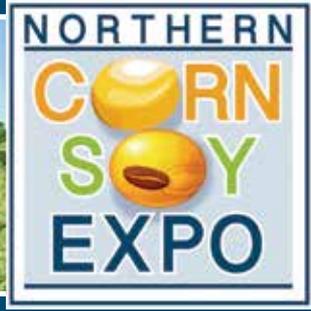
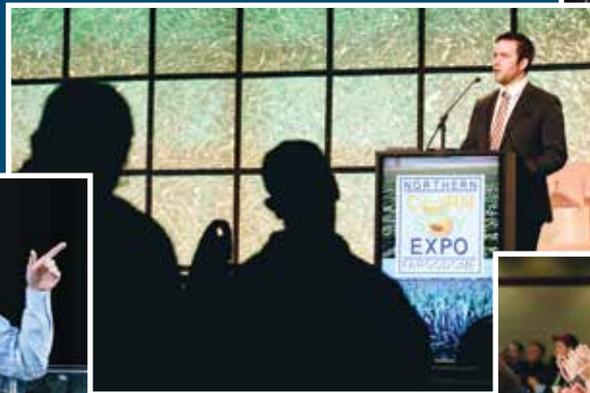
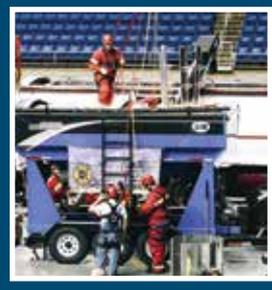


THE NORTH DAKOTA Soybean GROWER MAGAZINE

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SPECIAL ISSUE: 2022 Northern Corn and Soybean Expo



SPECIAL INSERT North Dakota Soybean Council 2021 Research Report



OPPORTUNITY FROM ADVERSITY

Farmers making plans for 2022 are facing some decisions they've not had to make in a very long time. Because of challenges getting necessary inputs like nitrogen fertilizer, farmers across the Midwest are reevaluating their planting intentions.

"Growers are having to make decisions that I haven't seen them have to make in a couple of decades," says Mustang Seeds CEO Terry Schultz. "Will I have the inputs I need to plant what I want to plant? There are things growers need to consider this year that we haven't had to look at in years."

Schultz says farmers are dealing not only with the high cost of fertilizer, but simply having it available in the spring to plant corn. The uncertainty of nutrient availability is prompting some farmers to adjust their plans for 2022.

"We're seeing growers switching to soybean acres more than corn, which puts even more demand on supplies of glyphosate and glufosinate," Schultz says.

Like fertilizer, supplies of glyphosate and glufosinate, the active ingredients in Roundup® and Liberty® herbicides, are tight. Global supply chain issues, a slowdown in production of glyphosate from China due to Beijing hosting the 2022 winter Olympics, and temporary shutdowns from U.S. production due to Hurricane Ida have combined to substantially limit availability.

Schultz says in recent years the market has shifted as growers use more glufosinate in triple stack varieties, like Xtendflex® or Enlist E3™ soybeans.

"There has not been enough worldwide ramp-up in production of glufosinate to catch up to the



unexpected peak in the demand," Schultz explains.

The majority of glufosinate is produced outside the U.S.

"There might not have been enough supply in the first place, then all the supply chain issues just make it worse," adds Mason Roerig, Mustang Seeds soybean product manager.

Conventional Opportunity

Without widespread access to glyphosate and glufosinate, Roerig says farmers will need to get creative in their weed management and herbicide plans. For some growers, planting conventional, non-GMO soybeans may be a good option.

"We've heard from ag retailers saying they've got a good supply of pre-emergence herbicides, and even some other post-emergence herbicides that could be used conventionally on soybeans to bridge the gap of having glyphosate and glufosinate limited in availability," Schultz says. "Growers should be looking at conventional,

non-GMO varieties because they're already going to be treating their soybeans that way. Growers can capture a pretty healthy premium if that's the route they end up going."

Schultz says growers could realize as much as a \$2 per bushel premium for conventional soybeans.

"It's an option for growers if they are making that input and chemistry decision. It's really something they need to look at because they could potentially help the profitability of their farm that way," Schultz contends.

Farmers can save some money on seed by not planting traited varieties if glyphosate and glufosinate aren't available for them to use. Mustang Seeds has a range of high-yielding, conventional soybean varieties.

"These are products that we have in our research trials that are high yielding, conventional lines of soybeans, so growers aren't going to be sacrificing any yield," Schultz says.

Roerig says controlling weeds like kochia and waterhemp is a consideration for farmers regardless of what type of soybeans they plant.

"As long as they can control weeds in their field, farmers should at least sit down and consider the options of what this year could bring," Roerig says.

"If they get to that juncture in their input buying decisions, growers need to know there's another option for them to look at in order to get a premium for their farm," Schultz says.

To learn more about Mustang Seeds soybean varieties and options, talk to a local dealer or visit mustangseeds.com.





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On the cover

After a one-year hiatus, the Northern Corn and Soybean Expo is back as an in-person event at the Fargodome. A full lineup of speakers, exhibitors and experts will help provide perspective on the challenges and opportunities facing farmers in 2022. A full schedule of events is available on page 11.

—Photos by staff



Register to Attend the 2022 Northern Corn Soybean Expo!

