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# USDA Outlook Forum sees bright spots on the agriculture horizon

BY RACHEL LANE  
DC Correspondent

WASHINGTON, D.C. — From long-term to short-term, the USDA Agriculture Outlook Forum focused on the future of agriculture in the US and globally.

It was attended by about 1,600 people from around the world, from farmers to researchers to policy makers. As always, the forum focused on the coming year for agriculture commodities. USDA Chief Economist Robert Johansson said there are not expected to be any large changes in the harvests or prices of most major US crops.

Right now, the primary concern for the global economy is the impact of the coronavirus, but the markets are expected to recover, he said.

Ted McKinney, USDA Trade Undersecretary, said the virus has distracted China from fulfilling the obligations outlined in the first phase of the China-US deal announced in January. He expects that, once the virus is contained, the purchases of US agriculture products will begin, hopefully sometime this spring.

One of the biggest changes predicted is an increase in animal proteins being sent to China. The African Swine Fever in that country has killed more pigs than the rest of the world exports, Johansson said. As a result, China is going to import as much pork as possible from all countries. The US and the EU will likely see the biggest increase in pork sales to China. Prices of pork spiked more than 200 percent in 2019 and that is expected to continue.

It will not be enough to fill the need, he added. Instead, the Chinese people are going to need to rely on other animal protein sources. These additional sales are expected to strengthen the market for poultry and beef and raise prices. Steer and dairy have seen a slight increase in prices. Poultry is down slightly.

At the end of 2019, the Chinese government lifted a ban of US poultry

that was put in place as a result of the 2014 Bird Flu outbreak. McKinney said the need for more protein likely played a part in why the Chinese finally lifted the ban.

"We talk to private companies in China," McKinney said. "I don't think they're misleading us when they say they value US products."

He said the market is strong, not just for animal protein but other US products.

While US animal protein is expected to do well in the coming year, corn is expected to decline 25 cents per bushel. Soy will be up slightly. Cotton is low now, but a return of normal trading with China might cause an increase in the market price.

In 2019, with record rain falls in parts of the country, flooding prevented the planting of almost 30 million acres of farm land. The prevent-planting and trade tensions caused farmer sentiment to be low, but the announcement of an agriculture trade deal with China triggered new optimism in farmers according to surveys, Johansson said.

Debt-to-asset ration remains low, but it is the highest seen in the US since 2003. Farm bankruptcy remains low, but is up a little. Many states remain near a 10-year average bankruptcy rate, but some states are experiencing higher bankruptcy rates.

"The farm balance sheet remains tight for farms without enough land equity," he said.

While it has been raining in recent weeks, Johansson said he thinks weather will be better in 2020 and the number of planted acres is expected to be higher than last year as a result.

Dairy is facing structural reforms across the industry. There are fewer small operations, but more larger farms. The production cost for milk is usually higher than the value of milk. As a result, there has been consolidation, he said. Milk production is expected to grow about 13 percent in the next 10 years.

The detailed outlooks for each major US commodity can be found on the USDA website.



**Above:** The bison at Ouabache State Park, Wells County, Indiana, do not seem to mind the single-digit temperatures two weeks ago. Photo by Leondia Walchle

# FFA membership at all-time high

BY MICHELE F. MIHALJEVICH  
Indiana Correspondent

INDIANAPOLIS — The Future Farmers of America – now known as the National FFA Organization – was founded in 1928 by young farmers with the goal of preparing "future generations for the challenges of feeding a growing population," according to the group's website.

Decades later, FFA has more than 700,000 members in the 50 states, Puerto Rico and the U.S. Virgin Islands. There are more than 8,600 local chapters. The organization is in 24 of the country's top 25 largest cities and opened a chapter in Washington, D.C., last year.

The name change in 1988 was done to better reflect the growing diversity in agriculture, the group said. FFA has evolved as agriculture-related careers have become more varied, noted Kristy Meyer, FFA communications manager. "As agriculture has changed, so has agricultural education. We're working to meet the needs of students and the industry. There are a lot of pathways for jobs in the agriculture industry with FFA. There are so many careers out there. The agriculture pathway is pretty diverse. There are members who might be looking in the general field of agriculture, but not necessarily in production agriculture."

FFA's mission is leadership, personal growth and career success, she explained. "We help members prepare for more than 250 careers in agriculture. It's not just simply production agriculture. Career

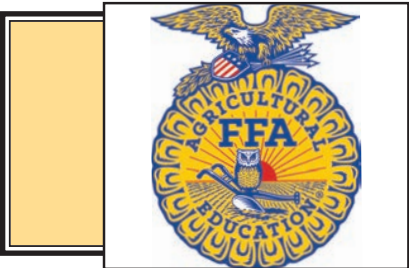
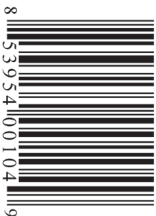


choices range from biotechnology to food science, wildlife management, agri-business and veterinary science. Members learn leadership skills that will go with them through their lives."

In order to host a chapter, schools must offer agriculture education classes such as animal sciences or an introduction to agriculture, Meyer said. Membership is at an all-time high.

"There's an increased interest in where food comes from," she pointed out. "In agriculture-related careers, there's a lot of science and technology involved. Our students get hands-on experience, much more than sitting in a classroom listening. FFA provides the opportunity to have

( FFA continued on page 3)



IN RECOGNITION OF  
NATIONAL FFA WEEK  
FEBRUARY 22-29



**IN THIS FARM WORLD:**

- After 2020 positive trend in ag tractor sales forecasted. . . . . Page 1B
- A twist on normal apple pie desserts . . . . . Page 2



# A twist on normal apple pie desserts

Need a dessert that is not only delicious but easy to make? Try this recipe for Cinnamon-Apple Crostata. You'll have a hard time waiting to sink your teeth in to the flaky crust with a burst of cinnamon and apples. Find more delicious dessert recipes at Culinary.net.

### CINNAMON-APPLE CROSTATATA

Pie Pastry (we used Pillsbury Refrigerated Pie Crusts)  
Filling  
1/2 cup sugar  
4 tsp. cornstarch  
2 tsp. cinnamon  
4 cups peeled and thinly sliced apples (4-5 medium sized)  
1 tsp. sugar (for sprinkling)  
2 tbs. chopped pecans  
Heat oven to 450°.  
In medium bowl mix together 1/2 cup sugar, cornstarch and cinnamon. Stir in peeled and sliced apples until well combined.  
Place flattened pie crust on an ungreased cookie or pizza sheet.



Spoon apple mixture onto the center of the crust, spreading the mixture to about 2 inches from the edge of the crust.  
Fold crust over mixture, pleating along the way.  
Brush edges of crust with water.  
Sprinkle sugar over crust and apple mixture.  
Bake for 15-20 minutes or until crust is a golden brown.  
Sprinkle pecans over apple mixture.  
Serve with a dollop of whipped cream.  
Recipe adapted from Pillsbury.

(Culinary.net) While apple pie is a traditional seasonal dish, you can add unique flavor with this skillet version. Simply toss Honeycrisp apples with brown sugar, cinnamon and lemon juice then spoon between two pie crusts simmering in a thin layer of brown sugar and cinnamon then drizzle with caramel sauce for a deliciously gooey evening treat.  
Find more dessert recipes at Culinary.net.

### SKILLET APPLE PIE WITH CARAMEL SAUCE

4 large Honeycrisp apples, peeled, cored and sliced  
1/4 cup sugar  
1 1/2 tablespoons cinnamon, divided  
1 tablespoon lemon juice  
6 tablespoons butter  
1/4 cup, plus 2 teaspoons, brown

sugar  
2 refrigerated pie crusts  
2 teaspoons whipping cream  
caramel sauce  
  
Heat oven to 350 F.  
In large bowl, combine apples, sugar, 1 tablespoon cinnamon and lemon juice until apples are covered. Set aside.  
In oven-safe, 10-inch nonstick skillet, melt butter. Add 1/4 cup brown sugar and remaining cinnamon; mix until combined. Boil 5-8 minutes.  
In same skillet, place one pie crust over brown sugar mixture. Pour apples over pie crust. Cover apples with second pie crust. Cut slits in top to release steam. Brush whipping cream over crust. Sprinkle with remaining brown sugar.  
Bake 35-45 minutes until crust is golden brown.  
Drizzle with caramel sauce.





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# Michigan tomato farmer was honored by Red Gold

BY KEVIN WALKER  
Michigan Coorespondent

UNION CITY, Mich. — The tomato processor Red Gold, Inc. has given its E.A. Reichart Quality Achievement Award this year to AcMoody Farms.

AcMoody Farms, which operates tomato growing operations in Union City, Coldwater, Mich. and elsewhere in the southwest Michigan area, received the award earlier in February. It's the second time this company, owned and run by Brian and Vern AcMoody, has received the award. AcMoody Farms was one of seven growers in the Red Gold family of growers to win the Red Gold Master Grower award from the company. The E.A. Reichart award is given to one of those seven growers each year. Red Gold currently has 43 growers that produce tomatoes for the company.

"We have three criteria for the award: Quality of production, professionalism, and industry leadership. It's really the whole package," said Red Gold's Senior Director of Agriculture Steve Smith.

Smith said the E.A. Reichart Quality Achievement Award is given to the best of the Master Grower winners. All of the tomatoes grown for Red Gold are for processing, Smith explained. These are Roma type tomatoes. Other kinds of tomatoes, such as Beefsteak, do not hold up well to machine harvesting; those tomatoes are used for the "fresh market."

Co-owner of AcMoody Farms Brian AcMoody said he was honored to be chosen for the award this year.

"It's certainly a very nice thing to be

picked out of 43 growers, 43 very professional growers in our grower group," he said. "It's very humbling, it's an honor."

"My mom and dad started this farm and I feel we are kind of an extension of them. I also feel that we and the other growers are kind of an extension of Ernie and Fran Reichart, who started Red Gold during World War II."

According to an announcement from the company, Red Gold started in 1942 after the federal government called on everyone to do what they could to aid in the war effort. Since then, Red Gold has become the largest privately-owned tomato processor in the nation, with three facilities: one each in Elwood, Geneva and Orestes, Ind. The company also has a million square foot distribution center in Alexandria, Ind. and operates the RG Transport trucking company out of Elwood. The Red Gold brand can usually be seen on grocery store shelves.

According to AcMoody, the challenges facing tomato growers are much the same as for growers of other crops, namely weather and insect pests. Tomato growers have no genetically modified plants to help with weather and disease challenges, he said. However, at AcMoody Farms at least, all fields are irrigated, so having enough water isn't a problem. The issue with too much rain is that it's a great environment for insect pests. On the other hand, hot dry weather keeps the pests down.

"Give us 85, 86, 87 degrees every day," AcMoody said with a chuckle. "Give us a lot of sunshine and dry weather and we're doing okay."

( Tomato continued on page 14)

## FFA

FROM PAGE 1

a sense of belonging. FFA provides leadership and the opportunity to learn skills such as public speaking. They're learning skills that make them more marketable."

Members may make use of a website – <https://agexplorer.com/> – to help find their career interests and what classes might be needed to help them achieve their career goals.

Many FFA members are recognized by their familiar blue corduroy jackets, but not all members can afford to purchase them, Meyer said. For those who can't, the organization's Give the Gift of Blue ([www.ffa.org/giveblue/](http://www.ffa.org/giveblue/)) program offers members the opportunity

to apply to receive one.

As a part of the application process, students write about what having a jacket would mean to them, she stated. The organization plans to award the 10,000<sup>th</sup> jacket during National FFA Week (Feb. 22-29).

National FFA Week was created in 1948 in recognition of George Washington's legacy as an agriculturalist and farmer, the organization said. During the week, FFA members share agriculture with classmates and their communities. Various chapters are participating in service projects such as packing meals for local food pantries, making blankets and pillows for a county social services agency and recording stories from senior citizens about their roles in agriculture.

For more information on FFA, visit [www.ffa.org](http://www.ffa.org).

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# Ohio early innovation in growing FFA

BY DOUG GRAVES  
Ohio Correspondent

COLUMBUS, Ohio — Post-World War I America and her people were ready for progress in the late teens. The war effort had been as intense on the home front as on the front lines. Every American felt the effects of the battle for freedom, and was ready to work for a better day.

The war effort of World War I created a need for more and better food production, improvement in the building trades and a strengthening of family life. This lead to the passage of the Smith-Hughes Act by Congress on Feb.23, 1917. This act provided for vocational training in public schools in the areas of agriculture, home



economics and the building trades. As the nation's first vocational education legislation, Senators Hoke Smith and Dudley Hughes recognized and funded vocational agriculture courses in secondary schools. Section 10 of the Smith-Hughes act reads, "that such schools shall provide for directed or supervised practice in agriculture, either on a farm provided for by the school or other farm, for at least six months per year."

Soon after the establishment of Vocational Agriculture in 1918, it became apparent that youth activities were to become a part of the program. Groups organized under various names, all over the Nation. Some became quite active and were organized at area and state. One group – "Future Farmers of Virginia", was especially

**Left:** Students are responsible for all aspects of the growth of their plants in the Greenhouse Management class, including planting, fertilization, and managing water, temperature, and light requirements. (photo submitted)



**Above:** Students participating in scouting for their school farm test plot. Students coordinate a 37-acre test plot each year and observe the progress of the crop at various scoutings throughout the growing season. (photo submitted)

well organized and instrumental in organizing FFA on a National basis.

Dean Alford Vivian, Dean of the College of Agriculture at The Ohio State University, was interested in the new program and was instrumental in getting it established in Ohio. He persuaded Wilber F. Stewart of Wisconsin to come to The Ohio State University and implement it as supervisor and teacher-trainer. Dr. Stewart was very effective in setting up a quality program and in 1921 became chairman of the teacher education department. Ray Fife, his assistant, became head state supervisor.

Vocational Agriculture enjoyed

great acceptance from schools and communities from the very beginning. The new educational concept of "Learning by Doing" was practical and effective. The teachers' interest and participation in the activities of the community were appreciated. The "Ag Room" soon became a popular place in the community and the program grew.

Ohio was an early innovator. The first-ever Vocational Agriculture chapters in Ohio were created on April 20, 1929. They included: Fayette, Paulding, Versailles, New Bremen, Hebron, Worthington, Bellefontaine, Painesville, Harmony Township, (FFA continued on page 5)





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(L) '15 CIH PATRIOT 4440, Stock #100140, 551 hrs, 90' boom, 20" spacing, boom leveling, Raven chemical injection system



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(L) '99 JD 1560, Stock #111366, 20 ft, 7.5" spacing, seed openers replaced in '18-still have bevel on blades, ground drive, manual pop control



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(H) '05 JD 1590, Stock #101616, 15 ft, 10" spacing, mechanical rate adjust



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(S) '07 JD 1770NT, Stock #111363, 24R/30" spacing, row command, variable rate drive, Sure Fire Fertilizer System via JD Rate Controller, CCS w/refuge tank



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(W) '12 JD 1770NT CCS, Stock #44559, 16R/30" spacing, mechanical drive w/ half-width disconnect, liquid fertilizer piston pump, red ball, 25 wave no-till coulters



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(S) '13 JD 1770NT CCS, Stock #101058, 16R/30" spacing, row command, variable drive w/ 2 hyd motors w/ half-width disconnect, 1 owner



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(B) '12 JD 1790, Stock #111448, 32R/15" spacing, mechanical drive w/ half-width disconnect, pro-shaft drive w/ pro-series XP row units



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(FR) '14 JD 8270R, Stock #97786, 273 hrs., MFWD, 16F/5R PS, 5 SCV's, 1000 PTO.



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(FL) '15 JD 8345R, Stock #100315, 1233 hrs., MFWD w/suspension, IVT, 5 SCV's, 1000 PTO.



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(S) '18 JD 8345RT, Stock #101740, 253 hrs., IVT, 18" tracks, big hydraulic pump, 6 SCV's, leather, HID lights



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(FL) '13 JD 8360RT, Stock #97553, 2209 hrs, IVT, 24 in tracks, 5 remotes



**\$189,500**

(W) '10 JD 9530, Stock #48053, 3471 hrs., PS, 4 remotes, 800/70R38 duals, HID lights



**\$249,500**

(H) '12 JD 9560RT, Stock #48461, 2485 hrs., 30" tracks, 18F/6R PS, 5 remotes, HID lights, leather



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(H) '15 JD S650, Stock #111479, 567/357 hrs, 2WD, manual adjust tailboard, 21.5' unload auger, 3 spd trans electric shift & brake



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(B) '16 JD S660, Stock #48208, 642/422 hrs, 2WD, manual adjust tailboard, 22.5' unload auger, 3 spd trans electric shift



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(B) '16 JD S670, Stock #52225, 629/484 hrs, 2WD, powercast tailboard, 26' unload auger, pro drive transmission



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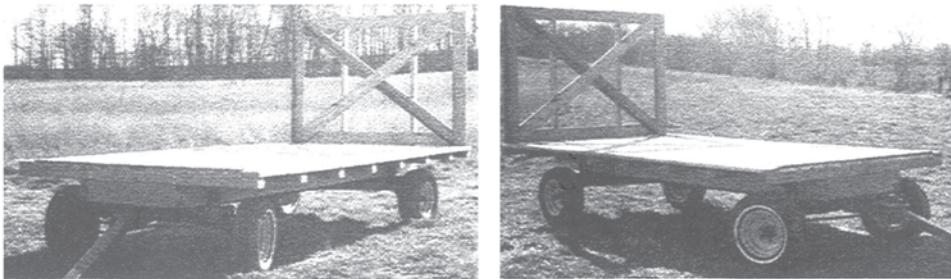
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## FFA

FROM PAGE 4

Berlin, Medina, Hillsboro, Liverpool Township, Wooster, Gibsonburg, Montgomery Township, Wadsworth, Millersburg and Pleasant Township.

Versailles, Ohio (then under the leadership of A.W. Nisonger) was one of those 19 communities and is still strong to this day as an FFA chapter at Versailles High School.

Leading the Versailles FFA charge is school advisor Dena Wuebker.

"Our membership expectations are set quite high as we want the kids to perform three or four community service activities throughout the year," Wuebker said, "and we provide them with many activities to choose from, like our annual toy drive, can food drive, harvest sale and farm safety training just to name a few.

"It's our belief that FFA helps develop lifetime skills in kids, things like leadership, communication, personal growth, teamwork and interviewing skills."

Talawanda Schools in Oxford, Ohio is the third-oldest FFA program in the state. The program at the high school began in 1957. More than 200 students at this school take ag-only classes.

"Our FFA students can choose from five different areas of concentration – food and natural resources, greenhouse management, livestock selection care, mechanical principles and ag business," said Mike Derringer, ag education teacher. "The community is very supportive of FFA at the high school."

Kellie Beiser, ag education teacher at Edgewood High School and Butler Tech in Butler County, says FFA "opens the students' doors and their minds."

"A lot of students in our community would never consider ag as a career because they're not from a farm anymore," Beiser said. "Thanks to FFA they're making connections to work, volunteer and intern. FFA is more than just one thing. It's opening doors to the industry and in our community that's highly important."

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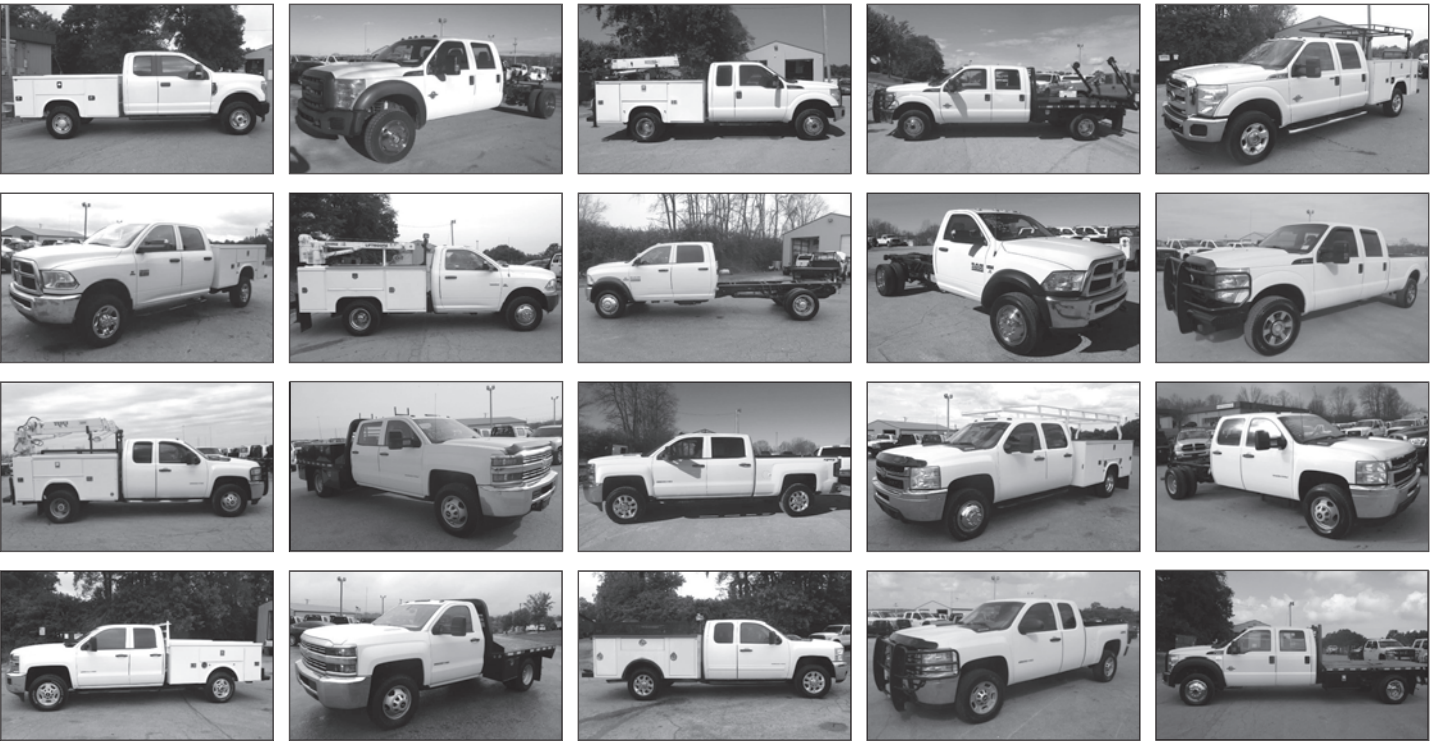
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# MARKETS

## Missouri Weekly Hay Summary Week ending 2/21/2020

Although there was still some left-over snow in the north early week for the first week in quite a while there was no new winter weather this week. Mud is still a problem especially in the afternoons. With February quickly passing many are now taking counts of inventory on hand and starting to make plans for fertilizer and spring work for the upcoming growing season. Hay movement is slow. The supply of hay is moderate, demand is light to moderate, and prices are steady. The Missouri Department of Agriculture has a hay directory available for both buyers and sellers. To be listed, or to view the directory visit <http://mda.mo.gov/abd/haydirectory/> for listings of hay <http://agebb.missouri.edu/hayist/> (All prices f.o.b. and per ton unless specified and on most recent reported sales).

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Good quality Alfalfa (RFV 150-170) 120.00-160.00  
small squares 5.00-7.00 per bale  
Fair quality Alfalfa (RFV 130-150) 100.00-125.00  
Good quality Mixed Grass hay 80.00-120.00  
Small squares 6.00-8.00 per bale (some alfalfa/grass mix)  
Fair to Good quality Mixed Grass hay 60.00-80.00  
small squares 3.00-6.00 per bale  
Fair quality Mixed Grass hay 35.00-50.00 per large round bale  
25.00-40.00 per 4x5 round bale  
Good quality Bromegrass 80.00-120.00  
Fair to Good quality Bromegrass 50.00-80.00  
Wheat hay 40.00-55.00 per large round bale  
Wheat straw 3.00-6.00 per small square bale

Table 1: Alfalfa guidelines (for domestic livestock use and not more than 10% grass)						
Quality	ADF	NDF	*RFV	**TDN-100%	**TDN-90%	CP
Supreme	<27	<34	>185	>62	>55.9	>22
Premium	27-29	34-36	170-185	60.5-62	54.5-55.9	20-22
Good	29-32	36-40	150-170	58-60	52.5-54.5	18-20
Fair	32-35	40-44	130-150	56-58	50.5-52.5	16-18
Utility	>35	>44	<130	<56	<50.5	<16

\*RFV calculated using the Wis/Minn formula.  
\*\*TDN calculated using the western formula.  
Quantitative factors are approximate, and many factors can affect feeding value. Values based on 100 % dry matter (TDN showing both 100% & 90%). Guidelines are to be used with visual appearance and intent of sale (usage).

Table 2: Grass Hay guidelines		
Quality	Crude Protein Percent	
Premium	Over 13	
Good	9-13	
Fair	5-9	
Low	Under 5	

Quantitative factors are approximate, and many factors can affect feeding value. Values based on 100% dry matter. End usage may influence hay price or value more than testing results.

Hay Quality Designations physical descriptions:	
Supreme:	Very early maturity, pre bloom, soft fine stemmed, extra leafy. Factors indicative of very high nutritive content. Hay is excellent color and free of damage.
Premium:	Early maturity, i.e., pre-bloom in legumes and pre head in grass hays, extra leafy and fine stemmed-factors indicative of a high nutritive content. Hay is green and free of damage.
Good:	Early to average maturity, i.e., early to mid-bloom in legumes and early head in grass hays, leafy, fine to medium stemmed, free of damage other than slight discoloration.
Fair:	Late maturity, i.e., mid to late-bloom in legumes, head-in grass hays, moderate or below leaf content, and generally coarse stemmed. Hay may show light damage.
Utility:	Hay in very late maturity, such as mature seed pods in legumes or mature head in grass hays, coarse stemmed. This category could include hay discounted due to excessive damage and heavy weed content or mold.

Source:  
MO Dept of Ag-USDA Market News Service,  
Jefferson City, MO  
Tony Hancock, Market Reporter, 573-751-5618  
24 Hour Recorded Report 1-573-522-9244  
[www.ams.usda.gov/mnreports/JC\\_GR310.txt](http://www.ams.usda.gov/mnreports/JC_GR310.txt)

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Estimated Daily Livestock Slaughter Under Federal Inspection				
Friday, February 21, 2020				
	CATTLE	CALVES	HOGS	SHEEP
Friday 02/21/2020 (est)	121,000	2,000	467,000	6,000
Week ago (est)	111,000	2,000	481,000	6,000
Year ago (act)	116,000	3,000	474,000	7,000
Week to date (est)	595,000	11,000	2,430,000	34,000
Same Period Last Week (est)	593,000	11,000	2,448,000	37,000
Same Period Last Year (act)	555,000	13,000	2,355,000	35,000
Saturday 02/22/2020 (est)	33,000	0	192,000	0
Week ago (est)	27,000	0	148,000	1,000
Year ago (act)	26,000	0	133,000	1,000
Week to date (est)	628,000	11,000	2,622,000	34,000
Same Period Last Week (est)	620,000	11,000	2,596,000	38,000
Same Period Last Year* (act)	581,000	12,000	2,487,000	36,000
2020 Year to Date	4,766,000	81,000	19,883,000	272,000
2019 *Year to Date	4,731,000	92,000	19,253,000	282,000
Percent change	0.7%	-12.2%	3.3%	-3.6%
2020 *Totals subject to revision				
2019 *Totals adjusted to reflect NASS revisions				
Yearly totals may not add due to rounding				
Previous Day Estimated	Steer and Heifer	Cow and Bull		
Thursday	97,000	25,000		
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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212 Lb. \$35, 265-290 Lbs. \$43-\$50; 295-410 Lbs. \$36-  
\$43; Sows 275-610 Lbs. \$25-\$31; Butcher Boars \$10-\$19;  
Feeder Cattle: Blk. Hfr. 250 Lbs. \$124; Mx. Hfr. 265 Lbs.  
\$162; Blk. Hfr. 1195-590 Lbs. \$121; Red Hfr. 595 Lbs. \$56;  
Blk. Hfr. 700 Lbs. \$122; Bwfr. Hfr. 770 Lbs. \$115; Blk. Hfr.  
780 Lbs. \$116; Char. Hfr. 880 Lbs. \$98; Blk. Hfr. 925 Lbs.  
\$126; Blk. Hfr. 1235 Lbs. \$111; Red Hfr. 1240 Lbs. \$108;  
Blk. Hfr. 1420 Lbs. \$108; Red Str. 660 Lbs. \$107; Blk. Str.  
695 Lbs. \$101; Blk. Str. 730 Lbs. \$109; Mx Str. 1170 Lbs.  
\$108; Blk. Str. 1295 Lbs. \$116; Blk. Str. 1490 Lbs. \$118;  
Mx. Str. 1580 Lbs. \$112; Blk. Bull 330 Lbs. \$121; Blk. Bull  
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AG FUTURES				
For Week Ending February 21, 2020				
	Delivery Month	Friday's Last Close	Change	
Soybean	Jan 20	\$ 8.78	– \$ 12.2	Soybean Oil
	Mar 20	\$ 8.86	– \$ 13.0	
	May 20	\$ 8.97	– \$ 12.4	
	July 20	\$ 9.01	– \$ 11.6	
	Aug 20	\$ 9.02	– \$ 11.2	
	Sep 20	\$ 31.04	– \$ 0.49	
Wheat	Mar 20	\$ 5.42	– \$ 8.6	Soybean Meal
	May 20	\$ 5.42	– \$ 9.6	
	July 20	\$ 5.43	– \$ 9.2	
	Sep 20	\$ 5.49	– \$ 8.4	
	Dec 20	\$ 5.59	– \$ 8.6	
	Sep 20	\$ 31.08	– \$ 0.60	
Corn	Mar 20	\$ 3.74	– \$ 3.2	Cattle
	May 20	\$ 3.77	– \$ 3.2	
	July 20	\$ 3.80	– \$ 3.2	
	Sep 20	\$ 3.79	– \$ 3.2	
	Dec 20	\$ 3.83	– \$ 3.0	
	Aug 20	\$ 109.40	– \$	
Oats	Mar 20	\$ 2.92	– \$ 4.0	Hogs
	May 20	\$ 2.95	– \$ 3.0	
	July 20	-----	-----	
	Sep 20	-----	-----	
	Dec 20	-----	-----	
	July 20	\$ 82.13	– \$	

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Ag Futures taken from  
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Dow Jones Industrial Average  
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Breeder Bulls 11 Top of \$1185

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Dairy Feeders 51 Top of \$575  
Group of 27 265 lb avg \$240  
Feeder Cattle 45 Top of \$ .97/lb  
Group of 4 360 lb avg \$.82/lb  
Group of 12 970 lb avg \$.74/lb

HAY & STRAW  
Hay 38 loads \$50-\$310/ton  
10 loads \$200-\$310 avg \$250/ton  
20 loads \$140-\$200 avg \$165.50/ton  
8 loads \$ 50-\$135 avg \$95/ton  
Straw 3 loads \$90-\$110/ton

A Note from Rick: Markets were steady to stronger again this week at TLA. The Hay market bounced back slightly after a couple weeks of lower prices. Dairy cattle prices, including dairy replacements, were unchanged and have been for quite some time now. The calf market showed continued strength with prices being \$5-\$10 higher. Slaughter cows were the highlight of the day again. Cows were \$4-\$5 higher across the board. Slaughter cattle, both Holsteins and colored, were steady. The Driving Horse Auction on Saturday was another good one. We had right at 160 horses and the sale went very well. Last week's Benefit Horse Pull and Stallion Presentation was definitely a success. We had 35 Stallions in the presentation and 17 teams of horses in the pull. We had a big and generous crowd and were able to raise over \$17,000 for our local benefit. This year the money was split between the Sunrise Workshop and The Special Education Fund. This community definitely takes care of its own in a big, big way and we are so proud to be a part of it. Thank you to all that donated! It is time to say goodbye to February and hello to March. March = Draft Horse Auction and we are definitely excited and ready for it. See you at TLA!

