

PRAIRIE PARTNERS OUTLOOK

JUNE 2022



SEED HAWK AIR CART & DRILL



Three cooperatives...
one agronomic vision.



**THE BOLD NEW
FUTURE OF THE
SEED INDUSTRY
HAS A NAME.
IT'S DAKOTA
AGRONOMY
PARTNERS.**



*.™™ Trademarks and service marks of Dow AgroSciences, DuPont or Pioneer and their affiliated companies or respective owners. ©2020 CORTEVA



CONTENTS

- 04 PUSHING HARD**
DAN SEM
- 05 STRUGGLING TIMES PROVIDE OPPORTUNITIES**
CHRIS GRATTON
- 06 THE TALE OF TWO YEARS**
BRANDON BURBIDGE
- 07 STOCK RETIREMENTS & FUTURE PLANS**
TONY BERNHARDT
- 09 PROTECT & BOOST YOUR CROP'S POTENTIAL WITH PROPER FUNGICIDE APPLICATION**
CRAIG ELLSWORTH
- 10 PROVIDING OUR GROWERS WITH GLOBAL OPPORTUNITIES WHILE REMAINING DEDICATED TO OUR LOCAL COMMUNITIES**
LANCE SELZLER
- 12 DELIVERING ENERGY**
SHERI ENDRESEN
- 13 A UNIQUE AND INNOVATIVE CROP PRODUCTION SYSTEM**
- 14 EARLY SEASON NUTRITION DRIVES ROOTING & ENHANCES POTENTIAL**
SHAWN SHULTZ
- 15 SEEDING WITH PRECISION**
CRAIG GIROUX
- 17 THE IMPORTANCE OF WEED CONTROL THROUGH THE SEASON**
MIKE BENJAMIN
- 18 THE BENEFITS OF CREEP FEED**
EVIE JOHNSON



1800 13TH ST SE MINOT, ND 58701
701.852.3567 FAX: 701.852.8865

General Manager: Dan Sem
Board Members: Chairman: Merlin Routledge
Vice Chairman: Darren Sletten
Secretary: Tony Bernhardt
Directors: Chris Gratton, Tom Hall, Wayne Johnson



205 46TH AVE NE MINOT, ND 58703
701.852.2501 FAX: 701.852.4794

General Manager: Tony Bernhardt
Board Members: President: Darren Sletten
Vice President: Jay Harstad
Secretary: Robert Schmidt
Directors: Ricky Scheid, Jeff Braun, Shawn Kaylor, Owen Fiedler



1800 13TH ST SE MINOT, ND 58701
701.852.1429 FAX: 701.852.2755

General Manager: Chris Gratton
Board Members: Chairman: Eric Moberg
Vice Chairman: Merlin Routledge
Secretary: Darren Dobrinski
Directors: Andy Mau, Craig Birdsall, Lenny Rodin, Nathan Watne,
Trent Sherven, Ty Engstrom, Clinton Olafson, Daniel Winzenburg



106 MAIN ST N BOTTINEAU, ND 58318
701.228.2294 FAX: 701.228.2263

General Manager: Wayne Johnson
Board Members: Chairman: Paul Amsbaugh
Vice Chairman: Kelly Thorenson
Secretary: Norman Buynak
Directors: Don Boardman, Keith Jensen, Sean Henry, Scott Biberdorf,
Tom Hall, Greg Morlock



DAN SEM
DAKOTA AGRONOMY PARTNERS
general manager

 dan.sem@chsinc.com

 701.852.3567

PUSHING HARD

As I write this the last week of May we are grinding through another spring and making progress on the planting season. As we work through a compressed window of time to get the crop in, we are finding pockets of nice weather to get the job done this year. I believe it will be a stretch to say we will get everything seeded, and our staff is giving it everything we can to cover acres and be there for our growers. We know from experience that in compressed planting situations there isn't enough "man and machine" to cover every acre efficiently, but we need to give it 110% on every acre we are on with the time we have. That's what we do for a living.

We have seeded many canola acres by air or with a ground rig this year to keep the momentum going. In the past, these methods have shown to produce great crops while allowing our growers to continue seeding other commodities on dryer ground. Spring wheat, soybeans and sunflowers will be planted through June 20th. Most of our growers are looking at the high commodity prices and pushing forward to get as

many acres in as possible to backstop the higher input costs we have witnessed this growing season.

We are already watching fertilizer pricing, as we see some are locking in potential contracts into next season already. Input prices for 2023 are being looked at closely because, as we know, if markets stay strong we need to protect that with forward-looking cost of goods in the form of crop protection product, crop nutrients and seed.

We are going to keep "pushin' hard," as our dedicated employees say, and get as much done for our customers as possible. That is why we get up everyday and take on the challenge. We want to earn the business and we appreciate the business.

Please be safe out there in this fast-paced spring. Slowing down and thinking it through can be faster in the end sometimes.