Scan the QR Code

Use the camera on your phone to scan this QR code, and you'll be taken to the registration page

Visit the Northern Corn & Soybean Expo Site

For more information, please visit our website: northerncornsoyexpo.com



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SOY



RESEARCHING A BETTER BEAN

Whether you're dealing with drought, flood, heat or other climate-related stress, the soy checkoff is working behind the scenes to diversify U.S. soybean genetics and increase stress tolerance. We're looking inside the bean, beyond the bushel and around the world to keep preference for U.S. soy strong. And it's helping make a valuable impact for soybean farmers like you.

See more ways the soy checkoff is maximizing profit opportunities for soybean farmers at unitedsoybean.org

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The NDSGA Annual Meeting is All About You

You've probably heard the saying that all politics is local. That statement is especially true for agriculture because policy decisions, even national ones, can affect individual farm operations and the people who run them.

The North Dakota Soybean Growers Association (NDSGA) is about as grassroots of an organization as you can get. As farmers, our primary concern is advocating on behalf of our fellow North Dakota soybean farmers regarding the issues that affect us collectively and individually. Some of those local concerns become part of the platform that the NDSGA takes to the American Soybean Association (ASA). As our national advocacy organization, the ASA considers policy recommendations from

soybean organizations across the country form the foundation of its national policy positions.

You can be part of the policy-making process by joining us for the NDSGA annual meeting, which will be held in conjunction with the Northern Corn and Soybean Expo. The annual meeting provides an opportunity to learn more about the issues for which we're already advocating in Bismarck and Washington, D.C. It's also a chance for us, as NDSGA directors, to hear from you about the issues of concern for your farm.

We know that there will be plenty of issues to monitor and to advance in the coming months, both on a statewide and national level. Transportation is always a top concern for the NDSGA. Given the billions of dollars that are being put

toward infrastructure nationally and in North Dakota, we'll certainly be advocating for improvements and upkeep on rural roads and bridges. A large percentage of our soybean production is exported, and most soybeans begin their journey to overseas markets on a township road. Therefore, it's important that we keep our rural infrastructure functioning smoothly.

We're also going to be working toward a new Farm Bill. This process is long and arduous. You can be assured that the NDSGA and ASA will work to protect important components of the Farm Bill, including crop insurance, conservation programs, renewable fuels, trade and much more.

Those areas are just a couple of the many issues we monitor. We don't pay attention to them just



Kasey Bitz,
President, North Dakota
Soybean Growers Association

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Website:
ndsoygrowers.com

because they're big issues of national scope. We pay attention to those issues because they're a concern for us at home on our own farms.

We encourage you to join us for the NDSGA's annual meeting because what we do is all about you.



Special thanks go to the Trade Show's Executive Partner



and Principal Partners



The Northern Corn and Soybean Expo Can Help Producers Take on Challenges

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Welcome to the 2022 Northern Corn and Soybean Expo! We are thrilled to be back in person for this year's event. We know the value of face-to-face conversation, and we welcome the opportunity to share information and to learn from each other. I think that we can all appreciate the chance to gather again for a full day of learning and interaction.

We are excited about the lineup of speakers and topics that are available during this year's expo. We've been working diligently to develop a program that addresses the concerns that we, as North Dakota farmers, face. The Expo program will provide food for thought as well as the opportunity to connect with and to

learn from industry leaders.

We all know that 2021 was a challenging year in many respects. Much of North Dakota dealt with drought conditions during the growing season. While commodity prices climbed, so did the cost of important inputs such as fertilizer. Global supply chain issues are affecting the availability of some fertilizer products as well as limiting access to some necessary crop-protection products. As a result, 2022 will, undoubtedly, deliver some of its own challenges that we, as farmers, will need to address.

We are convinced that the programming at this year's Expo will help you to gain a better understanding of the world in which we operate. You'll have the

opportunity to hear from leading experts on marketing, weather, transportation and much more to help you make decisions for 2022. You'll also hear about new and exciting opportunities that have the potential to positively affect your farm in the future.

As always, the Northern Corn and Soybean Expo features a dynamic tradeshow, including a research pavilion and a soy innovation booth. We invite you to stop by in the tradeshow floor to visit with the many exhibitors and to get the most from your Expo experience.

We hope that you enjoy the 2022 Northern Corn and Soybean Expo and look forward to seeing you in person!



Mike Langseth Barney, North Dakota
Secretary, North Dakota Soybean Council
Email: mlangseth@ndsoybean.org
Website: ndsoybean.org



Fueling Your Farm

WORKSHOP SERIES



Workshops to help farmers better understand Diesel, Renewable Diesel and Biodiesel

The North Dakota Soybean Council is hosting additional Fueling Your Farm Workshops. Fuel experts will cover everything you need to know about diesel, renewable diesel, and biodiesel.

