Sprayer, Kinze Planter, Grain Carts, JD Soil Finisher, plus much more! Online bidding available on Proxibid.com

For updated information and to bid visit MiedemaAuctioneering.com or call/text Chuck Ranney at 616-253-6757



Poor Will

FROM PAGE 8

The 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.

HEOCERTN COHERENT **AETNRP**

PARENT

VNETREP

PREVENT MOMCTEN

COMMENT

MUCRICTENV

CIRCUMVENT **TENAG**

AGENT NETVPNCO

CONVENT

ALEMTN LAMENT

RIFMATENM

FIRMAMENT EEONTMVM

MOVEMENT

This Week's Rhyming Sckrambler **GIVANTEA**

TIAAETG

GGGRTEEA

RRGTIIAE

EAITR

ETARBELEC

EAOETRCD

ATEPETUPER

RAPCITEAT

REPTEPTARE

Poor Will's Almanack for 2021 is now available. This year's Almanack contains detailed descriptions of all 48 seasons of the year and 30 Almanack Literature stories. Order from Amazon or purchase an autographed copy by sending a check for \$20.00 to Poor Will, P.O. Box 431, Yellow Springs, Ohio 45387.

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Out of sight, Out of mind Don't let this happen to you! **Advertise with** Farm World



The Best from Our Working & Winning Cow Herd!

Land Auction

at Monroeville Community Park • Online Bidding Available TRACT 1: 75± acres - Located just west of Hwy 101 acres

offered in 2 tracts

- Good Tillable Acres
- Wooded Acres
- Productive Soils
- Good Road Frontage

INSPECTION DATE: Mon, November 30 from 4:00-5:30pm

SELLER: Loretta McNeal Estate



Mon, December 14 · 6pm

Monroe Township • Sections 19 & 30

with approx. 450' frontage on the Hoagland Road.

Approx. 9 acres of woods on this parcel and some

TRACT 2: 40± acres - Located at the intersection of

Whittern and Hoagland Roads. This tract has approx

northwest portion of this farm with some flood plain

1350' of frontage on both Hoagland and Whittern

Roads. The Brown Drain cuts diagonally across the

areas along the Brown Drain. The soils are mostly

Blount Silt Loam and Pewamo Silty Clay

grasslands surrounding the woods. The soils are

mostly Blount Silt Loam and Pewamo Silty Clay.

AUCTION MGR: MIKE ROY • 260.437.5428 800-451-2709 · SchraderAuction.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.

NOV 27 EDGEWOOD, ILLINOIS: P & J Farms -Schmid Auction & Realty Co.. ONLINE ONLY, farm

NOV 27 MILAN, MICHIGAN: Consignment ette & Neuhart. Farm equipment, other. ONLINE ONLY., 10 am

NOV 27 MARION, OHIO: M.F. Johnson Construction
— Ben Higgins Auctions. Fabrication & Millright industrial equipment.. 9 am

NOV 27 MARION, OHIO: Consignment — Rick Fogle Auctioneer. Equipment and vehicles.. 11 am

NOV 27 OAK HARBOR, OHIO: E.J. Croll — Schrader Real Estate & Auction Co., Inc.. Farm equipment..

NOV 27 PLAIN CITY, OHIO: Andy Mayer Estate -Johnny Regula Auctioneer. Farm equipment and machinery, other.. 10:30 am SEE AD ON PAGE 18B

NOV 27 ZANESVILLE, OHIO: Replacement Female Sale — Ohio Cattlemens Assoc., Nearly 100 consignments.. 6 pm

NOV 28 NORRIS CITY, ILLINOIS: Jason Barton -Jamie Scherrer Auction Co.. Farm equipment, tools, other.. 9:30 am

NOV 28 CORY, INDIANA: Vern & Von Bettenbrock — Jeff Boston Auction Service. Farm equipment, other.. 10 am EST SEE AD ON PAGE 14B

NOV 28 MIDDLETOWN, INDIANA: Trennepohl Farms
— PrimeTime AgriMarketing. Cattle sale.. 1 pm SEE AD ON PAGE 13B

NOV 28 MONTPERLIER, INDIANA: Rose Harris & the Former James Harris — Schrader Real Estate & Auction Co., Inc.. Farm equipment.. 10 am

NOV 28 WINGATE, INDIANA: Annual Tradition Sale Able Acres. Cattle sale.. 6:30 pm EST

NOV 28 MILAN, MICHIGAN: Consignment — Juckette & Neuhart. Farm equipment, other. ONLINE ONLY.. 8:30 am

NOV 28 EDGERTON, OHIO: Vollmer Retirement — United Edge Real Estate. Farm equipment.. 9 am

NOV 28 ELIDA, OHIO: Peters — Bussey Brothers. Farm equipment liquidation and consignment.. 9 am SEE AD ON PAGE 19B

NOV 28 GREENVILLE, OHIO: Jason Hofacker, Triple Aaron Brown Auctions. Farm equipment.. 9 am

NOV 28 LEWISBURG, OHIO: Betty Jo Boggs Trust -Walnut Harvest Auctions. Real estate and personal property.. 10 am

NOV 28 RADNOR, OHIO: Synda Bernicke & Julie Leffler — Wigton Real Estate & Auction. Farm equipment, other.. 10 am

NOV 28 COTTONTOWN, TENNESSEE: Jernigan Es-

tate — James R. Cash Auctioneer. Farm equipment, trucks, trailers.. 10 am

NOV 29 MILAN, MICHIGAN: Consignment — Juckette & Neuhart. Farm equipment, other.. 11 am

NOV 29 NEW PARIS, OHIO: Hara Farms, LLC — PrimeTime AgriMarketing. Cattle sale.. 2 pm EST **SEE AD ON PAGE 19B**

DEC 1 DRESDEN, OHIO: Anderson Bros. Farms -Schrader Real Estate & Auction Co., Inc.. Farm equipment, other.. 10:30

DEC 2 SIDNEY, OHIO: Mr. & Mrs. Art Fogt, Jr. -Buckeye Online Auctions. Online only equipment auction.. 2 pm

DEC 3 BREMEN. INDIANA: Steele - Hahn Auctioneers. Farmer retirement auction.. 10 am SEE AD **ON PAGE 15B**

DEC 3 ABERNATHY, TEXAS: Jimmy Lee Davis Estate — Polk Auction Co.. Online only, collector tractors, parts, other.. no time given

DEC 4 MONROVIA, INDIANA: Large Public Auction — Ted Everett Auction. Farm equipment and machinery.. 9 am SEE AD ON PAGE 21B

DEC 4 WHITE PIGEON, MICHIGAN: King — Hahn Auctioneers. Farmer retirement auction.. 10 am EST SEE AD ON PAGE 19B

Wilson National Real Estate. Farm equipment, trucks, trailers, misc.. 11 am SEE AD ON PAGE 17B DEC 5 WOLCOTTVILLE, INDIANA: Real Estate Auc-

DEC 4 WEST JEFFERSON, OHIO: R & G Farms -

tion — Strawser Auctions. 305 +/- acres in La-Grange Co., IN. 9:30 am DEC 5 HUDSONVILLE, MICHIGAN: MAI General Auction Calendar — Miedema Auctioneering. Fall

equipment.. no time given SEE AD ON PAGE 17B DEC 5 HUDSONVILLE, MICHIGAN: MAI 24 Auction

Miedema Auctioneering. Fall equipment.. 10 am DEC 5 FREDERICKTOWN, OHIO: Jim & Iris Dudgeon

- Miley Realty & Auction. Farm equipment.. 10:30

DEC 7 WINGATE, INDIANA: Gross Farm — Ted Everett Auctions. Farm equipment, machinery, other.. 10 am SEE AD ON PAGE 14B

DEC 8 KINSMAN, OHIO: Wilson Family — Schrader Real Estate & Auction Co., Inc.. Farm equipment.. 10:30 am SEE AD ON PAGE 19B

DEC 9 HAMILTON, OHIO: Leon Keen Excavating LLC Buckeye Online. ONLINE ONLY equipment auction.. no time give SEE AD ON PAGE 16B

DEC 10 PAWNEE, ILLINOIS: Dennis — Cory Craig Auctioneer. JD farm equipment.. 10 am SEE AD ON PAGE 17B

DEC 10 PENDLETON, INDIANA: Annual Snowball Auction — Don Smock Auctions. Farm equipment, other.. 9 am SEE AD ON PAGE 20B

DEC 10 TWINING, MICHIGAN: Jurek Farms — Sykora Auction Servidce. Farm equipment.. 10 am SEE AD ON PAGE 15B

DEC 11 THORNTOWN, INDIANA: Consignment Auc - Collins Equipment. Farm machinery.. 8:30 am SEE AD ON PAGE 23B

DEC 12 TIPTON, INDIANA: Consignment — Cripe's Auction Service. Farm equipment.. no time given SEE AD ON PAGE 20B

(continued on page 17B)

ATAMMAN STEIN E TRACTOR & CUEST Equipment Consignment Auction

December 12 @ 10:00 a.m. 707 S. Baron Street, Eaton, OH 45320

Auctioneer's Note: Steinke Tractor Sales has decided to offer an Equipment Consignment Sale held at their facility in Eaton, OH in conjunction with liquidating some of their inventory before the New Year. We are currently accepting good quality consignments: Contact us today to consign your items! This is a live auction event with webcasting, so if you cannot attend in person, be sure to attend and bid via webcasting stream! Visit www.harmeyerauction.net for complete details, inventory and photos.

Tractors: Oliver 66 gas NF, AC D-12 w/3 pt, JD D tractor, AC 8550 4x4 tractor (from Loretta Lynn farm), Ford 8730 tractor sn#A981701 4137 hrs, AC 6060 w/loader sn#4015 6300 hrs, AC D-17 gas ser IV 3 point, New Holland TS6.140 tractor FWA/cab; Implements: AC 5 bottom plow, White 5100 planter 6 row w/splitter, Oliver 10' disc, Eagle line 3 pt carry all, Land Pride RTA-1274 tiller, 3 point 3 bottom plow, 3 pt grader blade; Hay Equipment: NH 310 square baler twine sn#189084, NH roll belt 560 round baler sn#YEN182702, NH 575 square baler twine w/ hyd tension sn#966039, Case IH SB 541, twine w/ hyd tension, pickup & swing sn#YAN104321, NH H7330 discbine sn#Y9N084030, New Idea Cutditioner 272 sn#12277, Farmhand 5 wheel rake, NH 489 haybine, Frontier TD2427 tedder, Claas WS

310-S rotary rake 3 pt, McFarlane RD-4025-RB6 reel disk; Grain Carts: Ficklin 9500 grain cart w/ scales, Parker 1500 weigh buggy sn#90157, Kill-bros 690 grain cart w/tarp & scales sn#D20420117; Manure Spreaders: H&S 222 manure spreader, Badger Hydro-scopic sn#970708; Rotary Mowers & Lawn Mowers: Woods RD7200 finish mower, Bush Hog FTH 720 finish mower, Bush Hog Squealer 72 rotary mower, Woods 72 Brushbull, Grasshopper mower; Backhoes, Buckets, & Attachments: Koyker loader from AC 190 tractor, Case 680 backhoe, King Kutter root rake 3 pt, backhoe & skid loader buckets, Accumagrapple by Maxilater grapple sn#941324; Misc. Equipment & Parts: Shaver HD-12 post driver, Peerless 530 roller mill sn#290034, AC WD tractor parts.

Auction day announcements take precedence over printed material.

Auctioneers:

Rusty Harmeyer: AU10000277, Phone: 765-561-1671

Gene Steiner: AU2004000096,

Phone: 513-616-4086

Harmeyer AUCTION & APPRAISAL CO. SPEINER AUCTIONS

Steinke Tractor Sales:

707 S Barron St Eaton OH 937-456-4271 www.steinketractor.com

KEVIN GROSS FARM ESTATE AUCTION

LAURA GROSS - PHONE (765) 366-3779

MONDAY, DECEMBER 7TH, 2020 AT 10 AM 9524 W 1125 N, WINGATE, IN 47994

FROM 1-74, TAKE EXIT 25, TURN RIGHT ONTO N. STATE RD 25, STAY ON IN-25 FOR 7 MILES, TURN LEFT ONTO W 1125 N, GO 1 MILE, SALE IS ON THE RIGHT

BIDDING WILL BE AVAILABLE LIVE, IN PERSON & ONLINE AT PROXIBID.COM/TEDEVERETT JD 4840, 2WD, PS, QUICK HITCH, FRONT | COMBINE, PULL TYPE • BUSH HOG 2715A LEG-WEIGHTS, 4028 HRS • JD 4840, 2WD, PS, QUICK HITCH, FRONT WEIGHTS, 7100 HRS • JD 5020 -REALLY SHARP • JD 4630, QUAD RANGE, 9560 HRS • JD 4520 w/JD 158 LDR, ROPS • JD 2020 w/JD 48 LDR, GAS . CASE 530, WF, GAS, 3PT, PS, ORIGINAL PAINT • OLIVER 1800, GAS, NOT RUNNING • JD 9510 COMBINE, 2WD, CHOPPER, 3980/2880 HRS, S/N 677400 • JD 925 GRAIN HEAD, S/N 655976 • JD 643 CORN HEAD, LOW TIN, OIL BATH • JD 643 CORN HEAD, HIGH TIN • UNVERFERTH HT25 HEAD CART • JD 1760 MAX EMERGE PLUS PLANTER, 12-ROW, LIQ-UID FERT, VAC • KRAUSE 3118 SOIL FINISHER, 18' • IH 490 DISK, 24' • UNVERFERTH ROLLING BASKET, 18' • JD 1010 FIELD CULTIVATOR, FLAT FOLD, 24' • JD FIELD CULTIVATOR, 3PT, 15' • JD 6X PLOW, PULL TYPE • IH 720 5X PLOW • JD 3X PLOW, PULL TYPE • JD WHEEL DISK, 12' • BRENT 470 AUGER CART • (3) GRAVITY WAG-ONS • UNVERFERTH RUNNING GEAR • JD 12A | HAND TOOLS & SHOP ITEMS

END BATWING, 15' • WOODS 3180 BATWING, 15' • WOODS RM90 CUTTER, 3PT, REAR DIS-CHARGE • (2 SETS) JD BALE FORKS FOR JD LOADER • (12) JD WEIGHTS & BRACKET • SEVERAL MISC IMPLEMENT TIRES & DUALS • V-PLOW w/JD BRACKET • WINCO PTO GENERA-TOR • LINCOLN WIRE-MATIC 250 WELDER • 20-TON AIR OVER HYD JACK • HONDA POWERED PLATE COMPACTOR • RECOIL AIR HOSES • FMC 100-GAL LAWN & ORCHARD SPRAYER, 16' BOOMS & HAND SPRAYER • JD YARD CART • PULL TYPE YARD VAC w/5HP BRIGGS MOTOR • 2010 CHEVY SILVERADO, 4X4, 96000 MILES, REGULAR CAB, V-8, AUTOMATIC • 1978 GMC 6500 GRAIN TRUCK, NEW 18' BED, GAS • 1975 CHEVY 6500 GRAIN TRUCK, TANDEM, 427 GAS ENGINE • 2000 WINSTON TILT TOP TRAILER, 10-TON • 2-WHEEL LAWN MOWER TRAILER w/ RAMPS • LARGE ASSORTMENT OF JD PARTS,

Ted Everett & Kurt Everett, Auctioneers, Monrovia, Indiana

AU#01013141 AU#08701600 OFFICE: 317-996-3929 Ted Everett 317-370-3113, Kurt Everett 317-691-4937 Jeremy Edwards, Auctioneer, Waynetown AU#09100129 765-366-4322 Austin Jordan, Mooresville AU#11300118 317-432-1338

SEE OUR WEBSITE AT TEDEVERETT.COM FOR MORE INFORMATION



→ BETTENBROCK RETIREMENT ONLINE ONLY FARM AUCTION

SATURDAY, NOVEMBER 28th @ 10:00 AM EST CORY. IN (approx. 18 mi, southeast of Terre Haute, IN)