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Monday- 9:00 am Tack, Equipment & Carriage Sale  
Tuesday- 8:30 am Horse Pull, followed by Auction beginning with Pulling Bred Horses followed by Pulling Horses  
Wednesday- 9:00 am Catalogued and Uncatalogued Percherons, followed by Clydesdales, Suffolk, Spotted Drafts, Mules and Crossbreeds  
Thursday- 9:00 am Catalogued Belgians  
Friday- 9:00 am Catalogued Belgians followed by all other horses

\*\*For cattle consultations or appraisals, call Rick Welsh (219) 363-2900



# VIEWS AND OPINIONS

## Nat Geo WILD launches two new veterinarian shows



BRIDGING THE GAP  
By Amanda Radke

Finding family-friendly television shows that reflect our values can be really hard to find. And when I do find a good program that we can watch with our ranch kids, I get really excited about it!

National Geographic WILD continues to impress me with some of the network's big hits. You've more than likely heard of "The Incredible Dr. Pol," a show that follows veterinarian, Dr. Jan Pol, as he works in his veterinary clinic in Michigan.

In previous episodes, viewers can watch as Dr. Pol pulls baby calves, rounds up sheep, does surgery on dogs and cats and cares for exotic animals like camels. My three young kids devour each episode; they love seeing how he cares for the animals and handles each surprise case as they come.

The show provides an up close and personal look at animal husbandry and health interactions between people and animals, and we need to see more of this on mainstream channels!

In 2020, National Geographic WILD has announced two new shows that celebrate life in rural America and, in particular, the field of veterinary medicine.

"Heartland Docs, DVM" premiered on Jan. 25 and features a husband and wife veterinary team, Drs. Ben and Erin Schroeder. Viewers get to see the Schroeders at work as they practice in Hartington, Neb. at their clinic, Cedar County Veterinary Services.

The show also follows the Schroeders, who have been dubbed the "next Chip and Joanna Gaines" of Fixer Upper fame, as they rebuild and restore buildings in their community following the floods of 2019.

Meanwhile, a second show titled, "Critter Fixers: Country Vets," stars Drs. Vernard Hodges and Terrence Ferguson, who own Critter Fixer Veterinary Hospital in Bonaire, Ga. With 20,000 patients annually, Hodges and Ferguson take on unique cases while also volunteering in their communities. The show is slated to premiere on March 7.

"Nat Geo WILD is proud to be the leading network for entertaining veterinarian content. These two shows transport viewers to rural environments across the country to underscore the expansive range of animal care from the Deep South to Midwest. With these two new series, we're hoping to immerse viewers within the daily lives of two dedicated duos — each who are grassroots champions for the diverse animals within their region and the communities where they live and work," says Janet Han Vissering, senior vice president of development and production at National Geographic WILD. "The addition of these highly experienced, authentic and inspiring credentialed doctors combined with their unique narratives are sure to evoke the deeply emotional human-animal connections our viewers expect from National Geographic WILD — and at the same time remain wildly entertaining."

I'm pleased to see more shows that highlight rural America, animal agriculture and who we are in production agriculture. Having a daughter who dreams of becoming a veterinarian one day, I'm excited that National Geographic WILD is offering more shows for her to learn from!

Plus, because our society's relationship with animals has become incredibly skewed, I think this will give viewers a real-life look at the circle of life and what true animal husbandry should look like. (No animal rights activists necessary!)

Check out these new shows at [www.nationalgeographi.com](http://www.nationalgeographi.com) and let me know what you think!



## The geography of farming and food



FARM AND FOOD FILE  
By Alan Guebert

Geography isn't static. Rivers change course, mountains erode, and islands disappear under rising seas.

The geography of farming and food changes, too. For example, 180 years ago my home county was the castor bean and castor oil capital of the U.S. Both titles, however, slipped into irrelevance as a new resource, crude oil, rose to dominate the lubricant business. Today, fewer and fewer Americans have ever heard of castor beans or castor oil.

Those long-forgotten twins seem to have a modern equivalent. Total U.S. wheat acres peaked at 88 million in 1981. Last year, the most recently completed reporting year, total U.S. wheat acres were about one-half of that, or 45.6 million acres.

In its just-published "Agricultural Projections to 2029," however, the U.S. Department of Agriculture (USDA) forecasts wheat's decades-long slide will stabilize between 45 million and 46.5 million acres in the coming decade. That estimate also comes with a warning: "U.S. [wheat] export growth is tempered by sustained price competition from Russia, Ukraine, and the European Union."

Translation: After 40 years of falling U.S. wheat plantings and, now, fast-rising international competition for exports, don't bet on our forecast.

It's no surprise that the two biggest benefactors of wheat's decline are America's two biggest crops, corn and soybeans. As

David Widmar of Agricultural Economic Insights pointed out more than two years ago, almost 30 million of wheat's lost 43 million acres have been planted to corn and soybeans since 2000.

There are two critical (among other) reasons for the big switch: government ethanol blending mandates have fueled corn's rise and fast-growing soy exports, especially to China, have pushed soybean acres higher.

Both forces, however, are losing steam. Increased use of electric cars and, soon, trucks, has already flat-lined the once voracious U.S. gasoline—and, in turn, ethanol—appetite and continued global competition in the soy trade is pinching U.S. soybean margins towards breakeven.

The elective, sustained tariff war with America's biggest soybean customer, China, throughout 2018 and 2019 has added to that woe.

More troubling for U.S. farmers is the unabated growth of their soy competitors, especially South America's biggest soy boy, Brazil. Late last year, USDA's Foreign Agricultural Service noted that for the first time ever, "Brazil is forecast to overtake the United States as the leading soybean producer in the world during the 2019/20 season."

Part of the explanation is American; 2019's terrible weather clipped U.S. soybeans harvest nearly 20 percent. Another part, though, is Brazil's strong and steady rise in plantings.

Last July, the Brazilian Ministry of Agriculture forecast the nation's soybean acreage would balloon 25 percent in the coming decade. If accurate, the increase of 23.5 million acres

(Farm and Food continued on page 9)

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# Phase 1 benefits between US and China questioned



MARKET ANALYSIS  
By Karl Setzer

Trade is becoming less optimistic on the benefits of the Phase 1 trade agreement between the US and China. The US has not seen a build in Chinese demand since the agreement was signed over a month ago. Other sources are offering commodities at reduced values to the US, and verbiage in the agreement allows China to make purchases from other sellers when this happens. While China will likely resume US imports at some point, it is possible yearly demand could fall short of initial projections.

The announcement that China would scale back its tariffs on US soybeans failed to offer the market much support either. This is because the roll back only covered half of the tariff that was imposed in September, leaving a rate of 27.5% in effect. At the present time this makes soybeans from the US into China \$2.40 more than Brazil's. Even without this tariff, Brazilian soybeans are being offered at a 15 to 40 cent discount to the US to other buyers.

The US livestock industry has been hoping to see elevated demand from China, but actual Chinese buying may end up being less than hoped for. Meatpacker JBS has signed an agreement to provide China with \$717 million of beef, pork, and poultry on an annual basis. This meat will all be sourced from Brazil, however, with shipments starting in the next two months. China is still likely to need meat imports from the US, but this news is concerning given the trade pact that was just signed.

Concerns are building over the massive supply of pork in the United States. We are seeing near record volumes of pork exports, but these are failing to consume all of the hogs that are being processed. Last week's US hog slaughter was reported at 2.7 million head. This is 9 ½% more than a year ago at this time. Some economists are fearful that even if China starts making imports in earnest, we will see our pork supply continue to rise at this rate.

One benefit the US corn market has right now is a lack of competition in the global market. This is especially from South America where attention has shifted to soybean harvest and exports. The only other real source of competition in the global market right now is Ukraine, who is exporting more corn than the US for the time being. This window of opportunity for US corn sales may be narrow, which is limiting market response from what

was hoped for.

A topic in the market that is only expected to grow in its impact is the quality of the US corn supply. While high moisture is being reported, the greatest concern is from high levels of foreign material, or FM. A large amount of corn needed to be commercial dried this year which tends to make kernels more fragile, and prone to breaking. This then creates FM and fines that buyers are not willing to pay a premium for. That said, we have seen a rise in corn demand even with quality issues

as importers have few other sources to choose from at this point.

The real concern with corn quality may be in front of us, however. Temperatures have been cold enough that fungus has not been able to grow. This will likely change once temperatures warm, especially with the moisture of corn being higher than average. Reports of stored corn taking on moisture after being dried are also a factor to contend with.

Data shows the ongoing poor economics are taking their toll on the

US Ag industry. Final data for 2019 shows that 590 farmers across the US filed Chapter 12 bankruptcy. This is up 100 filings from 2018 and the most since 2011. There are hopes that recent trade deals will start to turn the US farm economy around, but these will depend heavily upon the fallout from the Coronavirus in China and what it does to global commodity demand.

Baseline estimates for US trade for the next five years was released by the USDA and offer little help to this

(Setzer continued on page 9)

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*Wednesday, March 18*  
**No cattle are permitted on the fairgrounds before 7:30 a.m.**  
7:30 a.m. - Junior Show open for stalling, Gilligan Complex  
12:00 p.m. - 5:00 p.m. Large Equipment Move-In

*Thursday, March 19*  
8:00 a.m. - Noon Trade Show set up for large indoor equipment  
Noon All breeding cattle must be in place  
Noon - 3:00 p.m. ShowBloom Breeds Building  
3:00 p.m. - 6:00 p.m. Trade Show set-up outdoor & small indoor displays  
Ohio Beef Expo Kick-off Reception & Trade Show Open, Voinovich Building  
7:30 p.m. The Social, Hilton Columbus/Polaris

*Friday, March 20*  
7:00 a.m. - 8:45 a.m. Judging Contest Registration, Taft Coliseum  
8:30 a.m. - 6:00 p.m. Trade Show Open, Voinovich Building

9:00 a.m. Red Angus Parade, Cooper Arena, South Ring  
10:00 a.m. Angus Parade, Cooper Arena, South Ring  
12:00 p.m. Hereford Show, Cooper Arena, South Ring  
12:00 p.m. Shorthorn Show, Cooper Arena, North Ring  
12:00 p.m. Gelbvieh Show, ShowBloom Breeds Building  
1:00 p.m. Murray Grey Show, ShowBloom Breeds Building

9:00 a.m. Judging Contest Begins, Taft Coliseum  
10:00 a.m. Ag-Pro Forage Seminar, Voinovich Building  
10:00 a.m. - 1:00 p.m. Genetic Pathway Open, ShowBloom Breeds Building  
11:00 a.m. - 8:00 p.m. Junior Show Check in, Gilligan Complex  
12:30 p.m. Youth Beef Quality Assurance, Voinovich Building  
2:00 p.m. Online Feeder Cattle Sale, Voinovich Building  
2:30 p.m. Judging Contest Awards, Taft Coliseum  
3:00 p.m. - 5:00 p.m. Genetic Pathway Open, ShowBloom Breeds Building  
4:00 p.m. - 5:00 p.m. Cowboy Happy Hour, Voinovich Building  
5:30 p.m. Junior Show Welcome Party, Taft Coliseum

*Saturday, March 21*  
8:30 a.m. - 6:00 p.m. Trade Show Open, Voinovich Building  
10:00 a.m. - 1:00 p.m. Genetic Pathway Open, ShowBloom Breeds Building

10:00 a.m. Shorthorn Sale, Ring 1  
10:00 a.m. Red Angus Sale, Ring 2  
12:00 p.m. Hereford Sale, Ring 1  
12:00 p.m. Angus Sale, Ring 2  
2:00 p.m. Simmental Sale, Ring 1  
2:00 p.m. Maine-Anjou Sale, Ring 2  
4:30 p.m. Miniature Hereford Sale, Ring 1

12:00 p.m. Junior Showmanship, Taft Coliseum  
12:00 p.m. Miniature Hereford Show, Cooper Arena  
3:00 p.m. - 5:00 p.m. Genetic Pathway Open, ShowBloom Breeds Building  
4:00 p.m. - 5:00 p.m. Cowboy Happy Hour, Voinovich Building

*Sunday, March 22*  
8:00 a.m. - 5:00 p.m. Junior Show, Taft Coliseum  
8:30 a.m. - 2:00 p.m. Trade Show Open, Voinovich Building  
10:00 a.m. - 1:00 p.m. Genetic Pathway Open, ShowBloom Breeds Building

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# MARKETS

## Weekly National Sheep Summary For the Week Ending Friday, February 21, 2020

Weekly Trends: Compared to last week slaughter lambs steady to 10.00 higher with most advance on lambs over 70 lbs. Slaughter ewes steady to 10.00 lower. Feeder lambs steady to 5.00 higher. At San Angelo, TX 5159 head sold. No sales in Equity Electronic Auction. In direct trading slaughter ewes and feeder lambs were not tested. 4100 head of negotiated sales of slaughter lambs were 1.00 lower. 3,312 lamb carcasses sold with all weights no trend due to confidentiality. All sheep sold per hundred weight (CWT) unless otherwise specified.		
Slaughter Lambs:	Choice and Prime 2-3 90-160 lbs:	
San Angelo:	wooled and shorn 130-175 lbs 140.00-160.00.	
PA:	wooled and shorn 100-145 lbs no report.	
Ft.Collins, CO:	wooled and shorn 135 lbs 192.50.	
South Dakota:	wooled and shorn 100-135 lbs 158.00-176.00.	
Kalona, IA:	wooled and shorn 100-130 lbs 170.00-217.50.	
Billings, MT:	no test.	
Missouri:	wooled and shorn no test.	
Equity Elec:	no sales.	
Slaughter Lambs:	Choice and Prime 1-2:	
San Angelo:	hair lambs 40-60 lbs 236.00-260.00; 60-70 lbs 228.00-245.00, few 250.00-252.00; 70-80 lbs 218.00-242.00; 80-90 lbs 200.00-220.00, few 230.00-236.00; 90-110 lbs 200.00-210.00, few 230.00. woolled and shorn 74 lbs 218.00, 94 lbs 202.00, 101 lbs 216.00; new crop 70 lbs 246.00, 80-90 lbs 230.00-236.00, 96 lbs 234.00, 102 lbs 230.00.	
Pennsylvania:	wooled and shorn no report. hair no report.	
Kalona, IA:	wooled and shorn 53 lbs 252.50; 70-80 lbs 262.50-275.00; 80-90 lbs 230.00-255.00; 94 lbs 220.00. hair 50 lbs 272.50; 60-70 lbs 233.00-255.00; 80-90 lbs 227.50-337.50; 90-100 lbs 209.00-222.50.	
Ft. Collins:	wooled and shorn 76 lbs 222.50; 98 lbs 202.00.	
Missouri:	hair 40-50 lbs 260.00-270.00, few 277.00; 50-60 lbs 262.50-280.00; 60-70 lbs 260.00-272.50, few 275.00; 70-80 lbs 267.50-270.00. woolled and shorn 68 lbs 215.00; 78 lbs 197.50.	
South Dakota:	no test.	
Billings, MT:	no test.	
Direct Trading:	(lambs fob with 3-4 percent shrink or equivalent)	
4100:	Slaughter Lambs woolled and shorn 129-155 lbs 145.00-169.50 (wtid avg 160.41).	
Slaughter Ewes:		
San Angelo:	Good 3-4 (very fleshy) no test; Good 2-3 (fleshy) 89.00-108.00; Utility and Good 1-3 (medium flesh) 92.00-125.00; Utility 1-2 (thin) 88.00-111.00; Cull and Utility 1-2 (very thin) 82.00-85.00; Cull 1 (extremely thin) 50.00-60.00.	
Pennsylvania:	Good 3-4 (very fleshy) no test; Good 2-3 (fleshy) no report; Utility 1-2 (thin) no report; Cull 1 no test.	
Ft. Collins:	Good 3-5 (very fleshy) 100.00-110.00; Good 2-3 (fleshy) 92.50-130.00; Utility 1-2 (thin) no	
Billings, MT:	test.	
Good 3-4 (very fleshy) no test; Good 2-3 (fleshy) no test; Utility 1-2 (thin) no test; Cull 1 no test.		
So Dakota:	Good 3-4 (very fleshy) 71.00-85.00; Good 2-3 (fleshy) 72.00-95.00; Utility 1-2 (thin) 64.00-85.00; Cull 1 68.00.	
Missouri:	Good 2-3 70.00-85.00; Utility and Good 1-3 65.00-75.00.	
Kalona:	Good 3-4 (very fleshy) 51.00; Good 2-3 (fleshy) 82.50-115.00; Utility and Good 1-3 (medium flesh) 82.50-112.50; Utility 1-2 (thin) 67.50-87.50.	
Feeder Lambs:	Medium and Large 1-2:	
San Angelo:	new crop 74 lbs 226.00. old crop shorn 60-70 lbs 220.00-228.00; 73 lbs 212.00; 88 lbs 198.00.	
Ft. Collins:	116 lbs 177.50.	
Billings:	no test.	
Kalona:	no test.	
So. Dakota:	60-70 lbs 225.00-261.00; 70-80 lbs 232.00-248.00; 81 lbs 234.00; 90-100 lbs 199.00-214.00; 100-110 lbs 198.00-208.00; 120-125 lbs 174.00-175.00.	
Missouri:	no test.	
Replacement Ewes:	Medium and Large 1-2:	
San Angelo:	mixed age hair ewes 80-120 lbs 130.00-138.00	
Ft. Collins:	cwt.	
Billings:	no test.	
So Dakota:	ewe lambs 89 lbs 207.00 cwt, 139 lbs 155.00 cwt; bred young 240.00-260.00 per head; bred middle age 210.00-240.00 per head; bred aged 205.00-255.00 per head.	
Kalona, IA:	no test.	
Missouri:	young hair ewes 110-160 lbs 100.00-117.50 cwt.	
National Weekly Lamb Carcass		
Choice and Prime 1-4:		
Weight	Head	Wt Avg
45 lbs down	Price not reported due to confidentiality	
45-55 lbs	Price not reported due to confidentiality	
55-65 lbs	Price not reported due to confidentiality	
65-75 lbs	Price not reported due to confidentiality	
75-85 lbs	Price not reported due to confidentiality	
85 lbs up	Price not reported due to confidentiality	
Sheep and lamb slaughter under federal inspection for the week to date totaled 34,000 compared with 38,000 last week and 36,000 last year.		
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		

## Setzer

FROM PAGE 8

situation. For this coming year the baseline data indicates US corn acres at 94.5 million and a yield of 178.5 bushels per acre. Soybean acres are forecast at 84 million with an average US yield of 50.5 bpa. Ending stocks for next year

are forecast to increase on both crops, coming in at 2.75 billion bu on corn and 518 million bu on soybeans.

The USDA is also forecasting the world market share of US corn to decrease from 29.5% last year to 29% this year and then rebound to 30% for the next five years. The US share of the world soybean market is expected to range from 34% to 35% as competition from

South America increases. The share of the market on wheat is forecast to hold between 12% and 13% over this time. Cash values on all three are expected to hold near today's levels for the next decade according to USDA forecasters.

This commentary is the sole opinion of Karl Setzer, Senior Commodity Risk

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

## Farm and Food

FROM PAGE 7

would boost Brazilian soy acres to 112 million by 2029, or about 22 million acres more than the record U.S. soy plantings in 2017.

A few days after that news hit global markets, Reuters reported

that the chairman of China's largest food company, state-owned COFCO International, told Brazilian ag leaders that his firm wanted to increase its Brazilian soy imports by 25 percent over the next five years. More troubling, the COFCO boss added that his company would underwrite soy expansion on some or most of Brazil's undeveloped 25 million hectares.

How many acres are in 25 million

hectares? You better sit down for this: a staggering 61.8 million.

That number and the Chinese promise should finally dispel another myth too long at the center of U.S. agricultural geography: Buy land because they're not making it anymore.

Well, "they" are making more of it and many of those makers—Brazil, Ukraine, Russia, China among others—are poised to substantially alter American farm and

food geography in the next 20 years.

In fact, they already are; just ask a wheat grower.

If you can find one.

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# FFA at the junior high level in Ohio is alive and well

BY DOUG GRAVES  
Ohio Correspondent

TRENTON, Ohio — There were two banners sporting quite compelling messages at last year’s FFA National Convention in Indianapolis in November. The first one read: “One is never too old to learn.” The other read: “One is never too young to START learning.”

Today, there are 24,800 FFA members in 308 chapters across Ohio alone for students in grades nine through 12. While FFA enrollment has enjoyed enormous success the past decade, those at the National FFA Headquarters in Indianapolis, Indiana are taking aim at those in grades 6-8.

“Even when it comes to FFA, one is never too young to begin learning about agriculture,” said Kolesen McCoy, an agribusiness and applied economics major at Ohio State University who was elected FFA National President at the convention in November.

FFA promoters have strongly targeted those in grades 6-8 the past five years. The tally to this point shows that there are 21 schools in Ohio offering FFA at the sixth grade level. There are 514 schools nationwide offering FFA to seventh-graders and 1,012 at the eighth grade level.

Attempting to reach those at a lower grade level is nothing new. According to the Journal of Ag Education, the earliest reported eighth grade FFA program was formed in Virginia in 1926. Seventh grade FFA programs began in Vermont in 1930. Louisiana had its first FFA program for seventh graders in 1960. Sixth grade programs started in Mississippi in 1974.

Ohio spearheaded the FFA junior high efforts in 1988, realizing it was never too early to teach youth about the importance of agriculture.

Rosemarie Rosetti, a former assistant professor in the Ohio State University Department of Agriculture Education, issued a status report on middle grade agricultural education and FFA programs in the United States in the mid-1980s. She also issued some strong recommendations to those in her state.

“Beginning in kindergarten and continuing through twelfth grade, all students should receive some systematic instruction about agriculture,” Rosetti wrote. “The intent of this recommendation was to aid our society in becoming more literate about agriculture. Agricultural literacy suggests that a person understands the food and fiber system, including its history and current economic, social and environmental significance.”



**Right:** The Barren County Middle School FFA chapter was formed just two years ago and already has 46 eighth grade members. (photo submitted)


FFA enrollment in the high school level steadily declined between 1977 and 1991. In 1977, FFA membership was at 509,735 and it had dropped to 383,450 by 1991, a decline of 24.8 percent. In 1988, a constitutional amendment was passed at the National FFA Convention that officially allowed middle school aged youth membership into the organization.

“Allowing FFA at the middle school level showed a drastic increase in FFA members by the 1992-93 school year as enrollment increased to 417,462,” Rosetti said. “By this time, 36 states had middle school FFA programs and enrolled 52,968 members nationwide.”

At the middle school level, the top FFA topics are plant science, career exploration, agricultural literacy, animal science and conservation. The next five are mathematics, agricultural mechanics, soil science, public speaking and human relations.

While competitions among FFA chapters are normally held at the high school level, junior high competitions are becoming the norm nowadays. Four states held

(See Jr. FFA on page 23)



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# SGD offers free warm germ testing for Corn Belt farmers

**BY DOUG GRAVES**  
Ohio Correspondent

JEFFERSONVILLE, Ohio — In 2018, soybean production was notably the worst quality in 40 years. Many companies threw every fungicide possible at their beans to achieve warm germ tests above 85 percent.

But unprecedented amounts of rain prevented planting and no-return policies meant farmers were not able to return treated soybeans to their seed companies. This meant farmers were stuck with subpar beans.

**Below:** Chris Jeffries of SGD is willing to offer free warm germ testing for Corn Belt farmers. (photo submitted)



Chris Jeffries, president and founder of Seed Genetics Direct (SGD) in Jeffersonville, Ohio, wants to give farmers in the Corn Belt a much needed lift. Jeffries is offering free warm germ testing to Corn Belt farmers through March 15.

“We worked hard to move seed for 95 percent of our customers, but we know other farmers have carry-over beans that were left in barns with high humidity and high temperatures,” Jeffries said. “This carry-over seed was definitely not in a controlled environment. So, whether a Seed Genetics customer or not, we want to help and will germ test beans for any farmers in need.”

A warm germ test is a standard test that is done under ideal conditions in a lab and tells one what percentage of that seed will germinate.

“With soybeans it’s very typical for companies to label their beans at 90 percent, even though they’re actually 95 or 96 percent,” Jeffries said. “If you plant 200,000 seeds under ideal conditions one should have 180,000 final stand, but normally that doesn’t happen as things are never perfect.”

“In 2018 we had a terrible harvest and seed quality on soybeans was very poor,” Jeffries said. “We had a lot of pod and stem blight and because of the delayed harvest with high moisture with high humidity we saw a lot of that pod and stem blight.”

“In 2019 many had treated seeds in their barn and most companies won’t take back treated soybeans. Our policy is normally the same, but last year SGD did take treated soybeans back and

was able to help those farmers who were double-cropping.”

According to Jeffries, a lot of farmers will take 200 seeds, put them on a wet paper towel and see how many seeds will germinate.

“It’s an old accepted way of doing things,” Jeffries said, “but the problem is when we send these seeds to Indiana Crop Improvement they have trained technicians who will say the sprouting doesn’t count as the embryo has been injured.”

Jeffries says he started this program because farmers need to know what they’re planting.

“If they’re planting seeds this year from the 2019 harvest they’re likely in excellent shape, but if they’re planting seeds harvested in 2018, and even

though they’ve been treated, the seed quality may not be there and they’re in for a huge surprise. And if they’re not careful they’ll be planting seeds twice.”

Chris Jeffries and his brother, Todd, are willing to offer free germ testing as long as farmers send two-and-a-half pounds of their seed with tags by March 15 to SGD at 9983 Jefferson-West Lancaster Road, P.O. Box 32, Jeffersonville, Ohio 43128. SGD will work with Indiana Crop Improvement or Ohio Crop Improvement to test the seed germ.

“We’re hoping people will see what we’re doing and someday do business with us,” Jeffries said.

For more information contact Chris Jeffries at 740-505-6545 or 740-505-0073.

The soybean harvest of 2018 saw a lot of pod and stem blight on many farmers’ fields. Treated seeds is not always the answer, says Chris Jeffries of Seed Genetics Direct (SGD). (photo submitted)



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# Education, innovation, networking: Ohio Pork Congress

**BY DOUG GRAVES**  
Indiana Coorespondent

COLUMBUS, Ohio — Innovation and education. Those two words may best describe the thrust of this year's Ohio Pork Congress held in Columbus, Ohio earlier this month.

The two-day Ohio Pork Congress attracted more than 450 attendees and 72 trade show exhibitors for educating, networking and honoring its members.

"Each year, Ohio's pork producers have the opportunity to learn from industry professionals about innovative products and methods to positively impact their farming operations," said Ohio Pork Council President Dave Shoup. "Thanks to our panel of speakers and trade show exhibitors, attendees of Ohio Pork Congress gained valuable information that can be implemented in their daily profession."

Shoup said this year's Ohio Pork Congress offered the opportunity to reflect on accomplishments, review lessons learned in the past year, and look to the future for opportunities to enhance Ohio's pork industry.

On day one, the Employee Symposium featured industry professionals sharing perspectives on pork industry work culture and attracting employees. Guest speakers included Scott Caine of Aimpoint Research and Jonathon Hoek, Kasey Sheldon and Valerie Duttlinger of Summit SmartFarms. Later that evening, the live auction and reception generated more than \$26,000 to benefit non-checkoff activities.

Caine spoke about what the next generation of pork producers will look like while the other three spoke about creating an irresistible place to work for that next generation.

Day two topics ranged from watershed-local to international in scale, and Shoup weighed in.

"The governor's H2Ohio plan has allocated money to farmers to allow them to adopt different practices to clean up the water in Lake Erie through the Maumee Watershed," Shoup said. "We also spoke about the Ohio Agricultural Conservation Initiative, a voluntary program where environmental groups and farmers come together and work on a plan on how to implement that money in the best possible way. We're also trying to understand the practices farmers are using through an app that is being developed so that at the end of the next two or three years we can see what advancements have been made."

The coronavirus topic was looming at this year's gathering; something that

Shoup says should gain producers' attention.

"Our hearts go out to the people of China as they are dealing with this coronavirus and we sure hope that disease does not go pandemic," Shoup said. "That has sure had a direct impact on our swine producers' markets. There has been some real excitement about the USMCA and what that could do for swine markets moving forward. One of our fears is how African swine fever has just decimated the industry in China. It will be difficult to clean things up and re-establish the swine industry there. It looks like it will very rapidly modernize their industry. We just pray it doesn't come to our country and that we are properly prepared if it does."

Keynote speaker this year was Henry Zerby of Wendy's Quality Supply Chain Co-op Inc. Zerby provided insights on the global protein supply.

As with each Ohio Pork Congress, certain producers were recognized for their efforts in this industry.

The Pork Industry Excellence Award went to Jim Heimerl of Johnstown, Ohio. Heimerl is a former National Pork Producers president, serving from 2018 to 2019, and was president of the Ohio Pork Council in 2013. Heimerl played an essential role in the signing of the 2018 farm bill, trade deals with Canada, Argentina, Mexico and Columbia.

Swine Manager of the Year Award went to Bill Knapke of Mercer County. Knapke is environmental manager for Cooper Farms. This award is given to the individual who is highly knowledgeable of the pork industry and has demonstrated the ability to make key decisions on behalf of their operations.

Knapke has written numerous nutrient management plans for the farms in northwest Ohio to ensure that the environment and local water supplies are protected for generations to come.

The OPC Service Award was presented to Tony Nye of Ohio State University Extension. Nye, the agriculture natural resources director for OSU in Clinton County, has been actively involved the past 31 years. He, along with other Extension educators in the state, founded the Extension's swine educator team which deals with production systems, nutrition and



**Above:** Tony Nye (at right) of Washington Court House, Ohio received the 2019 Ohio Pork Council Service Award. With Nye is Ohio Pork Council President Dave Shoup. (photo submitted)

health, swine mortality, composting, ventilation and Pork Quality Assurance. Nye was an assistant swine superintendent at the Ohio State Fair from 1985-2018.

The Friends of Ohio Pork Award was presented to Dr. Andrew Bowman of the Ohio State University Department of Veterinary Medicine. Bowman's expertise is in swine production medicine, veterinary public health and epidemiology. Bowman has educated hundreds of youth about the

importance of biosecurity practices and raising awareness about infectious diseases in pigs and people.

Pork Promoter of the Year Award went to the Morrow County Pork Producers. In the past 41 years, the Morrow County Pork Producers have raised more than \$300,000 for the Building Fund Pig project and they've donated supplies and a pit for a youth to exhibit at the county fair. The group is highly known for its contributions to the youth and community members.



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**Below:** Jim Heimerl of Johnstown, Ohio received the 2019 Pork Industry Excellence Award at this year's Ohio Pork Congress in Columbus, Ohio earlier this month. (photo submitted)



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

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

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

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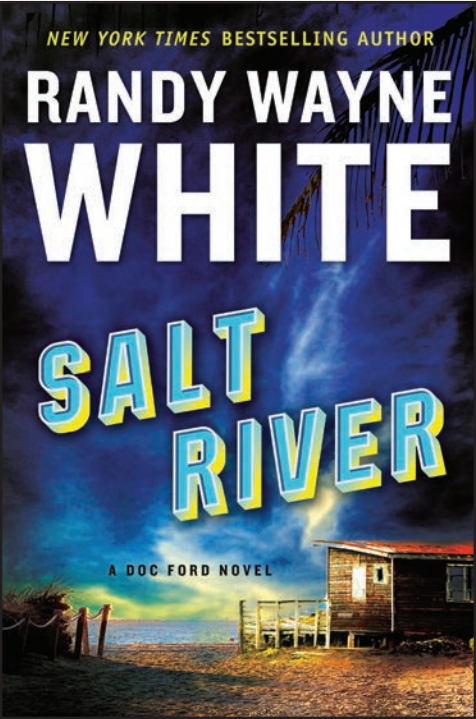
# The downsides of genetic testing in White’s novel



THE BOOKWORM SEZ  
Terri Schlichenmeyer

“Salt River: A Doc Ford Novel” by Randy Wayne White c.2020, Putnam, \$27.00, 368 pages

You just spit in a tube. That’s what you do when you have your DNA sequenced: spit, cap it tight, ship it off, and wait. A few weeks later, you’ll know where your ancestors lived. You’ll have an explanation for your red hair or long fingers. You’ll see the world differently. Or, as in the new novel “Salt River” by Randy Wayne White, you’ll open a world of trouble. It seemed like a good idea at the time.