These free workshops will cover important topics for the successful

operation of diesel equipment, from planting through harvest, including:

- **Recent Changes to Diesel Fuel**
- **Best Practices for Preventing Fuel Problems**
- **Diesel and Cold Weather**
- **Renewable Diesel**
- **Biodiesel**
- **Biodiesel Rebate for farmers**

Register to attend:



bit.ly/FuelingFarmWorkshops22



Upcoming Workshops:

- **Friday, January 28**
KMOT Ag Expo
North Dakota State Fair Center
2005 Burdick Expressway
Birdsall Grain and Seed Seminar Room
2:00 – 3:00 p.m. CST
- **Tuesday, February 15**
Carrington Research Extension Center,
Carrington
663 Hwy 281 N
Registration and lunch at 11:30 a.m. CST
Workshop: 12:00 – 1:30 p.m. CST
- **Wednesday, February 16**
International Crop Expo Education
Session
Alerus Center, Grand Forks
1200 S 42nd St - Ballroom 1
9:40 – 10:10 a.m. CST
- **Wednesday, February 16**
Cooperstown Country Club,
Cooperstown
305 Fairway Dr.
Registration and dinner at 5:30 p.m. CST
Workshop: 6:00 – 7:30 p.m. CST
- **Thursday, February 17**
Valley City Eagles Club, Valley City
345 12th Ave NE
Registration and lunch at 11:30 a.m. CST
Workshop: 12:00 – 1:30 p.m. CST
- **Thursday, February 17**
Hagge's Bar & Grill, Mapleton
650 Carl Olsen Street
Registration and dinner at 5:30 p.m. CST
Workshop: 6:00-7:30 p.m. CST

For more information, please call (952) 473-0044 or email Lisa Pedderson at lisa@megcorpnmn.com.

Research and Innovation Highlighted at the Trade Show

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Nearly 100 top local, regional and national companies will have their products and services on display at the 2022 Northern Corn and Soybean Expo. The trade show opens at 9:00 a.m. and takes place on the Fargodome floor.

Research Pavilion

In addition to a variety of booths and exhibitors, Northern Corn and Soybean Expo participants can learn more about checkoff-supported corn and soybean research at the Research Pavilion.

Dr. Janet Knodel, North Dakota State University (NDSU) Extension entomologist; Patrick Beauzay, NDSU Extension entomology research specialist; and Veronica Calles Torrez, NDSU research fellow, will be available to share research information and to answer questions about insects.

Aphids, spider mites, beetles and other insects can be problematic for soybeans. Researchers are also on the lookout for gall midge, which has yet to be detected in North Dakota, but it is present in North Dakota and Minnesota.

“Insect management may be more challenging now because of pyrethroid resistance among soybean aphids, plus chlorpyrifos is no longer available to us,” Kendall Nichols, North Dakota Soybean Council research director says.

NDSU researchers will also be able to answer farmers’ questions about corn rootworm and European corn borer.

“It’s important that farmers understand the projects that are being funded with their checkoff dollars, but it’s also a chance to ask questions that are specifically related to their farm,” Nichols states. “These are the state’s smartest minds in weeds and in pests, so having access to these experts in the Research Pavilion



Farmers can get their insect and weed management questions answered at the Research Pavilion, which will feature several prominent NDSU researchers.

gives farmers a real opportunity, and I hope they take advantage of it.”

Dr. Quincy Law, a new NDSU assistant professor and an invasive and noxious weeds specialist will also be on hand to answer questions about hard-to-control weeds such as Palmer amaranth, hawksbeard and more.

Weed management is becoming increasingly challenging, so “every farmer should be interested,” Nichols explains.

Soy Innovations

The Soy Innovations exhibit at the expo’s tradeshow will showcase biodiesel and renewable diesel, both of which can be made from soybean oil.

“It’s important for farmers to understand that renewable diesel is coming into North Dakota in a big way,” Jena Bjertness, North Dakota Soybean Council marketing director says.

Marathon Petroleum’s refinery in Dickinson is currently the second-largest renewable diesel plant in the U.S. All the oil from the ADM soybean crushing facility being built near Spiritwood will go to the Marathon plant at Dickinson, and that amount still won’t supply all the oil that Marathon needs.

Growth in the appetite for low-carbon fuels is spurring rapid demand for renewable diesel.

“Renewable diesel is about to

make a big difference to North Dakota soybean farmers,” Bjertness asserts. “That industry will hit close to home.”

Bjertness states that renewable diesel production and increased domestic crush capacity should help to increase domestic market opportunities and to reduce the dependence on export markets.

—Story by Daniel Lemke,
photo by staff



Breakout Sessions at Expo Make Experts Available to Producers



In addition to general sessions and the tradeshow, Northern Corn and Soybean Expo participants will have the opportunity to take part in several breakout sessions. There are morning and afternoon sessions that address many issues that North Dakota farmers currently face. Presented by a variety of national and regional experts, these breakout sessions will give attendees greater insight and direction on issues of concern and opportunity for 2022.

Morning Sessions

Grain Bin Rescue Demo

The Sheyenne Valley Technical Rescue Team (SVTRT) will conduct a grain-bin entrapment rescue demonstration on the Fargodome floor. Back by popular demand from the 2020 Northern Corn and Soybean Expo, Captain Rich Schock and the SVTRT demonstration illustrate the dangers associated with entering a grain bin as well as the challenges that come with performing a rescue. In addition to the rescue presentation, North Dakota State University Extension Farm and Ranch Safety Coordinator Angie Johnson will be on hand to talk with farmers about farm-safety plans and practices that will help safeguard the people working on the farm. See story on page 16)

Implications of Ag Taxation

From farm transitions to day-to-day operations, tax issues affect North Dakota farmers in many ways. With a landscape that is ever changing, it's important that farmers understand the current situation and adopt an advantageous financial strategy. AgCountry Senior Vice President Howard Olson and Rob Holcomb, Extension Educator, University of Minnesota will offer clarity about the current financial climate and what it means for farmers.