SELLERS: VERN & VON BETTENBROCK

LOCATION: 5257 West Co. Rd. 300 S, Cory, IN 47846. DIRECTIONS: From Terre Haute & I-70 take (Exit 11) St. Rd. 46 south & east 8 mi. to Co. Rd. 525 W, turn south & proceed 3 mi. to farm. E

NOTICE: Due to state governed mandate restrictions concerning the Coronavirus, the Bettenbrock Farm Auction has been changed to ONLINE ONLY! Please contact us with any questions you may have @ (812) 382 - 4440. For complete catalog and register to begin bidding NOW, visit bostoncentury.hibid.com

This is a quality line of well maintained, shedded farm equipment that should be ready to go to work. INSPECTION Available DAILY, Now through Saturday, Nov. 28th from 9 AM - 5 PM EST

COMBINE, HEADS, CARRIERS: 2011 CIH 8120 "AFS" 4x4 loaded (2532/1778-hrs); 2012 CIH 2162, 40' Flex Draper; 2012 UF AWS-42, 42' carrier; 2009 CIH 3408 C.H.; UF HT-25 carrier; TRACTORS: 1994 Ford 9680 (6983-hrs); 1988 Versatile 936 (6300 hrs): 1988 CIH 7120 (8374-hrs): 1983 Deutz-Allis 120 w/ldr (6000-hrs): Westendorf 48" ldr forks: SPRAYERS, CHEMICAL / SEED TRAILERS: 2009 Ag Chem Rogator SSC 1084 (1930-hrs); J&M p.t. ATV sprayer; 2001 Great Dane 36' alum. chem. trailer w/tanks, shuttles, & more; 1988 Wabash dolly; 1993 G.D. 28' alum. seed/ chem. trailer; HOPPER BOTTOMS: 2015 Wilson 34'x72"; 2003 Wilson 37'x66"; 2002 Wilson 34'x66"; SEMI'S: 1990 Peterbilt 378 "Day Cab"; 1984 Peterbilt 359 w/sleeper; 1989 Freightliner FLD 120 w/sleeper; PLANTERS: 2006 Kinze 3600, 16x30 w/liq. fert.; 1999 Kinze 2600, 16x31 split-row; TILLAGE: (2) CIH Turbo 330, 31 VT's; Progressive 7200, 16R "Strip-Till"; DMI 2500, 7-sh. ripper; Kew. 21' culti-mulcher; Glencoe 9-sh. disk/chisel; GRAIN & SEED HANDLING: 2009 UF 9250, 1000-bu cart; 2018 Westfield MKX 100-73, swing-away; Hutchinson 61'x10" swing-away; 2017 J&M LC390 tender; Clarke 4-box tender; KB 250-bu gravity wagon; 2001 DODGE Ram 3500, 4x4 w/10' flatbed, 5.9L Cummins (416k); GRAINTRUCKS: 1975 Ford 900 gas 10-wh. w/20' bed; 1974 Chev C65 gas 10-wh. w/20' bed; SPE-CIALTY: IR port. diesel screw air comp.; Miller 225 welder/gen; 1994 truck scales; 2500-gal. steel diesel tank; TOOLS,

> Contact Vern Bettenbrock (812) 249-5947, Von Bettenbrock (812) 249-4958, or Jeff Boston, Auctioneer (812) 382-4440

TECHNOLOGY, & FARM MISC. TERMS: All items sold "As-Is". NO Buyer's Premium!

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Boston Auctions

(812) 382-4440 • Lic# AU01027041 "A Farmer, Working For Farmers" Serving IN-IL-KY



THURSDAY, DECEMBER 17 • 6 P.M FARM LOCATION: 10799 US Hwy 62 on east side of road. 3 miles north of Leesburg, Ohio. Google maps is wrong. Farm is north of Leesburg, OH. (Watch for signs.)

AUCTION LOCATION: Highland County North Joint Fire and Ambulance meeting room, 200

70.9 ACRES WITH IMPROVEMENTS

South St., Leesburg, OH. Watch for signs off Rt. 28 (West Main St.) to sale site. PRODUCTIVE GRAIN FARM **MIAMIAN - BROOKSTON SOILS**

Total of 70.9 acres with 68.3 acres tillable, 0% to 6% slope. Improved with a 2 story home consisting of 3 bedrooms with full bath and outbuildings. A very nice grain farm with old homestead in an excellent location. In the same family for well over 100 years

PREVIEW: THURSDAYS, DEC. 3 & 10 FROM 3:00 TO 5:00 PM OTHER TIMES BY APPOINTMENT

THE LARRY CUMMINGS FARM Kay Cummings - Laura Purtell

ONLINE BIDDING AVAILABLE AT WILNAT.COM

CALL FOR BROCHURE 800-450-3440 or www.wilnat.com

> WILSON NATIONAL A REAL ESTATE & AUCTION GROUP

Mark Wilson and Brandon Wilson, Auctioneers

Deadline for Coronavirus Food Assistance Program 2 is Dec. 11

WASHINGTON - U.S. Department of Agriculture (USDA) Farm Service Agency (FSA) reminds farmers and ranchers that the deadline to apply for the Coronavirus Food Assistance Program 2 (CFAP 2) is Dec. 11. This program provides direct relief to producers who continue to face market disruptions and associated costs because of COVID-19.

"Producers have one more month

to get their applications in for this important relief program," said Richard Fordyce, Farm Service Agency administrator. "Applying is simple and our staff is available to assist every step of the way."

CFAP 2 will provide up to \$14 billion to eligible producers of certain row crops, livestock, dairy, specialty crops, aquaculture and more. All eligible commodities, payment rates and calculations can be found on ee ready to offer general assistance. farmers.gov/cfap. CFAP 2 is a separate program from the first iteration of the program (CFAP 1) and interested producers must complete a new application to be eligible for payment for CFAP 2.

Customers seeking one-on-one support with the CFAP 2 application process can call 877-508-8364 to speak directly with a USDA employThis is a recommended first step before a producer engages the team at the FSA county office.

Producers have several options for applying to the CFAP 2 program by the Dec. 11 deadline:

Using an online portal at farmers.gov/cfap. This allows producers with secure USDA login credentials, known as eAuthentication, to certify eligible commodities online, digitally sign applications and submit directly to the local USDA Service Center.

Completing the application form using our CFAP 2 Application Generator and Payment Calculator found at farmers.gov/cfap. This Excel workbook allows customers to input information specific to their operation to determine estimated payments and populate the application form, which can be printed, then signed and submitted to their local USDA Service Center.

Downloading the AD-3117 application form from farmers.gov/cfap and manually completing the form to submit to the local USDA Service Center by mail, electronically, or by hand delivery to an office drop box. In some limited cases, the office may be open for in-person business by appointment. Visit farmers.gov/ coronavirus/service-center-status to check the status of your local office.

USDA Service Centers can also work with producers to complete and securely transmit digitally-signed applications through two commercially available tools: Box and One-Span. Producers who are interested in digitally signing their applications should notify their local FSA office when calling to discuss the CFAP 2 application process. You can learn more about these solutions at farmers.gov/mydocs.

Producers of commodities with payments based on acreage will use acreage and yield information provided by FSA through the annual acreage reporting process. Producers have the option to complete their application by working directly with their local FSA office or online through the CFAP 2 Application Por-

All other eligibility forms, such as those related to adjusted gross income and payment information, can be downloaded from farmers.gov/ cfap/apply. For existing FSA customers, including those who participated in CFAP 1, these documents are likely already on file.

Both CFAP 1 and CFAP 2 are self-certification programs, which means the applicant certifies the information submitted is correct. FSA will soon begin an important step in the internal controls portion of CFAP 1 by conducting spot checks. Producers have been randomly selected using a statistically sound methodology. These CFAP 1 applicants will be contacted by FSA staff and asked to provide supporting documentation to verify the information certified by the producer on their CFAP 1 application.

As of Nov. 9, FSA has paid more than \$9.5 billion with more than 576,000 applications for CFAP 2. This builds upon more than \$10.3 billion paid through CFAP 1.

Call Michele At: 1-800-876-5133, Ext. 122 For Auction Advertising Information



2004 Versatile Model 2210 Genesis II MFD Diesel tractor with 18.4Rx46 rear rubber and duals, 10 front veights, 18 speed transmission and 4170 hours. This was just serviced and ready to go, Serial #500727, Auto steer; Super clean 1998 Ford New Holland Model 8970 MFD trac-tor 18.4Rx46 rubber and rear duals,







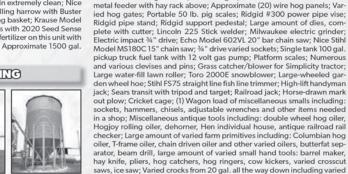
tor 18.48X46 rubber and rear duals, 22 front weights, approximately 4600 hours, 16 speed transmission, Serial #D415396 Auto Steer; Very clean 1995 John Deere 8100 diesel tractor, 18.48X42 tires and duals, MFD, 7 front weights, quick attach, 4018 hours, also this item was just serviced, everything in the cab works, Serial #RW8100P001679; Landoll Model 6230 Rockflex at 26' disk walking tandem, again extremely clean; Nice Unverferth Model 220 29' rolling harrow with Buster Bar; Yery nice Unverferth Model 225 26' folding rolling harrow with Buster Bar; 2008 Krause Dominator 12' rockflex front ripper tool walking tandem 7 spring shank rippers and rolling basket; Krause Model 5600 27' walking tandem final finish tool, very good shoes; 2004 John Deere 1760 12-row MaxEmerge Plus with 2020 Seed Sense precision parts in the finger pick-user, complete with projetic and proposed proposed to the proposed programment of the proposed proposed programment of the proposed proposed programment of the proposed programment of the proposed programment of the proposed proposed programment of the proposed proposed programment of the proposed programment of precision parts in the finger pick-ups, complete with monitor, again very nice, alway been inside, there is no fertilizer on this unit with 3-bushel seed boxes and bean meters; Stobel ASI load seed tender with folding auger and gas-powered; Approximate 1500 gal. poly fertilizer tank: heavy duty 9' grader blade

COMBINE OTRUCKS O DRYER OBINS O GRAIN HANDLING









2006 Case-IH Model 2388 Axial-Flow rear wheel assist combine, reverser monitor Serial #295611 w/Maurer bin saver, good rub-ber, approx. 3800 hours on engine and approx. 2800 separator hours; Nice Case-IH 1020 grain head 25', approx. 2006, Serial #323129; Case-IH Model 3206 2010 6-row all poly corn head, it looks like new, Serial #23512; (2) excellent Killbros low profile head wagons with adjustable tongues: 1997 International 8100 tandem dual grain truck, 10-speed Cummins power with a Kann 20' alum wagons with adjustable tongues; 1997 International 8100 tandem dual grain truck, 10-speed Cummins power with a Kann 20' aluminum bed w/5' aluminum sides, roll tarp, approx. 650 bu. corn capacity, good rubber, approx. 90,000 miles; 1998 International 9100 Cummins diesel tandem axle grain truck with 10-speed and a Kann 20' aluminum bed and 5' sides with roll tarp, approx. 650 bushel cap. and approximate 318,000 miles - Both of these trucks have excellent rubber; Feterl PTO-driven approx. 60' x8" transport auger; Feterl 60' x10" PTO-driven transport auger; Hutchinson 55' x8" PTO transport auger; Airstream series 2000 GSI 112 grain dryer, LP gas, approx. 25 years old but its maintained and just serviced this summer, works the best; GSI 2800 bushel 15 leg wet tank complete with unloading auger and motor; DMC Trans-Fer 700 airline system, newer blower motors; 6"x6' auger and motor that drops from dryer to airlock system to be sold separate; (3) grain bins to be removed - (2) 5500 bushel, (1) 4000 bushel, presently being used but they have been used and the sold. have been up a long time; 500 gal. LP gas tank; Super nice light duty 14' hay rack wa

- OWNERS -RUSSELL & JUDY STEELE 574-286-5390



HahnAuctione

Phil Hahn - (574) 535-3783 Brian Wuthrich (574) 268-4940 - Milford, IN Office (574) 773-8445 Nappanee, IN AC39800021

Very nice Hyster 6000 lb. Monotrol drive side shift LP gas, cushioned-tired yard fork-lift - this one is what every farmer should have!; Set of 10' forklift extensions; Newer

pallet jack; (10) squared-tube approxi-mate 16' cattle gates; Light duty cattle chute; Miscellaneous hog and cattle feed-ing items including (5) fiberglass approx. 500 lb. inside hog feeders, feed troughs,

metal feeder with hav rack above; Approximate (20) wire hog panels; Var-

sockets, hammers, chisels, adjustable wrenches and other items needed

in a shop; Miscellaneous antique tools including: double wheel hog oiler, Hogjoy rolling oiler, dehorner, Hen individual house, antique railroad rail checker; Large amount of varied farm primitives including: Columbian hog oiler, Tfame oiler, chain driven oiler and other varied oilers, butterfat separator, beam drill, large amount of varied small hand tools: barrel maker,

hay knife, pliers, hog catchers, hog ringers, cow kickers, varied crosscut nay kinle, pilers, nog catchers, nog ingers, cow kickers, varied crossed saws, ice saw; Varied crocks from 20 gal. all the way down including varied chicken waterers such as UCO feeder and others, jugs, rain gauges and lots of other things that has to do with farm primitives; Rain gauges, thermometers, bullet pencils and additional items with local advertising; 12' communion table, 22" wide, top is one board, built 9-22-1900, out of Turkey

Creek Church, Gravelton; Coppes Kitchen with flour bin; Horseshoe set;

Auction Note: This is a very clean auction. The Steeles took very good care of their equipment and most was always shed-ded. We will be on tractors at approximately 12 noon and then

followed by the machinery, combine, trucks, and then grain

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Any Announcements Made Day of Sale Take Precedence Over Printed Matter

Jason Hahn Clint Cripe (574) 354-8006

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WE ARE RETIRING FROM FARMING & THE DESCRIBED FARM EQUIPMENT WILL SELL AT A LIVE & SIMULCAST ONLINE AUCTION HELD ON THE FARM LOCATED 1/4 MI. NORTH OF TWINING, MICHIGAN TO 1171 N. M-65, TWINING, MI 48766 (ARENAC COUNTY, MI)

THURSDAY, DECEMBER 10, 2020 @ 10:00 AM SHARP!