STRUGGLING TIMES PROVIDE OPPORTUNITES

CHRIS GRATTON
CHS SUNPRAIRIE
general manager

chris.gratton@chsinc.com 

701.852.1429 



I have been involved in agriculture my whole life and I have always looked forward to the spring season. New life in the wild, green grass, the smell of spring rains, and all the excitement of another crop going into the ground. Every year has its different challenges, with some worse than others.

Last year's drought in our southern area, and now this year's high moisture levels in our northern territories have posed some struggling times for our patron base to get the crop in the ground. But with struggling times come opportunities, and with risk comes rewards!

The team at CHS SunPrairie will always be here to help you navigate through the road ahead. With the market volatility that we are seeing, we ask that you please stay in close contact with our team to discuss ideas and options on the acres you did get planted this spring.

As I approach my sixth month of managing this business unit, I am proud to say I have been very impressed with this team. It is great to see the pride they take in their facilities, and the dedication they have to serving you, our member-owners, day after day. I look forward to the positive future of CHS SunPrairie and I am happy to be working with this crew and all the patrons!





BRANDON BURBIDGE

BORDER AG & ENERGY
grain merchandiser

 bburbridge@borderag.coop

 701.228-2294

THE TALE OF TWO YEARS

Once again it is the “tale of two years” in northcentral North Dakota. As I am writing this, we are the end of May and most of our producers are still in the field trying to get the crop planted. Even with the delayed planting we still have a lot of optimism for this crop.

SMALL GRAINS

Dry conditions in the winter wheat growing areas of the U.S. may have created a smaller crop, and with the delayed planting in North Dakota and prairie provinces of Canada, there is a bullish tone to the general market.

OIL SEED COMPLEX

With the potential new biofuel blend mandates and production concerns worldwide things are optimistic in the oil seed market. A smaller South American soybean crop, plus increased oil and protein demand worldwide make this market bullish. Canola increases in oil demand worldwide, caused by palm oil export restrictions in Indonesia, are keeping a bullish tone. For sunflowers, the conflict in Ukraine is causing pricing to remain strong. Flax pricing remains strong on the bullish news of the rest of the oil crop complex, and pricing looks to remain solid.

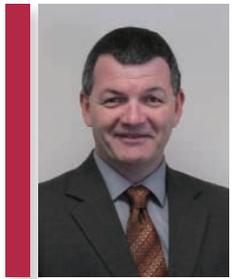
Corn continues to have high demand for ethanol, feed and exports, leading to strong pricing.

With everything having high demand based expectations for the next two crop years, the most concern would have to come from the general macro economy. What does inflation do? What do high prices do to demand? What does a change in the geopolitical landscape do? So, while everything seems bullish near term, we still have to be aware of outside factors as much as any other time.

We also must be aware of the old saying that, “high prices cure high prices.” If you are at price level and you are comfortable with production potential, don’t let these prices go by without doing something. Thank you to our customers for their continued business. Have a good summer from Border Ag and Energy.

TONY BERNHARDT
ENERBASE
ceo

tonybern@srt.com 
701.852.2501 



STOCK RETIREMENTS & FUTURE PLANS

Greetings from the entire staff and management team from Enerbase! Enerbase continues to look towards futuristic aspirations that make sense to the patron, and also fit the model that has been created. Our producer board and management will always take and consider best practices for the patrons and the employees for the future.

Recently the Enerbase board approved stock retirement disbursements. I want to personally thank you for your continued support and business! We truly appreciate you being a member of your local cooperative! The board of directors has approved the following 2022 stock retirement payout:

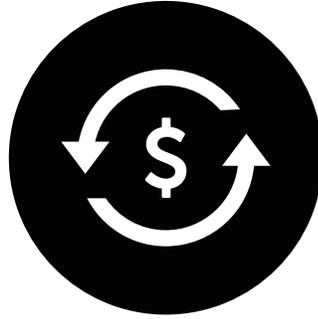
\$803,630.70	Enerbase equity for 2006 and 75% of 2007
\$85,282.93	Former Farmers Union Oil Co. of Velva for 1983, 1984 and 1985
\$29,659.23	Former Farmers Union Oil Co. of Plaza for 1996, 1997, 1998, 1999 and 2000
\$918,572.86	Total distribution to patron-owners

Remember, if you are 70 years of age or older you can request your stock to be retired which occurs in June and December of each year.

The board also approved fixed asset expenditures of \$3.9 million, with \$2.9 million going toward the new convenience store in Makoti. Updates include new pavement, cement, gas and diesel dispensers, and new canopies. This new store will allow travelers to have a new experience! The remaining fixed asset amount will be used to replace and add rolling stock (two pickups & a semi-truck) along with an outside remodel at the Washburn store.

Later this fall the Ryder store will be relocated to the highway just south of town, with access to gas and high-speed diesel dispensers, and also bulk petroleum distribution. Sadly when this occurs, the current facility in town will no longer be in operation. Enerbase will always look to improve on the assets of the cooperative as needed for the growth of its business and to continue to be profitable.