Global Appetite for Meat

North Dakota exports of domestically produced red meat and poultry products are vitally important to the state's corn and soybean farmers. John Hinners, senior vice president of industry relations for the U.S.

Meat Export Federation; and Greg Tyler, chief operating officer for the USA Poultry & Egg Export Council (USAPEEC) will discuss market conditions for U.S. poultry and meat products around the world.

Afternoon Sessions

Grain Bin Rescue Demo

(Repeat of the morning session)

Cyber Security: Protect Your Farm Data

Farmers generate a tremendous amount of data during their day-to-day activities. That information is important when making decisions regarding farming operations; however, that data could also be of interest to others. Sarah Engstrom, CISO & VP IT Security, Productivity & Privacy, CHS, Inc. and Tanya

Taplin, Cyber Security Advisor – North Dakota, Cybersecurity and Infrastructure Security Agency, will assist producers by revealing its value and will offer directions about how to conceal that information to keep it safe and secure.

Biofuels for the Future

North Dakota and nationally, ethanol, biodiesel and renewable diesel are significant markets for corn and soybean farmers. Ron Lamberty, vice president of the American Coalition for Ethanol, and Scott Fenwick, technical director for the National Biodiesel Board, will discuss biofuels and their growing future.

—Story by Daniel Lemke, photo by staff



Breakout sessions allow growers to dive deeper into issues that are important to their farm.

Breakouts	Main Stage	Trade Show Floor	Theater Room
Morning Session 11:00 a.m. – 11:45 a.m.	Implications for Ag Taxation Howard Olson, SVP Government and Public Affairs, AgCountry Farm Credit Services Rob Holcomb, Extension Educator, University of Minnesota	Grain Bin Safety and Rescue Demonstration Sheyenne Valley Technical Rescue Team	Global Appetite for U.S. Meat John Hinners, SVP Industry Relations, U.S. Meat Export Federation Greg Tyler, COO, USA Poultry & Egg Export Council
Afternoon Session 1:40 p.m. – 2:25 p.m.	Biofuels for the Future Ron Lamberty, Vice President, American Coalition for Ethanol Scott Fenwick, Technical Director, National Biodiesel Board	Grain Bin Safety and Rescue Demonstration Sheyenne Valley Technical Rescue Team	Cyber Security: Protect Your Farm Data Sarah Engstrom, CISO & VP IT Security, Productivity & Privacy, CHS Inc. Tanya Taplin, Cyber Security Advisor – North Dakota, Cybersecurity and Infrastructure Security Agency

General Sessions at Expo Answer Questions

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The 2022 Northern Corn and Soybean Expo's main stage will feature noted experts addressing some of agriculture's top current issues, including marketing opportunities, carbon markets, weather outlook and supply chain disruptions.

New Horizons for Corn and Soybean Processing

Corn and soybean processing adds value and creates nearby markets for North Dakota farmers. Energy policy and environmental concerns are driving new opportunities for biofuels and beyond. Jeff Zueger, chief executive officer for Midwest Ag Energy, and a representative from North Dakota's soybean processing industry will highlight opportunities that are being presented by ethanol, biodiesel and renewable diesel.

Carbon and What You Need to Know

Interest in carbon and carbon sequestration has never been higher as companies of all sizes seek to reduce their carbon footprint and improve their sustainability. Are selling carbon credits a legitimate market and potential source of income for farmers, or is this situation a much ado about nothing? Dr. Alejandro Plastina, associate professor at

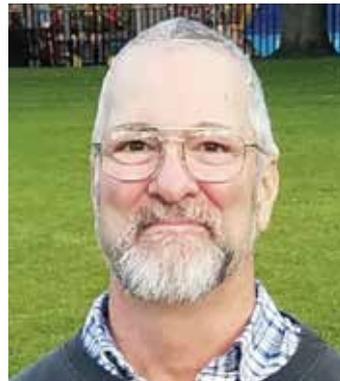
Iowa State University, will help cut through the clutter and equip farmers to decide what is right for their farm.



Dr. Alejandro Plastina

Weather Outlook

Weather is always a concern for North Dakota farmers, but given the recent history of extreme events, weather conditions have become



Mark Ewens

an even greater importance. From a very wet year in 2020 to drought in 2021, North Dakota growers have faced some difficult conditions. Meteorologist Mark Ewens, owner of Home on the Prairie Weather, will give his insights about the 2022 weather outlook as farmers make plans for the next growing season.

Navigating Rough Waters: Global Supply Chain Challenges

Transportation bottlenecks are negatively affecting nearly every sector of the economy, including agriculture. Port congestion, shipping-container access and labor shortages in many industries are among the issues plaguing the U.S. supply chain. Disruptions also affect the availability and cost of many vital crop-protection products and fertilizer. Mike Steenhoek, executive



Mike Steenhoek



Josh Linville



Kelly Krapu

director of the Soy Transportation Coalition; Joshua Linville, director of fertilizer for StoneX; and Kelly Krapu, board member for the North Dakota Motor Carriers Association, will provide insights about the cause and effects of the current supply chain challenges.

—Story by Daniel Lemke, photos provided by General Session speakers

Spend two days learning how **trading, marketing and risk management tools** can impact your farm's bottom line.