ON-SITE INSPÉCTION DAY SATURDAY, DÉCEMBER 5TH FROM 9:00 AM TO 3:00 PM (OR) INSPECTION BY CONFIRMED APPOINTMENT BY CALLING TIM JUREK (989) 878-0675

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TOR, 360 HP, 7,373 HRS, 1 OWNER, 3 PT, NO PTO, 4 REMOTES, 10 FRONT WEIGHTS, SYNCH 12, MATCHING GOODYEAR OPTITRAC DT 812 620/70R/42" AXLE DUALS @ 70% REAR WEIGHTS SN# RW9300H001960 JD MFWD TRACTOR: 2011 JD 8285R MFWD TRACTOR, 285 HP, 2463 HRS 1 OWNER, PS 16/5, 1000 PTO, 5 REMOTES, QUICK COUPLER, MICHELIN 380/90R/50 AXLE DUALS, GOODYEAR 380/80R/38" AXLE FRONT DUALS, SN#1RW8285RCBP043825; **2004 JD 8220 MFWD TRACTOR,** 190 HP, 2591 HRS 16/4 PS 10 FRONT WEIGHTS YEAR DT800 380/90R/50" AXLE DUALS, GOODYEAR 380/85R/34" FRONT DUALS. SN#RW8220P025747; **1991 JD 4555 MFWD TRACTOR,** *157 HP,* 16/6 PS, LG 1000 PTO_FIRESTONE 380/90R/46" AXLE DUALS 3 REMOTES_SN#RW4555POO6425 JD 2WD TRACTORS: 1982 JD 4440 2WD TRACTOR, CAH,11.7K HRS, 1 OWNER QUAD RANGE, 3 PT, 540/1000 PTO, 3 REMOTES, PLUMBED FOR HYD. LOADER, 14.9X46" TIRES; **JD 740 HYD. LOADER**; **JD 4020 DSL. TRACTOR**, 1 OWN

JD ARTICULATE TRACTORS: 2014 JD 9560R 4X4 TRACTOR, 560 HP, 2555 HRS, BAREBACK, 2ND OWNER, 18/6 PS, DELUXE CAB W/ACTIVE SEAT, MICHELIN

IF800/70R/38 DUALS @ 80%, 5 REMOTES, INNER FRONT WEIGHTS, REAR WHEEL WEIGHTS, SHARP! SN#1RW9560RTDP010067; 1997 JD 9300 4X4TRAC-

TRACTOR W/HYD, WHITE LOADER & BUCKET, OPEN STATION, 16.9X38" TIRES, JD COMBINE & HEAD: 2013 JD S680 RWA COMBINE, 473 HP, 1283S/1904E, HYDRO, GREENSTAR 3, FIRESTONE DEEP TREAD 650/85R/38" FRONT DU-ALS, FIRESTONE 750/65R/26" REARS, CONTOUR MASTER, SHARP UNIT! SN#1HS680SHC0755182; 2009 JD 608 C 8 ROW POLY CORN HEAD, CALMER

FR OROPS CANOPY 1 REMOTE 18 4X34" TIRES SN#146670R: JD 2840 DSL

TRUCKS & DUMP TRAILERS: 1997 FORD 9000 QUAD AXLE GRAIN TRUCK, B10K, CAT 3126 DSL, 8 SPD, HULETT 24" GRAIN BODY & HOIS FRONT & REAR AIR LIFT AXLES SHARP! 2004 IHC 94001 ROAD TRACTOR BUNK SLEEPER, 551K MILES, WET KIT, AIR RIDE, WB 222", 475 CAT C-15, FULL-ER 18 SPD; **2004 MAC 35' ALUM. 5 AXLE DUMP TRAILER,** 3 DOWN W/2 AIR LIFT AXLES; **1993 WHITE/GMC ROAD TRACTOR,** INTEGRAL SLEEPER, AIR RIDE, WET KIT, DETROIT SERIES 60, 13 SPD.; 1977 SUMMIT 34" TRI-AXLE ALUM. DIMPTRAILER W/1 AIR LIFT AXI E: 1985 IHC C/O 9670 ROAD TRACTOR WET KIT, 13 SPD., 400 CUMMINS; 1978 THIELTRI-AXLE ALUM. DUMP TRAILER; 1974 FORD 9000 LIVE TANDEM GRAIN TRUCK, 18' METAL GRAIN BODY, 318 DETROIT

GRAIN CART: DEMCO 850 GRAIN CART; RICHARDTON MULTI-PURPOSE HYD

PLANTERS/DRILL: JD 1830NT 18 ROW PLANTER. CCS SEED DELIVERY. DB FRAME, LIQUID FERTILIZER, YETTER TRASH, MONITOR, GREENSTAR RATE CONTROL, SN#1PAM1830EA0755526; JD 455 30' HYD. FOLD GRAIN DRILL, RANDOM BLOCKAGE SENSORS, MARKER ARMS

SPRAYER & SPRAY TRUCK: 2009 CASE/IH SPX 3320 PATRIOT 4X4 SPRAYER, PRODUCT PUMP, FLUSH, CHEM. INDUCTOR, MICHELIN 380/90/46" TIRES, EXTRA TIPS, SN#YBT024206; **2000 STERLING LIVE TANDEM FLATBED SPRAY** TRUCK, 102"X27" STEEL BED, AIR RIDE, 8 SPD., 7.2L CAT 3126 DSL., 333K #12k/#20k, XR 950 & 2500 GAL.TANK

TILLAGE & FARM MACHINERY: KONGSKILDE 8200 VIBRO-TILL 42½' FIELD CULTIVATOR; KONGSKILDE 2900 VIBRO-TILL 40½' FIELD CULTIVATOR; SMYTH WELDING 45'X30" HYD. FOLD UP LAND ROLLER: CASE/IH 870 ECOLO-TIGER 9 SHANK DISC CHISEL; JD 3700 9 BTM. FLEX PLOW, ONLAND; JD 915 3 PT. V-RIPPER; JD 1600 24 SHANK HYD. FOLD CHISEL PLOW; JD 331 27½ HYD. FOLD WHEEL DISC; 3 PT. SHOPBUILT WOOD SPLITTER; JD #740 GEAR W/KB 350 BOX: WILLMAR 500 T/A DRY FERTILIZER SPREADER, 540 PTO: ALLOWAY/ RAU 12 ROW HYD. FOLD CULTIVATOR W/ASSIST WHEEL; WESTGO 2220 12 ROW HYD. FOLD CULTIVATOR: ALLOWAY 12 ROW HYD. FOLD BAND SPRAY ER, 3 PT.; KORY 6072 GEAR W/KB 350 BOX W/EXTS.; JD #740 GEAR W/16' OAK FLAT RACK; WOODS 9580 BATWING MOWER, HYD. FOLD, LG 1000 PTO; RAPAT 18"X40'TRANSPORT BELT VEYOR, HYD. DRIVE, SN#FA018; JD 740 GEAR W/KB 350 BOX W/UNVERFERTH HYD. AUGER: HARDI TR 500 45'T/A FIELD SPRAYER JD GUIDANCE & FM RADIO SYSTEM: STARFIRE 6000 RECEIVER; (2) JD STAR-FIRE 3000 RECEIVERS; JD 2630 DISPLAY; JD 2600 DISPLAY; 7 MOTOROLA & KENWOOD 2-WAY FM RADIOS & SUPPLIES

MISC SMALL FARM & SUPPORT ITEMS: SEVERAL PALLETS OF FARM SMALLS!

PUBLIC INSPECTION DATE: SATURDAY, DECEMBER 5, 2020 FROM 9:00 AM TO 3:00 PM (OR) **CALL FOR CONFIRMED APPOINTMENT BY CALLING TIM JUREK (989) 878-0675**

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Tom Griffiths re-appointed to USB

Indiana Soybean Alliance Chair Tom Griffiths, who is a farmer from Noble County, Ind., was re-appointed by USDA Secretary Sonny Perdue to the United Soybean Board (USB) in October. Griffiths will be officially sworn in for service at the annual USB meeting in December, and he will serve a second, three-year term.

In his past service with the ISA, Griffiths was the board chair in 2017-18, secretary in 2014-15, chairman of the ISA Livestock, Production Research and Environmental Programs Committee in 2012-13, a representative to the U.S. Meat Export Federation (USMEF) from 2010-14, and a representative to the USA Poultry and Egg Export Council (USAPEEC) from 2015-18.

Along with his wife, Kim, and son, Glen, Griffiths has operated Arrow G Farms since 1988. In addition to corn, soybeans and hay, they also feed and raise a few head of cattle.

"I will continue to stay informed of the issues and future challenges that face Indiana agriculture," Griffiths said. "This insight allows me to make informed, sound decisions on where to invest Indiana's checkoff dollars in the same conservative manner as I have in the past. My No. 1 priority has, and always will be, to bring back the most return to Indiana farmers both large and small."

He has a degree in metallurgical engineering. Griffiths has worked in the following agricultural fields: fertilizer warehouse manager, feed blending and service, and a custom applicator.

"I would like to thank (USDA Secretary) Perdue for Sonny

INDIANAPOLIS, Ind. — Former reappointment to the USB Board," Griffiths said. "I want soybean farmers from around the Midwest to know that I will be an outspoken advocate for the American farmer. Being a director on the USB for the past three years has been an honor; and with my reappointment, I will continue to support the USB in any way I can while voicing my concerns when I think it's needed. Being a USB director is not an easy job, as in many things in life, the right thing isn't always the easy thing to do."

He believes expanding both export and domestic markets, along with paying attention to consumers' desire for sustainability, are issues USB will need to address in the next three years.

"Along with old and new export markets, domestic markets have driven the demand of our products for decades," Griffths said. "I believe sustainability is something that consumers are continually going to express their concerns about. Eventually they will be able to define what sustainability is to them, and we need to address those concerns.

"Knowing what industry brought soybean farmers to the dance years ago, I will continue to be a staunch advocate for their continued support."

Authorized by the Soybean Promotion, Research, and Consumer Information Act, the USB is composed of 78 members representing 29 states, in addition to the Eastern and Western regions. The number of seats on the board is determined based on bushels produced in that region. Members must be soybean farmers nominated by a Qualified State Soybean Board.



Troy, Ohio 45373

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 - 2005 CAT 314C Excavator with only
 - 2009 CASE 580 Super M Plus Backhoe 4x4 with only 5,785 Hours
 - 1999 Bomag Vibratory Roller with 3,100
 - Eager Beaver Implement Trailers 20 & 10
 - 98 Peterbilt 379 Dump Truck with CAT C-12 Engine Strong Running Engine
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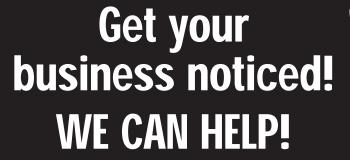
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ITEMS BEING ADDED DAILY! TRACTORS: Case-IH JX95 4x4 (31 ACTUAL HRS); Case-IH JX95; Case IH DX29 Hydro 4x4 (104 hrs); JD 2355 4x4 CHA loader (restored-SHARP); (2) IH 706G loader; JD 3020G; AC 5040 loader; AC 180 diesel; AC D-17 Series 4; AC D-17 loader; Ford 3930 diesel; Ford 3000; MF 235 diesel Mahindra 255 4x4 CHA (578 hrs-needs engine); (2) IH 244; Cub Lo-Boy ANTIQUE TRACTORS: '37 JD AN '37 JD A;'52 JD AR; JD H; JD B; Farmall H; Farmall M; Mc-D 10-20 FARM EQUIPMENT: NH 654 baler (low use); JD 6600 combine (field ready); JD 915 grain head; Mensch M2100 Side Shooter; Deutz 6 row planter; Rhino DB150 bank mower; several wagons; Arena Works 80" 3-pt drag; 3-pt tillers; rotary mowers; round bale unrollers; blades; large amount new 3-pt equipment; rear tractor tires LIVESTOCK GATES & POSTS: (14) 12' corral panels; (280) treated 6"x 8' posts; (275) treated 4"x8' wood posts; (500) treated 3"x7" wood posts TRUCKS/TRAILERS: '06 Freightliner 120; '96 Kenworth W900 day; 1999/2001 Reitnouer Big Bubba 48' flatbed trailers; '13 Interstate 10K trailer; Chevy 2500 2WD service truck; '05 Corn Pro GN 20' lo-pro trailer; utility trailers; snow blades SKID STEERS/ATTACHMENTS/ CONSTRUCTION: '04 Takeuchi TL-40 track-type skid steer; JD 240 skid steer (1596 hrs); CAT 246C CHA (needs engine); Arrow boom pole; (2) 86" blades; buckets; rotary tiller; trencher; (5) grapples; (2) pallet forks; FK Allied W3633 stump grinder; compactors; concrete vibrator/saw; hoe ram; forklift extensions; 250+ new traffic cones; new trash pump; trench box; etc STORAGE BUILDINGS-NEW: 40x80; 30x60; 30x40; 20x30; skid mtd livestock shed; (2) garages; carport; 20x20 shelters SHOP TOOLS/STORAGE NEW: (2) 10K auto lifts; motorcycle lift; 50-ton shop press; tire changers/wheel balancers; work benches; 4000PSI power washer; tool cabinets; 10-ton scale; (2) 12K Watt generators UTILITY VEHICLES: '13 Kubota RTV 900XTS; '13 Kubota RTV 500R; '14 JD Gator HPX; Bennche 400 LAWN MOWERS: 25+ quality late model lawn mowers-most ZTR VIEWING: Mon-Fri 8-4:30; Sat 8-12 or by appointment

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UPCOMING AUCTIONS

Michael Bonnell 812.343.6036

Bartholomew County, IN: December 8-9 (ONLINE) 26.94^{+/-} Acres Contact: Dave Bonnell 812.343.4313 or Michael Bonnell 812.343.6036

Fayette County, IN: December 15 • 240.94*/- Acres • 9 Tracts Contact: Rusty Harmeyer 765.570.8118, Dave Bonnell 812.343.4313 or

Greene County, IN: December 15-16 (ONLINE) 208.5+/- Acres

4 Tracts Contact: Dave Bonnell 812.343.4313 or Todd Litten 812.327.2466

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FEATURED LISTINGS

Bartholomew County, IN: 120+/- Acres • Sand Creek Township Contact: Dave Bonnell 812.343.4313 or Michael Bonnell 812.343.6036

Porter County, IN: 48.36+/- Acres • 3 Tracts Contact: Julie Matthys 574.310.5189

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FARM CLOSE-OUT AUCTION

15400 S. PAWNEE RD., PAWNEE, IL

THURSDAY, DECEMBER 10, 2020 - SALE TIME: 10:00 AM

QUALITY LATE MODEL JOHN DEERE FARM EQUIPMENT

JD COMBINE & HEADS • HEAD MOVERS • JD TRACTORS • JD FORKLIFT • TRUCKS • TIMPTE HOPPER BOTTOM GRAIN TRAILERS • 2014 KINZE PLANTER • GRAIN CART • MACHINERY • SEED WAGON • GRAVITY FLOW WAGONS • AUGERS • LIVESTOCK & HORSE TRAILER • MISC.

See full sale bill @ www.corycraig.com

AUCTIONEER'S NOTE: Dennis has decided to retire from his farming operation. He has a very nice line of equipment, very clean, low hours, well maintained and field ready. Please be on time, there will only be 2 hay racks of small items. Mark your calendar and plan to attend this quality auction! -CORY

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TERMS: Cash or approved check (by the Auctioneer) must have photo ID to register for bid number. Errors or changes will be announced sale day and take precedence over printed matter. All years, makes, models, hours and serial numbers are subject to bidder/buyer verification. Nothing removed until settled for. Not responsible for accidents.

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Pawnee, IL

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R&G Farms Equipment AUCTON



AUCTION LOCATION: 2290 Wilson Road, West Jefferson, OH. 9 mi. E. of London, OH, 3.5 mi. SW of West Jefferson. (Watch for signs.)

COMBINE - TRACTORS

COMBINE: 2017 JD \$660 STS combine 631/498 Hrs., 4WD combine, air seat, LED lights, GS3 2630 display, active yield, Hi torq var. speed feederhouse, round bar concave, deep tooth chaffer/sieve, Xtend wear rotor and grain handling, power folding covers with extension, Hi unload auger with extension, pwr. cast tailboard, 750/65R26 rear, 520/85R42 duals; 2018 JD 640 FD 40ft. flex draper, flip over reel, spare knife, less than 2000 acres; 2016 JD 608C 8R30 cornhead, HHS, opposed knife rolls, autotrac row sensors, Yetter Stalk Devastators; J&M HT8 20' Header Transport; 2018 Unverferth AWS42 42' All Wheel Steer Header Transport. TRACTORS: 2012 JD 8360R 2912 Hrs, MFWD, IVT, ILS, Autotrac ready, 7" touch display, premium cab, 60 gpm hyd. Pump, 5 SCV, 480/80R50 rear duals 420/85R34 front duals, Firestone tires, HID lights, front fenders,

hyd. Pump, 5 SCV, 480/80R50 rear duals 420/85R34 front duals, Firestone tires, HID lights, front fenders, full coverage rear fenders, leather trim, radar, 22 front weights, 1400lb inside inner weights, Pre DEF; **2013 JD 8285R** 1492 Hrs MFWD, IVT, ILS, Autotrac ready, 7" touch display, premium cab, 60 gpm hyd. Pump, 4 SCV, 480/80R46 rear duals 380/85R34 front duals, Firestone tires, HID lights, front fenders, 12 front weights, inside inner weights, Pre DEF; **JD 4630 2WD** C/H/A 2WD, 20.8R38 singles, 10 frt. wts. quick hitch 2SCV with Fasse valve; **1972 JD 4020** Diesel tractor, WF, syncro, 2 SCV, 18.4R34 Firestone, Koyker 510 loader; **1970 JD 4020** 7500 Hrs., Diesel tractor, 18.4-38, (2) ISO hyd. couplers, side step, new seat, front weight bracket, "field ready" recently painted, *Owner: Fred Yoder; JD 2010* 3644 Hrs., Gas tractor, NF, 1 SCV syncro range) *Owner: Phil Hostetler; JD Wheel Weights* (6) 450 lb wheel weights (2) 150 lb wheel weights off 8360R.