We will continue to deliver to you, the owner, a commitment of stock retirement and cash patronage earned with an ongoing effort to redeem the equity that you deserve! Enerbase will also continue to be aggressive on equity redemptions for past and future business. Look for a cash patronage distribution in the fall of 2022! We will provide quality products, quality service and fair prices to you the owners. On behalf of the board of directors and the entire management staff, I sincerely would like to take this time to thank you for your business and look forward to a bright Enerbase future!



No dicamba may be used in-crop with seed in the Roundup Ready® Xtend Crop System unless and until approved by the U.S. EPA and the appropriate state agency for such use. As of August 7, 2020, no dicamba formulations are currently registered by the U.S. EPA for in-crop use with seed in the Roundup Ready® Xtend Crop System in the 2021 season.*



ASGROW.COM

WHEN PUSHING YIELDS, IT PAYS TO BE FLEXIBLE.

Drive profitability and manage tough-to-control weeds with the combined performance of Asgrow® brand soybeans and XtendFlex® Technology – offering the addition of glufosinate tolerance. Ask your dealer how much further you can grow when Asgrow leads the way.

X TENDFLEX
SOYBEANS
EXPECTED SOON

*No dicamba may be used in-crop with seed in the Roundup Ready® Xtend Crop System, unless and until approved or specifically permitted by the U.S. EPA and the appropriate state agency for such use. As of August 7, 2020, no dicamba formulations are currently registered by the U.S. EPA for in-crop use with seed in the Roundup Ready® Xtend Crop System in the 2021 season. Current stocks of low-volatility dicamba herbicides XtendiMax® herbicide, Engenia® herbicide and FeXapan® herbicide previously approved for in-crop use with seed in the Roundup Ready® Xtend Crop System may not be used after July 31, 2020. Dicamba may harm crops that are not tolerant to dicamba. Contact the U.S. EPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicide products for in-crop use with seed in the Roundup Ready® Xtend Crop System.

NOTICE: DO NOT APPLY ANY HERBICIDE TO SEED IN THE ROUNDUP READY® XTEND CROP SYSTEM UNLESS IT HAS A PRODUCT LABEL SPECIFICALLY AUTHORIZING THAT USE. TO USE A HERBICIDE IN ANY MANNER INCONSISTENT WITH ITS LABELING IS A VIOLATION OF FEDERAL LAW. REFER TO THE BAYER TECHNOLOGY USE GUIDE FOR DETAILS AND RECOMMENDATIONS ON USING APPROVED ROUNDUP® AND LIBERTY® BRANDED HERBICIDES ON SEED IN THE ROUNDUP READY® XTEND CROP SYSTEM.

XtendFlex® soybeans have received full approval for planting in the United States but are pending approval in certain export markets. For 2020, XtendFlex® soybeans will be available as part of a stewarded introduction only to growers who have signed a 2020 XtendFlex® Stewardship Agreement and agree to follow the stewardship requirements. Commercial availability in 2021 is dependent upon regulatory approval.

ALWAYS READ AND FOLLOW PESTICIDE LABEL DIRECTIONS. It is a violation of federal and state law to use any pesticide product other than in accordance with its labeling. NOT ALL formulations of dicamba, glyphosate or glufosinate are approved for in-crop use with products with XtendFlex® Technology. ONLY USE FORMULATIONS THAT ARE SPECIFICALLY LABELED FOR SUCH USES AND APPROVED FOR SUCH USE IN THE STATE OF APPLICATION. Contact the U.S. EPA and your state pesticide regulatory agency with any questions about the approval status of dicamba herbicide products for in-crop use with Roundup Ready 2 Xtend® soybeans or products with XtendFlex® Technology.

Products with XtendFlex® Technology contain genes that confer tolerance to glyphosate, glufosinate and dicamba. Glyphosate will kill crops that are not tolerant to glyphosate. Glufosinate will kill crops that are not tolerant to glufosinate. Dicamba will kill crops that are not tolerant to dicamba. Contact your seed brand dealer or refer to the Monsanto Technology Use Guide for recommended weed control programs.

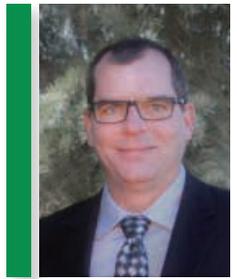
Asgrow and the A Design®, Asgrow®, Bayer, Bayer Cross and XtendFlex® are registered trademarks of Bayer Group. LibertyLink® and the Water Droplet Design® are registered trademarks of BASF Corporation. ©2020 Bayer Group. All Rights Reserved.





CRAIG ELLSWORTH
DAKOTA AGRONOMY PARTNERS
northwest region manager

craig.ellsworth1@chsinc.com 
701.377.2353 



When talking about my years in the agriculture industry I always say I have 25 one-year experiences, not 25 years, as every year is different. I can't recall two consecutive springs that have been so drastically different. With favorable commodity prices, it is really important to do everything we can to give this crop its best yield potential and protect it.

For disease prevention, a fungicide must be applied before disease takes off. Very few have reach back once disease has started in plants. Triazoles have some limited ability to stop or slow disease progression once it has infested, but they won't make the disease disappear. This can make the decision to spray a fungicide difficult as we need to make the decision before we see disease present in many cases.