March 14-15, 2022

Seminar offered at two locations:

Bismarck State College Campus – Bismarck
NDSU Barry Hall Commodity Trading Room – Fargo

Seminar led by Dr. Bill Wilson, Dr. David Bullock and Dr. Frayne Olson of NDSU Department of Agribusiness and Applied Economics. **Agenda includes trading technologies, basis, options, hedging, contract types, producer marketing plans and strategies.**

• Seminar is FREE and limited to ND soybean producers • Lunch provided both days • Limited Seats



Register online at [Bit.ly/NDsoymktgriskmngt22](https://bit.ly/NDsoymktgriskmngt22) before March 4th to reserve your seat. Questions? Call (701) 566-9300

It is strongly recommended participants have an interest in applying advanced tools to grower marketing decisions, and familiarity with Microsoft Excel as a tool for analyzing data and marketing decisions. If you've participated in the past, you may not be eligible for the 2022 course.

U.S. Farm Report Returns to the Expo

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The 2022 Northern Corn and Soybean Expo will again host the taping of the U.S. Farm Report on the Expo's main stage.

Broadcasting veteran Tyne Morgan will host the U.S. Farm Report taping, which begins at 8:00 a.m. Morgan will also serve as the emcee for the rest of the day's events.

"Virtual events were great, and they allowed farmers and ranchers and agribusiness to pivot and still hold those valuable learning sessions and events like we have in years past," Morgan says, "but there's nothing like in-person events. I think we were reminded that a handshake still matters in agriculture, and farmers and ranchers just learn so much more face to face."

The U.S. Farm Report broadcast will cover several topics, including supply chain issues, weather and markets.

"There's more uncertainty today in agriculture due to supply chain issues and inputs than we've ever had," Morgan states. "It's not just one sector; it's not just herbicides; it's not just fertilizer; it's across the board. Never in agriculture have we been at a time where you're not going to plant just based on price.

You may be planting based on what input is available, and farmers and ranchers have never experienced that. We'll talk a lot on the panel about managing risk. That's what we talk about all the time in the marketing roundtables, but how do you manage risk when you don't know how high input prices are going to go?"

In addition to addressing the challenges that farmers are facing, the U.S. Farm Report taping will incorporate discussions with experts on new opportunities for corn

and soybean processing in North Dakota, including renewable diesel and sustainable aviation fuel.

"There's a huge opportunity for not only soybean growers when these plants come online, but also corn growers when it comes to renewable diesel and sustainable aviation fuel, and that's exciting," Morgan explains. "That demand probably will not be full force in 2022, but that's something for 2023 that I'm excited to talk to our analysts about because this could change

the game for farmers in North Dakota. That's not something we were talking about a year ago."

Joining Morgan on the broadcast will be Josh Linville, director of fertilizer for StoneX, who will address the supply chain and input availability. Kristi Van Ahn of Van Ahn and Company along with Tregg Cronin of Cronin Farms and Halo Commodity Management will talk marketing.

—Story by Daniel Lemke,
photo by staff



Journalist and U.S. Farm Report host Tyne Morgan will emcee the 2022 Northern Corn and Soybean Expo, as well as host a live recording of the show.

NDSC Congratulates Scholarship Recipients

Annually, the North Dakota Soybean Council (NDSC) sponsors scholarships for undergraduate and graduate students at North Dakota State University (NDSU).

The NDSC's Undergraduate Scholarship is awarded to sophomores or juniors in crop and weed sciences, soil science, food science, animal science, agribusiness or agricultural economics who have demonstrated a tie to soybeans, are U.S. citizens and have a minimum 3.0 GPA.

NDSC's Graduate Student

Scholarships are awarded to graduate students who are involved with research that benefits the soybean industry.

This year, Isaac Deal, Herman,



Isaac Deal

Minnesota; and Samuel Betz, Grand Forks, North Dakota, were awarded the NDSC's Undergraduate Scholarships. Jeffery Stith, Fargo, North Dakota

was awarded the NDSC's Graduate Student Scholarships.

—Story and photos by staff



Jeffery Stith and Samuel Betz



February 21, 2022
7:00 a.m. – 4:45 p.m.



FargoDome
1800 N University Drive
Fargo, ND 58102

7:00 a.m. – 8:00 a.m. | Lobby

Registration

7:00 a.m. – 8:00 a.m. | 2nd Floor

Breakfast

8:00 a.m. – 9:00 a.m. | Main Stage

U.S. Farm Report Live Taping

Tyne Morgan, Host

Tregg Cronin, Cronin Farms and Market Analyst,
Halo Commodity Management

John Linville, Director of Fertilizer, StoneX

Kristi Van Ahn, CEO, Van Ahn & Company

9:00 a.m. – 9:30 a.m. | Arena Floor

Break, Visit Trade Show and Research Pavilion

9:35 a.m. – 10:00 a.m. | Main Stage

Welcoming Remarks: Expo Co-Chairs

Mike Langseth, ND Soybean Council
Jason Rayner, ND Corn Council

10:00 a.m. – 10:55 a.m. | Main Stage

New Horizons for North Dakota Corn & Soybean Processing

Jeff Zuger, CEO, Midwest Ag Energy
Representative, ADM

11:00 a.m. – 11:45 a.m. | Various Locations

Morning Breakout Session (see chart on page 8)

11:45 a.m. – 12:45 p.m. | Arena Floor

Lunch, Visit Trade Show and Research Pavilion
North Dakota Soybean Growers Association Annual Meeting
North Dakota Corn Growers Association Annual Meeting

