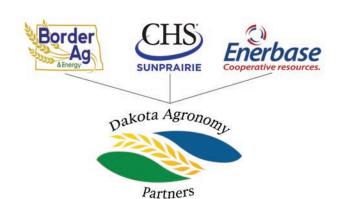
PRAIRIE PARTNERS

OUTLOOK

WINTER 2020





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Stay out in front with Asgrow® brand soybeans. Featuring 100% exclusive genetics and tailored, integrated solutions to help maximize profitability on every acre. Ask your dealer how much further you can grow when **Asgrow leads the way.**





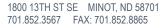








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Board Members: Chairman: Merlin Routledge Vice Chairman: Tom Hall

Secretary: Tony Bernhardt

Directors: Brad Haugeberg, Darren Sletten, Wayne Johnson



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Dennis Deutsch



SUNPRAIRIE

oakota Agronom,

Partners

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Tom Hall



BRANDON BURBIDGE

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DON'T GET STUCK IN A RUT WHEN MARKETING KEEP MOVING FORWARD



I hope everyone had a safe and successful harvest this fall. Once again we had a very busy harvest, which was about the opposite of last year. We barely ran the grain dryers and had it mostly wrapped up after the first week or so of October.

Now with harvest in the books and fall field work completed, lets look ahead at marketing the balance of the 2020 crop and starting on the 2021 crop. Soybeans have been the pusher in the markets. Several things are leading the strong export demand on raw beans, and soybean meal has pushed the oilseeds up. Drier than normal conditions in Brazil and Argentina have led to supply concerns, plus weakness in the US dollar are both favorable items that have helped us out.

Wheat has had minor worldwide production issues, nothing major yet though. A few production issues in Europe and Western Asia have the world wheat market watchful, but with the supply that we have been running the last few years that needs to continue to be monitored.

For the corn crop, the feed and export demand has been up lately, but the ethanol demand has been inconsistent so it has been tough to stay overly bullish.

I am going to sound like a broken record when I say this, but know your cost of production and let that influence your marketing decisions. Don't keep getting stuck in the rut of marketing when cash is needed to make payments. Let us be proactive and keep moving forward. Being proactive can mean different things on different farms, but the main take away should be market grain when you want to not when you must.

Border Ag and Energy would like to thank you for your business, and we hope you continue working with us so we can continue to move forward into the future together.

DARREN SLETTEN ENERBASE board president

djslett@hotmail.com **2**



adapting

(verb): the act and/or result of adjusting to new circumstances

This spring we encountered wet field conditions for planting, and in many areas a dry fall. Covid has changed how we do business and interact with our family and neighbors. Political unrest has us asking what is true and what is not. So, with these and many more factors everyone has had to adapt.

At Enerbase, we had a virtual Annual Meeting for the first time because of group size recommendations, and some of our board meetings were held via video conferencing. For a time, much of the office staff worked from home and other employees were required to follow special guidelines to protect customers and themselves. But with all of the changes in normal business practices, Enerbase is having a great year! We learned how to adapt.

This year Enerbase has paid to thier members:
non-qualified equity \$498,722
cash patronage \$1,450,680
As the fiscal year winds down, Enerbase is on track to have record, or near-record earnings.

We welcome Farmers Union Oil Company of Plaza and Makoti to the Enerbase family. On October 20th, the patrons of FUOC of Plaza and Makoti overwhelmingly voted to merge with Enerbase, with December 1st being the official merge date. Management and employees have been working through the checklist to make this happen. Plaza and Makoti will be great additions to Enerbase, and their members will retain 100% of their earned equity.

The Enerbase board and management wish to thank the patrons for their loyalty, and our dedicated employees for their hard work.







"It is not the most intellectual of the species that survives; it is not the strongest that survives; but the species that survives is the one that is best able to adapt and adjust to the changing environment in which it finds itself."

Leon C. Megginson



ERIC MOBERG CHS SUNPRAIRIE board chairman

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HITTING THE GROUND RUNNING

Merry Christmas and Happy New Year from the producer board here at CHS SunPrairie. I hope this issue of the Prairie Partners Outlook finds you in good health and good spirits, at the end of a year that made both of these a challenge.

The Covid-19 pandemic, as we all know, has altered how people conduct their lives and businesses. The producer board has not met in person since March. Although I prefer face to face meetings and events, I'm thankful we live during a time where there are digital platforms to have "virtual" meetings so we can do our part to help slow the spread of the virus. Hopefully this ends soon, and we can get back to business as usual.

Speaking of business as usual, I'm happy to report that CHS SunPrairie had a very respectable fiscal year, posting earnings of \$2.8 million. A late rally in markets and a good crop across most of our region provided for fantastic harvest volumes at all of our major terminals. On behalf of the Board, I would like to thank our employees for putting in the long hours to serve our producers during a harvest that provided almost no rain delays or breaks.