Disease needs three things to make an impact: a susceptible host (crop), a pathogen and a favorable environment. With a wetter environment, pathogens could potentially be more prevalent this year. When making the decision to apply a fungicide, NDSU has some useful tools. A great website to refer to when determining risk and helping make the decision to spray canola is ag.ndsu.edu/sclerotinia/. A good site for fusarium head blight (scab) in wheat is ag.ndsu.edu/cropdisease or scabusa.org/. Partnering with a major crop protection company, new technology will be piloted this year exclusively with Dakota Agronomy Partners. We look forward to providing more information on this new technology in the near future!

When considering a fungicide it is important to look at products that have more than one active ingredient. Also pay attention to multiple modes of action for resistance management. There are two new products for scab this year, Prosaro® Pro from Bayer, and Sphaerex™ from BASF. These are both new mixtures of existing active ingredients and will be limited in supply this first launch year. Prosaro® Pro combines Prosaro® (prothioconazole – the best triazole on the market and tebuconazole) with fluopyram (an SDHI fungicide with plant health benefits). Sphaerex™ from BASF combines Caramba® (metconazole) with prothioconazole – two strong triazoles. A third consideration that's been on the market a couple years is Miravis® Ace from Syngenta. It combines pydiflumetofen, adepidyn (the best SDHI on the market with plant health benefits) and propiconazole. One thing to remember is using just a tebuconazole (folicur) alone isn't recommended as these newer fungicides have much better activity on disease per dollar spent. Your agronomy sales rep can help you make the best decision on which fungicide is right for your situation, time it correctly, and even arrange custom application as needed.



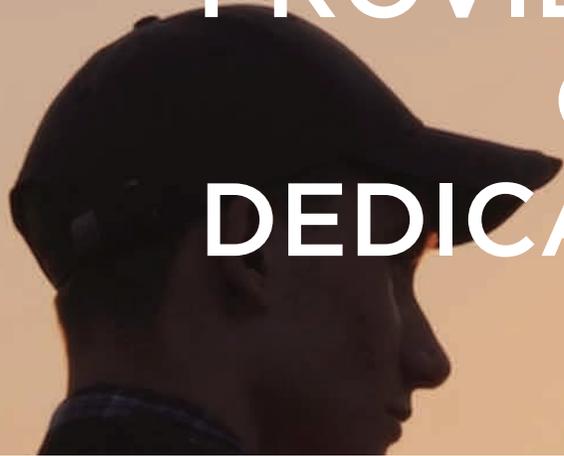
LANCE SELZLER

CHS SUNPRAIRIE
grain division manager

 lance.selzler@chsinc.com

 701.857.9317

PROVIDING OUR OPPORTUNITY DEDICATED TO



There's something special about living and working in our small communities throughout this territory. Contrary to common belief, life is never as dull as it's made out to be. Well, I guess when it comes to "adulting" that is. I'm very involved with some committees, boards and organizations in my hometown of Velva. Growing up I watched my parents serve tirelessly in capacities such as on the Park Board, Community Development, Association of Commerce, Volunteer Fire and Ambulance, etc. As I became an adult, maybe feeling like an obligation or not, I felt it was my turn and for the next generation to step up. I'm sure this is an all too familiar story for you and in your small communities throughout this portion of the state. It certainly plays a large part in who we are at CHS SunPrairie.

When I think of the make-up of our grain origination and operations teams, we live and breathe all corners of the CHS SunPrairie region. We reside in Burlington, Bowbells, Des Lacs, Garrison, Kenmare, Lansford, Makoti, Mohall, Ryder, Sherwood and of course Velva! I would love to give shout-outs to all the communities we represent but I'm told my space is limited. But pull out a map of northcentral and northwest North Dakota and I would bet we would have most of the communities covered!

Most of us are very heavily involved in our "home bases" and it's important to us to do so. Not only do we take pride in representing our local communities, but we also take pride in representing our cooperative, CHS SunPrairie. Like farming and ranching, it's not just an 8 am-5 pm responsibility. The job doesn't stop when we leave our workspace for the day. We represent CHS SunPrairie when we shop at the same

local grocery stores, sit in the same gymnasiums, and dine at the same cafés for Sunday brunch as you do. We even don't mind being called "the grain buyer" or "the seed guy" or "the check-writing lady" outside of business hours! In the end, it's important to us for you to know that your 24/7 operation is crucial to our communities, and support from your local cooperative doesn't stop when we punch out for the day.

Before you call for that restraining order, let me cut to the chase! The concept of "being there" for our grower-owners is the number one priority of our grain marketing team. Gone are the days of just being someone on the other end of the phone patiently waiting for you to sell your grain. As a cooperative we need to be better than that, and you deserve more than that. In the past few years, our grain origination team has taken a boots on the ground approach to promoting marketing plans and just being more visible to the grower-owners. That is important for us to continue and build with our growers. In doing so, we are also taking a "back to the basics" approach as a team. We don't just want to be visible; we want you to know your cooperative has your back regardless of how little or big the task might be. We are no strangers to being parts runners, meal delivery services, and taxis from the field to the farm - just if you don't mind talking about marketing strategies and accepting the occasional commentary along the way!