12:50 p.m. – 1:35 p.m. | Main Stage

Carbon and What You Need to Know

Dr. Alejandro Plastina, Associate Professor, Iowa State University

1:40 p.m. – 2:25 p.m. | Various Locations

Afternoon Breakout Session (see chart on page 8)

2:30 p.m. – 3:15 p.m. | Main Stage

2022 Weather Outlook

Mark Ewens, Owner, Home on the Prairie Weather

3:15 p.m. – 3:45 p.m. | Arena Floor

Break, Visit Trade Show and Research Pavilion

3:50 p.m. – 4:45 p.m. | Main Stage

Navigating Rough Waters: Global Supply Chain Challenges

Mike Steenhoek, Executive Director, Soy Transportation Coalition

Josh Linville, Director of Fertilizer, StoneX

Kelly Krapu, ND Motor Carriers Association board member

4:45 p.m. | Main Stage

Closing Remarks

Gackle Elected ASA Treasurer

North Dakota American Soybean Association (ASA) Director and Kulm farmer Josh Gackle has been elected as the treasurer for the national advocacy organization. For the past two years, Gackle has served on the executive committee that works with senior ASA staff to implement the board's policy and advocacy objectives.

"It's an honor to be trusted by the group and elected to the position of treasurer," Gackle says.

This year will be Gackle's fifth on the ASA board and his third on the executive committee, where he is now serving as the treasurer.

"ASA is just a really good organization with a solid board of directors and really effective staff in St. Louis and in Washington working at the Capitol," Gackle states. "It's a great group, and it's a privilege to serve."

Gackle is no stranger to public policy, having worked in Washington, D.C., and in Minnesota as an environment and agriculture policy adviser to the governor. He returned to the family farm in 2012.

Gackle asserts that the ASA will focus on a number of important agriculture issues in the year ahead.

"Trade, export markets and farmer profitability are some of the key ongoing issues we work on, and we'll continue to work on those things. We're starting the conversation about crafting the 2023 Farm Bill," Gackle explains. "I know it sounds like that's a long way away, but that process will start at our grassroots level in the coming year, gathering information from farmers as well as from state and industry partners."

In addition to Farm Bill preparations, Gackle says that there are pressing issues which need



Kulm farmer Josh Gackle, who has represented North Dakota on the American Soybean Association board of directors for five years, was recently elected treasurer.

immediate attention.

"We've all been hearing a lot about supply chain issues and the cost of inputs, whether it's fertilizer or chemicals. The price of those things is just kind of astronomical

right now, and supply might be really limited," Gackle states. "So those are issues we're focusing on as well."

—Story by Daniel Lemke,
photo courtesy of the ASA

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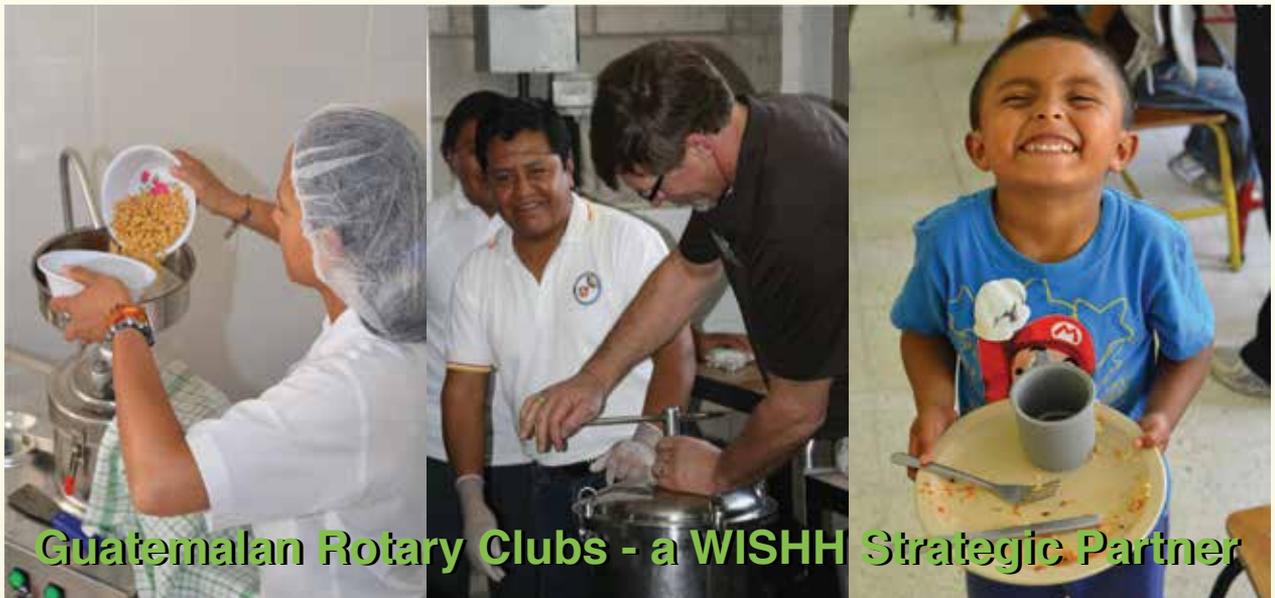
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WISHH is a program of the American Soybean Association and is funded in part by the United Soybean Board and state soybean board checkoff programs.

Special Legislative Session for Agricultural Interests

Deep into the winter, here are a few heartwarming notes about what took place for the betterment of your industry during the North Dakota legislature's special session along with a few observations for what may come to pass looking forward.