Twenty-odd years ago, back when Tomlinson was a hungry young man, he seized upon what he thought was an easy way to make a buck: he donated to a for-profit sperm bank. Now that youthful decision had come back to haunt him, in the form of several adult children he never knew he had – each one hoping to meet their biological father.

There were, as Tomlinson’s best friend Marion “Doc” Ford pointed out, downsides to genetic testing.

The biggest one was that Tomlinson was find-able and one of his children, Delia, had come to Sanibel Island, asking questions.

She was smart, as Ford could tell, but she was nosing around in the wrong place for answers that she might never get. What’s worse: she practically led her half-siblings to Tomlinson’s door, and to Sanibel, where it was easy to get into trouble if you weren’t careful enough.

Doc Ford knew all about that, too. It hadn’t been long since he’d returned to Sanibel from the Bahamas, where Jimmy Jones, a “shrewd operator,” had hidden millions of dollars in shipwrecked gold that the government, divers, and archaeologists all wanted to find. Ford didn’t know where Jimmy was or whether he was even alive, but he knew where the gold was stashed. Some of it, in fact, was hidden in a buoy beneath Ford’s houseboat – a little secret that he hoped the thieves who’d kill for it would never learn...

So, here’s the thing: “Salt River” is a thriller-not-thriller.

It’s clever, times two. Author Randy Wayne White’s Doc Ford spins a double scam in this story and it’s a plot line readers (and fans!) will love because it’s... well, no spoilers here. It’s good

because Tomlinson has a large part in this book and he’s a generally likable guy. This book sews up a seam that ripped in past books – don’t worry, you’ll catch up quick enough, if you’re not a regular Ford-novel reader – and it leaves another tear in a different spot that’s made for more Ford.

But thrilling? Not so much. There’s action in “Salt River,” but it’s not a leap-out-of-your-seat kind of thrill; it’s more like a sink-in-your-chair-and-enjoy kind of novel with enough high-tide danger, intrigue, and action to keep you reading. With guns and sharks but little-to-no profanity or sexplicit scenes, you could almost call it Heart-Pounding Light.

For readers who like mile-a-minute novels but want something just a tad gentler for once, this one’s what you need to find. Of course, mystery-thrillers are what you love, and “Salt River” is the spittin’ image.



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# Start thinking about Canada geese management now

Canada geese begin scouting for nesting areas in February, and now is when goose management techniques should begin. Canada geese prefer to nest near water bodies surrounded by short, mowed grass offering a clear line of sight to look for potential predators.

Fortunately, implementing harassment techniques, installing fencing or other barriers, and the avoidance of feeding geese can prevent unwanted nesting on your property. For more information on the practices and how to do them, visit the website <https://www.in.gov/dnr/fishwild/3002.htm>

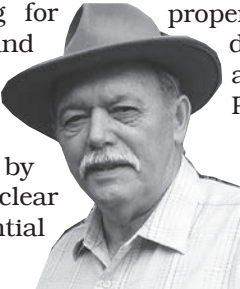
A permit is not required to harass geese if they are not physically harmed. If necessary, nests without eggs, hatchlings or young birds can be removed at any time without a permit.

### New Exhibits at Goose Pond FWA Marsh Madness

Goose Pond Fish & Wildlife Area will celebrate the return of Sandhill cranes and waterfowl in conjunction with the Marsh Madness Sandhill Crane Festival on Feb. 28 and 29. During the festival, be sure to stop by Goose Pond FWA to see the new interpretive exhibits.

Marsh Madness is a community-based birding festival in Linton. There will be a kickoff banquet, craft fair, live birds of prey, events for children, and other activities. The kickoff banquet will be Feb. 28 at Linton Elks Lodge, 9779 State Road 54, in Linton. Saturday's activities will be at Humphreys Park, 1351 A St. NE, in Linton, Indiana.

Goose Pond FWA's new interpretive exhibits will also be open during the festival. They include a timeline of the



SPAULDING OUTDOORS  
By Jack Spaulding

property's history and educational dioramas highlighting wildlife and habitat found at Goose Pond FWA.

An interpretive trail near the visitor center is also in development. When completed, the half-mile walking trail will feature educational signage and prairie and wetland habitat demonstration areas. Tours of the interpretive trail under development will be available Feb. 29 during Marsh Madness.

Goose Pond FWA will expand office hours beginning Feb.29. The new hours will be 9:00am to 5:00pm, Monday through Saturday, and noon to 5:00pm on Sundays.

Marsh Madness is led by the Friends of Goose Pond through a partnership with the Indiana Division of Fish & Wildlife.

Goose Pond FWA is located at 13540 W. County Road 400 S., Linton, Indiana.

For more information about the event, including a full schedule, see [friendsofgoosepond.org/marsh-madness/](http://friendsofgoosepond.org/marsh-madness/).

Single tickets for the event are \$25 each. To purchase tickets, see [friendsofgoosepond.org/product/2020-marsh-madness-ticket/](http://friendsofgoosepond.org/product/2020-marsh-madness-ticket/).

### Women's Wilderness Weekend at Patoka Lake

Women interested in participating in a women's-only event at Patoka Lake to learn outdoor skills in a relaxed environment on April 24-26 have until April 10 to register.

The event will start at the Patoka Lake Nature Center and includes overnight camping for the duration of the weekend. Women ages 16 and older

can participate in activities including in-depth archery lessons, kayaking, kayak fishing, Dutch oven cooking, basic bush craft, wild edibles, wilderness first aid, yoga, trap shooting, rifle, boat operations, self-defense, wildlife tracking, beginner birding, beginner bow hunting, hunting basics, and more.

Meals will be provided on Saturday and Sunday. Camping will take place in the modern electric campgrounds. There is a registration fee of \$65 per participant.

For more information or to register, call 812-685-2447. The event is being sponsored by the Dubois County Shooting Sports Instructor Council.

Patoka Lake ([on.IN.gov/patokalake](http://on.IN.gov/patokalake)) is located at 3084 N. Dillard Road, Birdseye, IN 47513.

### Ouabache SP Indiana Master Naturalist Class

Ouabache State Park has partnered with Friends of Ouabache State Park and Wells County Purdue Extension to host an Indiana Master Naturalist class on Wednesdays from March 11 through May 6 from 9:00am to noon.

The Indiana Master Naturalist Program (IMNP) was developed by the DNR and Purdue University Extension to provide Hoosiers who love experiencing and sharing nature with others with hands-on educational opportunities. Class sessions include bats, reptiles, plants and rivers among other topics.

The mission of the IMNP is to bring together natural resources specialists with adult learners to foster an understanding of Indiana's plants, water, soils and wildlife and to promote volunteer service in local communities.

Cost for the class is \$75, and registration is due February 28. To register

or learn more about the program, contact Jody Heaston, Indiana State Parks volunteer coordinator, at 463-203-6562 or email [jheaston@dnr.IN.gov](mailto:jheaston@dnr.IN.gov) or visit Wells County Purdue Extension at 4-H Park in Bluffton.

The standard park entrance fee will be waived for students during class times. Ouabache State Park ([on.IN.gov/ouabachesp](http://on.IN.gov/ouabachesp)) is at 4930 E. St. Road 201, Bluffton, 46714.

'till next time, Jack  
Readers can contact the author by writing to this publication, or e-mail at [jackspaulding@hughes.net](mailto:jackspaulding@hughes.net)

## Tomato

FROM PAGE 3

Another challenge for AcMoody Farms is farm labor, although AcMoody said his farm has been lucky in that its farm labor has been relatively stable. The farm hires 15-20 largely Hispanic migrant laborers every season; some of these workers have been with the company for as long as 17 years.

The E.A. Reichart Quality Achievement Award was given out during Red Gold's 29th Annual Growers Banquet in Indianapolis. The banquet is held in conjunction with the Indiana Raw Products Conference, sponsored by Purdue University.

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# CHAMPION SEEDS



# Bloomberg comments don't sit well with farmers

**BY DOUG GRAVES**  
Ohio Correspondent

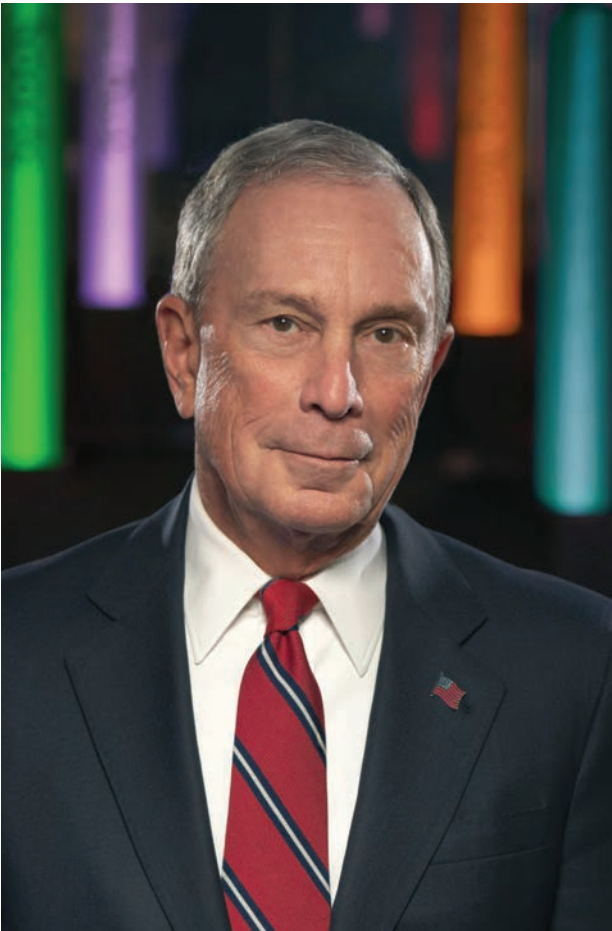
HILLSBORO, Ohio — Michael Bloomberg is said to have short legs, but there are many who believe the U.S. Presidential candidate can still insert a foot into his mouth.

Comments made by Bloomberg two years ago about farmers is resonating today and causing a fire storm, not only among the other presidential candidates but those in agriculture as well:

Bloomberg, Nov. 17, 2016: If you think about it, the agrarian society lasted 3,000 years, and we can teach processes. I can teach anybody – even people in this room, so no offense intended – to be a farmer. It's a process. You dig a hole, you put a seed in, you put dirt on top, you add water, up comes corn. You can learn that. Then you had 300 years of the industrial society. You put the piece of metal on the lathe, you turn the crank in direction of arrow and you can have a job. And we created a lot of jobs. At one point, 98 percent of the world worked in agriculture. Today it's 2% of the United States.

The viral 58-second clip, seen more than 3.5 million times on Twitter alone since Friday, Feb. 14, was lifted from a 2016 appearance at the University of Oxford in England in which Bloomberg, speaking to a group at the Said Business School.

Kevin Sheekey, Bloomberg's campaign manager, complains that the remarks were taken out of context and exploited by his rivals, specifically Democratic presidential



**Above:** Presidential candidate Michael Bloomberg has his sights on becoming the next President of the United States, but comments he made about the American farmer in 2016 have come back to bite him. (photo submitted)

front-runner Senator Bernie Sanders of Vermont. In a statement, Sheekey pointed out that the clip leaves off "Mike's first sentence where he is referring to agrarian society that lasted 3,000 years, not farmers today."

Bloomberg's comments in 2016 came about after he was first asked how the United States should address income inequality. Then, Bloomberg talked about educational inequality. This all led to the comments about farmers, which led to tweets and comments by celebrities and farmers alike.

In a Tweet, Donald Trump Jr. wrote: "Bloomberg wouldn't last three seconds as a farmer, but like his comments on minorities, you can tell he really hates regular hardworking Americans."

Charlie Daniels Tweeted: "He will never fight for them because he couldn't care less about them."

Chicago Tribune columnist John Kass wrote: "Bloomberg: mocking American farmers is no way to unify the country. He might as well have called them deplorable rubes."

The backlash on social media was swift, just as it was among many farmers across the Buckeye State.

"Mr. Bloomberg may have a lot of money and know a lot about many things, but when it comes to farming he has no idea what we do nor how long it takes to do these jobs," said Dale Anderson, corn and soybean farmer in Ross County in Ohio. "The general public hasn't a clue to knowing all the tasks we perform on the farm and

it's much, much more than planting a seed and covering it with soil."

Daryl Caldwell of Mahoning County assists his father-in-law in tending to a 300-sow operation. Caldwell found Bloomberg's comments "distasteful and unknowledgeable."

"It's quite obvious he knows little about agriculture and that's sad," Caldwell said. "Too many politicians claim to know a lot about every occupation, but in agriculture he's clueless."

Such a political gaffe by Bloomberg could haunt him through November's election. Bloomberg's elitist fanning comments could be the Hillary Clinton 'Deplorables' moment that poses the biggest threat to his campaign.

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**1979 IH** Tandem grain truck, twin screw, gas engine, 5 & 4 speed, 2 owners, \$7900. 937-658-1204 Sidney, OH.

**1985 IH** 18' Stake bed dump, 466 engine, \$4000 obo. 765-524-4073 Straughn, IN.

**1992 Int.** 9400 semi, runs gd., gd. tires, AC/heat, new clutch, \$5400. 765-366-1314 Darlington, IN.

**1997 GMC** dually, flatbed, dsl., extended cab, 87,000 mi., \$5200. 765-332-2326 Straughn, IN.

**1999 Ford** F250, XLT, 7.3 dsl., 4x4, extended cab, gd. tires, gd. cond., 206K, \$9750. 419-542-8557 Mark Center, OH.

**2000 FLD** freightliner, Cummins engine, 10 spd., almost new, virgin tires, 130,000 actual miles, \$18,000. 812-239-5512 Clay City, IN.

**2004 Sterling** 5/7 yd. dump, C7 Cat. Allison auto, new tarp, hitch, low miles, like new cond. Call 517-262-1759 Horton, MI.

**2005 Int.** 9400, 665k mi., 10 sp. trans., full lockers, 450 HP ISX Cummins, newer rubber, dlb. line wet kit, \$18,000 w/wet kit, \$16,000 without obo. 937-467-1133 Versailles, OH.

**2005 Peterbilt** semi 379, ext. hood, 72" bunk, 13 spd., 550HP, in frame, major 100K ago, cab, all new cherry floor, new seats, used on grain farm, really nice, \$59,000. 317-440-2064 Zionsville, IN.

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**2006 Western** Star, day cab, white, Detroit series 60, 515 HP, 13 spd., 581,000 miles, full lockers, single line wet kit, alum. rims, tools box and half fenders, stainless bumper, dual air cleaners and visors, new 22.5 tires on front, drives are 75%, new starter, AC compressor and driver seat, rebuilt drive line and fifth wheel in last year and a half, truck is ready for work, \$22,000. 513-417-1185 or 812-438-3757 Rising Sun, IN.

**2007 Mack** CX613 tractor, 550,000 mi., very nice, pre emissions, \$19,000. 260-410-0503 Ft. Wayne, IN.

**2008 Dodge** 3500, 6.7 Cummins, 4 door, shortbed, all elect., 132,000 mi., very gd. cond., \$26,000 obo. 765-265-1046 Connersville, IN.

**2008 Ford** F250 XL, dsl., 4x4, crew cab, gd. tires, gd. cond., Texas truck, no rust, 243K, new turbos, deleted & tuner, \$13,250. 419-542-8557 Mark Center, OH.

**2009 Int.** 8600 Transtar, Cummins ISM, 346,900 mi., 10 spd., 75% tires, tandem, ultra shift, no DEF, well maintained, \$22,500 obo. 317-339-0388, 317-339-9255 Camby, IN.

**2012 Peterbilt** 389, \$42k, MX485, 13 sp., flex air, full locking diff., alum. wheels, dual exhaust/breathers, 48" flat top sleeper, 674k mi., 260-438-8016 between 6am-6pm.

**2014 Ford** F250 4x4, 58,700 miles, reg. cab, 8' bed, 1 owner, \$19,800 obo. 765-745-0288 Arlington, IN.

**2014 Mack** CXU 613 flat top sleeper, deluxe interior, MP8, 13 spd., 550,000 miles, tires and brakes 90%, just through Mack shop for annual inspection, 2017 Timpte Super Hopper 43x72x96, large commodity hoppers w/large doors, 3 vibrators, tires 90%, brakes new, truck works daily, \$67,000. 937-597-2689 Urbana, OH.

**2015 Volvo** vnm64t day cab semi, 425HP, 10 spd., 510K mi., runs great, gd. tires & brakes, very well maintained, \$24,500 obo. 765-517-2507 Marion, IN.

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**1999 751** Bobcat skid loader, 60" bucket, gd. tires, 2550 hrs. 419-305-3938 Rockford, OH.

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**1960 641** Ford WorkMaster tractor, w/Superior loader, hyd. bucket, runs gd., \$4000. 765-546-0841 Winchester, IN.

**1972 JD** 4320 standard, factory cab, gd. cond. 937-603-6419 New Paris, OH.

**1984 Case** 2390, 160HP, 1 owner, 4915 hrs., duals, front weights, \$6000. 765-524-4073 Straughn, IN.

**1984 JD** 8430, 466 motor, quad range, 250 hrs. on overhaul, new clutch, gd. paint, tires 60%, fast hitch, PTO, \$20,000. 937-417-2427 Greenville, OH.

**1990 Ford** Versatile 946, low hrs., 20.8x42 duals, very nice, \$32,000. 260-410-0503 Ft. Wayne, IN.

**1991 Case** IH 7120, MFWD, 7215 hrs., (3) SCV, 18.4x42 duals, runs strong. 260-571-0472 Wabash, IN.

**1998 JD** 8100, 4900 hrs., quick hitch, MFWD, 3 hyd. outlets, gd. tires, clean & maintained. 502-689-3026 Marysville, IN.

**2004 Case** IH MX255, MFWD, auto steer, exc. paint & cond., 7680 hrs., \$62,950. 419-542-8557 Mark Center, OH.

**2009 JD** 6430 Premium w/673 self-leveling loader, MFWD, rack & pinion rear axle, 3 outlets, 6200 hrs., \$58,000. 812-521-1746 Seymour, IN.

**2011 JD** 9230, 4261 hrs., 5 hyd., 3pt. PTO, 78 GPM pump, weights, auto trac, ready dif loc, 18.4-46; 2012 JD 8335, 3413 hrs., 18" belts, 5 hyd., PTO, 22 front weights, HD drawbar, 60 GPM pump, leather. 812-343-4474 Elizabethtown, IN.

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**2014 JD** 8295R, 1 unit: 1540 hrs., 1 unit: 1780 hrs., 16 sp. Power Shift, 50" Firestone rear tires, frnt. duals, like new, \$170,000 obo. 260-273-2426 Bluffton, IN.

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**2018 JD** 5090R, MFWD, 145 hrs., w/540R loader, factory warranty remaining, 32 sp. CommandQuad, premium cab, (2) rear remotes, \$66,000. 937-402-0268 Leesburg, OH.

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**7810 Ford** FWA, cab w/heat and air, standard transmission, 100HP, 4000 hrs., \$19,000. 812-212-9646 Sunman, IN.

**AC 8030**, 1987, FWA, 3500 hrs., duals included, 133HP, PS trans., exc. cond., \$24,500. 937-467-9476 Yorkshire, OH.

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**Case IH** 706, 1963, orig. owner, turbo charger, stored inside, serviced annually, tires 60%, \$5000. 419-541-1202 Bellevue, OH.

**Case IH** 986, 1978, orig. owner, 1200 hrs., exc. cond., new interior, 2 remotes, heat, AC, radio, lights all work, duals 75%, \$24,000. 419-541-1202 Bellevue, OH.

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**Cat CH55**, wide stance, 18" tracks, rubber 90%, 4676 hrs., 4 remotes. 574-876-7723 South Bend, IN.

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**IH 1586** 3 remotes, runs gd., rough cond., \$5600. 419-261-0247 Liberty Center, OH.

**IH 786** runs gd., 4000 hrs., gd. cond., \$6800. 419-261-0247 Liberty Center, OH.

**JD 4560**, 2WD, 3 remotes, 20 front weights, 480-80R42 tires & duals 50%, 16.5x16 front tires 50%, 15 spd. power shift trans., quick hitch, 6667 hrs., nice paint, clean smoke free cab, always shedded, \$49,000. 812-592-0478 Deputy, IN.

**JD 4640**, 18.4x38 duals, power shift, gd. paint, 2 remotes, \$17,000. 574-612-6221 Elkhart, IN.

**JD 4640**, power shift, 5200 hrs., 3 remotes, new paint 2 yrs. ago, new air compressor, expansion valve, evaporator, refrigerant for system, new front tires, real gd. rear tires size 20.8x38, \$17,000. 937-459-0977 Bradford, OH.

**JD 5500** tractor, FWD, JD loader, cab, 425 orig. hrs., \$31,500. Call/text Mike 317-538-9792 Danville, IN.

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**1020 IH** flex head, 20', field tracker, ran beans in the fall, working cond., but needs some work, fix or parts, auger has been welded, \$2000. 765-860-3701 Peru, IN.

**1978 MF** 750, 1200 hrs. on complete eng. overhaul, comes w/6R 1163 CH & 16.5' 1859 GH including header cart, always stored inside, \$4500. Call or text 937-508-5635

**1984 Int.** 1440, chopper, spe- cially rotor, rock trap, 4038 hrs., very clean, well maintained; 1996 1020 17.5' GH, \$11,500 obo for both. 937-726-0524 Maplewood, OH.

**2006 Case** IH 2408, hyd. strip- pers, HHFT w/new knives, low ac., exc. cond., \$15,500. 419-542-8557 Mark Center, OH.

**2010 Case** 7120 combine, 4WD, 1118 sep. hrs., guidance ready, new tires. 513-490-0960 Blan- chester, OH.

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**(2) Parker** gravity wagons, approx. 300 bu., 12.5x15 very gd. tires, heavy gears, always shedded, \$1300 for both. 765-914-8837 Williamsburg, IN.

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510 TILLAGE (PLOWS, DISCS, ETC)

**20' Smart** Till, like new cond. 937-538-8516 Anna, OH.

**2009 JD** 637 disc, 32' rock flex, 9" spacing, front blades 23.75", rear blades 23.5", rear hitch, very good, \$20,500. 574-270-0392 Star City, IN.

**2010 Krause** 5635 50' field cult., 24/7 leveling system, K-tine, 5 bar drag, rear hitch, very gd. cond. 567-674-4114 Kenton, OH.

**2013 Kuhn** Krause 8000-40' Excelerator, hyd. adjust gangs, star wheels, rolling reel & rear hitch, very gd. cond. 567-674-4114 Kenton, OH.

**2018 McFarlane** SPR stalk chopper 40', 3 pt. hitch, less than 1000 ac. used, \$23,000. 606-271-1452 for details. Eubank, KY.

**2019 Yetter** 16R30, 2984 cc strip freshener on Hawkins double frame, double fold, 3 pt. toolbar, used less than 250 a., \$79K. 765-661-4462 Fairmount, IN.

**225 Unverferth** 30' dbl. rolling basket, w/leveling bar, nice, \$7000. 765-623-4234 Summit- ville, IN.

**4300 Case** IH field cultivator, 24ft., \$9500; 25ft. Brillion X fold packer, \$10,000. 419-852-1214 Ft. Recovery, OH.

**9' wheel** disc, \$500; 3pt 2 bot- tom plow, \$400. 765-745-0288 Arlington, IN.

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**IH 496** disc, 28', rear hitch, \$2000. 217-840-5205 Rankin, IL.

**Int. 183** 8R 38" wide row crop cultivator. 765-860-2825 Tipton, IN.

**Int. 490** 21' folding disc, 19 1/2" blades on 7 1/2", greasable bear- ings, gd. cond. 567-674-4114 Kenton, OH.

**Int. 645** 32' vibra chisel, single bar harrow, rear hitch, gd. cond. 567-674-4114 Kenton, OH.

510 TILLAGE (PLOWS, DISCS, ETC.)

**JD 845** 12-30" cultivator c-shank down pressure springs, 4 gauge wheels, stabilizer coulters flat fold, \$3000. 574-354-0469 Nap- panee, IN.

**Kongskilde 32'** TripleK model 3500 cultivator, w/one bar har- row, rear hitch w/hoses, good cond., serial# 402969, \$3950 obo. 419-549-0871 Payne, OH.

**Krause 41'** disc, 2158 Swinger type, 20" blades on 8", rock flex, greasable gang bearings, gd. cond. 567-674-4114 Kenton, OH.

**Krause Landsman** 18', 3 bar harrow w/rolling basket, \$7500 obo. 765-265-1046 Connersville, IN.

**Krause TL6200-45** 45' Soil Fin- isher w/knock-on sweeps, updat- ed walking tandems, single point depth control, rear hitch plumbed w/hyd. Motivated seller. 269-876-8939 Galien, MI.

**Landoll Weatherproofer** II, 10 shank disc ripper, model 2320F- 10-24, very gd. cond. 567-674-4114 Kenton, OH.

**McFarlane 25'** reel till vertical tillage tool, blades, knives, & tool are all excellent cond. & field ready, \$16,500. 812-493-6508 Madison, IN.

**Remlinger rolling** basket, 35', direct mount, came off 8210 Krause disc, \$2000. 517-260-3476 Coldwater, MI.

**Sunflower 6332-20** 20' Soil Fin- isher, gd. cond., rear hitch, \$14,000. 937-302-0874 Midland, OH.

**Unverferth 1225** 51' double roll- ing harrow, leveling bar, green color, very gd. cond. 567-674-4114 Kenton, OH.

**Unverferth rolling** harrow, 2 basket w/leveling bar, 25', new tires & hyd. hoses, rebuilt cylin- ders, \$4500. 812-521-1746 Sey- mour, IN.

**Unverferth 1225** 28' or Rem- linger DC 33' both are double roll- ing basket and buster bar, wing wheels, narrow fold, \$8600ea. 317-752-0559 Mooresville, IN.

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520 PLANTERS - DRILLS

**(12) Kinze** precision finger pick up corn meters; (2) JD 8R 7100 planter markers; (2) JD 7100 lift assist wheels w/cylinders. 812-568-8069 Poseyville, IN.

**(12) Martin** unit mounted open- ers (used), less mounting brack- ets off JD 1770, decent cond., \$500 for all. 317-402-0368 Mor- ristown, IN.

**(16) JD** 3 bu. seed boxes for 1770 planter, \$1800 for all. 765-860-5545 Kokomo, IN.

**(24) Yetter** cast spike closing wheels for Kinze or JD planters. 765-860-2825 Tipton, IN.

**(48) used** smooth cast closing wheels off of JD 1700 planter. 574-354-0469 Nappanee, IN.

**(6) JD** heavy duty, single disc fert. openers, off of JD 1775, \$2000 all. 219-869-1266 Fair Oaks, IN.

**1560 JD** no-till drill, 15', 2 pt. hitch, factory markers, fill auger, pop. monitor, everything works as it should, 7 1/2" spacing w/lock- up to plant 15", \$25,000. 765-860-3701 Peru, IN.

**1996 JD** 750 15', 7.5", dolly wheels, markers, Needham press wheels, always housed, very good shape, \$14,000. 419-579-4121 Liberty Center, OH.

**2005 Kinze** 3500 816, very nice cond., stored inside, KPM20- monor, \$32,500. 765-730-4090 Modoc, IN.

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**2006 Kinze** 3500 8-16 planter, coulters, insect., corn & bean meters, tires gd., clean planter, \$35,500. 765-404-0846 Kentland, IN.

**2006 Kinze** 3600, 12/24, rebuilt soybean meters, new drive chains, exc. cond., ready for the field, \$55,000. 812-525-0541 Batesville, IN.

**2010 white** 8100 6 row, 2x2 and pop up, row cleaners, corn and bean plates, excellent cond., \$18,000. 812-212-9646 Sunman, IN.

**2017 Kinze** 3500 815 planter, box extensions, no-till, Keetons, 1300 acres, \$49,000 obo. 513-313-4338 Lynchburg, OH.

**3 pt.** hitch planters, JD & Kinze, in stock or custom build, many planter parts avail. Tanner Equipment. 815-573-3394 or 815-791-4074 Kankakee, IL.

**7200 Max** Emerge II conservation, no-till, 6R-30", corn & bean meters, liq., finger pickup, 100 monitor, low ac., always shedded, clean, very nice, \$12,500. 765-914-8837 Williamsburg, IN.

**Case IH** 1255, 2014, 16x30, like new, 6100 acres, 600 gal. fert tank, in row starter, w/monitor, on board hydraulics. Call 517-262-1759 Horton, MI.

**GP drill** 20', no-till caddy, markers, model 2000, solid stand, VGC, \$7500. 731-676-3438 Bradford, TN.

**Great Plains** 30' solid stand, no-till drill, 1200 ac. on new blades, bearings & openers, field ready. 812-236-0454 Clay City, IN.

**JD 1590** 20' no-till drill, new boots & blades, 7.5", 2 pt., markers, float tires, pop. monitor, Needham press wheels, exc. cond., \$46,500. 419-542-8557 Mark Center, OH.

**JD 1590** no-till drill, w/dolly wheels, hyd. JD markers, liq. fert. to all rows, scales, flotation tires, very low ac., same as new, \$42,500 obo. 419-564-1534 Ontario, OH.

**JD 1770** 12 row planter, 2001/liquid fert. JD openers/vac, \$24,500. 260-525-8499 Geneva, IN.

**JD 1770** 12/30 no-till planter, liq. fert., insect., 20/20 air force down & up pressure, hyd. drive. 574-876-7723 South Bend, IN.

**JD 7000** 7R30 splitter attachment, new openers, 1 year on Keeton firmers, 1.6 bu hoppers, radial bean meters, ground drive, NT coulters avail., \$4500 obo, no Sunday calls. 616-994-3512 Holland, MI.

**JD 7000** cons. 6RN, liq. fert., Yetter fert. openers, Yetter row cleaners, no-till coulters, seed firmers, precision meters & tubes, cast closing wheels, exc. cond., \$8900. 419-585-0291 Republic, OH.

**JD 7000** no-till 6R 30" corn planter, field ready, \$3500. 606-584-5844, 606-798-3287 Maysville, KY.

**JD 7000**, 6R, liq. fert., pop up, precision meters, spike wheels, \$3000. 937-564-8530 Versailles, OH.

**JD 7200** 630 no-till planter, liq. fert., row cleaners, sprayer attachment to spray behind, JD 200 monitor, always shedded, \$10,000. 937-475-5461 Yellow Springs, OH.

**JD 750** no-till drill 15', dolly wheels, 7.5" spacing, JD markers, exc. cond., greased & field ready, \$11,800. 937-725-7351 Sabina, OH.

**JD 750** no-till 20' drill, 2 pt., w/Unverferth hopper ext., hyd. fill auger, \$8500. 317-512-2129 Franklin, IN.

**JD elect.** clutches (16) for seed meters, \$175 ea.; JD HD single disc fert. units (16), \$500 ea.; refuge seed tank for JD planter, \$1500. 765-585-0180 Kingman, IN.

**JD model** 1990, 35' air drill, exc. cond., barn kept, \$35,000. 812-820-3928 Deputy, IN.

**JD planter** parts, 64 seed openers + 14.75", \$10 ea.; 12-3 bu. seed boxes w/rebuilt E-set meters, \$150 ea.; 12 pro shaft seed drives, \$20 ea.; elect. Air Force compressor w/air bags & brackets, \$2500. 317-402-0368 Morristown, IN.