The CHS1 initiative provides our growers-owners a unique opportunity. Along with our partnerships with Dakota Agronomy Partners and CHS Inc., the growers of CHS SunPrairie OWN and reap the benefits of the entire process from pre-plant preparations through the time your crop is

OUR GROWERS WITH GLOBAL OPPORTUNITIES WHILE REMAINING ROOTED IN OUR LOCAL COMMUNITIES

loaded onto a barge in the Pacific Northwest, or at a mill east of the Mississippi. “Our farmers feed the world” is not an overused cliché. We can track that load of spring wheat from Donnybrook all the way to when it is being unloaded at a mill in Japan. Or that off-grade load of wheat raised south of Minot that was just delivered to Ecuador where there was a feed market available.

I mentioned the CHS1 initiative because it’s an example of our job to keep you informed of all the options and possibilities you have for your operation. But first, WE must be informed! That’s on us as a cooperative. We can’t be informed if we don’t know our grower-owners. So when you see us out and about in your community, let’s give each other a holler! Don’t be afraid to speak what’s on your mind and ask how your partnership with CHS SunPrairie can benefit you! Sometimes the best and most productive conversations will happen informally standing in line for popcorn, in front of the meat cooler, at the gas pump, or on a comfortable stool having your favorite beverage. It is how we work in our small communities around the CHS SunPrairie region and it is the way of life we love being part of!

Speaking of sharing our communities, I would like to take this opportunity to announce our growing team. First, I am excited to welcome Eric Mack as our newest grain originator. Eric is a farm boy from Redfield, South Dakota, but many of you probably know him from his 25+ years managing a local canola processor in this area. He is ecstatic about being able to reconnect with all our grower-owners right away, and we are very excited to have Eric and his proven skills in this industry join our team.

Next, I want to welcome Eloise Lucille Corpe to our grain team! Eloise was born on May 17th to our grain originator, Amber Corpe, and husband Chris. Eloise has no experience working in the ag industry, but I’m sure some very necessary and valuable skills will be picked up along the way. Amber is going to take some much-needed time off with Eloise and will come back in late July before the harvest madness commences.

Until then, stay safe everyone and we look forward to working with you every step of the way during this crop year.

MISS
ELOISE LUCILLE CORPE





SHERI ENDRESEN

ENERBASE
energy relations

✉ sendresen@srt.com

☎ 701.263.7902

DELIVERING ENERGY



In this edition I want to focus on our energy team, the service they provide, and their long-term commitment to your coop.

A few facts about our committed staff:

- We have 24 dedicated staff members in our energy division.
- Some of them have slept sitting upright in their trucks (for days) waiting in line at the terminal, while we were experiencing a diesel fuel shortage. They made sure our customers and c-stores did not run out of product.
- Many of them have missed holiday meals with family, because a customer needed propane or a locomotive needed fuel.
- Some have made repairs or adjustments to customer tanks without even getting the customer involved.
- Some are trained in fuel and propane and often jump from truck to truck.
- Most are accident-free drivers with no safety violations.
- We have over 293 years of experience on our team.
- We never missed a beat during the flood when we were displaced and our downtown location was under water.
- Most are problem solvers, self-starters and have superior customer service skills.
- When retirements start rolling around - we have BIG SHOES to fill.

Here are the staff members, with their years of service, and their current position with Enerbase:

Chuck Schmaltz - 46 years Velva area, Propane/Petro Delivery	Kathy Gonzalez - 10 years Minot, Energy Manager	Cory Brattelid - 2 years Minot Transport Petro Delivery
Sheri McDonald-Endresen - 32 years Energy Relations/Sales	Dana Solberg - 9 years Minot area, Propane Delivery	Craig Haugen - 1 year Velva area, Propane/Petro Delivery
Darryl Endresen - 29 years Minot area, Petro Delivery	Amanda Haugen - 9 years Minot, Propane Operations	Jason Gramling - 1 year Washburn area, Propane/Petro Delivery
Mike Vollmer - 27 years Minot area, Petro Delivery	Duane Rockvoy - 8 years Minot Transport Petro Delivery	JC Holmen - 1 year Minot Oil Warehouse coordinator
JR Brown - 17 years Minot area, Propane Delivery	Ryan Schoen - 8 years Minot Transport Petro Delivery	
Roger Folden - 15 years Ryder/Plaza/Makoti, Propane/Petro Delivery	Lance Rieder - 8 years Drake area, Propane/Petro Delivery	
Dave Duchsherer - 14 years Washburn area, Propane/Petro Delivery	Derek Olson - 8 years Ryder/Plaza/Makoti, Propane/Petro Delivery	
Larry Dove - 14 years Minot, Oil Warehouse	Randy Michalenko - 5 years Bulk/Packaged Lubricants Delivery	
Al Medler - 13 years Minot, Dispatch/Sales	Aimee O'Keefe - 4 years Minot Petroleum Office	
Roger Peterson - 10 years Minot, Petro Delivery	Doral Wallace - 2 years Minot Transport Propane/Petro Delivery	

We offer superior products, at competitive prices with excellent customer service! We are a committed group of employees and we get the job done. Give us a call for any of your operation's needs!