In the transportation arena, the American Rescue Plan Act (ARPA) dollars were utilized with \$200 million going to the North Dakota Department of Transportation (DOT) for roads and bridges. Locally, counties were awarded \$80 million which can be spent on their needs according to the Upper Great Plains Transportation Institute's needs study formula. With a cap of \$3 million per county, that formula leaves around \$24 million for the DOT to distribute to counties for other bridge projects. Counties will have to apply to the DOT for those funds. That emphasis on bridges came about during the special session because there was a fear that a straight \$100 million to counties would result in bridges being slighted in favor of roads. Even more locally, townships were awarded the \$17 million that had been promised earlier in the year during the regular session because the spending guidelines for the ARPA dollars became clear. During January, that money was delivered in two chunks: one of \$8.5 million split evenly among non-oil-producing county townships and another \$8.5 million to those same townships based on a per mile of maintained roads formula.

While it may become clear between this writing and its publication, there are another \$10 million for townships which the DOT has set aside but has been unable to match with federal funds, if available. This potential \$20 million for townships was stalled by some language which frustrated the DOT and all of us working to see those funds put to work. Time will tell how this process works out.

Strongly related to the agriculture industry is the \$150 million dedicated by this special session to build a natural gas pipeline across northern North Dakota. Natural gas output from Bakken wells is unique in at least a few ways, which includes the richness of hydrocarbons in the gas's composition. The natural gas liquids (NGLs) include ethane, propane, butane and others. These NGLs offer incredible potential to provide energy, such as what is needed for the proposed wet-corn processing plant in Grand Forks and producing fertilizer in amounts that are scalable for agriculture. Wouldn't that supply be nice for planting season? This pipeline is a \$1 billion project, and some people protested the government picking winners and losers by supporting it, but I can tell you that the governor and lieutenant governor, as well as legislators, see the economic benefits of value-added opportunity and are strong proponents. The North Dakota Soybean Growers Association (NDSGA) worked with other interests to see that further language was included so that future legisla-

tures understand that this pipeline may require more help in the future. Without the intent language, there was a fear that no entity would begin making the pipeline a reality. To further explain Bakken-gas uniqueness, the pressures, especially upon initial well production, are extremely high and need extra care, which has exacerbated flaring at that stage. Gas capture has greatly improved and is only going to get better with a major new pipeline. Another impressive Bakken feature is that gas continues to surge from the wells even as oil production wanes. Hopefully, agriculture can tap into that energy coming from our state.

Agriculture and energy were the topics of the first Ag Energy Alliance Summit meeting that was held in Fargo during early November. The forum was hosted by the North Dakota Department of Commerce. Leaders of both the energy and ag industries have since pursued opportunities in this partnership, none more aggressively than NDSGA Executive Director Nancy Johnson. She sees such synergies being helpful to move our state forward and is continuing her pursuit in this regard.

Water infrastructure received \$75 million that the newly named Department of Water Resources can use as well as a new fund being created that would utilize unanticipated revenue. In the future, water projects can, hopefully, be supported with this fund.

There were \$21 million for a fu-



Veteran lawmaker and educator Phil Murphy is the NDSGA liaison between legislators and farmers.

el-facility loan forgiveness program, which will help ethanol, and \$10 million for Grand Farm to work on its autonomous ag matching grant program. Also, NDSU Research Extension Centers (RECs) split a little over \$8 million for capital projects in Carrington, Streeter, Dickinson and Hettinger. We tried to get some sheds built for other RECs in which to store expensive equipment, but it turns out that there are limits to our state's largesse. Also, the workforce shortage is everyone's problem these days, and millions of dollars will be spent on workforce training centers.

There are interim committees, such as Water Topics, Water Drainage, and Agriculture and Natural Resources, that will gather through the winter, spring and summer leading up to the next session in January 2023. Before then, there will be a North Dakota legislative election using the new districts, also created by this special session. Please take a look at those districts in the months to come.

AT THE EXPO Attend the NDSGA 2022 Annual Meeting



Check out the agenda on page 18

February 21, 2022 • 11:45 a.m. CST
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Spotlight on Safety

Bin safety remains a concern for North Dakota farmers; in 2021, grain entrapments claimed at least two lives in the state. Safety will be the focus of a demonstration at the Northern Corn and Soybean Expo. Members of the Sheyenne Valley Technical Rescue Team (SVTRT) will demonstrate a grain-bin entrapment rescue.

“Will walk through a hands-on demonstration of a grain-bin entrapment in a controlled environment to show what actually takes place inside a bin because not many people have ever seen it,” Rich Schock, Kindred fire chief and captain of the Sheyenne Valley Technical Rescue Team says. “We’re making people aware of the dangers of entering a bin and getting them the best information possible to try to protect themselves.”

Schock explains that, when the rescue team gave its demonstration in 2020, farmers were dealing with multiple grain-quality issues because a very challenging fall harvest led to poor stored grain quality in many instances, increasing the potential for danger.

Harvest conditions were better in 2021, but safety is still an issue with grain storage.

“We’ve put a lot of resources into bin equipment and education, and yet people are still perishing in (grain bins),” Schock states. “We need to step up our awareness game and see if we can reach farmers on a different level to try and help them.”