**Kinze 2000** 6R, w/row cleaners and seed monitor, excellent cond., \$6000. 812-709-1904 Cannelburg, IN.

**Kinze 2300** 12-23R soy bean planter, no-till, box ext., rubber & curved tine closing wheels, stored inside, \$25,000. 740-621-1764 Somerset, OH.

**Kinze 2600** 1631 no-till, \$27,000. 765-438-2011 Sharpsville, IN.

**Kinze 3500** 8-16 new in 2018, 1150 ac., corn units never used, box extensions, \$52,500. 765-426-7645 Fowler, IN.

**Kinze 3500** twist and turn, 6/6R, no-till, fert., row cleaners, corn/bean meters, \$38,500. 765-525-9684, 317-364-9603 Waldron, IN.

**Kinze 3500**, 8/16, no-till, liq. fert., corn bean meters, like new, 741 ac. 812-593-5077 Greensburg, IN.

**Kinze 3500** 8-16R, no-till corn & bean meters, box extensions, starter, fert. field ready, \$39,000. 317-557-3233 Boggs town, IN.

**Kinze 3500** 8-15 split row planter, Keetons, box extensions, corn & bean meters, field ready, \$38,000. 812-525-8618 Seymour, IN.


**Kinze 3600**, 16R-30" planter, row cleaners, 2x2 fert., set up to run off JD 2630 monitor, ready to go to field, \$37,000. 317-642-6037 Flat Rock, IN.

**Kinze planter** parts, (12) floating row cleaners, (6) UMO fert. openers like new, (24) cast closing wheels, monitors, rubber & spike closing wheels. 765-265-1046 Connersville, IN.

**Kinze Twin** Line 16-31, gd. cond., \$29,000. 419-231-1130 Ottawa, OH.



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520 PLANTERS-DRILLS

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**Planter parts** and attachments. Complete planters and soybean splitter bars., Lots of parts. 217-397-2404 Rankin, IL.

**Refuge tank** for 1770 JD planter, make offer. 765-661-9902 Swayzee, IN.

**Tye Series** no-till, 7.5" spacing w/markers & seed monitor, field ready, \$6500 obo; Hiniker 22 1/2' w/harrow, shank protectors, \$1500; JD 7000 12R, FF, Precision corn meters w/seed firmers, liq. fert. & monitor, field ready, \$4500. 317-695-5587, 317-695-4682 Charlottesville, IN.

**Used JD** 7000 6R-30" planter w/Dickey-john monitor, 1.6 bu. boxes, JD insect., HD, no-till HD down springs, \$6000. 765-894-0493 Lebanon, IN.

**Vangaurd VM-2600** drill monitor, \$500; (12) precision planting finger pick up seed meters for JD 1700 series planter, \$100 ea. 419-203-2741 Middle Point, OH.

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**2011 NH** 7060 rd. baler Silage Special, 7315 bales, one owner, \$19,500. 937-539-0077 West Liberty, OH.

**2014 NH** BC5070 small square baler, great cond., low bale count; 1976 IH 1466. 937-621-0430 Fountain City, IN.

**5405 Agco** 9', 3 pt. disc mower, gd. cond., \$4200. 812-593-1066 Greensburg, IN.

**Deere 458ss** baler w/net wrap. Deere 835 center swing discbine w/rubber conditioners, bought new & limited use, exc. shape, \$10,500 ea. 269-358-2459 Sherwood, MI.

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

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**Balzer 2600** Magnum, 540 PTO, 6" suck hose, located in Albany, IN. \$4000. Call or text 765-414-7485

**H&S 430** bu. tandem spreader, flotation tires, hyd. end gate, gd. cond., \$8500. 317-498-0888 Shelbyville, IN.

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# Michigan appeals to USDA for help with asparagus

BY STAN MADDUX  
Michigan Coorespondent

LANSING, Mich. — Members of Congress from Michigan are going to bat for producers of asparagus in the state feeling sabotaged financially by cheap imports. USDA is being asked to purchase 3.5 million pounds of processed asparagus from Michigan farmers prior to the April harvest season to make up for market share lost to countries like Peru and Mexico selling asparagus in U.S. for less than what it costs to produce here.


Michigan is the largest U.S producer at more than 23 million pounds of asparagus harvested in 2018, according to the National Agricultural Statistics Service under USDA. “The influx of

processed asparagus from Peru took over many of the contracts typically filled by domestic producers, causing domestic asparagus intended for processing to be diverted to the fresh market or to not be harvested at all,” said Debbie Stabenow and Gary Peters, the two U.S senators from the state in a joint letter to USDA secretary Sonny Perdue.

Huizenga cited what he called questionable foreign trade practices for longstanding growers of asparagus in Michigan and the U.S. losing sales and receiving less money for their crop. As a result, Huizenga said many growers in 2019 did not harvest their fields, complete their harvest or diverted their crop to other markets to minimize losses. “This sudden change in the market is a critical threat for growers in the short-term as well as for the long-term viability

of the domestic asparagus production in the U.S.,” Huizenga said in his letter to Perdue. According to USDA, the share of U.S asparagus consumption through imports exploded from 10.8-percent in 1980 to 91.2-percent in 2015. It’s estimated asparagus from Mexico accounts for 55-percent of all asparagus in U.S stores.

The federal lawmakers said USDA purchasing the asparagus would provide critical relief for both the processed and fresh asparagus industry by raising prices. Growers are hoping for a decision from USDA by mid-March. “USDA has been very responsive to the asparagus industry’s request and the bonus buy request is moving forward,” said Dawn Drake, general manager of the Michigan Agricultural Cooperative Marketing Association.



MICHIGAN  
ASPARAGUS

USDA is being asked to make the purchase with its Section 32 funding already used to make \$400 million in livestock, fruit and vegetables annually to support pricing.

Bill Knudson, an agricultural economist at Michigan State University, said interest in USDA buying commodities has increased in a lot of areas and there could be a market in areas like school lunch programs for USDA purchased asparagus. “Asparagus is pretty healthy food and I think it has some potential to find a market either in school lunches or some other type of food distribution type programs for people having a hard time paying for food,” Knudson stated.

## Jr. FFA

FROM PAGE 10

competitions at the sixth grade level this past year. Fourteen states held competition at the seventh grade level, whereas 17 states held competition at the eighth grade level. Those areas of competition include livestock judging, public speaking, crops, livestock showing, meats, horse judging, agricultural mechanics, agricultural science fair and dairy foods.

“Most state FFA executive secretaries indicate that middle school programs were beneficial to the students as well as to the states,” Rosetti said. “Students were more aware about agriculture and more informed about careers in agriculture. The students benefited from the hands-on experience in

the classrooms and felt that these programs were a boost to secondary school enrollment.”

In 2017, the Talawanda High School FFA in Oxford, Ohio partnered with Talawanda Middle School to start an after-school program for those in grades 6-8 who have an interest in agriculture. High school advisers met with students once a month and averaged 30 students per meeting. The group is still going strong with topics of food science, animal science, meat science, small engines, greenhouses and plant science.

Versailles High School in Darke County in Ohio has been in existence since 1935. The chapter has offered FFA for eighth graders the past nine years. There were 16 members in 2011. There were 34 members last year.

At Versailles High School in Darke

County, Versailles High FFA advisor Dena Wuebker sees advantages to FFA reaching into the eighth grade ranks.

“The eighth grade FFA students can earn high school credits in the

areas of agriculture, food and natural resources,” Wuebker said. “These students take FFA courses every day, all year long. We’re offering them more exposure to agriculture and we have high expectations of them.”

**Below:** Newly formed this school year is the FFA chapter at King Middle School in Mercer County in Kentucky. Advisor Morgan Milburn’s plans are to get students aware of agriculture and the FFA. “The plan is to grow our chapter and get involved with many different things in our school and community,” Milburn said. (photo submitted)



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## SECTION B

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# FarmWorld

Wednesday, February 26, 2020

## After 2020 positive trend in ag tractor sales forecasted

BY DOUG SCHMITZ  
Iowa Correspondent

MILWAUKEE, Wis. — Industry analysts are forecasting a positive trend in agricultural tractor and self-propelled combine sales for the next several years, with the recently-passed USMA's Phase One bolstering the soybean market and overall capital expenditures.

That's according to new data from the Assoc. of Equipment Manufacturers (AEM) and Oxford Economics, which added the slight downturn in sales this year will rebound in 2021.

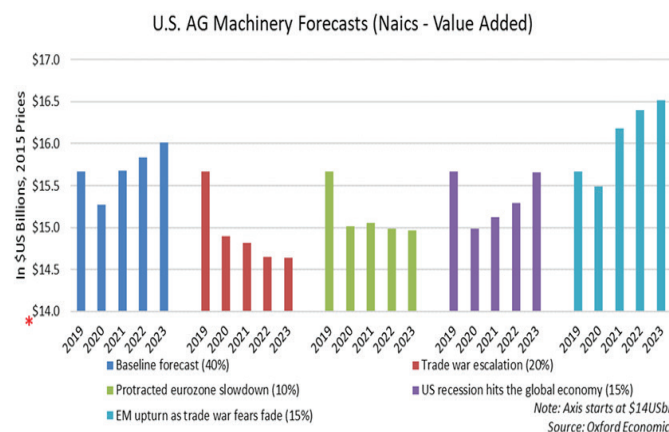
"Bad weather, trade protectionism and slower growth around the globe were the main impediments to further growth in 2019," said Benjamin Duyck, AEM market intelligence director. "Future global slowdowns could reduce food production, putting downward pressure on farmers' incomes."

"Escalation in the U.S.-China trade dispute could also cause concerns for ag equipment manufacturers," he added. "However, despite its limited scope, the recently-passed Phase One deal should provide relief, both for the soybean market, as well as overall capital expenditures."

In 2019, the U.S.'s agricultural mechanization sector grew a better-than-expected 3.2 percent to \$15.6 billion, added Duyck, citing Oxford Economics data.

According to Oxford Economics, the agricultural machinery industry is looking at

(Tractor sales continued on page 5B)



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# Impact of the 2019 growing season on Lake Erie algae

BY CELESTE BAUMGARTNER  
Ohio Correspondent

COLUMBUS, Ohio—Heidelberg University has been monitoring Maumee River water, which flows into Lake Erie, for 45 years. Last April, something weird was going on which could affect harmful algal blooms (HABs). It will be a topic for discussion at the March 3-4 Conservation Tillage and Technology Conference in Ada.

When Laura Johnson, director of the National Center for Water Quality Research at Heidelberg, started looking at the numbers, she was puzzled.

“We were getting a lot of storm events,” Johnson said. “Looking at the raw data, the (phosphorus) concentrations weren’t getting as high as they normally do during storm events. Typically, every summer, the dissolved phosphorus (DRP) concentration increases, and then it comes back down.”

Something is weird, Johnson told a colleague. Particulate phosphorus was high because the rain caused plenty of erosion, but the DRP was lower than expected.

Particulate phosphorus is phosphorus associated with the soil particles, Johnson said. DRP is the phosphorous that one can’t see, but it is easy for algae to use because it’s like the “sugar” of the phosphorous world. “Flow was high; particulate phosphorous was still really high because we had plenty of erosion,” Johnson said. “But the dissolved

phosphorous was lower than expected. This information might be important. Our forecasting has been biased towards dissolved phosphorous.

Based on flow, researchers expected last year’s bloom to be around 10 on a scale of 1 to 10. Instead, it was from 7 to 7.5. Still high, but not as high as expected, Johnson said.

Meanwhile, Greg LaBarge, Ohio State University Extension field specialist, did some surveys. He found that much less fertilizer was applied in the region from October 2018 through the end of May 2019.

“A lot less nutrient went on the soil,” LaBarge said. “Some of our ag practices, such as fertilizer application, even crop reduction had to be a part of that reduction we saw in DRP. But we still had enough phosphorous going down that there was a significant bloom.”

This indicates that there’s still phosphorous available in the soil, in addition to phosphorus stored in ditches, stream banks, the whole watershed system, which ends up in Lake Erie.

“It is going to take other practices than just thinking about nutrient management,” LaBarge said. “We need to think about water management practices; drainage water management, filtering phosphorus out of the water at the edge of field, wetlands and other practices that change the water leaving fields.”

(Algae continued on page 9B)



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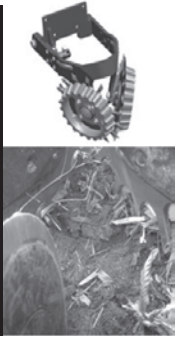


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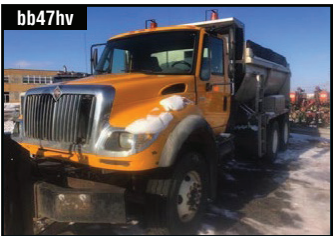
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# INFB hosted advocacy day at Indiana Statehouse

INDIANAPOLIS—Indiana Farm Bureau in conjunction with the Indiana FFA Association hosted an advocacy day at the Statehouse in Indianapolis on Feb. 17. More than 150 FFA students from across the state met with more than 30 state legislators to discuss how legislation could affect their future and the future of agriculture.

“This year’s FFA Advocacy Day was a tremendous success,” said Katrina Hall, INFB’s director of public policy. “With such a large group of FFA members participating, it highlights how important these students are to the future of agriculture and rural Indiana. The day’s purpose is to help

them learn about becoming more engaged in the legislative process and policy discussions as a whole.”

The day began with a welcome from Randy Kron, INFB president, who spoke on the importance of grassroots advocacy. Then, the students received advocacy training and were briefed on key issues from the INFB public policy team.

During lunch, students heard from Lt. Gov. Suzanne Crouch. Following her remarks, the group was able to meet with legislators to discuss how policy decisions impact them personally. Their discussions focused on agricultural career and technical education funding and expanding rural

broadband.

“Advocacy Day allows students to interact with legislators and promote how they really feel about the crucial issues facing agriculture today,” said Dillon Muhlenkamp, Indiana FFA president. “Farm Bureau gives students the knowledge and tools on how to effectively share their stories related to these issues and how to best support agriculture in the state of Indiana.”

The students also had the opportunity to network with other leaders in the agriculture industry during the day including representatives from the Indiana State Department of Agriculture and Purdue University.



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Tractor sales

FROM PAGE 1B

a down year for 2020; however, they forecast that slip will turn back around for 2021, an AEM statement read.

Overall, their most likely scenario of a 2.5 percent drop looks to be just a one-year event and not the start of a trend. Projected 1-2 percent annual growth over the following years would put manufacturers more than 2 percent above their 2019 performance by 2023, the analysts said in a Feb. 14 statement.

Oxford Economics added the worst-case scenario is an escalation in global protectionism, which they said has a 20-percent probability. In that scenario, agricultural equipment sales would slide for each of the next four years, with 2023 sales being more than 6 percent lower than 2019.

"However, they also assign a 15-percent probability of expanded growth occurring if global governments ramp down trade tensions, cutting 2020's forecast loss in half and putting 2023's performance more than 5 percent above 2019," the statement read.

While all forecast models show a drop in 2020 of varying sizes, Oxford Economics and Duyck said the chances are better than not that the medium-term trend will be positive.

"With the USMCA having passed in Washington and the Phase One agreement struck by President Trump and Chinese President Xi, we believe one of the more positive scenarios to be increasingly likely," Duyck said.

"While some of the environmental and global economic concerns remain question marks, the trade concerns that were modeled into some versions of the forecast seem to be relaxing," he added.

In another AEM report, January 2020 saw mixed results in overall U.S. sales of tractors and self-propelled combines, with total farm tractor sales growing, compared to January 2019, while combines fell by a quarter.

U.S. total farm tractor sales increased 4.7 percent in January, compared to last year, while U.S. January self-propelled combine sales fell 24.4 percent. The report added total U.S. sales of 2WD tractors grew in all segments in January, a total of 4.9 percent, compared to January 2019.

In addition, under-40 horsepower 2WD tractors were up 2.6 percent, and sales of 40-100 horsepower tractors went up 4.6 percent, while sales of 100-plus horsepower tractors led the way with 19.6 percent growth to 1,361 units. Total November 2019 U.S. 4WD tractor sales fell 6.6 percent to 169 units sold.

For Canada, November 2019 4WD tractor sales fell 84.1 percent (from 69 to 11 units sold year-over-year), and self-propelled combine sales notched down 22 percent.

Moreover, November 2019 2WD Canadian sales were down over all 2.8 percent, with the sub-40 horsepower segment growing 11.9 percent, while the 40-100 horsepower segment fell 18.2 percent, and the 100-plus horsepower segment fell 28.6 percent.

"The sales numbers we are seeing for January 2020 are in line with our expectations," said Curt Blades, AEM senior vice president of agricultural services.

"With the approval of the USMCA and the announcement of the Phase One trade agreement between the U.S. and China, we believe we are seeing some positive trends on the horizon for ag equipment sales."

Mark Killion, director of U.S. Industries for Oxford Economics, told *Farm World* North American production of agricultural machinery was buffeted in 2019 by volatile trade relations and difficult farm growing conditions.

"Output of equipment for use in agriculture stalled as a result, with very little growth seen in the final months of 2019 and the start of 2020," he said. "This leaves the level of output-leaving-output in January 2020 some 3.5 percent lower currently than was seen in early 2019.

"However, we forecast output and sales of equipment to see renewed growth over the course of 2020-21," he added, agreeing with AEM and Oxford Economics' new data.

"After getting past the lingering softness in the first quarter this year, a nascent recovery in farm incomes is expected for 2020, which, along with increased confidence from implementation of the USMCA and progress on trade negotiations with China, should boost output of agricultural equipment over 2021-22."

9TH ANNUAL HENDRICKS COUNTY

ANTIQUE TRACTOR AND MACHINERY

ASSN. CONSIGNMENT AUCTION

HELD AT TED EVERETT FARM EQUIPMENT,

MONROVIA, IN

SATURDAY, MARCH 7TH AT 9:00 AM

LISTINGS AS OF 2/21/2020

1956 FORD F6 TRUCK, NO BED, 2 JOHN DEERE LAWN TRACTORS, 1755 OLIVER DIESEL 3200 HRS, JOHN DEERE 2520, 6FT 3PT ROTARY MOWER, OLIVER GRAIN DRILL, OLIVER RUNNING GEAR WITH FLAT BED, 4FT 3PT SCARIFIER, 4FT DRAG DISC, 2 BRINLEY PLOWS, MYER SNOW BLADE W/MOUNT, ENGINE HOIST, OLIVER 66 NO FRONT END, SMALL GRAVITY WAGON, HUBER MAINTAINER, SCHRAMM COMPRESSOR TRACTOR, FARMALL CUB WITH BELLY MOWER, FRONT BLADE FOR CUB, FARMALL 130 WITH FT BLADE AND MOUNTED DISC, FARMALL 200, FARMALL C FOR PARTS, 41 JOHN DEERE H NEW TIRES AND PAINT, ALLIS CHALMERS WD W/LOADER, 2 ROW FT MOUNT CULTIVATORS FOR WD, COCKSHUTT 30, GENERAL, JD BO, NO FENDERS, 2004 PONTIAC GRAND PRIX, 2006 CHEV. EQUI-NOX, 1990 BMW 750 W/REBUILT TITLE, FARMALL 504 NEW TIRES, NICE PAINT W/3PT ADAPTERS AND 3RD LINK, 2X14 FAST HITCH PLOW, 16 PLUS 4 LIBERTY TILT TRAILER PULLED LESS THAN 300 MILES, CHAINS, BOOMERS, JD PLASTIC PLANTER PLATES, NEW IDEA CORN SHELLER, BOX CORN SHELLER, SET OF AL- LIS 10 SERIES PARTS BOOKS, SET OF NEW IDEA PARTS BOOKS, FORD GRAY 4000 W/LOADER, SANDWICH BURR MILL, 4 GAS GENERATORS 2400 WATT TO 5000 WATT, VARIOUS LAWN IMPLEMENTS, ANTIQUE COKE COOLER, LARGE LOT OF CROCKS AND JUGS, OIL LAMPS AND LANTERNS, CAST IRON COOKWARE, LARGE TRAILER LOAD OF TOYS ANTIQUE AND NEW, ANTIQUE LAWN ROLLER, 4 TRAILER LOADS OF MISC.

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PICTURES ON AUCTION ZIP







# John Lumpe new CEO of Illinois Soybean Association

**BY TIM ALEXANDER**  
Illinois Correspondent

BLOOMINGTON, Ill. — As past executive director of the Ohio Soybean Association, Ohio Soybean Council and Ohio Soybean Council Foundation, John Lumpe knows a thing or two about the economics of soybeans. On Feb. 4, Lumpe, who most recently served as senior vice president of FLM Harvest, began his new career as CEO of the Illinois Soybean Association (ISA).

Taking time out to talk while moving his family from Columbus, Ohio to Bloomington, Ill., Lumpe told *Farm*

World he was looking forward to advancing ISA's commitment to achieving maximum profitability and global competitive positioning of Illinois soy for its farmer-members.

"I've been in agriculture in some way, shape or form my whole career, with most of it focused on the soybean," said Lumpe, who has been married to his wife, an adoptions consultant, for nearly 27 years. The couple have two grown kids, Jack, 23 who will graduate



JOHN LUMPE

from college this year with a degree in communications and entrepreneurship, and Henry, a freshman in college also majoring in communications.

One of Lumpe's biggest responsibilities — and one he's had past experience with — will be administering the programs funded by the soybean checkoff program.

"I'm really looking forward to getting back to dealing directly with the farmers. I've always enjoyed working directly for them and with them, and I think the soybean checkoff here in Illinois and in the U.S. provides great opportunities for farmers now and looking ahead. I want to help the 42,000 soybean

farmers in Illinois benefit from the (ISA) and the checkoff program," the new ISA CEO said.

Implementation of Lumpe's and the ISA's short and long term priorities and goals begins with a "100-day plan" to usher in his tenure at Illinois Soy.

"I need to get around and introduce myself, or in some instances reintroduce myself," he said. "Commodity groups, allied industries, farmers, board members staff- I need to engage with them one on one, as well as those who represent the national (soybean) groups. I'll take time to assess new opportunities and ideas, guiding principles and strategic planning. I want to establish a good foundation

(Lumpe continued on page 8B)

## — AUCTION — FARM MACHINERY SALE

Located 2 miles south of **KENTLAND, INDIANA** at 17715 U.S. Hwy. 41, on  
**MON., MARCH 9, 2020, 11:00 A.M., CST (Chicago Time)**

### — TRACTORS —

2005 John Deere 8320 MFWD, 18.4x46 Michelin tires with duals, 1500-lb. rear wheel weights, front weights, 14.9R34 front tires with fenders, Integrated Guide Auto Steer, 16-speed PS, quick coupler, 4 remotes, 1000 PTO, 4255 hours, SN 1935; 2005 Versatile 2360 4WD.

520-85R42 rear tires & T-bar duals, 12-speed, 3 ranges, 4 remotes, Bare Back, front weights, Trimble EZ steer, 2537 hours; Guidance System: John Deere 2600 monitor & auto trac ready, Green Star Globe SF2

### — TRUCK — GRAIN CART — CORN HEAD —

2001 J&M 875 grain cart, 66-43x25 tires, small 1000 PTO, 18" corner unload, light package; 1992 Western Star tandem-axle, 18' bed & hoist, Cat 3306 motor, 8-speed Eaton trans., air ride, 11-R 22.5 tires, roll tarp;

300-bu. Pup, center dump, sells separate, roll tarp; 2002 John Deere 893 8RN corn head, hyd. deck plates, 2 seasons on chains, SN 696017; EZ Trail 680 head mover, sells separate.

### — TILLAGE EQUIPMENT —

2006 Kinze 1632 3600 planter, 20-20 monitor, Precision corn & bean meters, liquid fertilizer, no-till coulters & residue managers, Rawson hyd. drive; John Deere 512 Rock Cushion 7-shank ripper with 3-bar harrow; Krause Model 5635 46' field cultivator, knock-on shovels, 3-bar springtooth harrow; John Deere 235 23' wing disc, 9" spacings; Spray King Model 1500 17-knife, 1600-gal.

28% applicator centrifugal pump, electronic rate controller; Vicon Model 190T 500-gal. trailer sprayer, PTO, manual; John Deere 400 hyd.-fold 30' rotary hoe; John Deere Model 2600 5-bottom auto-reset plow; Dunham 16' cultimulcher; John Deere 400 30' & 20' end-trans-port rotary hoes.

### — CAR — MISCELLANEOUS FARM ITEMS —

2007 Cadillac DeVille 4-door hardtop, full power, 47,500 miles; Killbros 350-bu. side-delivery wagon with hyd. unload; Killbros 350-bu. side-delivery wagon; Taylorway 15' batwing mower, 1000 PTO; Kory 220 side-delivery wagon; Three 1000-gal. fuel tanks; Barge wagon with

hoist; Mayrath 6"x25' PTO auger; Stainless steel 300-gal. fuel tank; Assorted John Deere front weights; Saddle tanks; PTO seeders; Honda 100 outboard; 18.4x38 Duals; 5'x8' Single-axle trailer; 12-volt Yard sprayer; And a few other items too numerous to mention.

**AUCTIONEER'S NOTE: About 30-minutes before we get on equipment; excellent condition.**

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## FARM EQUIPMENT AUCTION

Auction Location: 1 mile east of downtown Nappanee, Ind. on US 6 to CR 7 (Oakland), then 1/2 mile north

to CR 54, then east 9/10 mile at **26125 CR 54, NAPPANEE, IN**

**SATURDAY, MARCH 7, 2020 - 10:00 AM**

**OWNER RETIREMENT FARM EQUIPMENT AUCTION**

**TRACTORS • SKID LOADER • MACHINERY • COMBINE & HARVEST EQUIPMENT • GRAIN TRUCKS • TMR**  
2007 Gehl 5640 Turbo E Series skid loader with like new 12 x 16.5 rubber, 6" materials bucket, 6000 hours, s/n 05640T00507585; universal rubber skid loader manure scraper to fit the Gehl skid loader; universal 90" mulch bucket; universal heavy duty 4' pallet forks bucket; 2-prong skid loader bale spear attachment; 1979 John Deere 4640 cab quad range diesel tractor 20.8 x 38 good rear rubber, with direct axle hub duals, 9774 hours, engine has been rebuilt and has approx. 2200 hours on it, with a category 3 quick attach 3 point attachment; John Deere 4440 cab diesel quad range diesel tractor, (6) front weights, dual hydraulics, 18.4 x 38 rear rubber extra deep, 5924 hours, s/n 0006938 w/category 3 quick attach; Set of 18.4 x 38 clamp on T-rail duals; 1966 Allis-Chalmers D-17 wide front gas tractor, Series 4, factory 3 pt., s/n 80135, 1 owner; International model 735 Vari-width 6 bottom semi mount plow with gauge wheel, goes from 14" to 22"; (4) New International moldboards that would fit the above plow or a 720 or 710 to be sold separately; Glencoe 9 spring shank Soil Saver, 111/2' total with Buster Bar; Pull-type International 55 13-shank chisel plow with rear Buster Bar; Sunflower model 1234 32' rock flex folding disc; flat fold Kewanee 1010 18' dual wheel disc; Brillion U-fold 20' solid packer cultipacker; Krause model 4118 23' folding walking tandem field cultivator with rear spring drag; Excellent J&M torsion flex model TF212 25' rolling basket; John Deere 7000 6-row narrow liquid planter with double disc openers, Yetter row cleaners no-till unit with John Deere 100 monitor; John Deere model 750 15' drill, front dolly and Yetter row markers; John Deere Van-Brunt double clutch 17-row double disc opener grain drill with grass seeder; Brillion 6-row 30" 3 pt. Danish tine cultivator; Brillion 10' cultipacker; (4) gas-powered Banjo transfer pumps with varied hoses; Approx. 450 gallon Snyder poly tank; Approx. 150 gallon square poly tanks pop up liquid fertilizer; Winco 1000 rpm PTO 75kw single phase 3 phase generator on a cart; Dayton 50kw surge 25kw PTO generator on trailer; Penta TMR 3020 mixer complete with scales and new knives, nice unit; New Idea 3639 tandem axle manure spreader single beater with manure gate; good Gehl model 2365 discbine, 10'3"; King Kutter 3 pt. rotary PTO brush mower; Stitrex 8-wheel with kicker wheel rake, H90-E8; Pequea model TT2000 double basket hay tedder; New Holland 650 Fastnet big round baler with net wrap and Bale Command; 24' steel bed tandem axle hay rack wagon; 14' hay rack wagon on good gear with upright; Allis-Chalmers 6' PTO hay conditioner; Old New Idea 7' sickle bar mower; New Holland 5-bar semi mount #55 hay rake, no gear box; Old side-delivery pull-type hay rake.

### TRUCKS & COMBINES

1980 Ford 8,000 tandem grain truck hoist, 18' bed with roll tarp, 600 bushel capacity, Cummins 555 diesel engine, 10-speed transmission, approx. 232k miles; 1974 GMC 6000 gas V-8 single axle grain truck with 16' bed, 57k miles, hoist works, just older; 100-gallon pickup truck transport fuel tank with 12 volt pump; Case-IH 1460 axial-flow combine 30.5L x 32 rubber, 5209 hours, rear straw spreader, s/n 62451, Very Clean; Case-IH 1063 6-row narrow corn head; Case-IH 1020 20' grain table, electric over hydraulic; Homemade combine head wagon; J&M small flotation tire head wagon; J & M gravity wagon about 225 bushel on a Kewanee #45 flotation gear; Killbros 350 gravity wagon on flotation gear and (2) DMI gravity wagons on flotation gear; Hutchinson approx. 55' 8" PTO transport auger; 2 Hay Saver round hay feeders; Steel gates; Misc. single phase motors; Heavy built Weldy 12' fence line feeder; Stayfast hitch; International rearwheel-assist to fit an axial flow combine but needs repair; Bachold walk-behind, fence line rotary mower, large wheel with newer gas engine; Lincoln 225 stick welder; Farmhand 85 110 wire welder; Horizontal metal cutting band saw; 28" pedestal floor fan; Heavy duty 40-ton arbor press on casters; Other misc. shop tools; Misc. tires, wagon tires, truck tires, etc.; Older cement mixer with 110 electric motor on cart; Grain bin sweep for a 24' bin; Misc. small chicken feeders; (2) Dickey John moisture testers; Delmhorst probe hay moisture tester; Measuring wheel

**NOTE: We will start on household, then one wagon load of smalls, then approximately 11:00 am be on skid loader to tractors and through the machinery.**

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## ANNUAL FARM & CONSTRUCTION EQUIPMENT AUCTION

**SATURDAY, MARCH 14TH @ 1:00 P.M.**

**2340 W US HWY. 40, CLAYTON, IN 46118**



**RING 3: VEHICLES:** 1953 Chevy 3100 Miles: Exempt, 1964 Cadillac Coupe Deville Miles Showing: 26,000, 1984 Chevy C10 Miles: Exempt, 2007 Nissan Maxima Miles: 109,612, 2003 Ford Explorer Miles: 183,262, 1999 Porsche Carrera 4 Miles: 124,424, 2010 Buick Enclave CXL Miles: 107,143, 2004 Ford Escape Miles: 165,006, 2015 Ford Fusion Miles: 175,984, 1992 Ford F350 XLT Miles: 350,625, 2007 Mazda CX-7 Miles: 139,784, 2007 Honda Odyssey Miles: 233,946, 2007 Jeep Grand Cherokee Limited Miles: 145,508, 2000 Pontiac Grand AM GT Miles: 159,599.  
**SX's, UTV's, 4-WHEELERS:** 2013 Polaris Ranger EV Hours: 200, 2009 Polaris Ranger Crew 700 Hours: 1,000, 2015 Polaris 1000 RZR4 Hours: 114, 2017 Polaris 1000 RZR4 Hours: 90, 2016 Polaris General 1000 Hours: 72, 2014 Polaris 900 Crew Hours: 254, 2015 John Deere 825i SX Hours: 1,210, 2015 Polaris Ranger 900 XP Hours: 846, 2012 John Deere ProGator 2020A, 2003 John Deere ProGator 2020, 2015 Can-Am Commander XT1000, 2013 Polaris Ranger 500 Hours: 300, 2017 Polaris RZR 170, 2006 Harley-Davidson Ultra Classic Peace Edition Miles: 25,776, 1998 SeaDoo Bombadier GTX. **TRACTORS & EQUIPMENT:** 2018 Kubota SVL9S-2S, 2006 Case 440 Skid Steer Hours: 473, International 400 Cyclo 6 Row Planter, Ford 8N Tractor, For-Most Livestock Equipment Model 450 w/ Tru-Test Chute Scale, Horse Drawn Carriage Buggy, (2) Kennedy 2000 Gallon Solvent Tanks, 1 Kennedy 1500 Gallon Solvent Tank. **MOWERS:** Hustler Raptor SD Hours:

150, Bad Boy Z Hours: 471, Grasshopper 718 Hours: 764, John Deere Z225, John Deere GT262, John Deere STX38, Snapper Convertible Mower, John Deere X300 Hours: 160, John Deere L110, Murray Riding Mower, Toro Timecutter Z420, John Deere 345 Hours: 942, Trac Vac. **TRAILERS & BOATS:** 2006 Monterey Boats 250 Cruiser, 2006 Gulf Stream Cavalier. **TOOLS:** Polar King 8'x10' Walk-In Freezer New Unit & serviced a month ago, Stock Rack 18'x6' 6 1/4", Craftsman Table Saw, Porter Cable Cordless Drill, Hand Tools, Performax 12 1/2" New Planer, Rigid Cordless Sander, Ryobi Pressure Washer, McLane Edger, Small Rototiller, Husky Roll Around Toolbox, Wrenches, Screwdrivers, Cordless Drills, Pressure Washer, Echo Weedeaters, Chain Saws, Chicago Electric Flux 125, Sanders, Ratchet & Sockets, Rigid Pipe Wrenches, Performax Router Table & Router. **RING 2: FURNITURE:** Antique Hall Tree, Antique Rocking Horse, Antique Live Edge Kids Bench, Antique Hand Carved Barvarian 2 Piece Cabinet, Dresser, Recliners, 2 Chairs, Round Coffee Table, Maytag Bravos XL Washer & Dryer, Whirlpool Duet Front Load Washer & Dryer, Cast-Iron Settee. **RING 1: SMALLS:** Toy Tractors: Case Axial-Flow 8120, Farmall 560 Diesel, Farmall A, Farmall Super M, Farmall F-20, Farmall Super M, Case Axial-Flow 9120, Allis-Chalmers 8030, Case 800, Playstation 4, Jewelry, Subwoofers, Bicycles, Charging Cables, Small iHomes, Glassware, Milk Glass, Antique Books, Small Decorative Waterers.