Cenex Lubricants/DEF/Propane/Gas/Fuel
Propane Tanks: 500 TO 30,000 gallon

Fuel Tanks: 560 TO 20,000 gallon
Petroleum Equipment

A UNIQUE AND INNOVATIVE CROP PRODUCTION SYSTEM



Green-tech company, Terrakamp, will soon introduce the world to a unique and innovative crop production system. The NEXAT system features electric drives and adapts interchangeable implements to accomplish all necessary aspects of farming. Every machine becomes self-propelled, and those primary functions already include applications such as ground preparation, seeders and planters, liquid and granular product applicators and a massive harvesting system. NEXAT's technology promises to replace traditional fleets of farm machines, and worldwide interest is already overwhelming.

"This innovative crop production system is one of the most significant developments to agriculture since engines were introduced to farm implements," states Klemens Kalverkamp, Managing Director at NEXAT GmbH. NEXAT offers track or wheeled systems which are driven by electric motors. The electric generators are currently powered by an 1100 hp diesel system, but a hydrogen fuel cell system is currently being developed to replace that in the near future. An optional cab is in the initial standard configuration, however the cab is primarily used for travelling between fields.

NEXAT operates autonomously within the field. Various implements (or applications as the company calls them) were developed in cooperation with the world's most advanced agricultural equipment manufacturers. The massive NEXAT is essentially an autonomous robotic propulsion system that integrates data from the holistic aspect of agriculture into one centralized database. NEXAT's data division, terrakamp.io, is built upon the disciplines of machine learning and technologies of artificial intelligence which strive to optimize path planning, machine performance, maximizing yields and continuously improving soil health.

The unique NEXAT production system relies upon a Wide Span Controlled Traffic Farming pattern, or a "WSCTF System," leading to healthier soil and promoting the concept

of regenerative agriculture. Depending upon configuration, 95% of the entire farmland is never driven over again where compaction is eliminated. This unique ability avoids hard pan surface creation, allowing moisture to penetrate deep into the soil and stimulates deeper root growth. The result is a superior ability to accommodate moisture during periods of flooding, but also an improved ability for plants to withstand droughts as moisture exists deeper within the ground. In addition to moisture, natural nutrients are also able to penetrate deeper, eliciting an improved soil microbiome which continuously reduces the need for synthetic nutrients.

A further step towards regenerative agriculture is NEXAT's seeding and planting applications, which feature no-till or minimum till designs. The harvesting application features corn headers with integrated stalk destruction processes or flex drapers that hug the ground to maximize yield retention while removing as much of the plant residue as possible. The harvester's massive grain tank quickly unloads, negating the need for grain carts to chase the combine through the field as unloading is coordinated to occur on surrounding roadways. The harvester features a massive separator and a superior throughput process where chaff is introduced to dual spreaders which evenly distribute residue across the field. The intention of these various planting, seeding, spraying and harvesting processes is to avoid the need for subsequent tillage passes, further reducing effort and cost.

Another company focus is on carbon sequestration. NEXAT has recently won several national engineering awards and has been under development since 2015. Now entering its fourth year on test farms, the first NEXAT in North America is scheduled to arrive at the Enerbase/Agrabase facility in Minot, N.D. this fall. Performance in North American crops and conditions will be optimized in 2022 and 2023. An ordering process will soon open anticipating deliveries to farms worldwide in 2024. Initial production capacity is expected to sell out promptly.



SHAWN SHULTZ
DAKOTA AGRONOMY PARTNERS
agronomy sales rep

 shawn.shultz@chsinc.com

 701.228.3354

EARLY SEASON NUTRITION DRIVES ROOTING & ENHANCES POTENTIAL

Essential plant nutrients are mainly applied through the soil, but under many circumstances foliar nutrition is more economic and effective.

With many of the canola acres in our region being seeded by planes and ground rigs this year, phosphorous incorporation is limited. Phosphorous does not move in the soil. A foliar application could be a great compliment this year, as there may be phosphorous deficiencies.

Aside from phosphorous deficiencies, foliar nutrition and biostimulant applications will help drive rooting. A strong root system is important for nutrient uptake, moisture acquisition and secondary rooting. ATP has a foliar nutrition product line called ReLeaf. ReLeaf contains macro and micronutrients and two biostimulants. These foliar products can be applied with most post-emergent herbicides to help recover from “herbicide hangover” and boost yields at the same time.



CRAIG GIROUX
ENERBASE
equipment sales

cgiroux@srt.com 📧
701.852.2501 📞



SEEDING WITH PRECISION

If you are not familiar with the Seed Hawk air seeder please stop by our office north of Minot or give me or Becky a call. The Seed Hawk is available with 40', 50', 60', 70, 80' or 84' toolbars with a choice of 680 bu, 820 bu or 1,000 bu air carts. The toolbar has independent openers and is a dual-shoot machine, with the option of adding liquid or anhydrous to make the toolbar a triple-shoot machine. The spacing has 10", 12" and 15" options and you have the choice of a single-row seed knife or paired-row seed knife set up, with 3" spacing on the paired-row knife set up.