GPS: JD 3000 Starfire GPS receiver, SF2 ready with RTK activation, dlx. Shroud; JD 3000 Starfire GPS receiver, SF2 ready with RTK activation, dlx. Shroud; JD GS3 2630 Touchscreen display with Autotrac SF2, Section control; JD GS3 2630 Touchscreen display with Autotrac SF2, Section control, row sense.

PLANTING - GRAIN HANDLING - TILLAGE

PLANTING / GRAIN HANDLING / TILLAGE: 2016 JD 1795 16/32 CCS Planter ME5 row units, 15"-30" two point hitch, hyd. drive, walking gauge wheels, active pneumatic down force, cast closing wheels, seedstar XP monitor, 13 wave no-till coulter, markers, ProMax 40 disks, soybean disks, in row fertilizer; 2014 Meridian 400 SLD Seed Tender, tri-axle, gooseneck, with dlx remote, scales, talc applicator; 2010 J&M 1151 Grain Cart 1100 bu. with 22" auger, tarp, Digi-Star scales with REAP, (3) cameras, 76x50-32 tires; 2011 Blue Jet Land Runner 15 knife anhydrous applicator, MaxPac knife, coulter sealer, Raven cooler, JD rate controller 13,382 acres; DMI Tiger Mate 30' Field Cultivator coil tine harrow, rear hitch; Dunham Lehr 16' Harogator pull type with cylinder; 2011 Brandt 1390-HP Auger 13"x90ft swing a way auger with power wheels; 2001 Fetrel Auger 12"x70ft. swing a way auger with power wheels; Kewanee Blade 9ft. 3pt. rear blade, hyd. Angle; Bush Hog 146 Off-Set disk, good blades & bearings.

TRUCK - TRAILERS

2005 Volvo Semi Tractor 695,519 Mi, sleeper, air ride, 10 spd. alum. rims *Owner: Marlin Yutzy;* Freuhauf 45' Flat Bed Trailer (2) 2600 gal. tanks, Handler 3 inductor, 2 inductors, 3" plumbing w/Honda pump; 1968 Roger Bros. 35' Drop Deck Trailer (2) 2250 gal. tanks, inductor, 2" plumbing; 2012 Timpte 40' Hopper Bottom alum. hopper, elec. roll tarp, air ride, stainless corners, alum. rims *Owner: Marlin Yutzy;* 1993 East 25'x102" Coal Bucket Trailer elec. tarp, tag axle, full liner, *Owner: Phil Hostetler;* (2) Pequea 1086 18ft flat bed w/8T gear, telescoping tongue, 11L-15 tires; JD Flat Bed JD running gear w/16ft. homemade bed.

MISCELLANEOUS

2011 JD CX15 Rotary Cutter 15ft. Commercial duty rotary cutter, 1000 PTO, heavy duty pneumatic tires, front/rear chains; Degelman R570S 5ft. rock picker, ground drive; 8' Box Blade, JD Pallet Forks off 500 series JD loader; 2,000 Gal. Flame Shield Fuel Tank & Pump, Dickey-John GAC 2100 Moisture Tester, 2009 Karcher HDS 4.0 Commercial Hot Water Pressure Washer, VAL 6 Radiant Heater, Pro 155 Red-

dy Heater Propane Torpedo Heater, (4) 12 Volt chemical pumps, Ingersol Socket Set 1^n IR air gun with 1^n & 3^n SAE.

AUCTIONEER'S NOTE: Robert & Gary are retiring after a lifetime of farming. Most equipment was purchased new. Equipment is in very good field ready condition. Well maintained and under roof when not in use. Only a few small items. Sale won't last long. Be on time!

*Equipment Hours are Pre-Harvest
For questions on Equipment Call
Gary Hostetler 614-361-6180
For Specific Equipment Call:
JD 2010 & 1993 East Coat Bucket Trailer
Phil Hostetler 614-581-9709
1970 JD 4020 - Fred Yoder 614-530-4510
Volvo Semi & Timpte Trailer – Marlin Yutzy
614-309-8972

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Sale Calendar

FROM PAGE 14B

DEC 12 WINAMAC, INDIANA: Consignment — Olson Auctions. Farm machinery.. 9 am ET

DEC 12 WALLINGFORD, KENTUCKY: Bloemer Estate — Chuck Marshall Auction & R.E. Co.. Real estate.. 10 am SEE AD ON PAGE 13B

DEC 12 EATON, OHIO: Consignment — Harmeyer Auctions. Farm equipment, mowers, other.. 10 am SEE AD ON PAGE 14B

DEC 14 MONROEVILLE, INDIANA: McNeal Estate
— Schrader Real Estate & Auction Co., Inc.. Real
estate.. 6 pm SEE AD ON PAGE 13B

DEC 15 CONNERSVILLE, INDIANA: William Neuman Farms Inc. — Halderman Real Estate. Real estate..

6:30 pm EST SEE AD ON PAGE 17B

DEC 17 LEESBURG, OHIO: Cummings Farm — Wilson Nationsl Real Estate. Real estate.. 6 pm SEE AD ON PAGE 14B

DEC 23 LIBERTY CENTER, INDIANA: Land Auction
— Steffen Group. 135.49 + acreds offered in 4 tracts.. 6 pm SEE AD ON PAGE 13B

DEC 26 WINCHESTER, OHIO: Baxla Consignment — Hess Auction Co.. Farm equipment & machinery..

DEC 29 ST. ANNE, ILLINOIS: Consignment — St. Anne Area Consignment. Farm machinery.. 8 am

FEB 2 NEW PARIS, INDIANA: Consignment — Polk Auction Co.. Equipment, machinery, other.. 8:30 am EST SEE AD ON PAGE 22B

FEB 10 TERRE HAUTE, INDIANA: Robert J. Burkle MD Trust — Johnny Swalls Auction. Real estate..

Call Michele At: 1-800-876-5133, Ext. 122 For Auction Advertising Information





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Rusty Harmeyer: 765.570.8118

Dave Bonnell: 812.343.4313

Michael Bonnell: 812.343.6036

Auctioneer: Russell D. Harmeyer. IN Auct. Lic. #AU10000277

HRES IN Lic. #AC69200019, HLS# RDH-12574

OWNER: WILLIAM NEUMAN FARMS INC

FALL HUDSONVILLE EQUIPMENT LIVE & ONLINE AUCTION SATURDAY, DEC. 5 | 10AM | HUDSONVILLE, MI

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EQUIPMENT HIGHLIGHTS:

2018 Bobcat T450 Rubber Track Skid Steer 2016 Bobcat T590 Rubber Track Skid Steer 2017 CAT 259D Track Skid Steer 2016 CAT 242D Skid Steer 2016 Takeuchi TL8 Skid Steer 2013 Kubota U55 Mini Excavator Vermeer SC852 Stump Grinder

Several Skid Steer Attachments

2012 Freightliner Columbia Glider Semi 2021 CJ Heavy Haul Dump Trailer 2009 John Deere 5083E Tractor, MFWD John Deere 3020 Tractor

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Up to \$2,000 per acre possible under new H20hio water program

By CELESTE BAUMGARTNER **Ohio Correspondent**

COLUMBUS, Ohio — A new H2Ohio water quality incentive program (WQIP) has the potential to pay up to a \$2,000 an acre one-time incentive for farmers, tenants, or landowners. The Ohio Dept. of Natural Resources (ODNR) will accept applications for this program from Dec. 1 through Jan.29.

The new incentive program is partnering with the Lake Erie Conservation Reserve Enhancement Program (CREP), said John Kaiser, ODNR Ohio Div. of Wildlife Acting Private Lands Administrator. CREP is a USDA conservation program that offers farmers and landowners financial rewards for taking cropland out of production and establishing conservation practices.

"Landowners can apply for this program and then later apply for Lake Erie CREP because some folks might be of the mindset that they might not want to get into CREP unless they get this incentive payment. If they get accepted into the H2Ohio incentive program, and they decide to move forward with the project, they do have to sign up for Lake Erie CREP."

This new H2Ohio program offers the one-time \$2,000 an acre incentive for farmers and landowners who sign up for either new wetlands or forested riparian buffers (buffer strips with trees), Kaiser said. Wetlands and riparian buffers act as filters to reduce nutrient loading into waterways and help reduce flooding.

"These two practices are some of the best practices for reducing nutrients, and they are the most likely to be reenrolled," Kaiser said. "From an agricultural perspective, grass filter strips are good. They're a good conservation practice, but they can be easily converted back into farmland at the end of the contract."

At the end of the application period, applications will be scored and selected based on the criteria for the best projects to improve water

Kansas corn harvest expected to be down

MANHATTAN, Kan. (AP) - Kansas farmers are forecast to harvest 759 million bushels of corn this season, down 5 percent from last year's production, the government said Nov.

The UDSA's National Agricultural Statistics Service said in its monthly crop report that it expects fewer acres of corn will be harvested this year in Kansas. Anticipated average yields are slightly down. It estimated that 5.75 million acres of corn will be cut, down 4 percent from last year. Average yields are expected to come in at 132 bushels per acre.

The agency's forecasts for some other major crops in the state are more optimistic. Sorghum production is projected at 237 million bushels, up 16 percent from last year. The state's soybean harvest is forecast at 200 million bushels, up 7 percent.

About 320,000 bales of cotton are also expected to be harvested in Kansas, up 14 percent from last year.

> **Call Michele At:** 1-800-876-5133, Ext. 122 For Auction Advertising Information

quality. Readers can find those criteria in the link below.

"We'll notify those folks," Kaiser said. "Once that project is 100 percent complete, we make payment."

The new incentive program is one of several H2Ohio efforts currently underway by ODNR including the Forder Bridge Project in Paulding County, the Fruth Wetland Nature Preserve in Seneca County, the St. Joseph Confluence Reconnection in Williams County, the Van Order Wetland and Forest Restoration in Henry County, and the new wetland area east of the Andreoff Wildlife Area in Wyandot County.

H2Ohio is Governor DeWine's initiative to ensure safe and clean water. It is a comprehensive, datadriven approach to improving water quality over the long term, Kaiser said. H2Ohio focuses on encouraging agricultural best management practices, restoring and enhancing wetlands, and replacing home septic systems to reduce nutrients that contribute to harmful algal blooms.

http://h2.ohio.gov/newh2ohio-incentive-program-helpsimprove-water-quality/ for more information, for qualifying criteria, and information on an ODA representative in your area.

TELL THEM YOU SAW THEIR AD IN Farm World

IMPORTANT AUCTION **ANNOUNCEMENT**

Rollo Juckette & Brad Neuhart's Annual Fall Consignment will go on as planned as a live on-site auction on Friday 11/27/20 and Saturday 11/28/20. The farm toy auction has been changed from a live auction to an online only auction with items beginning to end at 11am on Sunday 11/29/20. We have put in place distancing measures to meet current state requirements and request attendees follow all state and federal guidelines while at the auction.

We will also be offering online bidding (in conjunction with live on-site bidding) on certain items for Saturday 11/29/20. See our website for details:

www.rolloandbrad.com



ANDY MAYER ESTATE AUCTION

FRIDAY, NOVEMBER 27, 2020 Starting at 10:30 AM

Location: 7575 Converse Huff Rd., PLAIN CITY, OHIO 43064

TRACTORS-COMBINES AND HEADS SELLS FIRST AT 10:30 AM!

2014 JD 7210R MFWD w/duals, 4 remotes, auto steer, IVT Transmission, only 1401 hrs; '13 JD 7200R MFWD w/ duals, 1778 hrs, 46" rears, 38" front tires, 3 remotes; JD 8430 MFWD w/ Michelin duals all around , 2618 hrs, 4 remotes; **JD 8520** MFWD w/ new duals all around, 46" rear, 34" front tires, 4 remotes; '11 JD 9770 STS combine, 4wd, duals, ext unloading auger, 1693 eng/1120 sep hours, '04 JD 9770 STS combine w/ new engine, duals, folding extended unloading auger, 1962 eng/1425 sep hours; 2- JD 635 Draper heads; all wheel steer header cart; UM header cart; JD 608C corn head w/ poly; header cart; JD 310 backhoe; Bobcat S130 skid loader; manure fork, pallet fork, bale spear; JD HPX gator, gas;

MACHINERY

JD 1790 CCS planter, 12/24 vac w/ 350 monitor; JD 1770 NT corn planter 12-30, vac, 350 monitor; Blu-Jet 17 shank anhydrous applicator/DMI Raven controller, like new; JD 980 30' field cultivator w/drag; UM 1225 Rolling harrow,25', UM 1232 Rolling harrow 32', both w/ ext tongues; Great Plains 25' Turbo Max; JD 2700 7 shank disc chisel; Fast 9613N, pull type field sprayer 90' boom, 1350 gal; JD MX 10' rotary mower, blade; JD 2800 semi mt plow 9x16; JD 1350-1450 semi mt plow 5x16; Brillion 15 cultipacker w/S tines; old JD hay rake; Win Power PTO generator, 45KW

NEW CHEVY PICKUP, GRAIN EQUIPMENT, **TRAILERS**

2020 Chevy 2500 4wd pickup w/1018 miles, regular cab w/gooseneck ball, bought 1 month before Andy passed! J&M 1050 grain cart w/18" unloading auger; 2- J&M 750 gravity beds on heavy gears and concrete tires, brakes, lights; J&M 350 wagon on gears w/ roll tarp, lights; 2- J&M 250 gravity bed w/ gears; 2- hyd seed augers; 20' gooseneck flatbed trailer; Friesen steel dump trailer, 12' pull type; 6'x12' pull type trailer; old equipment trailer; 2–2500 gal poly tanks, 2000 gal poly cone tank, poly chemical dike(all inside); 2000 gal and 1000 gal EPA approved fuel tanks w/ elect pumps; 1000 gal steel fuel tank; 300 gal fuel tank;

OWNER: ANDREW B MAYER TRUST

Sherri Saleh Trustee **Terms: Cash or Good Check**

AUCTIONEER: JOHNNY REGULA 740-360-0203

For pics go to Auctionzip/johnnyregula or

LIVESTOCK EQUIPMENT

EBY 20'x 71/2 aluminum gooseneck livestock trailer new in '19! NH 195 manure spreader new in '18; NH 353 feed grinder w/ folding unloading auger; steel working chute; orange steer stuffer; 2 hay feeders on wheels; several steel and poly feeders; old Colby silage wagon; 20 big square bales straw; 1 big square bale hay;

COLLECTIBLE TRACTORS, WALKING PLOWS. OLD SIGNS!!