Grain-bin rescues are not a 20-minute ordeal, Schock says. Trying to extricate someone who is trapped in a bin is a long process, “and that’s if you see them,” Schock adds.

It can take rural fire departments and rescuers many minutes to get to a bin site. Then, they may not have the right equipment to make the rescue.

Schock explains how the SVTRT has collaborated with North Dakota State University (NDSU) on multiple projects to make things safer for farmers. NDSU Extension Farm and Ranch Safety Coordinator Angie Johnson will also be on hand at the 2022 Expo to connect with farmers about ways to protect



The Sheyenne Valley Technical Rescue Team will demonstrate a grain bin entrapment rescue.

themselves, their family and employees on the farm.

“Rich and his team will be demonstrating the process involved when it comes to rescuing somebody who has trapped inside a grain bin. My job is to prevent that situation in the first place,” Johnson states. “I’m talking about alternative methods instead of going to the inside the bin. A lot of times, people find themselves in that

position where you may not be able to break apart the crust or whatever situation is happening. So, if you do make that choice to go in, all bets are now off the table.”

Johnson says that there are no safety guarantees once someone enters a bin, but safety measures, such as wearing a harness as well as properly connecting to fall protection and an anchor point on the bin, will help. The broadest goal is to change how farmers view farm safety.

“It’s not a sexy topic, and a lot of farmers will say, ‘Well, I haven’t lost an arm yet, or I’ve still got four fingers, so that is a win.’ We’ve really got to change that mentality,” Johnson explains.

While at the 2022 Expo, Schock and Johnson encourage farmers to talk with them about putting together a safety plan for their operation to safeguard themselves and others who are working on the farm.

Attendees at the 2022 Expo will have two opportunities to see the demonstration, which will take place on the Fargodome floor.

—Story by Daniel Lemke,
photo by staff



One purpose of the bin rescue demonstration is to deter people from entering bins without proper safety procedures in place.



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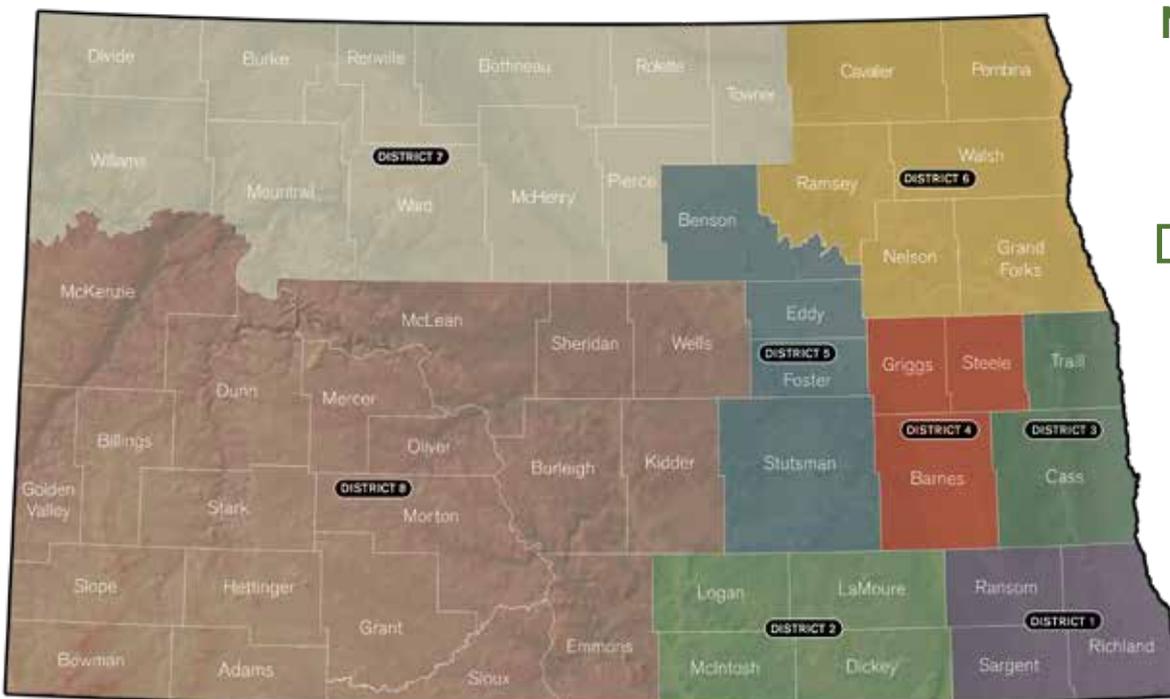
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2022 Annual Meeting Agenda

February 21, 2022 • 11:45 a.m. CST • FargoDome

- 1.** Welcome and Introduction of Board Members:
NDSGA President Kasey Bitz
- 2.** Secretary's Report: Greg Gussiaas
- 3.** Treasurer's Report: Spencer Endrud
- 4.** American Soybean Association Update:
ASA Treasurer Josh Gackle
- 5.** U.S. Soybean Export Council Update:
USSEC Chair Monte Peterson
- 6.** Old Business
- 7.** New Business
 - a.** Election of Directors
 - i.** District 1: Richland, Ransom and Sargent Counties; *3-year term*
 - ii.** District 3: Cass and Traill Counties; *3-year term*
 - iii.** District 4: Barnes, Griggs and Steele Counties; *3-year term*
 - b.** Other New Business
- 8.** Adjourn



North Dakota Soybean Growers Association
District Map



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