Seed Hawk is known for its accurate seed and fertilizer placement giving you excellent seed to soil contact. The sectional control is also exceptional, allowing you to save on your inputs by turning off your meters when coming to previously-seeded ground, but the sections also lift the shanks out of the ground for every ten feet that encounter previously-seeded ground. With the Sectional Control® Technology you also have turn compensation to better adjust from one side of the machine to the next.

The Seed Hawk carries very light and has great floatation when compared to similar size machines in other makes. The single-row seed knife recommended hp is just over 5 hp/row, and the paired-row seed knife is just over 5.75 hp/row.

When operating a Seed Hawk air seeder you will also find lower maintenance expenses and longer-lasting parts keeping you in the field when needed and less time adjusting or replacing parts.

The air cart utilizes electric motors for each section on each of the tanks. Each tank also has three load cells so you can utilize an in-field calibration, and also monitor how many acres you can seed until you need to fill. Another unique feature is a fit-to-field function. As you get close to being empty, you can utilize this to run your tank empty on the remaining acres you have left, emptying out the cart when you are switching to another product.

The Seed Hawk communications and operating screen is all done wirelessly utilizing an iPad for both the wireless blockage and the operating screen. We have a few units left for the 2023 booking season so stop by before they are gone.





CONGRATULATIONS TO OUR 2021 SCHOLARSHIP RECIPIENTS!



Laurae Beaudrie
Velva

Reese Sys
Des Lacs Burlington

Jade Lohnes
Velva

Bo Thingvold
Bowbells

Brynlee Ganskop
Bowbells

Kaden Chadwick
Velva

NEW
for 2022 growing season



3 Effective Active Ingredients



Overlapping Control of Foliar and Head Diseases

Lowers DON and Protects Grain Quality

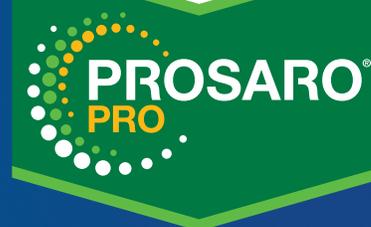


11 Bu./A Yield Advantage vs. Untreated in High Disease Pressure Trials*

*20 2019 Trials: IN (1), KS (1), KY (1), MI (1), MN (4), ND (8), OH (1), PA (2), WI (1)



Flexible Application Window for Fusarium Head Scab



The future of plant health starts here.

When it comes to healthy fields and higher yield potential, Prosaro® PRO 400 SC fungicide delivers. Visit ProsaroPRO.com to learn more.

MIKE BENJAMIN
DAKOTA AGRONOMY PARTNERS
central region manager

mike.benjamin@chsinc.com 
701.852.3567 



Greetings from the field! This planting season was quite challenging, to say the least. Last year at this time we were close to having all acres seeded, and dealing with lack of moisture with much of the state entering extreme drought conditions. Today as I am writing this, we are receiving another shot of rain and are currently at nine-plus inches so far this year in some areas. With the end of April snowstorm dumping as much as four feet in some of our trade area, it pushed seeding back a few weeks. Our team took advantage of every opportunity to get the crop in! Our moisture situation has gone from extreme dry conditions to saturation in some areas. But we are very grateful for the moisture.

As the weather straightens out and field checks are being done, one thing to consider is the importance of good weed control both in-crop and in areas you may have not been able to seed this spring. Keeping weeds controlled will not only help your crop have the best chance for the best yield, but the same applies to areas you were unable to seed. This will help save the nutrients left in the soil to be utilized by next year's crop, along with eliminating competition. It will also save the nutrients for the crop you plan to raise in the future on any potential PP acres.

Things to consider when choosing your herbicide and application timing are:

The weeds you are targeting

Choose the correct herbicide group to target specific weeds. This will help give you effective control. Also remember to change it up by choosing another herbicide group. This will help prevent resistance from developing rather than using the same herbicide group year after year.

The size of the weeds

Spraying weeds early, when they can be controlled is key. They are more difficult to control when they are above two inches, in some cases depending on the weed, even smaller.

Crop rotation

What crop will you be seeding next year? Some herbicides will have a residual effect which could affect what you are able to plant in your field next year.

Water! Water! Water!

The more water volume you are putting down with your herbicide is the cheapest ingredient to help with weed control. This gives you the best coverage, ensuring you are touching all growing points of the weeds you are trying to control.

Speed and nozzle selection

It is very important to control your speed and to make sure you are using the appropriate nozzles for the best coverage possible.

Weather

Look out for those rain-fast times on the products you are using. Some can be as low as a half-hour to as much as six-plus hours. Weather conditions like temperature and humidity can contribute significantly to the effectiveness of your herbicide. Some herbicides like it hot and humid while others may not be affected as much.