1970 JD 3020 HI Crop tractor, the 1st side console ever built!! A sharp show tractor! JD AO tractor, JD D on steel, AC C w/belly mower(all as-is); old JD Spitfire snowmobile, 2 JD hit and miss engines; 4- old walking plows; old JD pedal tractor; misc old JD parts including a few hoods and fronts: Hand corn shellers: potato seed cutter

Signs include- double sided John Deere Miller Implement neon in working order, this was an outside sign; Westinghouse neon, hanging New Idea outdoor w/light; GMC/Pontiac hanging sign w/light; Large Metal signs- 2 large JD 4 legged signs, King Edward Cigar, Super Crost, Lester Pfister Hybrids, Sohio, Wayne Feeds, AMF/Homelite, Atlas Tires and Batteries, Firestone, Master Mix; Stewart; Sherwin Williams Paints, Raigro- Producers Livestock Assn, **Smaller** Metal signs— Bo-Jac Hybrids, Lynks Seeds, Sieben Hybrids, Ill, NFO, Pepsi, Funks Hybrid, Hartford Insurance, Shur-Tone Feeds, Lewis Seed, Royster Fertilizer, Havoline, Red Crown Gasoline, DeLaval, Birds Eye Foods, others; Thermometers— Prestone, Camel cigarettes, Sun Crest pop, Men-don service baby chicks, Curlee Clothes, Farmers Savings and Trust Mansfield, O, The Farmers Fertilizer co Col, Oh; Shop Items include-Anvil 100 lb; Transfer pumps; misc hand tools; log chains; tires; hyd press; Metal band saw; Parts

AUCTIONEER'S NOTE: Andy was quite the collector! Several rare pieces in this auction. Tractors and machinery sell first at 10:30 sharp. May split rings after machinery. All this equipment has had the best of care and shedded. All hours listed were in Sept 2020 before the harvest.

Its an Honor to be asked to cry this auction for the Mayer Family. Cancer Sucks.

























TUESDAY, DECEMBER 8 • 10:30AM | KINSMAN, OH SMALL ITEMS!

FARM EQUIPMENT AUCTION

• (2) JD 9400 TRACTORS • JD 4850 • JD 4650 • FORD 5000 · FORD 655C BACKHOE · CAT TD 50 FORKLIFT · JD 9670 COMBINE · JD 608C · JD 635F · HEAD CARTS • GRAIN CART • (2) KINZE PLANTERS • 33' LANDOLL DISC · 45' JD CULTIVATOR · 46' BRILLION PACKER · OTHER TILLAGE · JD 4730 SPRAYER · AG CHEM FLOATER · SEED TENDERS · FERT TANKS · MACK SEMI · 34' EAST TRAILER · MISC FARM RELATED

AUCTION LOCATION: 9440 Kinsman Pymatuning Rd, Kinsman, OH 44428

ONLINE BIDDING AVAILABLE! VISIT OUR WEBSITE FOR DETAILS!

INSPECTION DATE: Sat, Dec 5 from 9am-3pm

OWNER: Wilson Family Farm, Dale R. Wilson • 330.240.9931

SALE MANAGER: Ritter Cox · 260.609.3306

#63198513759, #2004000057

800.451.2709 · www.SchraderAuction.com SCHRADER

Farmer Retirement Auction Friday, December 4, 2020 • 10:00 am EST

6 miles west of White Pigeon, Mich. on US 12 to S. River Rd., then south 2½ miles to Idlewild St., then west ½ mile to 12155 Idlewild St., White Pigeon, MI 49099

TRACTORS - SKIDLOADER - TILLAGE - MACHINERY









1992 John Deere Model 4760, MFWD cab tractor w/18.4x42" rear Firestones 16.9x28" Front Firestones. Full set of 20 front weights, 3 pt. Quick Attach, 4 hydraulic remotes, 1000 PTO, Serial #002233, rear bolt-on hub weights, 8305 hours before harvest, Powershift transmission

1994 John Deere Model 4560 2WD diesel cab tractor w/dual Firestone rear radials, 3 pt. Quick Attach, triple rear remote, 1000 PTO, Serial #004695, rear bolt-on hub weights, set of 10 hub weights, Powershift, 5609 hours before harvest, w/set of 10 JD front 43KG front weights

(2) 1972 John Deere 4320 D tractors with 18.4x38 Firestone radials, dual remotes, mostly original throughout and 1 with

Farmall Culti-Vision A w/rear weights, and Freeman Loader, SN:

Set of clamp-on 18.4-38 duals w/good rubber Like new set of Firestone radial Direct axle duals 18.4 x 38 on JD

rims and 1- HUB

2005 John Deere Model 270 series 2- 2 speed skid steer w/fully enclosed heat only cab, hydraulic power attach 84" JD factory materials bucket engine 2570 hours Quick Attach forklift skid loader attachment w/adjustable forks Welding and approximate 48" 2012 10,000 lb. capacity 14' long

trailer with ramps John Deere Model 2100 soil management system 5-shank 3 pt.

ripper Serial #000828 Glencoe Model FS7400 Soil Saver serial #2341, 11-shank

Glencoe 7-shank disc chisel Soil

Case IH Model 3950 23' Rockflex pull-type disc, hydraulic fold, new 24" blade rear hydraulic attachment, new bearings

2016 J & M Model TF212 26' double twist dual rear rolling basket harrow flex extendable tongue large rear baskets Wagon load of NOS John Deere tractor parts, some in original old boxes, to include top link, PTO covers and misc.

COMBINE - PLANTERS - GRAIN CART - MISCELLANEOUS

John Deere Model 1770NT notill 12-row corn planter, Serial #725220, w/Martin no-till row cleaners, cast row covers, 3-bushel hoppers and no-till coulters w/JD Computer-Trak 350 monitor and JD 1770 no-till control



John Deere Model 750 dolly wheel no-till grain drill, Serial #005780, 15' wide

Brillion 6-row Danish tine 3 pt. cultivator 2009 John Deere Model 9770 STS Bullet Rotor combine w/ Maurer bin extensions, rear wheel assist, GreenStar ready, dual 520/85R42 front rubber 28L-26 Rears, Serial #725604, 2239 engine hours and 1395 separator hours before harvest 2018 John Deere StarFire 6000 GPS guidance system (was on JD 9770 Combine)

John Deere Model 893 8-row narrow corn head, Serial #721020

E-Z Trail model 680 head cart John Deere Model 635F hydra flex grain head, Serial # 0756117,

35' grain platform head all new flex stainless bed Unverferth Model HT36 36' capacity header cart w/lights and extendable tongue

2012 J & M manufacturing Model 875-18 grain cart w/Digi-Star Model GT 460 scales, manual roll tarp, rear and unloading auger camera w/moniter screen John Deere Model 1518 6-row rotary stalk chopper, hydraulic fold



(4) 350 bushel J&M gravity wagons on semi tires (4) hay rack flat wagon gear only – (3) flat rack hay wagons John Deere 4-bottom 16" moldboard plow 75 hp 3 ph 4" centrifugal irrigation pump & another 6" pump only

Hesston stack mover for small stacks
300 gal. poly liquid tank – 700 gal. poly liquid tank Hiniker enclosed cab off a JD 4320

Brute 30 T hyd. log splitter on single axle trailer vertical or horizontal w/gas engine, like new Over 50 sheets of approx. 4x7' fiberglass sided plywood ¾'

(2) Steel hog castrating shoots 12' Alum. V-bottom fishing boat & Suzuki 4 hp and Johnson 6 hp outboard motors

GRAIN BINS - GRAIN LEG - DRYER - AUGER - FUEL TANK (2) Brock Gain bins: 36' 30,000 bu. & 36' 20,000 bu. with drying floor, fan, in good condition

18' Sweep unloading auger – 700 Bu/hr with (2) 6" distribution augers & 4-hole 6" distribution box

Farm Fans model 270 LP gas grain dryer 270 Bu/hour SN: 2765 (2) Feterl 10" PTO augers on single axle carriers, 62' & 42' long

Brock 2000 bu. wet bin w/60 degree hopper, (2) approx. 25' service augers with electric motors Older 36' 4-ring bin for parts, been through fire Like new, 2500 gal. stainless steel fuel tank with Fill-Rite metered pump



Sellers: Ron & Rhonda King

Nappanee, IN

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Authentic, Kentucky Derby winner, has been retired to a stud farm

LEXINGTON, Ky. (AP) - Authentic, winner of the Kentucky Derby and Breeders' Cup Classic, has been retired to stud.

The 3-year-old colt will stand at Spendthrift Farm in Lexington ext year for a breeding fee of \$75,000. The farm is owned by B. Wayne Hughes, who co-owns Authentic with MyRacehorse, Starlight Racing and Madaket Stables.

Authentic earned wire-to-wire victories in the Kentucky Derby in September and the \$6 million Classic recently at Keeneland. He is a favorite to win an Eclipse Award for 3-year-old of the year.

"Ultimately, we just felt there wasn't a lot more to accomplish for a Kentucky Derby and Breeders' Cup Classic winner, so we have made the decision to retire Authentic to stand alongside his champion sire Into Mischief," Ned Toffey, general manager at Spendthrift, said. "It is very rare that you come across a 3-year-old as well-bred, talented and accomplished as Authentic."

Trained by Bob Baffert, Authentic had six wins in eight starts and career earnings of \$6,191,200. His only losses this year came in the Santa Anita Derby and the Preakness, where he finished second both times.

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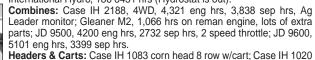
Jeff: 614/554-3402 Mark: 937/478-8431

TELL THEM YOU SAW THEIR AD IN Farm World

PETERS FARM EQUIPMENT LIQUIDATION & CONSIGNMENT AUCTION SATURDAY, NOVEMBER 28, 2020 - 9:00 AM LOCATED: 6675 RIDGE RD., ELIDA, OHIO 45807



Tractors: JD 8650, 4WD, 4,522 hrs, 3 remotes, 3 point quick hitch; JD 8630, 9,166 hrs, Quad Range, 3 hyd remotes, Big 1,000 rpm PTO w/small 1,000 adapter, 3pt quick hitch, Firestone tires 23.1-30; JD 4630, 10,703 hrs, Quad Range, 3 remotes, 3 point quick hitch, 1000 PTO; JD 4020, 11,496 hrs, new clutch & PTO clutch rebuilt fuel pump & starter; International Hydro, 186 8451 hrs (Hydrostat is out).



Headers & Carts: Case IH 1083 corn head 8 row w/cart; Case IH 1020 grain head w/cart; Gleaner 18' grain head, floating cutting bar; Gleaner 6/30" row corn head; JD 920 20' grain head; J&M 25' header cart; 2010 MacDon FD70 40' Flex Draper head w/rock guard & extra cutter bar; J&M 4WS15 header cart, 4 wheel steer (new).

Tillage Equip: Kuhn Krause Excelerator, 25' tillage tool; John Deere disc chisel, 11 shank; Case IH 2500 ripper, 6 shank; Kongskilde 3500, 35', bar; White 4 bottom plow, semi mounted; Glencoe chisel plow, 10 shank, painted John Deere green; John Deere 720 disc chisel plow; International 183 row cultivator, 9 row, 3 pt hitch; 700 rotary hoe; Kongskilde cultivator; John Deere 845 row cultivator, 13 row; John Deere 900 ripper, 7 shank. **Planting Equip:** Kinze 2600 corn & bean planter, bean & corn plates, no-till coulters, 1 spiked and smooth closing wheel; John Deere 7200 corn planter, Max Merge 2, vacuum planter, liquid fertilizer, 16 row.

Trucks: 1998 Mack Midliner CS 250P series, 161,125 miles; 2006 Volvo day cab VE D12-465, 484,018 miles; 2009 GMC 3500 4x4 Duramax w/J&J aluminum dump bed; 2000 International 4900 dump truck (3rd gear is out, dash gauges not working); 2002 International 9900i6X4 day cab, 931,996 miles; Peterbilt 379 sleeper cah 8 817 625 miles

Misc Equip: Bobcat 440B skid loader, gas; Purdy grain cart; Killbros 400 center dump gravity wagon w/John Deere running gear; Killbros 400 center dump gravity wagon w/John Deere running gear; JD 3420 Telehandler 2004, 4427hrs, 23' extension w/2.25C material bucket & manually attached pallet forks; HLA 4200 snow box blade 10' ends open to 16' blade; 2012 Kuhn 3pt seed & fertilizer spreader MDS 19.1 set up for hydraulic drive motor (comes with pto shaft also); Killbros 1200 grain cart; Swenson stainless steel salt spreader bed mount; Komatsu PC200LC-8 excavator (boom is bent), 5388 hrs; Dresser 6200LC excavator (needs engine); Hipower Systems generator on trailer 461 KVA 480/208v 555/1263A; Powerscreen 40' belt conveyor; MAC 26' 4 axle aluminum dump trailer.

Terms: All purchases must be paid for day of auction. All items sell AS IS WHERE IS. Accepted payment is cash, check w/ ID, and credit cards w/ 4% fee. Please check websites for updates: www.auctionzip.com ID: 47310 & 48184 or www.equipmentfacts.com for complete information and pictures of auction. Consignments are already committed for this auction. Our bidder list continues to grow of local, state, and national buyers. Early consignors can take advantage of National/Regional/Internet advertising and exposure. **This is only a partial listing. Many more items to be added as we are still taking consignments!** Auctioneers Note: Many of the items will be marked as the Peters Farm Liquidation. These items are part of a complete farmer retirement and will sell with NO minimum bid or reserve.

Bussey Brothers Auction Service LLC & Gilbert Slothour Auctioneer Auctioneers: Grant Bussey 937-564-6250 and Gilbert Slothour 567-712-1693 gbusseyauctioneer@privategarden.org







Fort Wayne Farm Show delayed

By Michele F. Mihaljevich **Indiana Correspondent**

FORT WAYNE, Ind. - The 32nd Fort Wayne Farm Show, originally scheduled for mid-January, has been postponed until March 9-11.

The change was made after additional restrictions were placed on crowd size in Allen County due to the coronavirus pandemic, said Fred Cline, a show director with Tradexpos, which produces the show. The county health commissioner has announced an event limit of 100 people due to an increase of confirmed COVID-19 cases in the community.

"We had been following the local health department and the Allen County War Memorial Coliseum," he explained. "(Coliseum officials) have been extremely informative and helping us. But as things have changed, it got to the point where we were looking more at safety issues as compared to dollars and cents."

A few weeks ago, Tradexpos submitted a plan that included taller side curtains for exhibitor booths and one-way aisles in an attempt to make the show safe for attendees and exhibitors, Cline said. Restrictions in place then would have put crowd size at no more than 3,000 in the building at a time. Past shows have drawn more than 30,000 over three days.

Attendee and exhibitor safety is the primary concern, he stated. Cline said the company's thinking has been, "Tradexpos will survive if we have to cancel a farm show, but what happens if one of our attendees doesn't?"

Many of the exhibitors who had already signed up for the Fort Wayne show are willing to make the transition to March, he noted, "The exhibitors are

anxious to get back in and do a show. There are some legitimate concerns, though. For equipment dealers, in January, they're doing some repairs and they're doing some preparation for the season. In March, they're doing a lot of it and are extremely busy."

Cline isn't sure what will happen if local and state restrictions are still in place in March. Any dates in April or May would probably be too close to planting season, he said. "The March dates are probably our last shot to have a show this year," Cline said.

At press time, two Kansas shows produced by Tradexpos - Mulvane, Dec. 3-5, and Topeka, Jan. 5-7 - are still on, he said. The March 2020 North American Farm & Power Show in Owatonna, Minn., was canceled.





OPEN HOUSE

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28TH ANNUAL SNOWBALL AUCTION

THURSDAY, DECEMBER 10TH* 9:00 A.M.

DSA AUCTION COMPLEX, 6531 S. ST. RD. 13 PENDLETON INDIANA

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LARGE PUBLIC AUCTION FRIDAY, DECEMBER 4, 2020 - 9:00 AM

Twenty Miles West of Indianapolis, Indiana, on Interstate 70 To State Road 39, (Exit 59)-Then ½ Mile South To Sale Site At:

Ted Everett Farm Equipment, 11998 N STATE RD 39, MONROVIA, IN 46157

ABSOLUTE AUCTION, EVERYTHING SELLS, NO CONSIGNMENTS

Three Auction Rings - Two Starting at 9:00 am

<u>First Ring:</u> Compact Tractors, Industrial, Farm Equipment

<u>Second Ring:</u> Golf Carts, Lawn & Garden, ATV's & Misc.