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# Lumpe

FROM PAGE 7B

from which to move forward from.”

Expanding market opportunities for Illinois soy and continuing to fund ILSoyAdvisor, an online, regional resource that provides growers with a wealth of tools and resources designed to increase their profitability, will remain top priorities of the ISA in 2020. Lumpe’s short-term personal priorities include attending as many summits, trade shows and seminars geared towards farmers as his schedule will permit.

“Ultimately I work for (farmers), but I want to work with them. I want to hear what they have to say in terms of ideas for the organization. I love the grassroots level and I want to get back to the base,” said Lumpe, who describes himself as a major proponent for advocacy. “I will

advocate at the state and national level for the ISA, the Illinois Soybean Growers and the American Soybean Association. It’s very important, and I’ve always said, that the associations work hand in hand at both the state and national levels, because they need each other. The advocacy component is critical.”

The ISA board of directors selected Lumpe to replace former CEO Craig Ratajczyk, who left the association last August, and interim CEO Mark Albertson.

“John Lumpe will be a tremendous asset to the organization,” said Doug Schroeder, ISA chairman, in an ISA news release. “We are excited about his vision for propelling soybean farmers to even greater heights. Lumpe will be an advocate for the farmer and coupled with his impressive resume of experience and passion for his work, we are very excited about this next chapter in the history of (the) ISA.”

Support Your Local FFA



National FFA Week  
February 22-29

Tobias Auction Service

FARM EQUIPMENT & TOOLS AUCTION

Saturday, March 7th @ 10:00 a.m.

2170 West 1100 South

PARIS CROSSING, IN 47270

Directions: From North Vernon, IN take U.S. Hwy. 3 South to U.S. 250. Turn west onto U.S. 250 for approximately 3/10 of a mile. Turn left at Webster’s Garage on County Road 200 West for 1/2 Mile. Auction on the left “watch for signs”.

Tom Cain has commissioned Tobias Auction Service to help him downsize his farming operation. We will auction on March 7th the following...

**Horse Trailer:** 2010 3H bison Stratus slant load 8 foot wide, 30 foot on floor, 16 foot living quarters, 12 foot slide with new awnings. 4 inch axle lift dual hydraulic jacks. hay rake, outside water spigot and LP hook up. Rear ramp loading and interior lights, separate grey and black water tanks, 18 foot awning, new tires (less than 500 Miles) sink, stove, refrigerator / freezer, flat screen TV, shower, toilet, walkthrough to stalls, ducted furnace and AC. Like new condition.

**Trucks:** 2006 F-350 4-wheel drive dually with utility bed. Has Miller AC/DC welder and Ingersoll Rand 5.5 horsepower Honda motor air compressor. V-8 gas 186,000 miles (good-looking clean truck). 1989 International Harvester S-2300 diesel 800 Bu. tri-axle grain truck w/ tarp.

**Tractors / Construction:** John Deere 4640 w/cab 480 / 80r 42 duals, John Deere 4020 diesel W/F, B Allis Chalmers with cultivators, 3010 John Deere diesel tricycle front, John Deere 450c crawler with clam bucket and backhoe, Vermeer T-600 trencher, 2504 I. H. diesel tractor W/F, John Deere 8630 4-wheel drive with 20.8x34 duals 3-point hitch and PTO 8300 hours (runs good).

**Equipment:** John Deere 1590 drill 10 inch rows, Great Plains 15 foot Bean / wheat drill 7 and 1/2 rows, 15 foot Land-all, 10 foot Massey Ferguson offset disc, Krause 1588 disc, John Deere 7 bottom 2350 - 2450 plow, 9 shank chisel plow, M&W 8 foot pull type rotary cutter, Centry 3-point 300 gallon sprayer, I.H. 496 25 foot disc (great shape), John Deere 460 foot rotary hoe, 3-point forklift, generator with flat head Chrysler engine, tobacco Setter, New Holland 28 foot electric hay elevator, Danuser 3-point post hole digger, John Deere 7200 12-row planter with bean and corn plates and monitor.

**Wagons and Trailers:** (2) J&M gravity wagons 250 Bu. (good shape), Brent 444 gravity wagon 450 bu., M&W “Little Red Wagon” 350 bushel gravity wagon, (2) John Deere 112 silage wagons, 5 ft X 8 ft tilt bed ATV trailer, Hay Wagon, 8x16 dual axle trailer.

**Combines and Heads:** John Deere 9550 four-wheel drive 3642 engine hours, 2608 separator hours, single-point hookup, (very clean machine). John Deere 9600 2-wheel drive with 460 / 85R 38 duals on front

14.9 - 24 on rear. John Deere 6 row # 693 corn head, John Deere # 643 corn head, John Deere # 925 25 foot Bean head and cart, John Deere # 625 F 25 foot grain head and cart, (heads will sell then carts).

**Grain Augers:** Westfield MK 100 - 61 10 inch PTO / Swing Away, Hutchison / Mayrath 8 inch X 60 foot with 10 h.p. motor, 10 inch X 32 foot PTO driven, 10 inch X 31 foot electric auger, 10 inch X 70 foot with swing-away hydraulic, PTO driven 10 inch X 61 foot, (all these augers are in good shape) WR 8-inch by 61 foot Electric.

**Tools:** 100 gallon fuel tank with 12 volt pump, propane heater, Onan 2400 generator, 30 ton shop press, Coleman 80 gallon 6.5 horsepower air compressor, Lincoln 225 Welder, cutting torch set with cart, engine hoist, floor jack, Mac 10 drawer toolbox, Herbrand USA 3/4 inch drive sockets, vacuum water pump, 3 H.P. transfer pump, Shop Vac, bench vise, oil drum stand, Parts washer, Welding Table with Vise, 45 piece tool and die set 1/4 inch - 1 inch, sockets, wrenches, hammers, and more.

**Miscellaneous:** Hustler amphibious ATV with 18 h.p. Kohler (nice unit), Cub Cadet 127 riding mower (parts), anchor cables, aerator tubes, 50+ good used pallets, 28.8 X 34 John Deere duals, 18.4x38 John Deere duals with hubs, Snapper rear tine garden tiller, 10 foot rowboat, 500 gallon fuel tank. And more.



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Auctioneer’s Note: This is a good quality auction with good usable equipment. Come out and enjoy the day!

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Announcements day of auction take precedence over printed material.

NEW SALEM LIONS CLUB  
ANNUAL CONSIGNMENT SALE  
SATURDAY, FEBRUARY 29, 2020 – 9:00 AM  
AT NEW SALEM LIONS CLUB BUILDING, NEW SALEM, INDIANA  
6 miles southeast of Rushville, IN on US Highway 52.

**Tractors & Skid Loaders**  
IH 706 w/f.h & w.f.; 1955 AC WD45; 1952 JD A, M&W power block, new plugs, points, battery; JD 300B backhoe; JD 2040 w/loader & 2 buckets; A/C D-17; 1995 Case 1838 skid loader w/bucket; JD 4630; 1370 Case (white) 4160 hrs., 1000 hrs. on major O/H, rear end issues; Ford 800; Case 1816 (does not run); Farmall C (parts).

**Combines and Heads**  
1992 IH 1660 4100 eng. hrs.; IH 1020 22.5 gr. table w/cart; IH 1063 corn hd.; IH 1083 corn hd.; IH 1460 combine; IH 963 ch.; 1988 JD 6620 Titan II, 3400 eng. hrs.; JD 918 gr. hd.

**Planters, Drills, & Sprayers**  
JD 7-30 splitter w/3 bu. boxes; JD 8R wing fold (frame only); JD 7000 12R FF (frame only); Walsh 300 gal. sprayer w/40’ booms; 7-knife 28% bar (pull type); Hardi (Ranger 2200) sprayer 500 gal., 60’ booms, hyd. pump; JD 494 6RW planter w/cultivator; JD 8300 drill w/grass seeder (23 hole); 1997 JD 750 drill (spare parts included); Demco 3 pt. Sprayer; Top-Air sprayer w/raven 440, 500 gal., 42’ booms, foam markers, tandem; JD 7000 6RN w/no-tilt, ball mon., insect, liq.; JD 7000 4RW w/no-tilt, liq., insect.; JD 2600 w/narrow, 6 btm.; 3 pt. Tobacco setter (gd. cond.); 220 Spra-Coupe 200 gal. w/ft. ft.; IH 56 4RW; Knowles sprayer 450 gal. w/mon.; Case-IH 5500, 24R-15” w/sf belt meters; IH 950 6RN, liq., no-tilt; Skid of Kinze parts, skid of no-tilt blades, skid of row cleaners; 3600 Kinze parts 16 of each, no-tilt coulters, pneumatic down force, Precision finger pick up corn meters, seed boxes; Black Hawk grain drill.

**Tillage**  
McFarland 24’, hyd. Fold; JD 25’ disk; 28’ cultipacker; IH 470 disk (14’); JD 400 rotary hoe; IH 720 5 btm. plow w/harrow; Landoll 7 shank chisel; McKee 24’ i.c.; (2) A/C 3 btm. plows snap-coupler; IH 3 btm. plow F.H.; Dunham disk (10’); IH 2 btm. plow, no hitch; (3) JD 2 btm. plows, rope trip; David Bradley 1 btm. plow; Duets 23’ F.C. w/5 bar harrow; Kewanee cult. mulcher 15’; IH 12RN cultivator - flat-fold; Kewanee F.C. 22’; 15’ Brillion cultimulcher; 3 pt. disk 6’; 3 pt. Kasco 7 shank; Oliver disk 10’; JD F.C. flat-fold 23’; Several 2 & 3 btm. plows pull type & mt.

**Hay Equip.**  
NI 279 cut conditioner; IH 420 baler (twine); Hesston 560 rd. baler (twine only); 7’ sickle bar mower; 8x16 hay wagon w/JD gear, fiberglass bed; 8x18 fiberglass hay bed; NH 770 rd. baler (spare parts included); (4) NH 256 rake; NH 166 hay inverter; NH H6740 disc mower; Krone Swardro 38T rotary rake; IH 990 hay bine; NH bale kicker; Sitrex 2 GL-T tedder, 2 basket; Hesston 540 round baler; JD 1327 discbine; M-C HD mower 3 pt.; NH 316 baler; Rhino disc mower; Hesston PT - 7’ haybine; Wood BB840, 7’ cut (like new); Gehl 1162 discbine; NH 615 discbine; Hesston Stackhand - 10; Hesston bale mower.

**Livestock Equip.**  
JD 50 spreader (PTO); Farmhand 817 grinder; NI 201 spreader, PTO; JD 450 hyd. spreader; 5T cattle feed wagon (16’); 2T bulk bin; 1T bulk bin; Round cattle feeder; Calf hay feeder; H&S HD 7+4 silage wagon (like new); (2) Farmhand silage wagons; Several hog feeders; Several livestock gates; (2) 5T hay feeder 20’; H&S hay feeder 20’; 30 Poly calf huts; Hy-Way hog trailer hyd. 14’; Balz manure spreader; 10’ cattle feeder wooden; 10’ corral gates; calf feeder on wheels; 7 bulk tanks; Arts-Way 450; Farmhand 817; hog equipment of all kinds; many cattle & hog gates; 3 rolls of rubber mats for barn.

Westfield 13x61 auger, swing away; Westfield MK100-61 swing-away (gd. cond.); (2) J&M 250 bu. wagons; (2) Parker 2600 wagons; Parker 2800 wagon (gd. cond.); Westfield MK 100-61, swing away; Mayrath 8x61, swing away; Hutchinson 8x34; Federal 13x61, swing away; (3) Federal 10x61, swing away; KSI conveyor (gd. cond.); (3) nurse wagons; H&S silage wagon (like new); (2) Farmhand silage wagons; AB-12 farm fan dryer; M&W Little Red Wagon w/8’ unload; (2) Hi-Cap grain cleaners; Sidney grain leg 50’, 700 bu/hr.; Over 30 wagons.

**Trucks & Cars**  
1990 Freightliner (day cab); 1980 GMC 70 bulk truck (9-T); 1997 Chevy 1500; 1979 C-70 18’ bed w/hoist; 1981 IH tandem 18’ bed w/hoist, 466 eng.; 2010 Dodge truck 4 door, bad motor; 1994 Ford LTL 9000; 1982 Ford 9000, twin screw, 855 Cummins, 80% rubber; 1998 Chrysler concord 99k; 2001 Chevy S-10; 1996 Ford F-150; 1997 Dodge Ram 2500; 2000 Buick Regal 145,000 mi.; 1998 Concord; 2003 Ford Escape.








**Trailers**  
42’ flatbed steel hauler; 26’ Vanbox Body; 1993 Gooseneck 24’ livestock trailer w/2 cut gates; 2000 Drake grain trailer 38’ (with 1985 axles, bought new in 2000); 2-5600 gal. Polar semi tanks; VWV trailer 7x20’; Bison 7x20’; Ponderosa gooseneck 16”.

**Misc.**  
Woods 10’ bush hog (pull type); 7’ grader blade; 3 pt. log splitter; 1000 bu. wet bin; 4’ Bush Hog (pull type); IH 1 pt. hook up equip.; (2) disk, plow, grader blade; Front snow blade for Cub; IH front cult. for Cub; Year-Round cab w/brackets for IH 706,806; Farm Fans heater unit (bad motor); (2) dry fert. spreaders; Square bale shredder; LUMBER Oak, Cherry, Walnut (all planed, 200-300 bd.ft. of each, 3/4” x 4” x 8-12” L); 500 gal. fuel tank w/110 pump; Other fuel tanks; row Extension ladders; Air compressors; Lincoln welder; Fence row mower; Chaff spreader off JD 9650; 3200 gal. white poly leg tank w/2” fittings; 30 gal. inductor w/valve; 35 gal. inductor w/valve; (2) 2500 gal. vrt. white poly tanks; (2) JD stalk stoppers w/brackets for 600 series head; (2) trailers of misc. parts; True-Test livestock Ezi weigh scales; 3 pt. boom lift; Bison grader blade (10’); JD 7’ blade; Agco (6’) finish mower, 3pt.; Rhino 7’ blade; AC-Max 6’ blade; (2) Farm-King fert. spreaders 3pt. (like new); Farmhand (6’) finish mower, 1 set Cub rear wgt.; (12) IH 100# wghts.; 2 sets of IH hubs; Several poly tanks; (2) 28% N applicators (500 gal.); JD 1517 batwing; (2) JD 350 7’ bar mowers; 3ph air comp.; 1 set IH rear wghts.; Cub Cadet zero turn mower; Vac leaf catcher; Diesel generator; Dirt scraper (12’); (6) grain spreaders; (10) hand hewn old (1835) barn logs; Large antique surface wood planer; Old heavy duty 12” planer (220 V sp); Ammco 4000 disc & drum lathe; Air tire spreader; JD 1R silage chopper; JD 1790 ground drive tran.; 60 depth wheels & arms for JD 1790; Farm King finish mower 4’; year-round cab; 1-set Cub rear wts.; 1-set MF wts.; 12 IH suitcase wts.; 2 sets IH hubs; several Poly tanks -1000-2500 gal.; 2-28% N. applicators -500 gal.; JD 1517 batwing ; 3 ph. air compressor; Zero Turn mowers - Kubota, Bad Boys, Scag, Husqvarna, Cub Cadet, Grasshopper; 10’ dirt scraper; 10 hand hewn old barn logs (1835); all kinds of small tools; 5 case nose wts.; Kewanee 10’ power tilt grader. **NOTE:** 25-50 bales of hay.

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**TRACTORS:** 2008 Case IH MXM 130 w/Case IH LX760 Loader, 4WD, 3 remotes, 105 PTO, 130 HP, 7800 hrs., 34485; 2004 Buhler 2210 Versatile Genesis II Tractor, MFWD, 3 pt., PTO, Rear Duals, 34462; NH 9030 Bi-Directional Tractor, MFWD, Articulating, 7017 hrs., 35439; 2002 Agco RT95 Tractor, Mower Attach., 4WD, 540 PTO, 95 HP, 9265 hrs., 32134. **COMBINES, HEADS & CARTS:** 2006 Geringhoff 8-Row Corn Head, Rota-disc, new knives bearings & many other parts replaced last fall, w/Hyd. Deck Plates on Corn Head; Unverferth HT25 Head Cart. **SKID STEER LOADERS & TELEHANDLER:** 2013 NH L220 Skid Loader, 2 Spd, Hand/Foot Controls, 5730 hrs, 32947; Gehl R190 Skid Loader, 35770; 2007 John Deere 328 Skid Loader, Hand/Foot Controls, 5743 hrs., 19547; Manitou MT940 Telehandler, 6777 hrs. **TRUCKS & TRAILERS:** Mack DMM6856S Truck, 34377; Bison Livestock Trailer, 34386; Kenworth Truck w/Grain Body. **TILLAGE EQUIPMENT:** John Deere 960 Field Cult., 33688; Dunhamlehr 14’ Cultimulcher, 34692; JD 170 Chisel Plow, 34986; Unverferth Perfecta 12 Field Cult., 34700; JD 714 Chisel Plow, 32845; Oliver Rockflex Disc, 31591; JD 985 Field Cult., 34220; 10’ JD Disc; Brillion Compaction Commander 5-Shank Ripper; JD Disk, 10’ . **HARVEST EQUIPMENT:** New Idea 325 Picker, 34750; NH 38 Crop Chopper. **HAY EQUIPMENT:** Pequea HR5 Rotary Rake, 34748; Kuhn FC4000RG Mower Conditioner, 29505; NH 1431 Discbine, 33809; Case IH DCX161 Discbine, 34399; NH 116 Sickle Bar Mower, 33948; Victor 245 Merger, 34400; Vermeer 605A Rd. Baler; NH 166 Hay Merger; Vermeer 605A Rd. Baler. **MANURE SPREADERS:** 2010 Knight Slinger 8132 Manure Spreader, Pro Twin, 35765; Knight Slinger 8124 Manure Spreader, Pro Twin, 17103; NH 520 Manure Spreader, 34053. **DAIRY EQUIP.:** Penta 6720 HD Mixer, Tornado Auger, Digistar EZ2400V Scale, 35421; Knight 17-7 Forage Box, 35176; Houle SP-L-R-42 Manure Pump, 33129; Penta 1120 HD Twin Auger Mixer w/Digistar Scale Head. **ATTACHMENTS:** Unused Stout Brush Grapple 66-9 w/skid steer quick attach.; Unused Stout Brush Grapple XHD 84-6 w/skid steer quick attach.; Unused Rock Bucket/Brush Grapple Combo HD72-3 Open-End w/skid steer quick attach.; **MISC. EQUIPMENT:** Ag Chem 750 Sprayer, 29019; Killbros 400 Gravity Wagon, 34749; Polaris Ranger, Electric Dump Bed, 798 Miles, 34563; MDS 4500HD Pallet Forks, 16249; Gilmore & Tatge (GT) 8” Shaft Driven Transport Auger, 61”, Manual Included. **EQUIPMENT FROM JOE JABLONSKI:** 2005 JD 1760NT, 8 Row 30 inch Vacuum, Hydraulic folding, 3 bu boxes with Precision Planting corn plates & JD soybean plates, spring down force, half width disconnect, pro drive cable driven, cast spike closing wheels, liq. fertilizer w/single disk openers, 2nd owner, always stored inside; 2001 Walinga Aluminum Dump Trailer, 6 axles, 42” box on 44” frame, 102 w, 72” sides, good tires, brakes, cylinder & tarp, 3 coal doors, 3 down axles, 3 lift all air ride, holds 1500 bushel.

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Algae

FROM PAGE 2B

Johnson agrees that more creative thinking is needed. Many farmers are applying maintenance phosphorus, just as much as the crop will use. Yet studies show that even then, soil test levels don't vary much from year to year.

"Some farms haven't applied phosphorus in 5 to 10 years, yet there is just a tiny decrease in soil test levels," she said. "Why would dissolved phosphorus have gone down so much (last year)? I don't think it is because suddenly the pool

of phosphorus in the soil is depleted." Instead, Johnson thinks it is a placement issue. The evidence here and from other places has shown that with conservation tillage, paired with broadcast applications of fertilizer, researchers see reductions in DRP. Subsurface fertilizer injection, or getting the nutrient deeper into the soil in the row where the crop needs it, may be the way going forward.

LaBarge and Johnson will be talking more about this topic at the March 3-4 Conservation Tillage and Technology Conference at the McIntosh Center. They are among 65 presenters. For information visit fabe.osu.edu/CTCon.

Below: Some farms haven't applied phosphorus in 5 to 10 years, yet there is just a tiny decrease in soil test levels. That should not have caused the drop in dissolved phosphorus last year. It doesn't seem likely that the pool of phosphorus in the soil was suddenly depleted.



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# 8th Annual Indiana Small Farm Conference preview

BY MICHELE F. MIHALJEVICH  
Indiana Correspondent

DANVILLE, Ind. — For the first time, the Indiana Small Farm Conference will offer presentations designed to generate an interest in farming among young people, a conference organizer said.

The eighth annual event is March 5-7 at the Hendricks County 4-H Fairgrounds and Conference Complex. Pre-conference registration ends Feb. 27.

Topics geared toward youth include exploring careers with insect biology, plant or animal sciences, square foot gardening, raising honey bees and using 4-H or FFA experiences to create a career.

“The conference committee decided if we wanted to reach out to the next generation of potential farmers, we needed to figure out how to include them,” explained Tamara Benjamin, committee chair and Purdue University assistant program leader in agriculture and natural resources. “We’re trying to create an atmosphere where they’ll be welcome. We talk about how our farmers are aging out. We’re not going a good job of bringing in the next generation.”

The conference also features a variety of topics for all small-scale farmers, whether new or experienced. Speakers will discuss vegetable production, animal behavior, urban agriculture, cover crops, social media, regulations and learning to facilitate civil dialogues around racial issues and their intersection with the food system. Jean-Martin Fortier, The Market Gardener, is a keynote speaker, as is Darby Simpson, of Simpson Family Farm, Martinsville, Ind. A trade show is included.

“I hope attendees walk out of the conference energized, having met new people,” Benjamin said. “I hope they walk out knowing where they can get information – from extension, farmers and others. I want them to know they’re not alone. I hope they know they have a community now.”

About 400-450 people are expected to attend this year, she said.

Dr. Cheryl Miller, district 5 field veterinarian with the Indiana State Board of Animal Health (BOAH), will discuss ways to protect livestock from disease.

“I want to stress the importance of biosecurity whether it’s a producer with just a few animals or hundreds of animals,” noted Miller, also BOAH’s director of the scrapie and tuberculosis programs. “Biosecurity may not be as front and center for smaller-scale producers as for larger producers. Smaller-scale producers may not stop and think biosecurity measures apply to them too. I want to make them aware.”

Sara Bagby Farmer and Kristi Schultz, both Master of social work graduate students in Indiana University’s School of Social Work, will offer tips to farmers possibly dealing with mental health issues.

“There are less mental health providers in rural communities,” Schultz said. “There are barriers to access. Farmers in rural areas might feel isolated and have a sense of helplessness about things they can’t control. We’ll talk about ways to challenge negative thoughts or negative behavior patterns.”

Smaller-scale producers may face different stresses than those running larger scale operations, Farmer said. Small farm operators are working to carry out their own model of what a farm looks like to them, she said.

The cost to attend the conference is \$90 (one day), \$162 (two days) and \$228 (three days) for adults, and \$30 (one day), \$48 (two days) and \$60 (three days) for those 18 and under. Registrations will be accepted the day of the event but meals won’t be included. The Indiana Farmers Union is offering one-day registrations for youth. As of press time, some remained. Contact Alex Pettigrew (apettig@purdue.edu) for information. To register and to view a conference agenda, visit [www.purdue.edu/dffs/smallfarms/small-farm-conference-2020/](http://www.purdue.edu/dffs/smallfarms/small-farm-conference-2020/).

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11262 Arba Pike, Fountain City, IN 47341 • 10 miles North of Richmond, IN

EQUIPMENT CONSIGNMENTS:

Tractor – 370 JD Harvester w/ table – Brand New White Horse Model 607 Torsion Axle Forecart - New White Horse Model 725, 2 Bottom Plow. NH Disc-bine w/ Deutz Diesel – 650 Gal. manure spreader – Piqua Hay Tedder – NEW 6 ton Farm-built wagon 7x18 bed w/ steel wheels – NEW 8x20 wood wagon bed w/ back rack – LIKE NEW Ideal post pounder– Culti-planter (6 row unit) – 12’ Culti-packer – 4’ Culti- packer – 20’ Foldable Tine weeder - 30’+2’ steel bed gooseneck trailer w/ title – 12” x 63’ swing auger, new gear box & pto- 2 - 3 tons vertical feed mixers – Model MF McCormick Grain Drive (7.5 ft.) – NEW hay feeders and cattle gates – 4 Farrowing Crates – 4 Large Pig Feeders - A couple loads of new fence posts – Bag End Plugs – Orchard sprayer w Briggs motor – Pull behind sprayer w/ 4.5. hp. Subaru engine – 15 hp. 3 ph. Electric motor– NEW and USED pressure washers - 7/ Calf Huts – 4 Sets of Galv. Gates for Huts – Large load of Rural King Store closeouts - Leather boots and shoes from; Georgia Boot, Rocky, Thorogood brands – 20/ 3x3x8 bales of horse hay & grass mix **Buildings & Materials** -- NEW and USED lumber and metal roofing – 1/ 10x16 Run -in shed – 1/ 8x12 Greenhouse – 1/ 8x8 Mini kennel – Appr. 4000 sq. ft. of thermacore panels – 10’ x 24’ garage w/ 9x7 overhead door – Trusses set of 10, 26 ft. 6/12 pitch w 1ft. overhang. Set of 7, 30 ft. 4/12 pitch w 1 ft. overhang Set of 38, 36 ft. 4/12 pitch 1 ft. overhang. Set of 25, 30 ft. Scissor 6/12 pitch, 2 ft. overhang. **Carriage's, Carts etc.** 2 Wheeled natural finish horse cart w/ lights – Rebuilt Storm Front Carriage w/ Torsion Axels, poly windows, deluxe switch box, and new style lid (looks like NEW) – BRAND NEW Horse sized Cruiser w/ bucket seats – Lancaster Style gear w/ Ez ride springs – BRAND NEW Ez Entry Road Cart w/ Led Lights and breaks – Rebuilt Spring Wagon / 8’ bed, 2 seats, Led lights, and brakes – Lots of NEW tack from Local Harness Shop – 2 New Draft Harnesses

HORSE & MULE CONSIGNMENTS:

HORSES--Load of Draft Horses from Acme, PA Billy Howard - Team of an 8 & 9 yr. old Percherons, Mare & Gelding (Good Workers/Kid Broke) – Yearling Belgian Filly (Sire is pulling bred) – 4 yr. old Percheron Gelding (Broke for lines or jockey stick) – 6 yr. old ¾ Dutch & ¼ Belgian Gelding, Good worker (a dandy all-purpose horse) – 4 yr. old Dutch-Standardbred Cross Mare/Bay w/ four white socks & a stripe – 4 yr. old Morgan-Standardbred Gelding (Good Broke) – 10 yr. old Dutch-Standardbred Gelding, A Victor Son; has papers (Family Horse) – 9 yr. old Standardbred-Morgan Gelding (Family Horse) – 2 yr. old home raised Standardbred Filly, dark bay with a star on forehead, started in a harness – 4 yr. old ½ Dutch & ½ Standardbred Bay Gelding w/ 3 whites and a stripe, Broke single and double, likes to work double – 3 yr. old Mare (Daisy) half linger broke; single and double, has been on the roads, pulls well w/ produce equipment – 9 yr. old Gelding, half linger broke; single and double, has been on the roads, does well in a cultivator and swisher - 3 yr. old Belgium Standardbred Cross, broke to cart - 7 yr. old Standardbred mare, broke to carriage (Excellent Broodmare) – 2 yr. old mini stud horse, broke to wagon **MULES.** Partial Load of mules from PA. (No details yet) 1 Team/ 7 & 8 yr. old Black Molly Mules; very nice spirited team –5 yr. old, good, strong, bay Mule – 12 yr. old team, Lots of snap - 2 smooth mouth Grey Jack Mules, Great produce farm team, Expecting additional Consignments by sale date.

Stud Services:

Le-Mar’s Rosetta’s Travis (Percheron Stallion) Sire: Sterling’s Hunter, Dam: Bitter Sweet Rosetta. Shamrock Meadows Lone Willy (Grey Percheron Stallion) Sire: HF Hunter’s Ringo, Dam: Primetime Lily Dover Dony (Standard Stallion) Sire: Andover Hall, Dam: Donerail. Blonde Belgian Pulling Bred (Grade Stallion)

EXPECTING MORE HORSE AND STALLION CONSIGNMENTS BY SALE DATE!

For...  
Horse Consignments: Jacob Beiler 765-847-1690  
Mule Consignments: Ivan King 765-886-5393  
Equipment Consignments: Jonas Jr. 765-238-5284  
Vendor Booth: Ivan Esch 765-847-5047

Proceeds benefit special needs children.  
Food stand-by Tri-Co. Special Needs.