Along with all the other factors in raising a bumper crop, weed control should be at the top of the list. Your number one goal is to raise the crop you are seeding and give it the best shot possible. Don't let those pesky weeds rob your crop of reaching its full potential with poor weed control. As always, follow the label.

Please reach out to any Dakota Agronomy Partners ASR for any scouting needs and recommendations on product placement for proper weed control. Have a safe and prosperous summer!



EVIE JOHNSON
CHS SUNPRAIRIE
animal nutrition consultant

✉ evie.johnson@chsinc.com
☎ 701.857.9370

THE BENEFITS OF CREEP FEED

What a strange string of events our area ranchers have been through over the last 12 months. It's a good thing we're used to dealing with hardships, because that is what we've seen in the ranching world. We went from a severe drought last year to Spring Blizzard Haley that dumped up to four feet of snow in parts of our trade area, just in time for calving. Now, I know that this isn't news to any of you, but I want to commend you for sticking it out and pulling through the way that you have. Some made hard culling decisions, having to cut herds in half or more, and some were able to make it by with sending old cows, that probably should have left the place a year or two ago, down the road. Although it was tough at the time, I truly think that everyone's operation will come out better in the long run. We usually don't talk much about the culling and animal husbandry side of herd management, but it really does make a difference in your overall herd performance.

Now, to the real reason that you're reading this! Here is what's going on in the feed world! At the time of writing this the last week of May, prices continue to fluctuate on all of our products. We were able to get our summer creep feed price locked in and will be able to keep that price steady with where we were last year. It is our plan to once again run our creep feed special in July by giving our customers a \$5 off per ton discount on any creep tons taken in July.

Now, it's been a while since we've talked about the benefits of creep feeding, but I think it's going to be critical this year to get these cows back to where they need to be. One would think that the only good reason to put that feeder out in the pasture is to have heavier calves come sale day. This is a great reason to do that, however, it's not always the biggest one. We see so many benefits to the cow as well as that calf at weaning. By providing creep to the calves on pasture, you're taking stress off the cow, who is either trying to rebreed, or already has, and is working on keeping that new pregnancy as well as providing milk for a growing calf. If you are able to lighten her workload, then her forage and supplement/mineral intake should also slow down as she isn't needing to refill those reserves as quickly. I know the pastures look vastly different from last year, but the breeding females went through a hard year and are still working on catching up so let's give them all the support we can!

It's been proven through many studies that calves who have had creep feed while out on pasture, not only wean heavier, but go on feed much better. The weaning process doesn't

have to be the worst time of the year anymore. These calves that have had supplementation have very little bawl in them and go right to the bunk and start eating. No more dealing with two-to-three weeks of weight loss and bawling calves to set everyone back!

Speaking of weaning, don't forget that we do carry Head Start B50 AU70 in bulk in Minot and can get it to all our locations. This weaning pellet has been proven year after year, and simply put, just works. In most studies that have been done, calves have continued a three-pound per head, per day weight gain through weaning while on Head Start. You just don't see those kinds of numbers every day! Because it has Aureomycin in it, you are required to get a VFD from your Veterinarian before being able to purchase it. If you've never gotten one before, it isn't the scary process that you might think that it is.

Looking ahead past weaning, if you plan on backgrounding calves, I encourage you to look into using Bull Challenger. This complete feed encourages nice, even gains and ensures they get everything they need in every bite.

If you have any questions, want more information, or have some feedstuffs that you'd like to have tested, please don't hesitate to give our feed team a call, or reach out to our CHS Nutrition Consultant, Brandon Weidert, at 701-240-1230. We'd love to visit with you about your operation and assist you in making feeding decisions and putting together rations that fit your needs. As always, thank you for your patronage and we look forward to working with you and your herds.



**\$5 PER TON
DISCOUNT
ON PAYBACK
CALF CREEP
DELIVERED
IN JULY**

Call one of our locations to line up your delivery!

MINOT
720-1501

VELVA
338-2213

DRAKE
465-3602

RYDER
758-2245

LIGNITE
933-2840

BOWBELLS
377-2353



 **AgCountry**[®]
Farm Credit Services

FOCUSED ON AG. FOCUSED ON YOU.

A cooperative providing customized financing and financial services for farmers, ranchers, and agribusinesses:

- **Farm & Agribusiness Loans**
- **Insurance (MPCI, Hail, Life)**
- **Cash Patronage Program**
- **Appraisal Services**

Bottineau 800-264-3731

Minot 800-264-1265

Carrington 800-264-2836

Rugby 800-467-5863

Crosby 701-965-2265

Williston 800-264-1095

Bowbells Crop Insurance 855-283-9700

Ward County Crop Insurance 888-852-5432

AgCountry.com

PRAIRIE PARTNERS OUTLOOK
1800 13TH STREET SE
MINOT, ND 58701

Looking for an Ag Lender who
understands you? **We can help.**



Fred Beuchler
701-420-6739



Tyler Neether
701-420-6723



Matt Benson
701-420-6728



Troy Hedberg
701-385-4051



Minot • Kenmare
www.townandcountry.org