<u>Third Ring:</u> Starts at 12:30 pm <u>OUTSIDE</u> - Vehicles & Misc.

TRACTORS
JD 8650, 3PT PTO (AS IS) JD 8650, BAREBACK (AS IS) JD 8440, 3PT PTO JD 8300, MFWD, 10000 HRS JD 8110, MFWD, DUALS, FRONT FENDERS, 5720 HRS JD 7800, 2WD, PS, DUALS, 9065 HRS

JD 7600, 2WD, POWER QUAD, TRIMBLE AUTO GUIDANCE DUALS & WEIGHTS, 5500 HRS .ID 6300 W/ LDR. 2WD, (AS IS) JD 6200 W/ LDR, 4038 HRS JD 4630 W/LDR, QUAD RANGE JD 4430, CAB, LDR (AS IS) JD 4230 W/ 158 LDR, OPEN STATION JD 4115 W/ DECK, MFWD

JD 4040, OPEN STATION W/ CANOPY JD 4010, DSL, CANOPY JD 3038E W/ LDR, MFWD, 2000

JD 3020, WF, GAS JD 2305, MFWD, 800 HRS JD 2305 W/ DECK, MFWD, 750 JD 2210 W/ LDR & 62" DECK.

MEWD 1716 HRS C/IH MX200, MFWD, WEIGHTS, C/IH MX200, MFWD, 6781 HRS C/IH 7140, MFWD, FRT WEIGHTS, 3211 HRS C/IH 7140, MFWD, 6753 HRS C/IH MX180, FRONT HITCH, MFWD, NO DUALS, 7055 HRS C/IH 2294 CAB 2WD 3897 HRS C/IH 695 w/CAB, 4WD C/IH DX40 w/LDR, MFWD

C/IH CX100 w/CAB & LDR, MFWD C/IH 4230 w/CAB C/IH C80 AC 6080 w/CAB, 3300 HRS AC 5040 w/KELLY LDR AC 180 AC 170, GAS DUETZ ALLIS 9170, 5500 HRS DUETZ 5230 w/LDR, MFWD

(AS IS) FARMALL 80 w/CAB, 3773 HRS FARMALL 95 w/CAB & LDR, MFWD FARMALL 706, GAS, NF

FARMALL SUPER MDTA, WF, S/N 71259S FORD 1720, CAB, 4WD,

SNOWBLADE FORD 4000 IH 1586, DUAL PTO, 4511 HRS IH HYDRO 84 w/LDR IH 4166, 500 HRS ON RED POWER RERBUILD IH 986 IH 786, NEW TA & A/C KUBOTA M5-111, MFWD, CAB,

625 HRS KUBOTA M6-141, MFWD, CAB, 490 HRS KUBOTA M7060, MFWD, CAB,

610 HRS KUBOTA M7040 w/LA1153 LDR, MFWD, ROLL BAR, HYD SHUTTLE, 1341 HRS KUBOTA B8200 w/LDR, MFWD (AS IS)

KUBOTA B7300, MFWD, 1100 KUBOTA B2920 HST w/LA364 LDR & 60" DECK. MFWD.

161 HRS KUBOTA BX2350 KUBOTA BX2230 w/LDR & 60" DECK MEWD 225 HRS KUBOTA BX1860 w/LDR, MFWD KUBOTA L2500 w/LDR. MFWD KUBOTA L2350DT, MFWD, SOFT CAB. SNOWBI ADF MAHINDRA 2216 w/LDR, HST, MFWD, 750 HRS

NH TS6.130 w/LDR, MFWD, 570 HRS. S/N 01614M NH TM175, MFWD, TRIMBLE, 3485 HRS

NH TD80 w/LDR, MFWD, 1250 NH 8870 SUPER STEER, MFWD.

NH TS110 w/CAB, MFWD NH WORKMASTER 60, CANOPY. MFWD, 861 HRS NH TN70A, MFWD, ROLL BAR, SYNCHRO COMMAND, 4932

NH TZ18DA w/LDR, MFWD, 1054 HRS

SALVAGE

JD 4300 w/LDR, MFWD C/IH JX85 w/CAB, MFWD (BAD MOTOR)

CASE 2470 KUBOTA BX2350 JD A, S/N 456597 JD A, S/N 559115 JD D, S/N 142743 CONSTRUCTION

CASE SV300 SKID STEER, 2-SPD, HEAT/AIR, 797 HRS CAT 299D2 TRACK SKID STEER. 729 HRS CAT 259B3 SKID STEER, CAB, 72" BUCKET, 2-SPD, AC & HEAT, 2440 HRS

JD 324E SKID STEER, C/A/H, JD 323D SKID STEER, CAB, AIR, 1104 HRS BOBCAT 853 SKID STEER,

3009 HRS **BOBCAT 763 SKID STEER** KUBOTA SVL95-2 TRACK SKID STEER, 1640 HRS KUBOTA SVL90 TRACK SKID STEER, 2503 HRS

NH L234 SKID STEER, C/A/H, 2 HRS NH L223 SKID STEER, 1859 HRS NH LS180 SKID STEER JD 655 SERIES II TRACK LOADER, 3950 HRS CASE 721 WHEEL LOADER FIAT 545B WHEEL LOADER FIAT TL545 WHEEL LOADER CASE 580F TI B. 4X4 CASE 580B BACKHOE CASE 580C BACKHOE, 6417

JD 410G BACKHOE, 4X4. EXTEND A HOE, 6194 HRS CAT 304C CR EXCAVATOR, THUMB, 3213 HRS JD 770 GRADER CASE 360 TRENCHER (2) VERMEER RTX150 WALK BEHIND TRACK MACHINE TRENCHER BRADCO TREE GRABBER FOR

SKID STEER VERMEER SC30 WALK BEHIND STUMP GRINDER ON TRACKS OT 2500 ROLLER, 3', GAS SKY JACK SJII 3220 SCISSOR LIFT, ELECTRIC CONEQTEC AP450HD COLD

PLANER, SKID STEER ATTACH DIRT PAN, PULL TYPE, 1-YARD (2) BACKHOE BUCKET THUMB WOODS 1050 BACKHOE ATTACHMENT w/PUMP, 3PT LIBERTY BACKHOE w/PUMP, 3PT (5) QUICK ATTACH SKID STEER FORKS STOUT HD72-8 GRAPPLE JCB MATERIAL BUCKET JD MATERIAL BUCKET STOUT HD72 ROCK BUCKET JD 310E BUCKET, 24"

JD BACKHOE BUCKET, 24' JD 24" BUCKET BACKHOE BUCKET 60" BUCKET FOR TEREX TH644C **TELEHANDLER** BOBCAT BLADE, 7

COMBINES 2015 JD S670, 2WD, DUALS, 1178/716 HRS, S/N

SLF0776417 2014 JD S680 S SERIES, PREMIUM CAB, 1332/941 HRS, S/N SCD0765179 2014 JD S680, 2WD, 2630

DISPLAY, 1488/1025 HRS, S/N SPE0767423 2014 ID S680, 2WD, DHALS, 2630 DISPLAY, 1784/1262 HRS, S/N

SKE0766502 2014 JD S670, 2WD, POWER FOLD BIN, 2630 DISPLAY. DUALS, 1214/860 HRS, S/N STE0766507

2013 JD S680 S SERIES, 2WD, DUALS, 2040/1375 HRS, S/N SEC0755121 2013 JD S680 S SERIES, 2WD,

DUALS, 2487/1918 HRS, S/N SPD0755531 2012 JD S S660, 2WD, PREMIUM CAB, DUALS, 2364/1576 HRS, S/N STC0747270 JD 9670STS, 4WD, CONTOUR MASTER, CHOPPER.

3177/2106 HRS JD 9660STS, 2WD, CONTOUR MASTER, CHOPPER, 2500/1611 HRS, S/N S710511 JD 9660STS, 4WD, CONTOUR MASTER, DUALS, 4408/3071 HRS, S/N S707277 JD 9650STS, 3425 HRS, S/N

692503 JD 9600, 4400 HRS, S/N 672926 JD 9550, S/N 700576 JD 9500 WALKER. 2WD 5610/3865 HRS, S/N X655615

JD 9500, 2WD, MAURE EXTENSION, 6587/4263HRS, S/N 641583 JD 9500, S/N 635691 JD 9400 COMBINE, S/N X630813 JD 7720 TITAN II C/IH 2388, 3563/2621 HRS, S/N

C/IH 2388, 4532/3156 HRS, S/N 266462 C/IH 1660, S/N 016933 C/IH 1644, 4000 HRS

JJC0265967

GLEANER R62, CUMMINS MOTOR GLEANER M2

HEADS JD 930F GRAIN HEAD, 50 SERIES CONVERSION (3) JD 930F GRAIN HEAD JD 925F GRAIN HEAD, S/N 701768

(3) JD 925 GRAIN HEAD JD 922 GRAIN HEAD .ID 920F GRAIN HEAD (3) JD 920 GRAIN HEAD JD 915 GRAIN HEAD (AS IS) JD 635F GRAIN HEAD (2) JD 630F GRAIN HFAD JD 620F GRAIN HEAD, ONLY 2500 ACRES, S/N 735221 JD 220 FLEX GRAIN HEAD C/IH 2020 GRAIN HEAD, 303

C/IH 1020 GRAIN HEAD WAIR REEL, 20', S/N 224553 C/IH 1020 GRAIN HEAD 201 GLEANER 525 GRAIN HEAD GLEANER 315 GRAIN HEAD JD 612C CORN HEAD, STALK MASTER, S/N 775132 JD 612C CORN HEAD, S/N

C/IH 1020 GRAIN HEAD, 301

(2) C/IH 1020 GRAIN HEAD, 25'

JD 608C CORN HEAD, S/N 726615 JD 1222 CORN HEAD, 12-ROW,

(2) JD 893 CORN HEAD JD 843 CORN HEAD, LOW TIN JD 693 CORN HEAD JD 643 CORN HEAD, JD POLY (6) JD 643 CORN HEAD, LOW TIN JD 444 CORN HEAD C/IH 4408 CORN HEAD, S/N

YJH633264 (2) C/IH 3408 CORN HEAD C/IH 1083 CORN HEAD (2) C/IH 1063 CORN HEAD DRAGO CORN HEAD, 8-ROW,

S/N 002610 NH 98D CORN HEAD, 8-ROW, 30". HYD DECK PLATES GLEANER HUGGER CORN

GLEANER 630 HUGGER CORN HEAD GLEANER 436 CORN HEAD

PLANTERS & DRILLS NO TILL JD 7000 PLANTER, 12-ROW JD 7000 PLANTER, 6-ROW, LIQUID FERTILIZE

JD 7000 PLANTER, 4-ROW, 30" C/IH 900 PLANTER, 6-ROW IH CYCLO AIR 800 PLANTER, 6-ROW JD 5400 DRILL. 20 C/IH 5300 DRILL NEW TAR RIVER 7 GRAIN DRILL, NO TILL, 3PT OLIVER DRILL 10

LANDPRIDE NTS2507 SEEDER w/GRASS SEED, 7', 3PT LANDPRIDE OS1848 SEEDER, WINTER STEIGER PRECISION SEED CORN PLOT PLANTER,

TILLAGE GREAT PLAINS 1800 TURBO GREAT PLAINS 1800 TURBO CHOPPER SUNFLOWER 5535 FIELD CULTIVATOR, 35' SUNFLOWER FIELD

DMI TMII FIELD CULTIVATOR, 45' DMI FIELD CULTIVATOR, 30' MCFARLANE RD4035 RÉEL DISK, 35', 3-BAR SPIKE HARROW, SINGLE ROLLING BASKET

MCFARLAND RT2030 DISK REEL TILL, 30' C/IH 330VT, 24 UNVERFERTH 1225 ROLLING HARROW, 45'

C/IH 110 ROLLING BASKET, 45', S/N YBD055704 J&M TF215 ROLLING BASKET DMI 50' CRUMBLER (2) DMI 30' CRUMBLER GLENCOE SOIL SAVER, 11-SHANK GLENCOE SOIL SAVER,

9-SHANK BLU JET SUB TILLER w/CADDY, 7-SHANK JD 637 DISK, 29' JD 630 DISK C/IH 496 DISK, 32' C/IH 496 DISK, 30' (2) C/IH 496 DISK, 24'

C/IH 496 DISK, 22.5' (2) C/IH 496 DISK, 22' C/IH 490 DISK w/3-BAR COIL TINE HARROW, 25', 7.5" C/IH 490 DISK, 25'

KRAUSE 7300 DISK, ROCK FLEX. 21' FRONTIER 4' DISK, 3PT JD 2720 RIPPER, 7-SHANK LANDOLL 5-SHANK RIPPER, 3PT GLENCOE DISK CHISEL, 9-SHANK KRAUSE DISK CHISEL, 7-SHANK

C/IH 6500 CONSER TILL DISK CHISEL, 11-SHANK BRENT CPC-7, 7-SHANK, CHOPPER REEL DMI ANHYDROUS APPLICATOR, 11-KNIFE

5-SHANK ANHYDROUS APPLICATOR FERGUSON 2-ROW CULTIVATOR DUNHAM CULTIMULCHER, FOLD UP

(2) BRILLION X-FOLD PACKER, BRILLION WPW128 PACKER KRAUSE LANDSMAN 3121

MULCH FINISHER, 21' YETTER 3530-101 FOLDING ROTARY HOE, 30' JD 400 ROTARY HOE, 15 IH 181 ROTARY HOE, 15' WOODS DHH144T DISK HARROW, UNUSED DMI 3PT 9-SHANK V RIPPER

GRAIN CARTS & WAGONS J&M 875 GRAIN CART J&M 750 GRAIN CART KINZE 850 GRAIN CART w/TARP KINZE 840 GRAIN CART w/

WHITE 6X PLOW, AUTO SPRING

SCALE. KINZE 640 GRAIN CART BRENT 1080 GRAIN CART BRENT 674 GRAIN CART w/TARP FICKLIN CA9600 GRAIN CART

FICKLIN 1400 GRAIN CART w/ JD 500 GRAIN CART UNVERFERTH 4500 GRAIN

UNVERFERTH GRAIN CART HARVEST FLOW 590 GRAIN CART

BRENT 440 GRAVITY WAGON KILLBROS 250 GRAVITY WAGON PARKER 200 WAGON w/AUGER M&W LITTLE RED WAGON

HAY EQUIPMENT (2) SITREX DM8 DISK MOWER. 9', 3PT, UNUSED VERMEEER MC3300 DISKBINE, 10', PULL TYPE, 540 PTO JD 625 MOCO (3) NH H7230 HAYBINE NH 488 HAYBINE JD 260 DISK MOWER (AS IS)

CLAAS 6-WHEEL HAY TEDDER RHINO VR12 WHEEL RAKE. UNUSED NH 258 RAKE w/DOLLY WHEEL NH 256 RAKE w/DOLLY WHEEL NH 256 RAKE CLAAS LINER 650 HAY RAKE NI 4855 ROUND BALER NH BR740A SILAGE SPECIAL ROUND BALER, NET WRAP

KRONE ROUND BALER NH 570 SQUARE BALER TOP NOTCH 4'X 8' BALE GRINDER/SHREDDER, HYD DRIVEN, SKID STEER MT KUHNS 10-BALE ACCUMULATOR KUHN BALE GRABBER JD BALE SPEAR w/JD HOOK UP FRONTIER 3PT BALE SPEAR

WESTENDORF BALE SPEAR

HOELSCHER BALE GRABBER

ROTARY MOWERS JD HX15 BATWING, 540 PTO JD HX15 BATWING JD 1508 BATWING, 15' (2) BUSH HOG 12715 BATWING BUSH HOG 2815 BATWING WOODS 3180 BATWING, 15', 540 PTO (2) WOODS BW1800 BATWING,