Horses and Mules  
6% commission – Cap at \$200.00  
\$60.00 minimum, \$50.00 no sale fee.  
**Commission Equipment**  
20% on the first \$200.00  
7% after \$200.00 - \$350.00 no cap

Auctioneers:  
Omer Kauffman AU-11500024  
Jonas Stoltzfus Jr. AU-11600005  
Sale committee reserves the right to reject any or all merchandise.  
For absentee bids call: Jonas Jr. 765-238-5284  
Announcement’s made day of sale take precedence over any printed matter.

Call Melissa At: 1-800-876-5133, Ext. 222

For Advertising Info In Southeastern Indiana and Central & Southwest Ohio

He Sells!

DOUBLE R BAR PAYWEIGHT E173

Reg. 18751549 | Sire: Basin Payweight 1682 | Dam: SAV Abigale 6575 | MGS: SAV 8180 Traveler 004

He Sells!

DOUBLE R BAR PAYWEIGHT F128

Reg. 19037926 | Sire: Basin Payweight 1682 | Dam: SJH Complete of 6108 | MGS: Summitcrest Complete 1P55

He Sells!

DOUBLE R BAR RAMPAGE E318

Reg. 18890583 | Sire: Quaker Hill Rampage 0A36 | Dam: RB Lady 7125-890-2170 | MGS: GAR Objective 7125

He Sells!

DOUBLE R BAR FIRESTORM 3PT1

Reg. 19212659 | Sire: Quaker Hill Firestorm 3PT1 | Dam: SH Lucy 7323 N747 | MGS: OCC Emblazon 854E

DOUBLE R BAR RANCH

Sale Location: 7180 Plymouth LaPorte Trail Plymouth, IN 46563

Bob Dragani (574) 453-1169

9th Annual

ANGUS BULL & FEMALE SALE

SATURDAY, MARCH 14, 2020 • 1:00 PM (EDT) • PLYMOUTH, IN

7180 Plymouth LaPorte Trail • Complimentary lunch served at noon!

Selling 80 Head!

BULLS  
2 Year Old Bulls • 18 Month Old Bulls  
The Majority Of The Bulls Are Aged Bulls  
That Are Ready For Heavy Use!

FEMALES  
Spring Calving Cows • Featured Heifers

Sires Represented:  
Basin Payweight 1682, SydGen Enhance, Quaker Hill Rampage 0A36, Quaker Hill Firestorm 3PT1, KCF Bennett Fortress, Jindra Acclaim, SAV Thunderbird 9061, SAV Renown 3439 and more!

Double R Bar Provides!

✓ Semen Tested Bulls  
✓ Numerous Calving Ease Bulls  
✓ Parent Verified and Enhanced EPDS  
✓ 18-24 Month Old Bulls  
✓ Free Delivery

✓ All Bulls Selling Are Above Breed Average For Growth & Carcass EPDS  
✓ Performance-Tested Genetics  
✓ Pounds and Performance at Weaning  
✓ Dedicated to Commercial Cattlemen

For your free reference sale booklet, contact anyone in the office of the Sale Managers, TOM BURKE, KURT SCHAFF, JEREMY HAAG, AMERICAN ANGUS HALL OF FAME at the WORLD ANGUS HEADQUARTERS, Box 660, Smithville, MO 64089. Phone 816/532-0811. Fax 816/532-0851. Email: [angushall@angushall.com](mailto:angushall@angushall.com) \* [www.angushall.com](http://www.angushall.com)

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**Large Multi Farmer****ABSOLUTE AUCTION****Selling in 4 Rings  
Rain or Shine****Saturday March 21, 2020 • 9:00 AM****SALE HELD AT OKAWVILLE, ILLINOIS COMMUNITY PARK, 511 HANOVER STREET, OKAWVILLE, ILLINOIS 62271****Okawville is located 40 miles east of St. Louis on I-64. There is a large lunch room and lots of shelter. Okawville has two motels, Original Mineral Springs, (618) 243-5458 and Super 8, (618) 243-6525.****TRACTORS AND LOADERS**

2014 JD 7230R – 636 hrs., MFWD, powershift. 5 outlets, 540/1000 PTO, 480/80R46 duals, LED lights, loader, 230 hp, S/N 7230RTES082464, like the day it was new, 1 owner, estate tractor

2013 JD 8285R – 1680 hrs., MFWD, 480/80R50 duals, 380R38 front, weights 1300 front axle, 285 hp, beautiful

2008 JD 9230 – 4WD, 2025 hrs., powershift. auto track ready, 20.8-42 duals, 3 pt., diff lock, 325 hp, S/N P003963, the nicest one you'll ever see, estate tractor

AGCO 9695 – MFWD, cab, 18.4-42 dual wheels, 2700 hrs., 195 hp, very nice

JD 7830 – 1322 hrs., power quad, 18.4-42 Firestone duals, 4 outlets, 165 hp, S/N R002440, the nicest one in Illinois

Case IH 7220 – 3506 hrs., duals, very nice

Ford Genesis 8670 – 2WD, 170 hp, 18.4R38, new Michelin radials, duals, 4120 hrs., 3 outlets, The nicest one in Illinois, come see, 1 owner

Case IH MXM120 – cab, FWD, 5010 hrs., very nice

Case IH 9250 – 4WD, 6002 hrs., with 600 hrs., on engine rebuild, powershift, duals, clean

JD 7210 – cab, 2WD, power quad, 7031 hrs., good rubber, 18.4-38

AGCO Allis 9650 – 3189 hrs., powershift. 18.4-42, 6 cyl., diesel, 155 hp, cab, very nice, S/N 941019PA

Steiger Cougar – 4x4 CR 1225, 18.4-38 duals, 3 pt., 5600 hrs., with 800 hrs., on New Holland Reman engine, nice, same farm all of its life

MF 4245 – with Westendorf TA-26 loader, cab, 4x4 S/N F44423, 2300 hrs., 75 hp

Case 2290 – cab, 4930 hrs.

JD 4240 – cab, quad range, 7224 hrs., very sharp

Cat 65 – with new tracks, new diesel pump and injectors

MF 2775 – cab tractor, V8, Perkins diesel, 24 speed, S/N 9R012810, 160 hp, 3609 hrs., nice estate tractor

AGCO 8765 – 2WD, with AGCO loader

Mahindra 3550 – with loader, roll guard, less than 200 hrs.

JD 2955 – 4 post roll guard, 2 outlets, nice

JD 4430 – quad range, 6150 hrs., Clean

JD 5510 – MFWD, with JD 541 self-leveling loader, 4152 hrs., nice

JD 4630 – cab, quad range, 20.8-38 duals

AC 7060 – cab, power director transmission

Ford 5000D – nice

Ford 3000 – gas

Case 1070 – with cab

IH 1486 – cab, 540-1000, new clutch, 5180 hrs., very nice

Westendorf TA-28 loader off AC

White 2-105 – with Westendorf loader, open station, duals

White 2-85 – with cab, 3100 hrs.

Case 1070 – cab, Case 900 loader

White 2-105 – cab, 5045 hrs.

Freeman 4000 – loader off MF with front hyd. pump

AC 7000 – cab tractor

JD 4555 – quad range, 2WD, 5656 hrs., duals, 18.4-42, very nice

Ford 801 – nice

Ford 3600 – 2638 hrs., duals, beautiful

Ford 2000 – diesel

Ford 4600 – diesel, with loader, 1075 hrs., very nice

MF 236 loader – with bucket, time, and pallet fork

tractor weights of many kinds

JD belt pulley for JD 4010

(2) JD quick coupler hitches

**COLLECTOR TRACTORS**

JD GP wide tread – side steer, older restoration, new rubber 11.2-38, PTO, mechanical lift.

#403119, 1931 – very rare

JD 830 – Pony start, old restoration, nice

JD 630 – restored, factory wide front, flat top fenders, 3 pt., #6808310, beautiful

JD 530 – NF, 3 pt., restored, beautiful

JD 620 LP – restored, 700 hrs. on meter

IH Super MTA – dsl., restored, rare

IH 340 – gas, NF, beautifully restored, rare

Farmall 450 gas – original, fast hitch, power adjust wheel

JD MC crawler – orig, very straight

MM G1000 Vista LP – gas, orig. and nice

MM 670 tractor

MM "R" tractor

Case VAC – WF, eagle hitch

MF 35 – gas

IH Super H

Farmall B

1946 Farmall A

Farmall 450 – gas, original

Farmall 400 – gas, fast hitch, new rubber 15.5-38, original

(2) AC WD tractors

Ford Jubilee – restored

AC CA – with belly mower

AC WD 45 – gas

AC 17 Series 4 – restored, 3 pt., with side mounted bar mower

IH 400 – restored, gas, regular drawbar, #20224, beautiful

IH Fast hitch assembly for 400 tractor

JD 2010 – gas, NF, original

Oliver 1855 tractor – with cab, dsl., 3245 hrs., nice, good rubber

AC "B" – adjustable wide front

1939 JD "H" – fenders, restored

Farmall Super A w/belly blade, nice

**TRACTOR ENGINES**

IH 236 diesel engine

IH 301 diesel engine

IH 221 gas power Unit – with clutch

IH German diesel 309 – with trailer

**CONSTRUCTION EQUIPMENT AND DIRT SCOOPS**

Case 580B Extend-A-Hoe – 2WD, diesel, cab

Case 780B backhoe – diesel, with roll guard

JD 450C Crawler – diesel, with high lift bucket and forks, 3078 hrs., winch, 10 hrs., on new clutch and brakes

Case 580 diesel 4WD forklift

Skyjack scissor lift

Genie 1930 scissor lift

Cat 12D road grader – runs great

(2) Mercedes 4 cyl, diesel engines – on stands

Reynolds 10 yard dirt scoop w/ drawbar hitch

Eversman 7 yard dirt scoop w/ dolly

Ditch Witch trencher w/gas engine

Onan Generator – natural gas, 47 kw

Allmand light plant

large commercial power washer

4 ft x 4' sheep foot roller

(2) Ashland 3 pt. stump grinders

Ditch Witch trailer – 20', pintle hitch

Vermeer PT18 pull trencher – PTO drive

Woods 1050 3 pt., backhoe – 18"x24" bucket

**COMBINES AND HEADERS**

2013 JD S660 combine – 1452 eng. hrs., 1142 sep. hrs., duals, 28.1x26 rear, 4x4, chopper, power hopper, wheat concaves, excellent estate combine. The nicest one to be found in IL.

2014 JD 635FD – flex draper platform, flip over reel, header height in rigid mode, one owner. Estate header – excellent

Nice Golden Bell header trailer to sell separate

JD 9600 – 4x4 combine, chopper, right out of the field

Case IH 1660 – 4x4, 4800 eng. hrs., very nice

Case IH 1020 – 20' platform

MF 550 – 2534 hrs., Perkins diesel, cab, with 15' header, very nice

Case IH 1440 combine – 3200 hrs., 4x4, LED lights, 100 hrs., on new rotor, nice

Case IH 1063 corn head

Several good head transport trailers

JD 9500 – 2WD combine, nice

JD 922 – flex platform, poly points

Gleaner F2 – diesel, 6 cyl., cab

Gleaner F2 – gas, long separator

4-30 Gleaner corn head

13' Gleaner flex platform

Gleaner 16' flex for L or M

JD 693 – 6-30 corn head

JD 843 – Low tin oil bath corn head

JD 7720 – 4x4, 3402 hrs., Titan II, Estate combine

Case IH 1044 corn head – 4-38

JD 7720 Titan II – 4x4, nice

JD 4420 combine – 3292 hrs., nice

JD 213 – flex stainless platform

(2) JD 643 corn heads

JD 220 flex platform (2) JD 920 flex platforms

Case IH 844 corn head

Gleaner 20' #500 platform for Rotor combines

Case IH 17 1/2' flex platform

Corn reel – 6 row, on trailer

**TRUCKS, WAGONS, AND TRAILERS To sell at 12 Noon**

1995 GMC top kick tandem grain truck – 56,844 miles, 427 gas, nearly new rubber, Shur-Lok tarp, rear hitch, very nice

1979 International diesel tandem twin screw – Scott grain bed, cargo door, 13 speed, new tarp

1977 Ford – 2 ton with steel dump bed, gas, with snowplow

1984 Chev, C30 flat bed – gas

2008 Jet hopper bottom semi – aluminum grain trailer, 34' roll tarp, nice

2001 Freightliner FL70 grain truck – Cat 3126D eng., 5 speed, air bake, tarp, Midwest 380 bu, bed, nice

(40) gravity wagons – many with seed augers

Brent 420 grain cart

Killbros 1800 grain cart

1976 Chev, C65 grain truck – 16' Midwest bed, 427 gas engine, 5 speed, roll tarp, tag tandem

1974 Chev, C60 grain truck – tarp, Knapheide bed, 366 gas engine, 4 speed, Shur-Lok tarp, nice

1998 Ford F150 – 4x4

16' gooseneck flatbed – with ramps

(2) 20' gooseneck livestock trailers

(3) 24' gooseneck flatbed dovetail trailers

1965 Ford steel bed dump truck – 47,000 miles

24' semi grain trailer – with dolly

Flatbed 7x14 wagon

2004 M&M 16' flatbed trailer – with beavertail

2008 Ford F650 truck – crew cab, w/11' service body, overhead racks, diesel, good condition

1999 Ford F550 Bucket truck – diesel, with fiberglass service single man bucket, good condition

JD 1210A grain cart

1972 Chev. C50 grain truck – 70,000 miles, 13' Knapheide bed, 350 gas, 4 speed

1996 International diesel floater fertilizer truck – 3208 CAT, with Tyler 8-ton dry bed, stainless steel, light bar, air brakes, Land Manager radar

100 and 150 bushel auger wagons

2000 Ford F150 – 4 door, 4x4

25' steel truck bed - with lift end gate

2002 Chev. Silverado – 4x4, auto 20' dovetail 3 axle trailer

14' bumper hitch trailer

5 x 8 bumper hitch with sides

2004 24' Corn Pro – with 6' dovetail and ramps, HD

Campbell Hill, IL Village fire truck – 1976 C65 pumper, 750 gal. per min., 8200 actual mi., nice

24' aluminum Kiefer livestock trailer - gooseneck

1990 International semi 9370 – Day cab,

Cummins engine, 9 speed, wet kit

2009 WWII-Horse trailer – bumper hitch

2001 Buick LeSabre – 4 door

2019 trailermat 20' trailer – with dovetail and liftoff ramp, bumper hitch, Nearly new

1997 Chev, 2500 – 4x4, 5.7 liter

Several gravity wagons with augers and Honda engines

Killbros wagon – with Yetter Seed Jet system

E-Z Trail 250 bushel seed wagon – with power unit

Corn Pro gooseneck livestock trailer – 18'

1990 Chev, C3500 gas 1-ton dually utility truck

16' tandem all steel tilt deck trailer

UFT grain cart 1998 Ford F150 – 4x4

EZ Flow 700 Bushel grain cart

20' Industrial and 24' Industrial pintle hitch trailers

**PLANTERS, DRILLS, AND FIELD CULTIVATORS**

JD 1790 – 16-31 planter with air bags, down pressure, 450 monitor, very good, on small acreage, you must see

JD 7240 – 6-11, finger pickup, no-till planter, nice

JD 750 no-till drill – dolly hitch

Great Plains 15' no-till drill

Krause 5400A – 30' no-till drill, nice

Kinze 3000 – 6-11, no-till planter, very nice

(2) IH 5100 drills – with culti-harrows

JD 7000 – 16 row, 16", no-till, bean meter

White 5100 – 12-30, vertical fold, no-till, monitor, pull type

JD 7000 – 8-30, no-till, with liquid fert.

(2) JD 7200 – 12-30, wing-fold, no-till, finger planters

(3) Black Machine 12-30 or 13/15 no-till planters – Kinze units

(6) JD 7000 6-30 no-till planters

Case IH 900 – 6-30 cyclo planter

AC 7-row No-till pull-type bean planter

JD 2-row 7000 tool bar planter

IH 510 drill

Lexington 244 grain drill

JD 7000 – 6-30 no-till, dry fert.

Yetter 12-30 fold cultivator

JD 1240 – 4-row planter

JD 7000 – 6-30, no-till, with 6-row splitter and monitor

Many 6-row cultivators and rotary hoes

Case IH 183 – 12-row cultivator, like new

JD 7000 – 6-30, with liquid fert.

JD 8300 drill

Case IH 5400 15' no-till drill, on Yetter cart, 15 in, rows

Sunflower 9412 – 15' no-till drill

MF 33 – 17 disc drill

**HAY & FORAGE EQUIPMENT**

JD 338 – Wire, small baler

Hoelscher Accumulator and Hoelscher grapple pickup

Case IH 8530 – small twine in-line baler

Tomahawk – 3 pt. large bale shredder, very good

AGCO Hesston 7110 – small square baler, used very little

Kuhns 10-bale Accumulator – like new

10-bale Grapple for skid loader

Gehl 700 chopper – 2-30

Versa bagger 891 – 10' tunnel

JD 3970 – chopper, 2 row green, 7' pickup

New Holland 320 – small wire baler

JD 457 – 4' baler with net wrap

H&S twin auger silage wagon – on large floater tires, like new

H&S 860 silage blower

H&S 8-wheel rake

New Holland 1411 – disc haybine

New Holland 688 round baler – with net wrap

(2) New Idea 4665 round balers – with net wrap

(2) New Holland Windrow inverters

JD 567 round baler – with net wrap

New Holland 660 round baler

Case IH DCX131 – 13-disc conditioner

(2) 24' flatbed hay wagons

(2) New Holland 892 choppers – with 2-30 and pickup, metal alert

Oliver hay crimper

New Holland 1034 – small bale wagon, 105 bales

Techno-bale 900 – round bale self-loading hauler

New Holland 258 – hyd. drive hay rake, very nice

IH 600 silage blower

(2) Pequea 910 – PTO hay fluffers

AK-Maxx 10-wheel rake – with kicker

Claas Volto 75T – 6 basket tedder

JD 1209 haybine

(2) IH 430 – square twine balers

(2) H&S vertical fold 8-wheel rakes

IH 1300 – 3 pt. 7' bar mower

MF 450 hydra push spreader

JD R ground drive spreader

JD 33 PTO spreader

Hydraulic hog cart – 16', lift 34" high

Pik Rite 790 hydra push spreader

Schwartz 2-wheel silage cart

Gehl & cattle feeders and waterers

75' of 3 in, Stainless U-trough

Feeder – with auger

Farmhand grinder mixer

(6) Ritchie waterers – 12' long w/ stainless bowl & electric heater

Hesston 740 – small round baler

JD 1460 – disc mower conditioner

JD 24T baler

JD 14T baler

New Holland 489 haybine

New Holland 1037 bale Stackliner

New Holland 254 tedder

15 bale Grapple for skid loader

New Holland 900 Forage chopper – Metal alert

New Holland 1465 – 9' haybine

New Holland 664 round baler – with net wrap

IH 56 blower

New Holland 451 sickle mower

Grapple for skid loader

Gehl 1475 round baler

New Holland 782 – 2-30 chopper, metal alert

Ag-Maxx 4-basket hay tedder

JD 820 mower conditioner

8 x 16 hay wagon

Gehl 910 tandem silage wagon

All Steel Kasten silage bed

**SPRAYERS, TANKS & IRRIGATION**

(4) floater tires off of 4730 JD sprayer – 20.8-38, like new

Duals and hubs for JD 4730 sprayer – 38/90R46

Willmar 765 Hi-Boy self-propelled sprayer – 600 gal., foam markers, 60' booms, Ag Leader controller, 1865 hrs.

1600 gal. nurse tank – with Honda pump and lights

1700 gal. tank and pump on trailer

Top Air 1000 gal. sprayer – 60' booms, controller

(2) Top Air TA1100 sprayers – 60' booms

Water wheel system – 2 in, pipes

Spray-King pull sprayer – 1300 gal., 90' booms, 14.9-46 tires, JD engine

3 pt. automatic mist blower orchard sprayer

New stainless steel 500 gal. tank

150 gal. pull sprayer for ATV

1600 gal. Poly tank on HD wagon

Hardi Ranger 550 - 60' booms and monitor

Demco 500 gal. sprayer – 45' hyd, booms, monitor, nice

Hardi 2200 – 500 gal. poly sprayer, 50' booms.

John Bean Vineyard 3 pt. sprayer

200 gal. 3 pt. sprayer

Walsh 500 gal. pull sprayer

500 gal. pickup truck sprayer – Honda engine, 60' booms

500 gal. stainless steel tank – on tandem trailer

1200 gal. poly tank – on wagon

DMI 10 ton gear – with 500 gal. poly tank

Hardi Navigator sprayer – 550 gal., 60' booms, nice

Set of Chem-Farm stainless steel sprayer tanks

Irrigation reel – pumps manure and water, 40 acres of hose

with Nelson gun, very nice

Top Air 750 gal. sprayer – 45' booms

**LIVESTOCK ITEMS, MANURE SPREADERS, TMRs, AND GRINDER MIXERS**

1975 International 5000 Pay Star truck 6-wheel floater truck – with 4200 gal. slurry manure tank, very nice

Kuhn Knight TMR Vertical Maxx VT144 – with scale, very nice

Trioliet TMR 2-1600 – 2 augers, with scale, 540 RPM

Houle PTO manure pump

Gehl 125 grinder mixer and scale

Fence panels and gates

H&S 175 spreader – with end gate, nice

Kuhn Knight Maxx 5032 TMR – twin screw, scale

Case IH 1250 grinder – with scale

Posthole digger

Danuser post driver

JD 780 hydra push spreader

New Idea 364 tandem spreader

IH 1150 grinder mixer

(3) Smidley self feeders - nice

Portable steel self feeder

New Idea 213 manure spreader

Hesston 235 dbl. beater spreader

Owatonna 430 grinder

MF 160 manure spreader

JD 450 hydra push spreader

JD R ground drive spreader

JD 33 PTO spreader

Hydraulic hog cart – 16', lift 34" high

Pik Rite 790 hydra push spreader

Schwartz 2-wheel silage cart

Gehl & cattle feeders and waterers

75' of 3 in, Stainless U-trough

Feeder – with auger

Farmhand grinder mixer

(6) Ritchie waterers – 12' long w/ stainless bowl & electric heater

**TILLAGE**

Landoll 7431 VT – with rolling basket, 23.9' nice

Landoll 7431 VT – 29', new blades and bearings, super nice

JD 980 – 27 1/2' C-shank field cultivator, 5-bar harrow and hitch, nice

Case IH 2500 – 7-shank coulters ripper, like new

Case IH 45' crumbler, very nice

Case IH 200 Tiger Mate – 42' 5 fold field cultivator, 5-bar harrow, rear hitch, Nearly new

Case IH RMX 340 – 33' disk, 9" space, rear hitch, Super nice

DMI 30' crumbler

Sunflower 4211 – 15' disk chisel, hyd, disk lift

IH 415 – 25' folding cultimulcher, solid rollers

McFarlane 30' reel disk

McFarlane 40' chopper – reel harrow

JD 200 – 30' 5-fold crumbler, like new

Remlinger 20' double basket crumbler

IH 470 – 16' folding disk, very good

(2) 15' Lely Roterras

(5) JD 10', 11', 12', and 16' 3 pt. chisel plows

Remlinger 27' double rolling basket crumbler

Fuerst 30' pasture harrow

(2) Case IH 365 – 22' field cultivators, with rolling baskets

PTO ditcher

JD 637 – 22' disk, with 4-bar tine harrow, 9" space, very good

JD 2210LL field cultivator – 31' 6" with front gauge wheel and 4-bar harrow, nice

DMI Tigermate 30' field cultivator – 3-bar tine harrow & rear hitch

DMI 53



# 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.

- FEB 26 DANVILLE, ILLINOIS: NEWELL CONSTRUCTION — DON SMOCK AUCTIONS.** Equipment, trucks, trailers, other.. 9 am
- FEB 26 LAPORETE COUNTY, INDIANA: LINDBORG DAIRY, LLC — HALDERMAN REAL ESTATE.** Online only, real estate.. 8 am CST
- FEB 26 FLEMINGSBURG, KENTUCKY: HORD ESTATE — CHUCK MARSHALL AUCTION & REAL ESTATE.** Real estate.. 11 am
- FEB 26 IMPERIAL, NEBRASKA: FARM EQUIPMENT — ZACH HINER.** Real estate.. 10am
- FEB 26 SPRINGFIELD, OHIO: SUNRISE COOPERATIVE — THE WENDT GROUP.** Surplus equipment.. 10:30 am EST
- FEB 27 PEORIA, ILLINOIS: ABSOLUTE PUBLIC AUCTION — TAYLOR & MARTIN, INC. AUCTIONEERS.** Conventional tractors, reefers, vans, and more.. 9 am
- FEB 27 VERMILION COUNTY, ILLINOIS: WALTER R., SWIFT FAMILY TRUST — HALDERMAN REAL ESTATE.** Real estate.. 6:30 pm CST
- FEB 27 ELWOOD, INDIANA: LAND AUCTION — SCHRADER AUCTION.** 1306 South A St. 6pm
- FEB 27 VINCENNES, INDIANA: KELLER BROS. FARMS, INC. — DON SMOCK AUCTIONS.** Farm equipment, other.. 10 am
- FEB 27 ITHACA, MICHIGAN: REEVES FARM — SYKORA AUCTION SERVICE.** Farm equipment.. 10 am EST
- FEB 27 GILTNER, NEBRASKA: RETIREMENT AUCTION — LUKE SULLIVAN.** Conventional tractors, reefers, vans, and more.. 9am
- FEB 28 MILAN, ILLINOIS: RETIREMENT AUCTION — JIM GEIGER.** 4938 S St. Rt. 49. 9:30am
- FEB 28 PERRYSVILLE, INDIANA: JR. YOUNG TRUST — TED EVERETT AUCTIONS.** Farm equipment, other.. 10 am
- FEB 28 GREENVILLE, OHIO: CONSIGNMENT — MIDWEST AUCTIONEERS.** Farm and construction equipment, lawn & garden, other.. 9:30 am SEE AD ON PAGE 15B
- FEB 29 TOLEDO, ILLINOIS: HARVEY WARNER FARMS, INC. — SCHMID AUCTION.** Farm equipment.. 10 am
- FEB 29 BRAZIL, INDIANA: MILNER FAMILY TRUST — TIMBERMAN AUCTIONS.** Personal property., farm equipment.. 10 am
- FEB 29 LEXINGTON, INDIANA: THOMAS AND LOWELL PALMER — TOBIAS AUCTION SERVICE.** Real estate.. 12 noon SEE AD ON PAGE 14B
- FEB 29 MARSHALL, INDIANA: JOSEPH STOLTZFUS — CHRISTIE ZOOK, AUCTIONEER.** Equipment, horses & heifers, antiques, misc.. 9:30 am
- FEB 29 NEW SALEM, INDIANA: CONSIGNMENT — NEW SALEM LIONS CLUB.** Farm equipment, other.. 9 am SEE AD ON PAGE 8B
- FEB 29 SHADELAND, INDIANA: RON AND MARY GAMBLE — LARRY SCHERER AUCTIONEER.** Farm equipment, shop ,misc.. 10:30 am EST
- FEB 29 TERRE HAUTE, INDIANA: ROGER STURGEON — JEFF BOSTON AUCTION SERVICE.** Farm equipment.. 10 am EST SEE AD ON PAGE 15B
- FEB 29 ROCKWELL CITY, IOWA: RETIREMENT AUCTION — KYLE FERGUSON.** Personal property., farm equipment.. 10am

(See Sale Calendar on page 16B)

## Jay County 4-H 1st Annual Consignment Auction Saturday, March 14, 2020 9:00AM

Location: Jay County Fairgrounds, 806 E Votaw Street  
Portland, IN 47371

\*\*\*Proceeds to benefit the JayCounty 4-H\*\*\*

**Accepting:** Farm Machinery, Farm Related Items, Livestock Equipment, Hand Tools, Construction Equipment, Recreational Vehicles, Automobiles, Trailers, Lawn & Garden.

No Tires or Household Goods Accepted

**Early Advertising Deadline: February 28, 2020**

*Free Widespread Advertising! Trucking Available!*

We reserve the right to reject any or all items

Items may be brought in on Wed., March 11- Fri., March 13, 2020, 8:30AM - 4:00PM (for other arrangements please contact Ryan, Roger, or Craig)

**NO Consignments Sale Day**

To Consign Contact:

**Ryan Davidson**  
260-726-5076  
ryan@bryantcombineparts.com

**Roger Geesaman**  
260-729-7928

**Craig Miller**  
260-251-2777

### TELL THEM YOU SAW THEIR AD IN



EAST CENTRAL INDIANA - HENRY COUNTY - 2020 CROP RIGHTS

**LAND AUCTION** 1 TRACT **33<sup>±</sup>**  
**WEDNESDAY, MARCH 11TH @ 6PM** ACRES

#### PROPERTY LOCATION:

**From SR 3/US 36 intersection:** From the intersection of SR 3 and US 36 just east of Mt. Summit (about 4½ miles north of New Castle), travel west on US 36 about 5½ miles to CR 525W, turn right (north) for approximately 2 miles to farm on the left (west). *Farm is next to old RR in Honey Creek.*

#### AUCTION LOCATION:

**Prairie Township Community Room, 104 W. Main, Mt. Summit.** From New Castle: From the north side of New Castle travel north 4½ miles to US 36, then west ½ mile to auction site.

#### TRACT DESCRIPTION:

**33± acres: About 20± acres tillable.** Balance in stream and woods. Older, approximately 10,000-bushel grain bin onsite. Crosby, Miami, Celina and Genese soils. Access via easement from CR 525W or from Spruce Street access road.

AUCTION MANAGER: **Mark Smithson 765-744-1846 - mark@schraderauction.com**



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**800-451-2709 • SchraderAuction.com**

**INSPECTION**  
**DATE: FEB. 22ND,**  
**FROM 9AM TO 11 AM**

- ABOUT 10 MILES NW OF NEW CASTLE
- JUST 2 MILES NORTH OF US 36
- GOOD INCOME PRODUCING FARM
- AVAILABLE FOR 2020 CROP YEAR

**OWNERS:**  
**Jeff and Susan Sanders**

## STEWART FARMS LLC. EQUIPMENT AUCTION

TRACTORS - COMBINE - HARVEST EQUIPMENT - PLANTERS  
TILLAGE EQUIPMENT - TRUCKS - TRAILERS - SKIDSTEER

#### TRACTORS:

2004 Challenger MT755, 4360 hrs, auto-steer  
2007 John Deere 8230 MFWD, 2432 hrs  
2007 John Deere 8230 MFWD, 2376 hrs  
1996 John Deere 8300 MFWD, 3382 hrs  
1975 John Deere 4630, 9249 hrs  
1977 John Deere 2440, 4038 hrs, w/ JD 146 loader, bucket  
John Deere Model "A", restored

#### ELECTRONICS:

Trimble CFX 750 monitor  
JD 2600 display monitor  
Starfire 3000 gps receiver, SF1 unlocked

#### COMBINE, HEADS AND HARVEST EQUIPMENT:

2007 John Deere 9560 STS Combine, 2621 engine hrs, 1796 sep. hrs, ATU 200 auto steer ready  
2006 JD 693 Corn Head  
JD 630F Grain table  
Unverferth HT30 Header Trailer  
Kinze 650 Harvest Commander Grain Cart

#### TRUCKS:

1999 IH 9100 Day Cab Tractor, M-11 Cummins, 9 spd Eaton trans, 373k miles  
2004 Ford F-150 Club Cab, 4x4, 149k miles  
1999 Ford F-150 Club Cab, 253k miles, 8' bed, 2WDr  
2003 Honda Civic EX, 132k miles

#### TRAILERS:

2000 Timppte Grain Trailer, 34'  
2011 Stoughton Grain Trailer, 41'

#### PLANTERS:

Kinze 3600 Planter, 12-Row, 30 in., KPM II monitor, John Blue Piston pump, Precision Planting finger meters, no-till coulters  
JD 1560 Drill, Remlinger filler auger

#### EQUIPMENT:

1999 Spray Coupe 4440, 2732 hrs, 60' boom  
Duo-Lift 1000 gal. Nurse Trailer, like new  
DMI Tool Bar Applicator, 13-shank  
DMI 2500 5-shank Ripper  
AerWay AWFS300, verticle tillage, 30' CCT  
2013 J&M TF212 Harrow

Air-Way 25' Single Tine Harrow  
25" Drag Harrow  
Arts-Way 2400 Land Plane  
Glencoe Soil Saver, 9-shank  
Sudenga 10x62' swing-away auger, hyd. drive  
Harrowgator, 20'  
(3) Gravity Wagons  
Hay Wagon  
Implement Transport Trailers

#### MISC.:

John Deere LX176 Lawn Tractor, 48 in. deck  
Ag Poly Storage Tanks, (3)-2500 gal, (2)-1500 gal

#### EQUIPMENT FROM LOCAL FARMERS:

1995 John Deere 8400 MFWD, 9670 hrs  
1976 John Deere 4430, 7778 hrs  
1976 Case Agri-King 1370 Tractor  
Toyota SDK Skid Steer, 4132 hrs  
1996 Timppte Super Hopper Grain Trailer  
1996 Merritt Hopper Bottom Grain Trailer  
Sunflower 6331 Land Finisher, 25'  
Sunflower 1231 Disc, 21'  
AerWay 30' Verticle Tillage

Brandt 1370-HP swing-away auger  
Hutchinson 12"x 61' swing-away auger  
Westfield 13"x61' swing-away auger  
Mayrath 8"x50' transport auger  
Eversman 2400 Land Plane  
Top-Air PT Sprayer, 45' boom  
John Deere 230 Disk  
McFarlane spike tooth harrow  
Case 500, 5x plow  
White 485 Field Cultivators, 26'  
(4)Kilbros 350 bu gravity wagons  
PT Sprayer Frame, 45' boom

*Loading available Day of Auction  
No Small Items.*

**Equipment Inspection Date:**  
**Tuesday, March 3rd (10A- 2P)**

***Go to harveyplus.com***  
***for pics, info & terms!***

**(937) 244-2121**  
**HARVEY AUCTION CO.**

*Jeff Harvey, Auctioneer*

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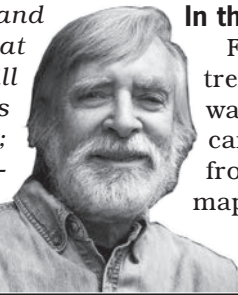
JD Tractors, JD Drill, Case Dozer,  
Spra Coupe, Wagons, Trailers



# Four weeks until tulip season and butterflies

We felt the stir of hall and street,  
The pulse of life that round us beat;  
The chill embargo of the snow  
Was melted in the genial glow;  
Wide swung again our ice-locked door,  
And all the world was ours once more.

John Greenleaf Whittier



## The Second Week of Early Spring The Fourteenth Week of the Natural Year Lunar Phase And Lore

The Lambing and Kidding Moon, becoming the new Broody Hen Moon at 4:04 p.m. on February 23, reaches apogee, its position farthest from Earth at 6:36 a.m. on February 26. On March 1, the moon enters its second quarter at 8:42 p.m. The Broody Hen Moon is often a Late Winter moon, bringing on BHS (Broody Hen Syndrome)! It's a time to check your chickens closely, remove eggs promptly – or let the hen hatch her brood, if that fits your plans.

Rising in the middle of the day and setting in the middle of the night, this moon passes overhead after sundown, encouraging fish to feed from late in the day into the dark, especially as the last cold front of February and the first front of March approach.

### Weather Trends

Throughout March, average temperatures climb almost a dozen degrees, the world warming twice as fast as it did in February. Starting in the lower 30s on the first of the month, normal averages rise one degree every 50 hours, reaching the middle 40s by the beginning of April. Typical lows swell from the 20s to well above freezing, and highs climb from the lower 40s up to near 55.

A typical March temperature distribution for the Lower Midwest includes up to two days in the 70s, five days in the 60s, six days in the 50s, nine days in the 40s, eight days in the 30s, and one day in the 20s. Frost occurs on about a dozen of the 31 mornings in March. Once in a great while, the land is frost-free after equinox, and the last hard freeze of the season frequently takes place prior to the first of April.

This year, another Supermoon is likely to bring a bitter storm to the second week of the month. Full moon on March 9 and lunar perigee (when the moon is closest to Earth) on the 10th will combine to put snowdrops and crocus under snow and ice.

### Countdown to Spring

One week to owl hatching time and woodcock mating time

Two weeks to the beginning of the morning robin chorus before sunrise.

Three weeks to daffodil season and silver maple blooming season and the first golden goldfinches.

Four weeks to tulip season and the first wave of blooming woodland wildflowers and the first butterflies

Five weeks until golden forsythia blooms and skunk cabbage sends out its first leaves and the lawn is long enough to cut

Six weeks until American toads sing their mating songs in the dark and corn planting time begins

Seven weeks until the peak of Middle Spring wildflowers in the wood and the full bloom of flowering fruit trees

Eight weeks until the first rhubarb pie

Nine weeks until the first cricket song on Late Spring

Ten weeks to the great warbler migration through the Lower Midwest

### In the Field and Garden

Force branches from flowering trees as the moon waxes. In the warmest years, honey bees and carpenter bees collect pollen from dandelions, red and silver maples, henbit and chickweed.

Redbuds and azaleas are in full bloom in southern Georgia, Alabama, Mississippi and Louisiana. Only six to seven weeks before they flower in the Lower Midwest.

Plant seeds (indoors) for flowers and vegetables that produce their fruit above ground before full moon (March 9).

As the moon wanes through the second week of March, continue seeding in flats (or directly in the ground) vegetables that will produce their fruit below ground.

Install cross fences to facilitate crop rotation.

Remove old rhubarb and asparagus stalks, cleaning out around the beds, digging in well rotted manure.

Graft and repot house plants. Dig fence post holes when the ground is soft and wet.

Try a first row of radishes, leeks, peas. Put in spring wheat when conditions permit.

### Almanack Classics Rambo's Hang-Up By Marge Mills, Ann Arbor, MI

For years, our small wool-breed flock grazed in three pastures on a rotation basis.

One of our wethers (neutered males) preferred the pasture with elm trees growing in it and would jump a fence or two to go scratch himself.

One evening, I counted sheep and missed you-know-who. I sent the dog out to find him, and she barked and barked until I finally went to investigate.

There was Rambo, hung up in the crotch between two trees. He had grown, and so had the trees!

Having no idea how long he had been there, I brought him a bucket of water and waited another hour until my husband, Louie, came in from the field.

Louie pulled and I pushed, and we finally got him out. My husband dutifully cut one of the trees down, so we will not have any more hang-ups!

### 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.

LECRAL	CELLAR
RACHREG	CHARGER
RECUAHC	CHAUCER
ACTPRO	CAPTOR
RRTCAE	CARTER
PPAER	PAPER
TPACERU	CAPTURE
RADCE	CEDAR
ANCCHROELL	CHANCELLOR
CATRECH	CATCHER

### This Week's Rhyming Sckrambler

CCOBOTA  
OTMATO  
OUEDNGR  
AEOWLGRTF  
OONMD  
HODAI  
XMCEIO  
OHLYLAT  
IGODN  
VOREGRWO  
TOTELAFL

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Support Your Local FFA

National FFA Week

February 22-29

**Tobias Auction Service**

**78 ACRE FARM with 3 BEDROOM HOME**

**Saturday, February 29th @ 12:00 Noon**

27 North County Road 1000 West

**LEXINGTON, IN 47138**

Directions: Auction is 5 miles east of the intersection of Hwy. 256 and Hwy. 3 and 7 miles west of the intersection of Hwy. 256 and Hwy. 62 in Madison.

House and Pole Barn: 1 and a half baths, 3 bedroom ranch style home with electric heat and attached 2 car garage. New septic system and roof within the last 10 years. 30 foot x 40 foot pole barn style garage. All on 1.74 Acres.

76 acres: Approximately 60 Acres of the 76 acres are tillable, with the rest being wooded. On the north end of property there is an old building site with water and electric hookups. Property has approximately 1280 feet of Road Frontage on Highway 256 and approximately 2450 feet of Road Frontage on County Road 1000 West.

AUCTIONEER'S NOTE: This is a beautiful farm with a lot of road frontage. To view this property call Bob Tobias at (812) 794-4671 or (812) 820-3928.

Owners: Thomas and Lowell Palmer

TERMS: 10% non-refundable down payment day of auction, balance at closing within 30 days. Buyer to assume November 2020 tax installments in all thereafter. EVERYTHING SOLD "AS-IS, WHERE-IS"

Announcements day of auction take precedence over printed material.

Deputy, Indiana

Bob Tobias

IN AU10500083 • KY RP3598

(812) 820-3928 • (812) 794-4671

**Garner Farms**

**FARM EQUIPMENT AUCTION**

**Ingham County, Michigan**

AUCTION LOCATION: 3260 PARMAN RD., DANSVILLE, MICHIGAN

**FRIDAY, MARCH 6<sup>TH</sup> • 10:00am**

**TRACTORS • DOZER**  
• 1994 CIH 9230, 4wd, Row Crop Special, 4 remotes, big 1000 pto, powershift, 18.4R38 rubber, recent replacement of articulation bushings & drive shaft U-joints, 6886 hrs • 1979 White 2-155, 2wd, 3 remotes, small 1000 pto, 3pt, quick hitch, 6 suitcase weights, 20.8R38 rears & duals, 14L-16.1 fronts, 8704 hrs • 1960 Massey Ferguson 65, diesel, 540 pto, 3pt, 13.6-38 rears, 6.00-16 fronts, 4527 hrs • 1991 JD 450G dozer, Series IV, 6 way blade, 8531 hrs

**PLANTING • TILLAGE**  
• 2015 Kinze 3660 planter, 16 row, 30", ASD, scales, Keeton Seed firmers w/fertilizer tubes, Martin row cleaners, spike closing wheels, covering chains, Precision V-Set meters for corn & soybeans, clean sweep row cleaner control, Row flow individual row shut off, 20/20 seed sense screen & control, 3-250 gallon tanks, red ball system, only 4500 acres • 1997 Great Plains 3010 drill, No-till, 30", 7 1/2" spacing, markers • Tebbins 5 shank sub soiler, pull type • DMI 5 bottom plow, vari-width, semi-mount • Krause 25' disc, rock flex, 8" spacing • Hiniker 24' field cultivator, bustar bar, rear hitch

**COMBINE • GRAIN TABLE • HEAD CART • GRAIN CARTS • WAGONS**  
• 2008 JD 9770 combine, 4wd, STS, Bullet Rotor, single point hookup, bin extension, chopper, 520/85R42 duals, 28L-26 steer tires, 3478 engine, 2267 separator • Lancota rear hitch for combine • 2008 JD 635F grain table, hydra flex, single point hookup, hydraulic fore & aft • Horst 35' head cart, AWS, lights • 35' head cart • 2005 Kinze 1050 grain cart, big 1000 pto, roll tarp, camera, 1250/45-32 tires • Lucknow grain cart, 600 bushel, 24.5-32 tires • (2) Killbros 375 gravity wagons on JD gears, one w/aviation tires • Killbros gravity wagon on Electric gear • Hutchinson transport auger, 8" x 50', hydraulic drive • Mayrath 6"x14' hydraulic drive auger • 6"x36' grain auger

**SEMI • PICKUP • TRAILERS**  
• 1999 Freightliner semi, daycab, ISM cummins, eaton fuller trans, aluminum tanks, aluminum outers, 22.5 rubber, air ride, 530,652 miles • 1985 Ford F800 fuel truck, 370 gas, w/2000 gallon stainless steel tank, w/2 pumps, automatic, 31,288 miles • 1992 Dodge 2500 pickup, 4x4, cummins diesel, automatic, transmission issues, 207,071 miles • 1967 Fruehauf dump trailer, 30', tandem axle plus lift axle, spring ride, coal chute, 22.5 rubber • (2) 28' single axle flat bed trailers, spring ride, steel deck, no-title • 1983 Stoughton 18' flat bed implement trailer, ramps, tandem axle • Charles 23' implement trailer, tri-axle, 18'+5' beaver tail, ramps, pintle hitch, no-title • 1950s Shoreline Coach travel trailer, single axle, stored inside, good condition

**GUIDANCE • GRAIN VAC • SNOW BLOWER • LOADER**  
• JD 2630 display w/auto steer & swath control • JD 3000 globe • D-K grain vac, 540pto, 60' pipe, 5" • George White Double Blizzard snow blower, 8', 540 pto, dual auger • Woods 350 tractor loader, 8' bucket • Forks for Woods 350 loader

**GRAIN BINS • DRYER**  
• (2) Read 27' grain bins, 7 ring, 10,000 bushel, no floor - will be taken down by June by seller • Read 27' grain bin, 9 ring, 13,000 bushel, no floor - will be taken down by June by seller • (2) Brock 30' grain bins, 7 ring - to be removed by buyer by August 1st • (2) Brock 21' grain bins, 7 ring - to be removed by buyer by August 1st • Brock 12' cone bottom bin, 7 ring - to be removed by buyer by August 1st • Super B 375C grain dryer, continuous flow, w/3 phase converter, 5048 hours

**TIRES • POLY TANKS • MISC FARM RELATED ITEMS**  
• (2) 20.00-20 26 ply tires on 10 bolt rims • (4) 20.8-34 clamp on duals • (2) 18.4-38 clamp on duals • (16) 255/70/22.5 tires • 1600 gallon poly tank • 1400 gallon poly tank • (5) 200 gallon shuttle tanks, 1 w/pump • (2) gas power washers • Simplicity Lawn Mower, 50" deck • Shop Cherry picker • Country Home trimmer on wheels, gas, 5hp • Craftsman edger on wheels, gas • Mast mount Cascade forklift barrel rotator w/clamp • Mast mount fork lift rotator • Oliver Gravity seed separator, 10hp, 3 phase motor, model 160A • Crippen Model GX-354-LH, 7 1/2 hp, 3 phase motor • Misc commercial lights, fluorescent • Garner Denver air operated chain fall, 3300 lbs • Yale Eaton 3 ton air operated chain fall, I-beam mount • Yale 1 ton overhead beam air hoist • (2) Morse 1500 lb barrell hoists • Self contained hydraulic pump, 5hp, 3 phase • Self contained hydraulic pump, 10hp, 3 phase • Self contained hydraulic pump, 30hp, 3 phase • (2) Miller wire feed welders, 250 amp • 24 amp battery charger • (5) 36 amp battery chargers • Woodbarry Belt conveyor, 16' long, 18" wide, 1/2 hp – 3 phase motor • 8" 1500 G/M DE Laval irrigation pump w/150 hp – 3 phase motor • Pallet of misc hose, 2.5" & 4" • Misc scrap steel

INSPECTION DATE: 9am-1pm  
Friday, February 28<sup>th</sup>

ONLINE BIDDING AVAILABLE

SELLER: Garner Farms

AUCTION MANAGERS: Robert Mishler, 260-336-9750 & Eric Ott, 260-413-0787

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# Sale Calendar

FROM PAGE 12B

**FEB 29 KEVIL, KENTUCKY: THE TILFORD TRUST — JAMES R. CASH AUCTIONEER.** Real estate.. 10 am

**FEB 29 LONDON, KENTUCKY: CONSIGNMENT — FORD BROTHERS, INC..** Farm machinery.. 9:30 am

**FEB 29 MORENCI, MICHIGAN: TEROLD 'WOODY' WOOD ESTATE — SCHRADER REAL ESTATE & AUCTION CO., INC..** Farm equipment.. 10 am

**FEB 29 ST. LOUIS, MICHIGAN: BADER & SONS CO. — MIEDEMA AUCTIONEERING.** Over 200 pieces of farm equipment.. no time given S

**FEB 29 ARCANUM, OHIO: WARREN & JOYCE BUSKE — MIDWEST AUCTIONEERS.** Tractors and personal property.. 9:30 am SEE AD ON PAGE 6B

**FEB 29 HILLSBORO, OHIO: HILLSBORO FFA ALUMNI — RICK WILLIAMS AUCTIONEER.** Farm equipment.. 10 am

**MAR 2 PARIS, ILLINOIS: FARMLAND AUCTION — MOSS AUCTION TEAM.** Edgar County 4-H Building. 10am

**MAR 2 WOLCOTTVILLE, INDIANA: DAVID AND DEBRA GROSSMAN — SCHRADER REAL ESTATE & AUCTION CO., INC..** Farm equipment.. 10 am SEE AD ON PAGE 18B

**MAR 3 GREENSBURG, INDIANA: NANCY LETMAN — OWENS AUCTION SERVICE.** Real estate.. 6:30 pm

**MAR 3 BATAVIA, IOWA: RETIREMENT AUCTION — MATT SULLIVAN.** Edgar County 4-H Building. 10am

**MAR 4 GREENFIELD, INDIANA: ELANCO US, INC. — SCHRADER REAL ESTATE & AUCTION CO., INC..** Real estate.. 11 am

**MAR 4 MONTGOMERY, INDIANA: ANNUAL SPRING AUCTION — SOUTHERN INDIANA AUCTION.** Horses, carriages, machinery, antiques.. 8 am SEE AD ON PAGE 18B

**MAR 4 RUMSEY, KENTUCKY: HAROLD WEST RETIREMENT — BIG IRON AUCTION.** Online unreserved auction, farm equipment.. no time given

**MAR 5 DECATUR, INDIANA: 2 DAY AUCTION — KRUECKEBERT AUCTIONEERS.** Complete liquidaton of truck service center, heavy trucks and equipment.. 10 am EST SEE AD ON PAGE 16B

**MAR 5 SPRINGFIELD, OHIO: STEWART FARMS, LLC — HARVEY PLUS AUCTION CO..** Farm equipment.. 10:30 am SEE AD ON PAGE 12B

**MAR 6 PARIS, ILLINOIS: LAND AUCTION — MOSS AUCTION TEAM.** 435 acres in 5 tracts.. 10 am Central SEE AD ON PAGE 15B

**MAR 6 DANSVILLE, MICHIGAN: GARNER FARMS — SCHRADER REAL ESTATE & AUCTION CO., INC..** Farm equipment.. 10 am SEE AD ON PAGE 14B

2-Day

## TRUCK & EQUIPMENT AUCTION

Thursday, March 5th & Friday, March 6th 10 AM EST  
Krueckeberg Auction Complex | 815 Adams St., Decatur, IN 46733

### DAY ONE

Thursday, March 5th | 10am EST

**Complete Liquidation of Truck Service Center Shop Equipment – Air Compressors – Jacks – Welders – Hand Tools – Shop Presses**

Complete John Bean Alignment Machine - Bumper Jacks – Various Size Jack Stands – Engine Hoist – Trailer Stabilizers – Screw Jacks – Air Bottle Jacks – Transmission Jacks – Tire Jacks – Clutch Jack - Delta & Jet Drill Presses – Oil Pans - Commercial Semi Trailer Jacks – Several Welding Carts – Metal Stands – 3 & 4 Bar Tire Cages – Weatherhead Hose Assembly – Misc Hose Rolls - (2) Coll Crimp T 100-1 Machine – Breaker Bars, Sledge Hammers, Crow Bars - Several Parts Bins w/Misc Inventory – Ladder Cart – Trolley Carts – 4 Wheel Carts – (4) Pallet Jacks – Barrel Carts - Fire Extinguishers – Tire Repair Kits – Curtis Industrial Air Compressor – Gas Power Air Compressor – Ingersoll Rand Air Compressor - 1" Air Impacts – Hose Reels – Man Cage – Winco 3000W Generator – Shop Vacs – 125 BTU Kerosene Heater – Power Washers – Battery Chargers – Shop Fans – Winton Vises – Several Pedestal Grinders – Air Hose Reels – Tire Chains – Lincoln AC/DC Arc Welder – Miller Millermatic 250X Welder – Miller Millermatic 251 Welder – Airco 300 AMP Heliwelder – Miller DC Arc Welder – Miller MD-500 Welder - Linde Power Supply Type CE-300 – (3) Robinair Cool Tech Air Condition Rechargers – DeWalt & Bosch Chop Saws – Ilco Key Machine – Shop Carts – Welding Tables – 10 Ton Body/Frame Repair Kits – 50 Ton Press – Semi Trailer Light Tester – (3) Davco Shop Pro FXP Fuel Pumps – Universal Joint Service Set – Coolant Dam Pressure Tester – Ball Joint Starter Service Kit – Cooling System Pressure Test Kit – Misc Aluminum & Steel Sheetting - Various Size Ladders – Misc Barrels Of Oil & Antifreeze – Various Size Used Tires - (3) Coats Semi Tire Changers - Coats Pro Guard Tire Changers - Rotary 10,000 2 Post Lift - & MORE!

Visit [kjauction.com](http://kjauction.com) for additional pictures & information!

Live Bidding Begins at 10am EST on March 5th & March 6th!

### DAY TWO

Friday, March 6th | 10am EST

**Heavy Trucks and Equipment**

- Large Group of 2005-2012, 2 Wheel, 4x4
  - 6x6 Digger, Utility & Bucket Trucks Under & Over CDL
- Heavy Spec Trucks
- Large Group of 1998-2015 KW, Petes Volvo, IH, & Freightliner Repo & Off-Lease Day Cabs & Sleeper Trucks
- Shop & Construction Equipment, Forklifts, Skid Steers, Zero Turn Mowers, Lawn Equipment, Large Amount of Truck Accessories
- Large Group of Moffett 3-Ways and 4-Ways
- Group of 2002-2015 Box, Flatbeds & Reefer Trucks
- Semi-Trailers, Drop Decks, Low Boys, Flatbeds, Dump & Van Trailers
- KW T300, Propane Trucks, Etc
- Single, Tandem, & Triaxle Dump Trucks
- Work Vans & Pick Up Trucks
- Group of 2013 Peterbilt 386 Daycabs – Off lease
- Group of 2001 – 2008 Basket Trucks with Cable Reel Carriers
- Bank Repo Dump Truck, Trailers, and Sleeper Truck
- 2003 Bombardier GT3000 Pressure Digger
- Group of Equipment from Light Tower Generators
- New Camper Trade In
- NEW Tomahawk Attachments: Forks, Grapple Buckets, 72" Buckets, Stump Bucket & More

Visit [kjauction.com](http://kjauction.com) for additional pictures & information!

For Questions about equipment or to Consign Items, Please call Trevor (260.223.7503) or Darrell (260.433.0494)

Secured Creditors & Various Consignors, Owners

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## GOODIN FARM EQUIPMENT CLOSEOUT AUCTION

**EXCELLENT LATE MODEL EQUIPMENT**  
**SATURDAY, MARCH 7, 2020 - 9:00AM**

Located: 3883 Norton Rd., **RADNOR, OH 43066**

or 6 mi. S.W. of Waldo, 15 mi. N. of Delaware, 15 mi. S. of Marion, on SR 23 to Norton Rd. (Stop Light) turn W. through Norton & go 4 mi. W. to farm. Online bidding avail through [higginsauctions.com](http://higginsauctions.com). Mr. Goodin is retiring from a successful farm operation of 54 yrs. This equip. in Great Field Ready Condition, most is 1-owner.

**AUCTION ORDER:** Starts w/misc. for approx. 30 minutes followed by barn & then to equip, followed by balance.

**TRACTORS:** '16 C-IH 280 Magnum (Tier 4B), MFWD, (280 eng. hp, 235 pto hp) Pro 700 AFS Auto Guidance System Monitor, NAV II Controller 372 WAAS receiver, 19 spd. Powershift (25 mph), luxury suspended cab & instructional seat, AM/FM/CD & Business band (w/bluetooth) elect. rearview mirrors, 360 LED lights & dual beacon lights, Class 4.75 suspended front axle, high cap. hyd. pump (59 GPM) 1000 pto, Power Beyond & hyd. motor return, leather package, 5 elect. remotes, 480/80R 50 R1W Michelin rear duals, wide front fenders, 380/80R 38 R1 Michelin front duals, Cat. 4N 3 pt., quick hitch, Cat. III HD drawbar, eng. block heater, front weight frame, 2000 lb. rear wheel wts., radar, 175.8 hrs; '12 Case IH Magnum 190 (Tier 4), MFWD, deluxe cab w/heated seat, instructional seat, single beacon light, 19 spd. PS trans, front tires 380/80R34 (duals) & front fenders, rear tires 480/80R46 (duals), high cap. hyd. pump, motor return, 4 elect. remotes, 540/1000 pto, HD (Cat III) drawbar, front weight frame, (2) 500 lb. rear weights, Auto-Guide ready (Pro 700 monitor) NAVII controller, 262 receiver (WAAS), 1222 hrs. **COMBINE-HEADS-CART-REEL:** '09 Case IH 5088 Combine, 1389 eng./1080 separator hrs., 265 hp. w/25 hp. power rise, 250 bu. grain tank, 2.5 bu/sec. unload rate, 900/60R32 R1 drive tires, 18.4xR26 R1 steering tire, 2WD, 2 spd. hydro, lateral tilt (2 spd.) feeder house w/stone trap, Terrain Tracker, Extended-wear rotor, Rotor Transition cone-extended wear, upper sieve-1 5/8 in corn slat-adjustable electronic, lower sieve-1 1/8 in adjustable-electronic, grain tank-elect. covers, straw chopper-chaff spreader, GPS for mapping; 2012 C-IH 3020 (30") grain head, on Unverferth HT30 header cart (sells separate); '11 C-IH 3206, (6-30) poly cornhead, cornstock stompers; Woods 20" header cart; Kelderman down corn reel, used 1 season, adaptable to most corn heads, off CIH 1000 series corn heads; (5) IH poly cornhead snouts.

**PLANTER:** '13 Great Plains 1225A Yield Pro Planter, 30', 12-24 row, Twin Row, contact drive, Spider closing wheels w/drag chains, Keeton seed firmers, Unit mtd. coulter, 15" turbo blades, row cleaners, 80 bu. hopper, (2) 200 gal. fertilizer tanks, starter fertilizer manifold kit, pump & ground drive kit, markers, 24 Soybean Disk (84 cell), 12 Corn Disk (40 cell, x3 sizes). **TILLAGE:** '12 Great Plains 2400TM, Turbo Max vert tillage, 24'5", 7.5" spacing, rolling spike harr., rolling basket reel, 20" blades; DMI 500 Ecola-Till 3 pt. 5 shank ripper w/springs; 1999 C-IH 4200 (22") hyd. fold mulch finisher, cushion gang disk, Rem. 5 bar spike tooth harr. (2 yrs. old); Unverferth 225 (25") rolling basket harrow. **APPLICATOR-SPRAYER-NURSE TANKS:** '10 Blue Jet AT3000 All Terrain Liq-uid fert. applicator, 11R-30, Deluxe fold, Snyder 1000 gal. tank, John Blue 9055 dbl. piston pump, 12.4-38 tires, lights; '10 Hardi Commander Plus 1200 (1200 gal.) pull type sprayer, 5 section 93' boom, triple nozzles, 320/90R 46 tires, monitor. **SEED TENDER:** '14 J&M 275 ST Speed Tender tandem axle, hyd. conveyor swing up, Honda elect. start motor, roll tarp. **NURSE TANKS:** Snyder 1500 gal. poly nurse tank, tandem axle, 5 hp. gas pump; 1000 gal. poly nurse tank, tandem axle, 5 hp. gas pump, wash tank. **GRAIN TRUCK-GRAIN WAGONS:** '99 IH 8100, Cummings M-11-280E (280 hp.) eng., Fuller 9 spd. trans., 20' steel hoist grain bed, Hendrickson suspension, tandem axle with cheater axle, roll tarp, air cond., 168,500 mi., 9829 hrs. clean; Killbros 655 g. wagon, front & rear brakes, lights, windows, 425/65R 22.5 tires; (2) matching J&M 525-SD g. wagons (red) on J&M 1592 gears, lights, brakes, windows, roll tarps, 65R 22.5 tires, beds; Killbros 390 g. wagon on Killbros 1386 (13 ton) gear, lights, windows, 11R-22.5 radials; Killbros 350 g. wagon on Killbros 1280 (12 ton) gear, lights, 11.00-20 tires; (3) 22.5 spare tires on rims. **GRAIN AUGERS:** Westfield MK 100-51, 8"x51" transport auger, swing away hopper, hyd. lift; Hutchinson model 10, 10"x57" transport auger, hyd. lift; Older 12' hyd. wagon auger, bristle brush; '02 Batco 1335-TD transport 30' grain conveyor; Sundengo 8"x8" truck hopper, hyd. drive; Hutchinson 7 1/2"x8" truck hopper, elect. motor. **GRAIN DRYER-BLOWER PIPE-GRAIN BINS:(AMPLE TIME TO REMOVE):** 2004 Brock Super B drying optimizer grain dryer, model SD250VH, 300-400 bu. per hr., 1655 Burner LP, Quantum dryer controller; Transfer 700, air line approx. 75"x4" blower bin pipe w/Universal model 56U blower w/5 hp. elect. motor; 2000 bu. wet holding bin; 30'-14,000 bu. grain bin, floor, bin sweep; 24'-12,000 bu. grain bin, floor, bin sweep. **BATWING MOWER:** '98 Mohawk 15-0 (15') batwing mower, 6 solid rubber tires. **FUEL TANKS:** Steel 1000 gal. dbl. wall horizontal fuel tank w/Gas Boy elect. meter pump; Steel 250 gal. skid fuel tank w/elect. pump; Steel 200 gal. skid fuel tank w/hand pump. **FLAT BED WAGONS:** (2) 14' wagons w/side boards, 1-w/JD gear, float, tires. **MANURE SPREADER-LIVESTOCK ITEMS:** N.I. 12A ground drive manure spreader (g.c.); approx. 200 steel fence posts; roll of 34" high woven fence. **OLD HISTORICAL HOOP ROOF BARN:** Classic vint 1901 42'x30' barn w/lean to, great hoop beams & hayloft, Buyer to remove, ample time to dismantle!

*Following has been consigned by (Triple L Farms) Donald Lauer Prop Mgr. they quit farming after many yrs.*

**TRACTORS:** '77 M.F. 1105, C/H/A, Mult-Power powershift, 3 pt., Q.H., 2 hyds., 18.4-38, set of 4 wheel wts., pro 18.4-38 clamp on duals, 4456 hrs., less than 500 hrs. on new head, Turbo, Injector pump & nozzles; (12) M.F. suit case weights; IH 685 dsl. utility, shuttle, rops, canopy, 2250 Mount-O-Matic loader, 6' bkt., 2 hyds., 18-4-30 tires, 3187 hrs. **FARM EQUIP:** IH 5100 (15') 21x7 end wheel drill; White 508 4-16"/18" semi mtd. auto. reset plow, less than 100 acres on new bearings, shims & mold boards; Brillion TPW-14 (15") cultipacker w/S-Tine leveler; Brady 7-9 shank 3 pt. ripper; White 225 13' field cult. w/newer 3 bar harr. & 15' Remlinger rolling basket; JD 110 (13'6") wheel disk, 18" blades; '12 King Kutter 72" 3 pt. finish mower; JD 2 sect. drag harrow; 300 gal. dsl. gravity fuel tank; (3) J&M 250 bu gravity wagons, ext. tongues, float tires; JD & J&M 10 ton. gears; 12'x6" hyd. wagon auger; 11L-15 float tires

**OWNERS: DON & VIRGINIA GOODIN**

For detailed questions call 740-272-0852



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# ABSOLUTE AUCTION

**385 ACRES MORE OR LESS IN TRACTS \* RIVER BOTTOM LAND \* ACREAGE TRACTS \* HOUSES  
JOHN DEERE TRACTORS \* FARM EQUIPMENT  
SATURDAY, MARCH 14, 2020 ~ 10:00 AM  
Auction to be held at main farm site, 11988 River Road (Hwy. 389) CAMPBELLSBURG, KY 40011  
in Henry County near the community of Port Royal. Watch for signs.**

**Real Estate Sells At 10:00 AM \* Equipment Sells At 11:30 AM**

## Tracts subject to Henry County Zoning Approval

**MAIN TRACT** – Located at 11988 River Road, Campbellsburg, Ky. 40011, with 200 acres (more or Less) to be surveyed. Prime Kentucky River bottom land, large shop building, like new metal 48x108 equipment building, tobacco barn, bunk house, and 15,000 bushel grain storage, 3200 feet of Kentucky River frontage.