WOODS BW180 BATWING, 15' WOODS TB158 BATWING, 12' WOODS 944 BATWING GROOMING MOWER (2) JD MX8 ROTARY MOWER,

JD LX5 ROTARY MOWER JD 613 ROTARY MOWER (AS IS) BUSH HOG ROTARY MOWER, 7 BUSH HOG ROTARY MOWER, 5', 3PT

WOODS BB72 ROTARY MOWER WOODS M72 ROTARY MOWER,

WOODS 72" ROTARY MOWER (3) BUSH HOG SQUEALER, 6' SIDEWINDER H&D7 MOWER. PULL TYPE, 7' KUBOTA 4' ROTARY MOWER (3) KING KUTTER ROTARY MOWER, 5'

BUSH HOG FINISH MOWER, WOODS FINISH MOWER, 5' KING CUTTER FINISH MOWER, 3PT. 60" LANDPRIDE DITCH BANK

OTHER EQUIPMENT BOOMS, PULL TYPE

MOWER

BESTWAY FIFI D PRO II SPRAYER, 60' BOOMS AG CHEM TRUCK BED SPRAYER, 50' BOOM, 1500 GAI

CENTURY 500-GAL SPRAYER, PULL-TYPE, 45' BOOMS FRIESEN 240 BWT SEED TENDER, TARP, CONVEYOR ADAMS FERTILIZE SPREADER, PULL TYPE, TANDEM AXLE,

GROUND DRIVEN HANDLAIR 600 GRAIN VAC WALLINGA GRAIN VAC ARTSWAY 500A GRINDER MIXER ARTSWAY ROLLER MILL w/

BI OWFR (2) KASTEN SILAGE WAGON NI 3609 MANURE SPREADER JD 350 MANURE SPREADER, PULL TYPE, CHAIN, SINGLE AXLE

H&S 310 MANURE SPREADER FORD MANURE SPREADER WESTFIELD 100-61 AUGER **BUEHLER 1031 AUGER** 8X51 AUGER WESTFIELD HOPPER AUGER,

WESTFIELD GRAVITY WAGON AUGER GRAVITY WAGON AUGER MC STALK CHOPPER

(4) SEED CORN BAG CONVEYOR STAINLESS STEEL SADDLE TANKS 1000 GAL STAINLESS STEEL TANK ON TRAILER CORN REEL FOR 6-ROW SET OF FORKS JD 740 LOADER C/IH LX232 LOADER OFF A JX85 KUBOTA LA301 LOADER BUSH HOG M546 LOADER IH 2000 LOADER

BIG OX HYD BLADE, 10', 3PT FRONTIER RB1210 HYD BLADE, 10' STEEL SNOW BLADE KFWANFE 209 BLADE, 9' WOODS 3PT BLADE, 6' KUBOTA FRONT BLADE. 5' WOODS GB48 BOX BLADE BOX BI ADE

GRADER BOX. 6' ABI GRADER SRB COMMAND

WOOD SPLITTER RYAN SOD CUTTER FRONTIER 400 PHD, 12" AUGER PASTURE ROLLER, 7 YARD ROLLER, 5' LANDPRIDE FDR2584 FLAIL MOWER 20' BOOM MOWER

JD 350 SICKLE BAR MOWER, 9' SICKLE BAR MOWER, 3PT BEEFCO TILLER, 4', 3PT REAR TINE TILLER KASCO SEEDER CUB CADET WALK BEHIND **SEEDER** 3PT SEEDER

SIMPLICITY LEAF VAC KB YARD VAC JD 52" BROOM 10' SALT SPREADER JD 54" SNOWBLOWER BOBCAT SB200 SNOWBLOWER **BOBCAT SNOWBLOWER** FRONTIER SNOWBLOWER (2) SNOWBLOWER (10) NEW HYPERIKON PLASMA

CUTTER w/PII OT ARC LOUIS BROS HOUSE WASHER. (10) FIRE EXTINGUISHERS HYD PUMP w/MOTOR JD TRANSFER PUMP (4) BRIGGS MOTOR, NEW JD CAT IV QUICK HITCH (5) CAT I QUICK HITCH

IH WEIGHT BRACKETS MISC WEIGHTS **VEHICLES** 2002 IH 9100I SEMI, AIR RIDE. 10-SPD, CUMMINS 1999 KENWORTH W900

DAYCAB, WET KIT, M-11 CUMMINS, 13-SPD, 1285500 MILES, PAPERWORK 1998 IH 9200 SEMI, CUMMINS, AIR RIDE 1994 IH 9200 SEMI, CUMMINS,

AIR RIDE 1990 VOLVO SEMI, DETROIT 2003 FORD EXPLORER 2006 FORD F5D FCOLINE 2011 TIMPTE HOPPER BOTTOM, 40', AIR RIDE

2016 LOAD MAX PINTLE HITCH TRAILER, 30', FLIP DOWN RAMPS 2008 LEDWELL LW48 HT2 TRAILER w/WINCH, HYD DECK. HYD DOVE TAIL

GOLF CARTS, ATVs & UTVs (9) 2015 EZ GO WORKHORSE GOLF CARTS, GAS

HILLSBORO GOOSENECK TRI

AXLE w/SIDES & LIFT, 16'

(2) 2014 YAMAHA ADVENTURER I UTILITY CART, GAS, FUEL INJ 2012 F7-GO WORKHORSE, GAS (20) 2011 EZ-GO WORKHORSE GOLF CARTS, GAS (2) 2011 YAMAHA ADVENTURER

II UTILITY CART, GAS 2009 EZ-GO WORKHORSE, GAS 2007 YAMAHA G-23 BEVERAGE CART, GAS (2) 2004 YAMAHA G21

BEVERAGE CART, GAS (4) ADVENTURER I ÚTILITY CART, GAS (5) YAMAHA G-23 UTILITY CART, GAS

(2) YAMAHA G-21 BEVERAGE CART, GAS CLUB CAR, ELECTRIC 2017 CAN AM MAVERICK MAX 1000R 2017 GENERAL UTV, DELUXE 2016 POLARIS RANGER

2011 KAWASAKI MULE 4010 2011 JD 825I, 725 HRS POLARIS RANGER 900, DSL, JD XUV825I, 317 HRS JD XUV825 GATOR JD TX GATOR, 118 HRS JD TS GATOR, 353 HRS JD 4X2 GATOR (3) KUBOTA RTV900 KUBOTA RTV500, 432 HRS BOBCAT 3400XL, VIN 2020006 (BOS)

CÚB CÁDET 550 UTV, 1283 HRS CLIR CADET LITY BAD BOY BUGGIE, ELECTRIC, ARTIC CAT 90 4-WHEELER HONDA 110 3-WHEELER

LAWN & GARDEN (2) JD Z920M ĴĎ Z915, 99 HRS

JD Z225 (AS IS) JD X750 JD X720, 62", 438 HRS JD X720, 664 HRS JD X590, 54", 331 HRS JD X585, 4WD, 60"

JD Z820, 60"

JD 7425, 48'

JD X485 JD X475, HYDRO (AS IS) JD X300 JD STX38, 46" JD LX280

JD LX277, 935 HRS, 48" JD LX255, 42 JD LT155, 38" JD LT155 JD LA145, 42", 450 HRS JD L110, 42'

JD GX345 JD GT225, 42" JD F925, 60" (AS IS) JD F1145 FRONT DECK MOWER JD F925

JD F687 Z TRAK, 60" JD F620, 54" JD D110, 42", 210 HRS JD D105, 38" JD 997 Z-TRAK, 750 HRS

JD F735, DSL, 60"

JD 797 JD 757, 450 HRS JD 430 JD 425, AWS, 60" JD 425, 60' JD 345

JD 325

JD 312 ARIENS MOWER, 42" **BOLENS** BAD BOY ZTR, DSL, 72" BUSH HOG PZ3061, 61" BUSH HOG 7TR (AS IS) CRAFTSMAN DYT4000 **CUB CADET PRO Z972**

CUB CADET PRO Z160S, 60", 81 HRS CUB CADET TANK LZ, 60", 104 HRS CUB CADET M60 TANK, 60" CUB CADET Z-FORCE, 60" CUB CADET Z FORCE, 48"

CUB CADET 3240, 54" CUB CADET 3204, 48" CUB CADET 2146 w/BAGGER CUB CADET LGTX1054, 54" CUB CADET LTX1050, 50" CUB CADET LTX1040, 42" (3) CUB CADET LT1042, 42" CUB CADET IT1018, 42"

CUB CADET RZT L54, 187 HRS **CUB CADET Z-TRAK** CUB CADET, 54" CUSHMAN FRONT MT (AS IS) DIXIE CHOPPER 3366 DIXIE CHOPPER CLASSIC

2760W, 60" DIXIE CHOPPER XW2203, 60" DIXIE CHOPPER DIXIE CHOPPER, DSL (AS IS) (2) EXMARK LZD ÉXMARK LAZER. 60" EXMARK, DSL, 60

EXMARK ZTR, 54' EXMARK QUEST, 50" EXMARK FFRRIS IS3200, 72" FERRIS IS3100, BIG BLOCK, 72" FERRIS IS2000, 60"

FERRIS IS1500Z, 48", 340 HRS FERRIS IS600Z (AS IS) FORD LGT16, DSL, 48", 603 HRS **GRASSHOPPER 618 FRONT** GRAVELY ZTR, 54 **GRAVELY** GREAT DANE (AS IS)

HUSKEE (AS IŠ) HUSQVARNA PZ72 HUSQVARNA 15-V2, 42" HUSQVARNA HUSTLER FAST TRAK, 891 HRS HUSTLER ZTR, 54" (AS IS) JACOBSEN WING MOWER, DSL KUBOTA ZD1511 (AS IS) KUBOTA ZD326, 60", 710 HRS KUBOTA ZD326, 60" KUBOTA 7D323 KUBOTA ZD28, 72 KUBOTA 7D21 KUBOTA ZG227, 60" KUBOTA ZG127S, 54", 391 HRS

KUBOTA ZG23

KUBOTA TG186, 54" KUBOTA GR2100 4+4, DSL, 54"

KUBOTA GR2100

POULAN PRO PUSH MOWER POULAN, 38" (AS IS) SCAG TIGER CUB, 61" SCAG TIGER CUB, 48", 521 HRS SCAG Z TIGER CUB, 48' SCAG FREEDOM SFZ48 SNAPPER 250Z, 42" SNAPPER ZTR TORO Z420, 42' TORO LX465, 42"

KUBOTA F3060, 72"

TORO 7TR TROY BILT COLT XP, 146 HRS TROY BILT SUPER BRONCO, 42" WHEEL HORSE 753 YARDMAN MTD, 42' YARDMAN, 42" JD JS20 WALK BEHIND (3) EXMARK TTX691 WALK BEHIND

SCAG WALK BEHIND, 52" SEVERAL PUSH MOWERS & MOWER DECKS

JR YOUNG ESTATE - WILL BE SOLD AT 11 AM JD 60, S/N 6019893 JD 60, S/N 6054016 JD R w/PONY MOTOR, S/N 19467 JD A, S/N 439626 JD A, S/N 640091

JD B. S/N 26189 JD B, S/N 268109 JD B, S/N 79553 AC WD FARMALL F20, S/N 48256 FARMALL H, S/N 298528 FARMALL M, S/N 90425 MASSEY HARRIS 44

JD 4X PLOW (2) JD 3X PLOW ÌH 3X PLOW (2) 2X PLOW ÀC PLANTER, 1-ROW LARGE AMOUNT HAND TOOLS & SHOP ITEMS - WILL BE

THE FOLLOWING FARMS
WILL BE SOLD AT 1 PM:
DAN SEARCY - PHONE (317)

SOLD AT 12:30

442-6915 JD 9330, 3241 HRS, S/N 3011629 JD 8330, MFWD, AUTO STEER, 4100 HRS, S/N 007010 CASE 1150 CRAWLER DOZER KOMATSU PC220 EXCAVATOR

C/IH 8120 COMBINE, 2500/1849 HRS, S/N 205181 C/IH 2162 DRAPER HEAD, 40'. S/N B21726818 GERRINGHOFF NS CORN HEAD, 8-ROW, 30", S/N 124830

UNVERFERTH 40' HEAD CART HEAD CART JD 1790 16/32 CCS PLANTER, PRECISION, LIQUID FERTILIZE, KEATON SEED FIRMERS, ROW SHUT OFF, S/N 720180

C/IH 183 CULTIVATOR, 16-ROW WII RICH 8X PI OW **BRENT 1080 GRAIN CART** GRAVITY WAGON C/IH MD8590 BALER w/ **ACCUMULATOR** JD 870A MANURE SPREADER JD CX15 BATWING 1999 FORD F350 w/FLAT BED.

DSL, AUTOMATIC, VIN E79741

KYLE BROWN -PHONE (765) 366-7352

JD S670, 1481/1057 HRS, S/N JD 2700 RIPPER, 7-SHANK ADS BST250 BUI TENDER UNVERFERTH 3750 SEED TENDER

(2) REM VRX GRAIN VAC

ÙŃVERFERTH 9250 GRAIN CART (2) GRAIN CART DMI GRAVITY WAGON M&W GRAVITY WAGON (2) GRAVITY WAGON FRONTIER WR1214C WHEEL

RAKE JD HX15 BATWING J&M TB6000 TRIALBLAZER HEAD CART WESTFIELD MK100-61 SWING

AWAY AUGER

MAYRATH 10" X 71' SWING AWAY (2) SWING AWAY AUGER SÉMI TRAILER, FLAT BED

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FEATURING:

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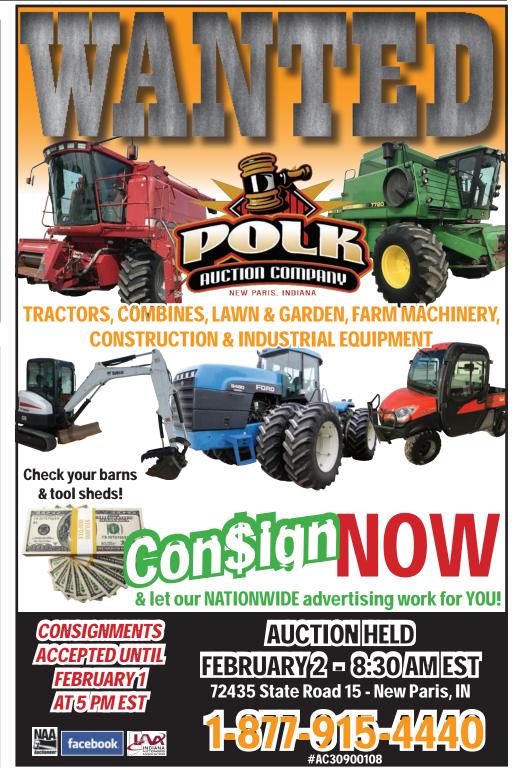
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'18 JD 1025R 4WD, Hydro, JD Ldr, JD 260B Hoe, Only 70 Hrs & Has Warran-

'16 JD 1026R, 4WD, w/Ldr & Backhoe '05 JD 5325 MFWD, JD 542 Ldr, 2808

'04 JD 5225 MFWD, JD 542 Ldr '03 JD 4610 4WD, Hydro, JD 460 Ldr, 1965 Hrs

'04 JD 7420 CAH, PQuad, LH Rev, 7417 Hrs

'82 JD 8640 Kinze Cummins Conversion, 3pt, PTO, w/Duals, Sharp Local Tractor!