**HOUSE TRACT** – Located at 11988 River Road will be sold separate with 2 acres. 3 bedroom home, eat in kitchen, living room and bath. House is in need of repair.

**TRACT – 1** Located at Drennon Springs, off Hwy. 202 (Drennon Road) and 1360 on Quickert Lane, 39 +- acres mostly wooded with long frontage.

**TRACT – 2** Located at Drennon Springs on Quickert Lane, 43 +- acres bottom land surrounded on 2 sides by Drennon Creek.

**TRACT – 3** Located on Hwy. 202 at Drennon Springs, 59+- acres of prime bottom land completely surrounded by Drennon Creek. Tobacco barn.

**TRACT – 4** Located on old Drennon Road and adjoining tract 3, 2 acres, 1½ story home with 4 bedrooms, hardwood floors, full basement and outbuilding.

**TRACT – 5** Located on Drennon Road (202) 31 +- acres with frontage on Drennon Creek, crop ground, several out buildings and long road frontage.

**TRACT – 6** Located across the road from tract 5 and adjoining the Kentucky river. 2 acres improved with house in need of repair.

**TRACT – 7** Located at Drennon Springs (Hwy. 202) 5 acres on the Kentucky River with 2 small homes in need of repair.

**PUBLIC INSPECTION SUNDAY, MARCH 8TH, 2 TO 4 PM**

## JOHN DEERE TRACTORS

2012 JD 8310R 4x4, C/A, ILS, buddy seat, front and rear duals, full weights, 2950 hours, 16 PS, power beyond, ILS, SN-AW8310RJCP054903. 2005 JD 8320 4X4, C/A, full weights, buddy seat, duals, 16 PS Tran, 5338 hours, SN RW8320P054903. 1983 JD 4840 C/A, duals, weights, power shift. SN 4840P02109RW. 1982 JD 4440 canopy, weights, SN 4440PR050331R (Needs Transmission). 1975 JD 4430 weights, duals, power shift, 7347 hrs., SN 4430PR032674R. 1976 JD 4030 weights, quad range, SN 4439PR0326744R. 1969 JD 4520 weights, Synchro-Range SN 4520R001870R.

## DOZERS / SKID LOADER

2006 JD CT 332 Skid Loader w/ rubber tracks, forks, dirt bucket 1949 hours, 1986 CAT D6H XL dozer, cab & brush guard, rebuilt transmission, 5812 hrs. SN7PC00597. JD 450 dozer, rough condition.

## PLANTER - IMPLEMENTS - TOOLS

JD 2006 332CT 1790 Planter 16/31 SN TO332TB132903, 2014 Unverferth 2750 seed tender with talc., 2012 Unverferth 2750 seed tender, 3 JD Green Star monitors, 3000'S & 2630'S. 2012 JM 750 Grain Cart, 2005 JM 750 Grain Cart, JD 2100 7 Shank V Ripper, Glencoe 10' Chisel Plow, 2 JD 10' 1610 Chisel Plows, JD HX 15 batwing rotary mower, 8 flat bed wagons, 20' & 22', Kory and John Deere gears, plows, hay bine, disks, rotary hoe, nitrogen knife, shop tools, fuel tanks, nitrogen tanks and other.



**TERMS:** 10% down day of sale on real estate, balance with deed on or before April 20, 2020. Full payment on machinery and tools day of auction by cash, check, or major credit card 3% convenience fee for credit cards. A 10% buyers premium will be added to all bids to determine the final sale price.

Call Barry Smith at 502-682-0586 with questions  
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BRYANT WILLARD



# New tariff exemption from African swine fever and coronavirus

China, still reeling from African swine fever and now the coronavirus, announced this week that it would accept applications for new tariff exemptions for 696 products imported from the United States, including agricultural and energy products such as pork, beef, soybeans, liquefied natural gas and crude oil.

HighGround Dairy (HGD) says “This will include dairy products that had tariffs imposed by China over the past two years.” Nonfat dry milk powder was on China’s short dairy list, says HGD, and “This opens up opportunities for US products and conveys how desperate China has become to procure foreign goods. Tariff exemptions will make the procurement of US goods more attractive in an attempt to meet their commitment to purchase \$200 billion of additional goods and services over the next two years. If and when the Chinese are ready to purchase dairy products from the US, this is bullish to whole milk, skim milk, and sweet whey powder sourced from the States.”

Matt Gould, analyst and editor of the Dairy and Food Market Analyst newsletter, said in the Feb. 24 Dairy Radio Now broadcast that the tariffs being removed were 25 percent so on March 2, when this goes into effect, the end cost to Chinese customers is a drop of about 25 cents per pound “which in the commodity world is huge.” He also credited the first phase agreement President Trump negotiated with China for this concession and said, “hopefully this is part of a de-escalation of the trade war overall.”

Cooperatives Working Together (CWT) member cooperatives accepted 18 offers of export assistance this week from CWT to help capture sales of 1.166 million pounds of Cheddar cheese, 79,366 pounds of butter, 112,436 pounds of cream cheese, and 1.323 million pounds of whole milk powder.

January US milk output hit 18.8 billion pounds, according to preliminary data in the Agriculture Department’s first Milk Production report of 2020. That’s up 0.9percent from January 2019. Output in the top 24 states totaled 17.9 billion, up 1.2 percent. Revisions added 88 million pounds to the original 50-state December total, now put at 18.37 billion pounds, up 1.2percent from Dec. 2018.

The report pegged 2019 milk output at 218 billion pounds, up 0.4percent from 2018, the slowest growth rate since 2009. Cow numbers totaled 9.34 million head, down 0.7 percent from 2018 and up 2.3 percent from 2010. The 2019 output per cow averaged 23,391 pounds, up 241 pounds. The average annual rate of milk per cow has increased 10.6 percent from 2010, according to the USDA.

Meanwhile, on farm dairy margins, “weakened slightly since the end of January but remain historically strong with projected profitability at

or just below the 90th percentile of the previous decade throughout 2020,” according to the latest Margin Watch (MW) from Chicago-based Commodity & Ingredient Hedging LLC.

The MW stated, “While the milk market sold off, this was offset by corresponding weakness in feed input costs to mitigate the impact on margins. Milk prices have been under pressure due to concerns over the spreading coronavirus in China and its potential impact on forward demand. The latest GDT saw whole milk powder (WMP) fall to a six-month low of \$3.039 per MT, down 6.2 percent from the previous event due to concerns of slumping Chinese consumption.”

The MW cited December’s high level of nonfat dry milk and skim milk powder production detailed in the latest Dairy Products report as well as the large stockpiles, which I detailed previously. The MW says “December trade data also indicated that high US cheese prices weighed on overseas demand, with exports of 57.6 million pounds during the month, down 9.3 percent from 2018 and below the five-year average of 60.3 million pounds for the month. This slowdown in export

demand may continue through firth quarter as high prices are likely to encourage buyers to procure cheaper EU supplies,” the MW warned.

“USDA updated their balance sheet estimates in the February World Agricultural Supply and Demand Estimates report with decreased price projections for both cheese and butter due to weak demand. Projected cheese prices were lowered to \$1.79 per pound from \$1.8350 in January, and butter prices declined to \$1.91 per pound from \$1.96 last month,” the MW concluded.

In perhaps a knee jerk reaction to China’s announcement Monday, Grade A nonfat dry milk jumped 3 cents Tuesday, to \$1.20, but closed Friday at \$1.17, unchanged on the week but 17.25 cents above a year ago, with 28 cars sold.

FC Stone points out in its Feb. 20 Early Morning Update that, since December 2017, the price of nonfat dry milk has doubled in the US. In Dec. 2017, it hit a low of 64.75 cents per pound. Late last month it hit \$1.2975.

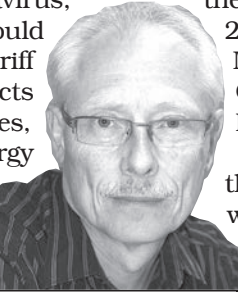
CME dry whey held all week at 37 cents per pound, 2.25 cents above a year ago, with no sales reported on the week.

US fluid milk sales continue to falter. The USDA’s delayed data shows 3.7 billion pounds of packaged fluid sales in

November, down a whopping 9.4 percent from Nov. 2018. Conventional product sales totaled 3.5 billion pounds, down 10 percent from a year ago. Organic products, at 220 million pounds, were up 1.0percent but represented just 5.9percent of total sales for the month. Whole milk totaled 1.2 billion pounds, down 8.3percent from a year ago and made up 32 percent of total fluid sales in the month. Sales for the 11 month period totaled 13.7 billion pounds, up 0.1 percent from a year ago. Skim milk sales, at 258 million pounds, were down 16.4 percent and made up 6.9 percent of total milk sales for the month.

Total packaged fluid milk sales, January through November, totaled 41.95 billion pounds, down 2.5 percent from a year ago. Conventional products year-to-date totaled 39.6 billion pounds, down 2.5 percent. Organic products, at 2.3 billion pounds, were down 2.0percent and represented 5.5 percent of total fluid milk sales for the period.

Speaking of falling fluid sales, the March Federal order Class I base milk price was announced at \$17.46 per hundredweight, down 9 cents from February but \$1.48 above March 2019 and the highest March Class I price in six years. It equates to about \$1.50 per gallon, up from \$1.37 a year ago.



MIELKE MARKET WEEKLY  
By Lee Mielke

3 Big Days!

In the Heart of Daviess County - Indiana's Amish Community

24TH ANNUAL SOUTHERN INDIANA'S SPRING DRAFT HORSE, CARRIAGE, MACHINERY, ANTIQUE

3 Big Days!

GPS Address: 9074 E CR 550 N, Odon, IN 47562

Signs sell Wednesday

MARCH 4TH, 5TH, 6TH, 2020

Anvils sell Thursday

Located 9 miles east of Washington, Indiana on Highway 50 to Cannelburg Then 5.5 miles north on County Road 900 E (Odon Cannelburg Rd.) at Dinky's Auction Center (halfway between Odon-Hwy. 58 and Cannelburg-Hwy. 50). Approx. 100 miles south of Indianapolis, 65 miles northeast of Evansville, Indiana

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**Anvils** - 600 lb Fisher; 153 lb. Mouse Hole; 82 lb. Henry Wright; 110 lb. Peter Wright w/ Base; 232 lb. Double Horn ; 256 lb. all Days & Onions; 150 lb. Peter Wright Farrier's; 329 lb. Peter Wright; 234 lb. Anvil on Stand, made in Sweden; 11 lb. USA Made; Several Anvil Hardies; Swedge Block w Cast Iron Base & Cover; Plus Numerous Other Anvils.

DSP=double sided porcelain, SSP=single sided porcelain, SST=single sided tin, DST=double sided tin

**Signs** - Sinclair 48x20 SSP; Lightning Rods 30x36 SST "Mint"; Diamond Edge 27 1/2 x 9 1/2 SST; Merita Bread Lone Ranger 24x36 SST, dated 1955 Graphics Imbossed "Almost Mint"; Quaker State Oil DSP on stand; 2 Public Telephone 11x11 DSP flange; AA Fertilizer 20" DSP Flange; Gold Bond 42x48 SST; Gulf Sign 18x18 DSP Flange; 26x74 DS Wood Kayner Agency; 18x24 SST NOS; Doo Klip 23x16 SST; Purina 11x11 SST NOS "1954"; Golden Harvest 28x48 SST NOS; Public Telephone 18x18 DSP flange.

**Antiques** - Shoeshine Stand with Marble Top; National Cereal Company Cabinet w/Stenciling; Standard Oil (IND) 5 Gal. Liquid Measure; National Coffee Grinder; Lg Leather Live-stock Sling; Double Corn Sheller; Wicker Baby Carriage; Large Selection of Blacksmith Hammers; Little Giant Ice Crusher; Railroad Depot Carts; 64 Glass Schoolhouse Stove Pennsular Stove Co.; Collection of 75 Grinders; Military Wagon Bed Only; U.S. Cavalry Horse Blanket; Plus Lots More.

**Carriages & Wagons** - Cinderella Carriage, new; 2 Vis-A-Vis; Several Goat Wagons; Pony Size Buggies & Carts; Several Hitch Wagons; 1 & 2 Seat Buggies and Sleighs (Selling approx. 250 Units).

**Farm Machinery** - 328 JD Hay Baler; 336 JD Hay Baler, field ready; 489 NH Hay Baler, NH 56, 256, 258 Hay Rakes; JD 640 Hay Rakes; Several Gravity Wagons; Several Hay Wagons; 1949 "A" JD Tractor; Plus Lots More.

\*\*\*\*\*

**WEDNESDAY** - Ring 1 - Antiques - 8 AM, Ring 2 - Crocks, Cast Iron & Reproduction - 8 AM, Ring 3 - Primitive Furniture & Antiques - 9 AM, Ring 4 - Antiques - 8:30 AM, Ring 5 - Wagon Wheels & Wagons.

**THURSDAY** - Ring 1 - Horse Related Farm Machinery - 8 AM, Ring 2 - Antiques, Blacksmith Tools, Anvils - 8 AM, Ring 3 - Antiques 8 AM, Ring 4 - Garden Plows & Antiques - 8 AM, Ring 5 - Farm Related Misc. - 8 AM, Ring 6 - Horse Collars & Harness - 9 AM, Ring 7 - Carriages & Sleighs - 10:30 AM, Ring 8 - Hit & Miss Engines - 11 AM, Ring 9 - Maytag Wash Machines & Stoves - 12 PM - Approx. 125 Head Standardbred Horses at 5 PM.

**FRIDAY** - Approx. 250 Head Draft Horses - 9 AM.

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For More Pictures Visit [www.auctionzip.com-auction ID 18776](http://www.auctionzip.com-auction ID 18776)  
S.I. Auction Co. AC 30400005

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For Information or To Consign Contact Paul Raber 812-486-8160  
To Consign Farm Machinery Contact Eli Knepp 812-486-3579

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# DENNIS POLK EQUIPMENT

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[www.SullivanAuctioneers.com](http://www.SullivanAuctioneers.com)

# No Reserve Retirement Auction

## Warsaw, Indiana

**THURSDAY, MARCH 19, 2020 @ 9:00 AM EST**  
Auction held at Dennis Polk Equipment • 4916 North State Road 15 • Warsaw, Indiana 46582



**TRACTORS:** 2012 John Deere 9360R 4wd tractor, PS trans., 4 hyd. outlets, 1000 PTO, 3-pt. hitch, 480/80R50 tires and duals, HID lighting, premium cab, 3,609 hours, SN 1RW9360 RCCP005140; 2006 John Deere 8230 MFWD tractor, PS trans., 4 hyd. outlets, 60 GPM hyd. pump, 540/1000 PTO capable, 480/80R50 rear tires and duals, 380/80R38 front tires, front and rear weights, front and rear fenders, HID lighting, deluxe cab, 3,748 hours, SN RW8230P003325; 1998 Case-IH 8920 MFWD tractor, PS trans., 3 hyd. outlets, 540/1000 PTO, 18.4R42 rear tires and duals, 14.9R30 front tires, front weights, 4,106 hours, SN JJA0084249; 1993 Case-IH 5250 2wd tractor, cab, PS trans., 3 hyd. outlets, 540/1000 PTO, 18.4R38 rear tires, 11.00-16 front tires, rear weights, complete with Westendorf WL-42 loader, 84" bucket, 2,397 hours (shows 347 hours), SN JJF1027957; 1991 John Deere 4055 2wd tractor, PS trans., 2 hyd. outlets, 540/1000 PTO, 460/85R38 rear tires, 11.00-16 front tires, rear weights, front fenders, new style step, 6,280 hours, SN RW40055P005489; John Deere 6320 MFWD tractor, open station, 16 spd. trans. with LH reverser, 2 hyd. outlets, 540/1000 PTO, 16.9R34 rear tires, 13.6R24 front tires, complete with John Deere 640 loader, joystick, 84" bucket, hood guard, SN 423852L; John Deere 4105 MFWD tractor, open station, hydro. trans., 540 PTO, 17.5L-24 rear tires, 10-16.5 front tires, complete with John Deere H165 loader, joystick, 60" bucket, hood guard, 388 hours, SN 1LV4105HLEH710280; 1974 John Deere 4030 2wd tractor, open station, Synchro trans., 2 hyd. outlets, 540/1000 PTO, 15.5-38 rear tires, 9.5L-15 front tires, 6,795 hours, SN 006715R; 1970 John Deere 4020 2wd tractor, ROPS with canopy, diesel, Synchro trans., side console, 2 hyd. outlets, 540/1000 PTO, 18.4-34 rear tires, 11L-15 front tires, front and rear weights, front fenders, new style step, restored, 5,928 hours, SN 234035; 1970 John Deere 4000 2wd tractor, ROPS with canopy, diesel, Synchro trans., side console, 1 hyd. outlet, 540/1000 PTO, 18.4-34 rear tires, 9.5L-15 front tires, front and rear weights, front fenders, new style step, restored, showing 30 hours, SN 241066; 1969 John Deere 3020 2wd tractor, ROPS with canopy, diesel, Synchro trans., side console, 1 hyd. outlet, 540/1000 PTO, 18.4-34 rear tires, 9.5L-15 front tires, front and rear weights, front fenders, new style step, restored, showing 44 hours, SN 125907; John Deere 2030 2wd tractor, ROPS with canopy, 1 hyd. outlet, 540 PTO, 16.9-30 rear tires, 7.50-16 front tires, complete with John Deere 145 loader, independent controls, 72" bucket, 3,310 hours, SN 214055T; John Deere 2010 2wd tractor, open station, gas, Synchro trans., 1 hyd. outlet, 540 PTO, 13.6-36 rear tires, 7.50-18 front tires, front fenders, umbrella, restored, SN not legible; 1980 International 1086 2wd tractor, cab, 2 hyd. outlets, 540/1000 PTO, 18.4-38 rear tires, 11.00-16 front tires, K&N step, 6,612 hours, SN 50950; 1974 International 966 2wd tractor, open station, diesel, 2 hyd. outlets, 540/1000 PTO, 18.4-34 rear tires, 4,426 hours, SN 24324; 1992 Kubota L4350DT MFWD tractor, open station, gear drive, 2 hyd. outlets, 540 PTO, 14.9-28 rear tires, 9.5-20 front tires, complete with Bush Hog 2346 QT loader, joystick, 72" material bucket, 2,036 hours, SN 61576; 1986 Kubota L2850 MFWD tractor, open station, gear drive, 540 PTO, 13.6-24 rear tires, 8-16 front tires, complete with Kubota BF500 loader, joystick, 60" bucket, 1,338 hours, SN 52760.

**COMBINE & HEADS:** 2014 John Deere S680 4wd combine, ProDrive trans., 5-spd. feederhouse drive, power fold bin ext., 26' unloading auger, PowerCast tailboard, 520/85R42 drive tires and duals, 1,800/1,400 hours, SN 1H0S680SPD0765217; 2014 John Deere 635FD 35' HydraFlex draper head, flip over reel, single point hookup, hyd. fore and aft, SN 1H0635FDJE0766387; Gleaner 9250 40' DynaFlex draper head, flip over reel, single point hookup, Gleaner adapter, SN AGCR92500CHD01242; John Deere 930F 30' platform; John Deere 925F 25' platform, full finger auger, hyd. fore and aft, SN H00925F680886; John Deere 920 20' platform, hyd. fore and aft, reel is bent, SN H00920F677105; John Deere 693 6 row 30" corn head, hyd. deck plates, Pixall knife rolls, new chains and sprockets, SN H00693X680824; Case-IH 1020 20' platform.

**HEAD CARTS:** EZ-Trail 36" head cart, front dolly wheel, tandem axle, brakes, lights; Unverferth HT30 35" head cart, lights.

**TILLAGE EQUIPMENT:** 2012 Kuhn Krause 8000 Excelerator 30' vertical tillage tool, manual adjust gangs, star wheels and rolling basket, SN 1746; 2016 Great Plains 24' Turbo Max vertical tillage tool; Sunflower 4710 6-shank 3-pt. in-line ripper, spring reset shanks, no-till coulters, gauge wheels, SN C47100HX464001 – Like new; DMI Tiger-Mate II 30' field cultivator, gauge wheels, 4-bar coil tine harrow, SN JFH0036605; Remlinger DRH-30 30' Harrow Carts double rolling basket, buster bar, telescoping hitch, lights, SN 00012861 – New; Elk Creek Welding 3-pt. implement carrier, dual tires, SN 04081073.

**HAY EQUIPMENT:** John Deere 338 small square baler, twine tie, hyd. swing, hyd. pickup, Gandy preservative, SN E00338X986101; John Deere 702 8-wheel hay rake, center kicker wheel.

**GRAIN HANDLING EQUIPMENT:** J&M 385 gravity wagon, dual compartment, 12.5L-15 tires, roll tarp, KSI 6"x16" hyd. drive conveyor, J&M 1074 running gear, SN 31257; Parker 2500 gravity wagon, 16.5L-16.1 tires, rear brakes, SN 7921520.

**PLANTERS:** Kinze 3600 12/23 planter, ground drive, finger pickup, no-till coulters, 1.6 bu. boxes, markers, spring down pressure, corn and soybean units, KPM III monitor, SN 623166; John Deere 7200 Conservation 6 row 30" planter, ground drive, vacuum, no-till coulters, 1.6 bu. boxes, markers, spring down pressure, (3) 70 gal. liquid tanks, squeeze pump, single disc openers, SN 208542; John Deere 7200 6 row 30" planter, ground drive, finger pickup, 1.6 bu. boxes with extensions, markers, spring down pressure, precision corn meters, radial soybean meters, 150 monitor, insecticide, dry fertilizer, double disc openers.

**LIVESTOCK EQUIPMENT:** New Holland 355 grinder mixer, scales, 20' folding auger, hyd. drive, 1" & 3/16" screens, 540 PTO, 31x13.50-15 tires, SN 842945; Valmetal AM450 TMR 4-auger mixer wagon, scales, 5' LH discharge, SN 559; Kuhn Knight 5135 Vertical Maxx TMR mixer wagon, scales, RH discharge, 540 PTO, SN F0096; 2015 Kuhn Knight Primor 4270M bale processor, SN PR14270F1416; New Idea 3639 manure spreader, 540 PTO, tandem axle, hyd. end gate, 16.5L-16.1 tires, SN 254823; John Deere L manure spreader, ground drive, original.

**SEMI TRUCKS:** 2005 Peterbilt 378 day cab semi, Cat C15 eng., 10-spd. trans., air ride, air slide 5th wheel, 24.5" aluminum wheels, 205" wheelbase, S.S. full fenders, dual 8" stacks, toolboxes, aluminum headache rack, strobe light, extra lights, 555,286 miles, VIN 1XPFD0X05D852015 – Platinum over-haul @ 543,400 miles; 1994 Freightliner FL70 rollback truck, Cummins 8.3L eng., 9-spd. trans., air ride, 22.5" aluminum wheels, 28" steel bed, winch, rear hitch, toolboxes, showing 92,545 miles, VIN 1FV6HLBA1RL592048.

**PICKUPS:** 2016 Chevrolet 3500HD 4wd service truck, Duramax diesel eng., auto trans., regular cab, dual rear wheels, Knapheide 8' utility bed, John Deere Compressorator, torch, 22,005 miles, VIN 1GB3KYC87G2244777; 2016 Chevrolet 2500HD 4wd pickup, 6.0L gas eng., auto trans., regular cab, long bed, toolbox, B&W gooseneck hitch, 14,845 miles, VIN 1GC0KUEG6G2224113; 2019 GMC Sierra 1500 Denali 4wd pickup, 6.2L gas eng., auto trans., heated and cooled leather seats, navigation, sunroof, power running boards, 6-way tailgate, bed cover, 24,528 miles, VIN 1GTU9FEL4KZ125644.

**TRAILERS:** 2019 Landoll 440B 45' traveling axle trailer, tandem axle, air ride, winch, 17.5" aluminum wheels, VIN 1LH440SH8K1B26338; 2011 Kaufman DT50 detach trailer, triple axle, air ride, flip-out outriggers, 22.5" aluminum wheels, 24' deck, Model FR50DT-25K-43, VIN 5VGFR4333BL002321; 2006 Witzco RG35 Challenger detach trailer, tandem axle, spring ride, self-contained hyd. system, flip-out outriggers, 22.5" wheels, VIN 1W8A11D286S000013; 2016 Direct Trailer LP 53' aluminum step deck trailer, spread axle, air ride, winch, (4) aluminum ramps, (4) toolboxes, 22.5" aluminum wheels, VIN 5UJDC53VXGW002853; 1999 Alum-Line 30' enclosed trailer, all aluminum, gooseneck hitch, triple axle, rear ramp door, RH side door, LH vendor window, (2) AC units, spare tire, VIN 1A9CG3030X2241659; 2015 PJ 21' tilt deck trailer, bumper hitch, tandem axle, 17' tilt with 4' stationary, VIN P5T62028F3012984; 2014 PJ 21' tilt deck trailer, bumper hitch, tandem axle, 17' tilt with 4' stationary; 1994 Maurer 20' flatbed trailer, gooseneck hitch, tandem axle, 18' deck with 2' dovetail, ramps, winch, composite deck, VIN IA266688; Retriever transport hitch, two-point hitch and drawbar, SN 22363.

**ROTARY CUTTERS:** Woods HS106 6' 3-pt. Ditchbank rotary cutter, hyd. drive, gauge wheels, front and rear chains, weight box, Model 9976, SN 25113; John Deere HX14 14' 3-pt. rotary cutter, (4) tail wheels, 1000 PTO; Bush Hog 2010 2-pt. rotary cutter, hyd. lift assist tail wheels, front and rear chains, 540 PTO, SN1HAZR1161190054; Bush Hog ATH900 8' 3-pt. grooming mower, 540 PTO, LH discharge, SN 12-02364; King Kutter 6' 3-pt. rotary mower, 540 PTO, SN 980625081030.

**WHEEL LOADER & ATTACHMENTS:** John Deere 570A wheel loader, cab with heat and AC, 32" tracks, 45" bucket, hyd. coupler, 5,718 hours, SN CAT0320DKPHX01090; 2014 Bobcat E35 mini excavator, cab with heat and AC, 18" rubber tracks, 68" front blade, X-Change hyd. quick tach, 12" and 24" buckets, 2,119 hours, SN A93K18257; Deere 570A motor grader, cab, 12' blade, 13.00-24 tires, front scarifier teeth, 10 1/2" front V-blade, 1,510 hours, SN 003308T; JLG 450AJ 4wd manlift, 45' reach, gas or propane, 33x15.5-16 tires, 3,098 hours, SN 1007910300044336; Manitou MLT526 Turbo 4wd telehandler, cab, 460/70R24 tires, fenders, 42" forks, aux. hyd., SN 174411; 24" bucket, tooth, Deere 60G series coupler – New; 42" bucket, smooth, Deere 60G series coupler – New; Case-IH scraper hitch and drawbar, fits 4wd series, Part # 84268954, SN 1401.

**SKID LOADERS & ATTACHMENTS:** 2013 Bobcat S650 skid loader, 2-speed, cab with heat, high flow hyd., aux. hyd., power tach, hand and foot controls, 12-16.5 tires, 6' material bucket, 1,402 hours, SN A3NV22886; 2015 Bobcat S630 skid loader, 2-speed, cab with heat and AC, high flow hyd., aux. hyd., power tach, switchable controls, 12-16.5 tires, 6' material bucket, 1,991 hours, SN AHGL12220; Case 1840 skid loader, aux. hyd., 10-16.5 tires, 5' material bucket with teeth, 940 hours, SN JAF098044; 84" bucket, skid loader hookup; 78" bucket, skid loader hookup; 60" high dump bucket, skid loader hookup; Tomahawk HD 72" grapple bucket, skid loader hookup; Plate and receiver hitch, skid loader hookup.

**CONSTRUCTION EQUIPMENT:** 2008 Cat 320DL excavator, cab with heat and AC, 32" tracks, 45" bucket, hyd. coupler, 5,718 hours, SN CAT0320DKPHX01090; 2014 Bobcat E35 mini excavator, cab with heat and AC, 18" rubber tracks, 68" front blade, X-Change hyd. quick tach, 12" and 24" buckets, 2,119 hours, SN A93K18257; Deere 570A motor grader, cab, 12' blade, 13.00-24 tires, front scarifier teeth, 10 1/2" front V-blade, 1,510 hours, SN 003308T; JLG 450AJ 4wd manlift, 45' reach, gas or propane, 33x15.5-16 tires, 3,098 hours, SN 1007910300044336; Manitou MLT526 Turbo 4wd telehandler, cab, 460/70R24 tires, fenders, 42" forks, aux. hyd., SN 174411; 24" bucket, tooth, Deere 60G series coupler – New; 42" bucket, smooth, Deere 60G series coupler – New; Case-IH scraper hitch and drawbar, fits 4wd series, Part # 84268954, SN 1401.

**FORKLIFT:** Komatsu 15 forklift, LP, 3-stage mast, side shift, 48" forks, 4,102 hours, SN 362657A.

**UTILITY VEHICLES:** Kubota RTV1100 4wd UTV, diesel, cab with heat and AC, power steering, power dump bed, 531 hours, SN A5KC1HDAADG038189; John Deere TX 2wd Gator, dump bed, 176 hours, SN 1M04X2DPJM132512.

**GPS EQUIPMENT:** John Deere GS2 2600 display, AutoTrac activation; (4) John Deere brown box displays with processors – (2) with KeyCards; (2) John Deere ATU universal steering wheels.

**SUPPORT ITEMS & TIRES:** Pries 15' snow pusher; Woods RB5 5' 3-pt. blade; Kelly B60 3-pt. backhoe; 7' 3-pt. pasture harrow; Notch RB82 82" rock bucket, Westendorf hookups; (2) 8'x12'x1" sheets of flat steel; Large selection of pallet racking; Super Start 2000 12/24 Volt jump pack, Intek 19 hp. eng. with elec. start; M&W P-2000 Hydra-Gauge dynamometer, SN 15946; Dual tire changer, skid loader and pallet fork hookup; Large selection of various PTO shafts; (3) 200 gal. fertilizer tanks and brackets; 100 gal. fuel transfer tank and pump; (12) Single disc fertilizer openers, piston pump, Red Ball system; New 480/80R50 tires; New 480/95R50 tires; New 20.8R38 tires; New 480/80R42 tires; New 18.4R42 tires and wheels for sprayers; 480/80R46 tires; 18.4R42 tires; 18.4R38 tires; 420/90R30 tires and wheels; New Kinze planter transport tires; Plus many more tires and wheels; Large selection of weights, fenders, quick hitches, drawbars, parts, etc.

**SHOP TOOLS:** Large heavy duty gear pullers; Tool Shop parts washer; Polar Air upright air compressor, single phase; Kubota GL-5000 diesel generator; Jack stands; 30 gal. grease barrel with pneumatic greaser and pump; Electric powered oil drain; Uline banding tool; 10-Ton porta power; Makita chop saw; Chicago drill press; Bench vise; Delta 2-wheel bench grinder; Clarke 2-wheel bench grinder; Torch on cart; Lincoln Power Mig welder; Large selection of new and used log chains and binders; 30-ton shop press; Several stocked bolt bins; Tap and Die sets; Snap-On tool chest; Cherry pickers; Several large floor jacks; Large selection of Versatile service manuals.

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