'77 JD 8630 w/Duals, 3pt, PTO, 50 Series Engine

97 JD 7800 2WD, 16 Speed PQuad, w/ Duals

'97 JD 7800 2WD, Powershift, Duals, 5874 Hrs

'78 JD 4440 CAH, Quad, 9300 Hrs 80 JD 4240 CAH, Quad, w/Duals, One Owner

'76 JD 4630 CAH, Quad, w/Duals 73 JD 4630 CAH, Synchro, w/Duals '75 JD 4430 CAH, Quad, w/Duals, w/JD

725 Ldr '75 JD 4430 Powershift, Add on Cab 74 JD 4430 Quad, Hyd 4WD, Fender

Tractor, RARE Find and Original! '73 JD 4430 CAH, Quad, 7162 Hrs, Clean Tractor

73 JD 4230 CAH, Quad, w/JD 720 Ldr '75 JD 4030 Gas, Quad, w/JD 58 Ldr & Forks, 1 of Only 100 Built!

'74 JD 4030 Diesel, Quad, Fender Tractor

90 JD 2155 2WD, 5379 One Owner Hrs

'85 JD 2750 2WD, Utility

'85 JD 950 4WD, Sharp & Low Hrs

'83 JD 850 2WD, Clean! '79 JD 2440 2WD, Utility, w/146 Ldr &

Grapple 77 JD 2440 2WD, Utility, w/146 Ldr '72 JD 4320 Cab, Synchro, w/Combine

72 JD 4020 Diesel, Synchro, Sharp Original

'71 JD 4020 Diesel, Synchro, Roll Bar Cab w/AC

'67 JD 4020 Diesel, Synchro, Straight! '72 JD 3020 Diesel, Powershift, Roll Bar, Nice!

71 JD 4000 Gas, Synchro, 1 of Only 290 Built!

'66 JD 3020 Diesel, Synchro, NF, Low

66 JD 2510 Diesel, Syncro, NF, w/A20 2 Row Cultivators, Nice & Hard to

'57 JD 420U, 5 Speed w/Reverser, One Owner & Always Been Yellow, Nice! 96 CIH 8920 MFWD, Powershift, 42" & Duals, 4847 Hrs, 2 PTOs

96 CIH 8920 2WD, Powershift, 42" & Duals, 4480 Hrs, 2 PTOs '76 IH 1066 Cab w/AC, Black Stripe,

71 IH 1466 Fender Tractor, 5047 Hrs 71 IH 966 White Cab w/AC, Nice as

They Come! 73 IH 966 Fender Tractor, Hydro, Nice! 82 IH 784 2WD, Utility, w/2250 Ldr

'68 IH 756 Gas, wfe, Original, Clean '54 IH C Older Restoration, 2pt 53 IH Super M

'80 Versatile 555, V8, 3pt, PTO, w/Duals, Nice!

'12 NH Boomer 3040, CAH, 4WD, Hydro, NH Ldr, 1400 Hrs, Clean Outfit! '07 NH TT70A 2WD, Only 178 One Owner Hrs!

'94 Ford 7740 2WD, CAH, SLE, Good Tractor!

'88 Ford 6610 II, 2WD, w/Ldr, Very Nice,

'75 Ford 7600 Utility, w/Ldr, Dual Power '74 Ford 3600 Diesel, 3115 Hrs, Very Nice

'80 Ford FW-60, 4WD

'58 Ford 860, 5 Speed, Power Steering '49 Ford 8N, Runs Great!

'53 Ford Major, Diesel, w Ldr & Back-

'94 Farmtrac 555 2WD, 377 Hrs '16 Kubota M6060 CAH, 4WD, Kubota LA1154 Ldr & 6' Woods Brush Bull Mower, Very Low Hrs but Train Wrecked & Damaged, Sold As Is

'16 Kubota L3940, 4WD, Gear Drive w/ Reverser, w/Kubota LA724 Ldr, 2014 Hrs Very Nice

'94 Kubota B1750 4WD, Hydro, w/Ldr '01 MF 1240 4WD, Reverser, w/Bush Hog Finish Mower, Only 382 Hrs, Sharp!

'58 Ferguson 35

(2) '60 Ferguson 40

93 Agco AC 5675, 2WD, 1688 Hrs, Like New

'74 AC 185 Diesel, 4081 Hrs, Sharp! '71 AC 210 Diesel, 125 Hrs on Overhaul, Fenders, Rare Tractor! '60 AC D12, 3pt, Hard to Find! '60 AC D10, w/2 Row Cultivators, Hard to Find!

'54 AC C '70 Case 970 Diesel, 8 Speed Dual Range

'48 Minn Moline BF w/Plow

INDUSTRIAL

'04 JD Payloader, 6985 Hrs, One Owner Local Municipality Machine, w/2.5 Yard Hydraulic Clam Bucket, Excellent Machine!

'04 Case 580 Super M Series II Backhoe, 4WD, Cab w/Heat, Extend a Hoe, QT Hoe Bucket, 4102 Hrs, Clean Original Machine

'10 Cat 299C Track Skid Steer, Cab, 2 Speed, New Cutting Edge on Cat Bucket, 3520 Hrs, Good Machine! '03 Bobcat 773 Skid Steer, Cab w/Heat,

2400 Hrs, Nice Machine '91 Bobcat 743 B Skid Steer, 5700 Hrs, Kubota Diesel, Operates Well

'90 NH LX665 Skid Steer '88 Case 586E Forklift, Excellent 2WD Original Low Hour Machine

78 JD 310 Backhoe, Diesel, ROPS. Good Older 2WD Farmer Hoe Vermeer Trench Compactor, Tilts, Vibrates, Tow Behind & Self Propelled '69 Case 580B Backhoe, Diesel

COMBINES & HEADS

'09 JD 9570 STS 2WD, Contour Master, 30.5x32, Chopper, Bin Ext, 1300/844 Hrs, Cameras, Sharp Local Farm Closeout Machine!

'12 JD 620F Grain Platform, < 2500

'10 JD 606C Corn Head, < 2500 Total '04 JD 9650 STS 2WD, Duals, Bin Extensions, 3200/2400 Hrs '93 JD 9500 2WD, Chopper, 30.5x32,

4100/3400 '80 JD 7720 2WD, Chopper, 30.5x32,

4500 Hrs (2) JD 925F Grain Platforms

(2) JD 643 LTOB Corn Heads (4) Head Carts from 20'-30'

96 CIH 2166 Combine, 2WD, Duals, 4404 Hrs (2) CIH 1063 Corn Heads

'80 MF 550 Combine w/Grain Head

PLANTERS & DRILLS

'94 Kinze 2600 Twist & Turn 8/15 Planter, 26" Corn, 18" Bean, Monitor,

JD 7000 6R 30" Planter, No-Till, Liquid ID 7000 6R 30" Planter, No-Till, Liquid Precision, Local Loaded Test Plot Planter, Comes w/all the Equipment Imaginable

JD 7000 6R 30" Planter, Liquid JD 7000 8R 30" Front Fold Planter, Liquid, No-Till

JD 7000 8R 30" End Transport Planter JD 2 Row 3pt Planter w/#71 Ground

Driven Units, Nice JD 8300 Grain Drill CIH 5100 Grain Drill

(2) Great Plains 15' No-Till Drills JD Van Brunt Drill Jacobsen 3pt 5' Slicer Overseeder Drill, Nice!

AC 2 Row P Pull Type Planter MF33 Grain Drill, Nice Oliver Grain Drill

Olathe 3pt 5' Overseeder Drill TILLAGE

'09 Great Plains 1800 Series 2 Turbo Till, 18' Hydraulic Fold, Rolling Basket, One Owner

'08 Great Plains Turbo Till, 30', Good Shape

CIH Tigermate 200 Field Cultivator, 26'

DMI Tigermate II Field Cultivator, 24'6" Wilrich 3400 42' Field Cultivator (2) IH 4600 Field Cultivators, 24 Krause 4100 18' Field Cultivator JD 400 30' Flatfold Hoe, New Wheels CIH 183 12R 30" Cultivator JD 85, 12R 30" Cultivator JD 230 Disc, 25' JD 220 Disc, 21' Brillion 15' Mulcher, Nice (2) IH 475 Discs, 21' ÌH 490 Disc, 21' JD KBA Disc, 3pt, 5' 3pt Heavy Duty Disc, 5' Miller 11' Offset Disc, 2 Bar Great Plains 9x Disc Chisel Landoll 9x Disc Chisel CIH 6650, 13x Disc Chisel CIH 6500 9x Disc Chisel, Harrow, Nice! Glencoe 7x Disc Chisel Brillion 5x Disc Chisel, Like New! Krause 8x Disc Chisel Brent 5x CPC Disc Ripper, Nice! JD 724 Soil Finisher, 28', Good! JD 4x Pull Plow, Nice JD 2x Pull Plow, Nice

TRUCKS & TRAILERS

'98 Mack C90, 10 Speed, Aluminum Wheels, 2600 Gallon Poly Tank w/PTO Pump, Very Nice Local Truck Freightliner DayCab Semi, Local Farm Truck, Low Miles, Steel 40' Hopper Bottom Grain Trailer Double Drop Semi Trailer

'89 Ford F350, 14' Flatbed '81 GMC C70 Grain Truck, Detroit 8.2L Diesel, 20' Omaha Grain Bed & Hoist '75 Ford F350, 1 Ton, 12' Grain Bed &

'72 GMC 9500 Tandem Grain Truck '69 Chevy C30, 1 Ton, 10' Grain Bed & Hoist

'67 Ford F600, 13' Bed

MISC. FARM EQUIPMENT

Unverferth 5000 Grain Cart, 500 Bushel, Corner Auger, Knobby Tires, Tarp, One Owner & Very Low Use, Like

Brent 772 Grain Cart, New Lower Auger Killbros 475 Grain Cart, Side Auger,

Parker 625 Gravity Wagon, Brakes, Nice

DMI 470 Gravity Wagon (2) DMI 350 Bu Wagons, Nice (2) EZ Trail Wagons Killbros 385 Gravity Wagon Killbros 375 Gravity Wagon (2) M&W Double Door Gravity Wagons M&W Double Door Gravity Wagon Parker 2600 Gravity Wagon Hardi Tall Wheeled Sprayer, w/90' Booms, Controls, Nice Machine! '10 MF DM306-P 10' Discbine JD 566 Round Baler w/Net Wrap Claas Roll Up 34 Round Baler Westendorf WL42 Ldr w/Bkt & Forks (4430)Bush Hog 2615 Batwing Mower

JD Mx6 Rotary Mower JD 709 Rotary Mower New Rhino TW16, 6' Rotary Mower JD 5' Rototiller Woods 5' Rototiller Frontier 5' Rototiller 3pt Tomato Setter 3pt Mulch w/Plastic Roller New Holland 256 Hay Rake, Nice! New Holland 258 Hay Rake, Hydraulic JD 662 Hay Rake JD 64 Hay Rake JD 400 20' Hydraulic Fold Rotary Hoe JD 400 15' Rotary Hoe Ford 515 Sickle Bar, 9', Very Nice! New Holland 472 Haybine, 7' JD 127 Pull Type Rotary Mower New Heavy Duty 5' Skid Steer Rotary Mower New Skid Steer Hydraulic Snow Blade

JD 115 Grader Blade New Skid Steer Grapple Bucket JD 155 Grader Blade, 9' Hydraulic Approx. 30 Gravity Wagons New Holland 276 Wire Tie Baler New Holland 851 Round Baler IH 1150 Grinder Mixer, Nice Arts Way 320 Grinder Mixer JD 825l Gator, 4WD JD TS Gator, Electric Lift, Sharp JD 455 Diesel, Lawn Tractor w/60" Deck

5887 N 500 W THORNTOWN, IN 46071

Located at the junction of US 52 and SR 47, just south of the Dairy Queen; 2 miles east of Thorntown; 6 miles north of Lebanon: 30 miles northwest of Indianapolis; 27 miles southeast of Lafayette.











AUCTIONEER: JEREMY EDWARDS, Crawfordsville, IN - AU#09100129 TERMS OF SALE: Cash or good check

with full settlement day of sale LIVE ONLINE proxibid

Details, Pictures, and Pre-Registration for Internet Bidding at www.collinseq.com

AUCTIONEER'S NOTE: Once again a LARGE sale with good used farm equipment coming in daily. Several local farm closeouts expected. All items sell as is, where is. Loader tractors and loading dock available for your convenience. Not responsible for no-show items. Items listed at time of printing are only a partial listing. LOTS MORE EXPECTED! Consignments taken until Wednesday, Dec. 9th @ 5:00PM. Items are to be removed

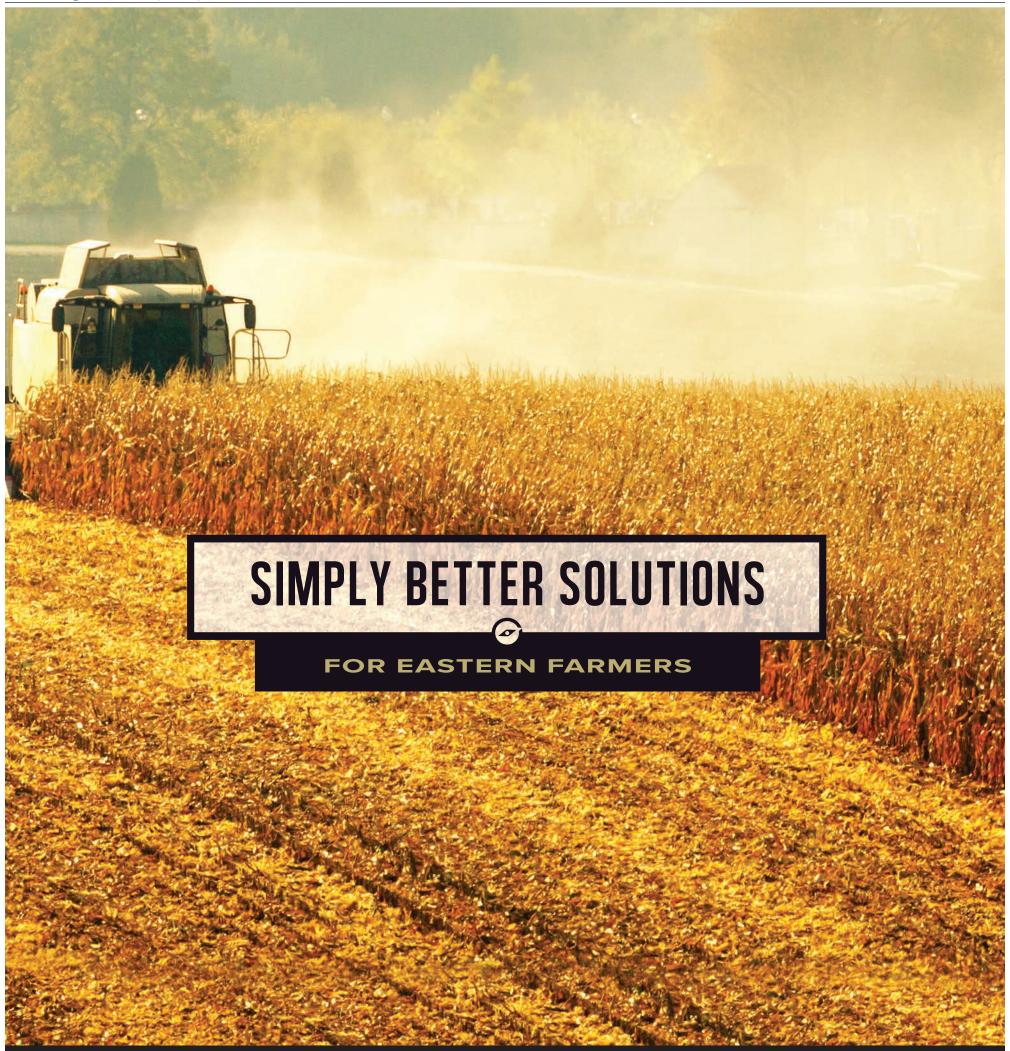
within 60 days. No exceptions. Any items left after 60 days become property of lot owner unless other arrangements are made and agreed upon. Take note of sale order: 15 to 20 minutes of misc. farm items, then on to farm equipment where tractors will be mixed in with farm equipment lines throughout the day.

COVID PRECAUTIONS:

Masks are required on premises and attendees are expected to maintain social distancing.

> **CALL CHRIS COLLINS FOR MORE DETAILS 765-436-7300**

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