Our investment at the Wiley Terminal really shined this year. As I mentioned earlier, not only were volumes outstanding, but the speed of getting our producers in and out of the facility, and back to the field is important. During the soybean harvest, 253 trucks were dumped in one day at the facility. A remarkable accomplishment considering only one pit was being used (the other lane was being used for the trucks hauling to the pile). Like I've mentioned before also, as soon as capital becomes available, a speed up in Bowbells is our next project.

Looking forward, we are hitting the ground running in this next fiscal year, which started September 1st. We are hopeful the momentum seen at harvest carries through into the winter months and the railroad performs to help bushels move.

CHS at the corporate level has had a challenging year. The pandemic wreaked havoc on the refining industry (as I write this, refining margins are negative). As a result, and other setbacks, they have put in place cost cutting measures at all levels of the company, including the laying off of employees. It is a reminder of the impact of being a part of a large cooperative; you share in both the good and in the bad. I'm hopeful going forward that the new year brings the end of the pandemic.

Looking forward as a board, I'm also hopeful we can sit down face to face this winter at a planning session to look at ways to bring more efficiency to this operation. Following the lead from CHS, it is unlikely we will hold our annual meeting this winter in person due to the current Covid-19 situation. Watch your mail and social media for updates.

In closing, on behalf of the board, thank you for your business. Take some time this holiday season to give thanks with your family and friends. Stay healthy and Merry Christmas.



MERLIN ROUTLEDGE
DAKOTA AGRONOMY PARTNERS
board chairman

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BUSINESS AS USUAL... SO TO SPEAK



Hello from the board room of Dakota Agronomy Partners. Along with every other business in the US, the way we conducted business this past year changed drastically. Instead of our regular monthly meetings we have been having virtual meetings, conference calls, or whatever it takes to get the work done. Business as usual...so to speak.

DAP has been very proactive in following all state and federal Covid guidelines to help keep all our employees and growers as safe as possible through these times.

On the brighter side, grain prices inched higher during November. The DAP team is in seed mode and prepping for the 2021 planting season. With all the new seed traits and varieties being offered today, DAP most certainly has the right fit for your operation's needs.

As always DAP continues to update our equipment to keep up with the ever-changing Ag Sector. In some locations we

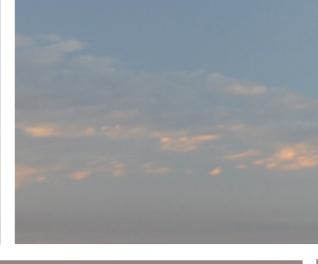
may downsize the number of machines and replace them with one new one. During the busy season we can move the newer equipment around from location to location as needed to push hard to cover more acres. This has worked well in the past and cuts down on expenses as well.

Dakota Agronomy's fiscal year end was August 31, 2020, in which we posted a local net profit of just under \$1.5 million. It was not what we projected at the start of the year, but with all that has transpired this past year we'll take it. A solid black number this year is a win!

In closing, on behalf of the board of directors I would like to thank each and every one of the DAP patrons for their continued support. We look forward to working with you all this year and in the years to come. Stay safe out there and enjoy the rest of 2020. I think we all are looking forward to 2021!







TRADITIONAL vs SPECIALTY CONTRACTS







CHS SunPrairie offers a wide assortment of contracting options for our member-owners. These programs range from basic marketing to very sophisticated strategies. Last winter during our "Let's Chat" discussions, and through marketing meetings, our Grain Origination team shared how some of these programs work and how they might fit into your overall marketing plan. As we wrap up another successful harvest, and experience some very nice seasonal highs, it's a great time to revisit some of those strategies and keep our foot on the marketing gas pedal.

When to utilize specialty contracts?

You don't have to be a seasoned marketer to participate. You don't have to sacrifice some hard-earned margin for the best marketing guru to help you out. It really goes back to a fundamental concept that we strongly urge all of our member-owners to develop the minute they determine their planting intentions for the crop year:

First: Know your break-evens Second: Know your targets Third: Make a marketing plan Specialty pricing programs can be used for whatever direction the market is trending. For example, the Minimum Price contract proved to be a nice opportunity this year. Growers received payment for their wheat at harvest, but still were able to reap the rewards of a second check for their wheat should they execute a pricing when the time is right. They are working closely with their CHS SunPrairie Grain Originator to accomplish that.

There are also some great opportunities with our Cash Plus program, which pays a premium for their grain now in exchange for a second set of bushels if a predetermined target price is met.

When to utilize traditional contracts?

We use the term traditional contracts to classify options such as:

Spot: taking the cash price the day you deliver Price fixed: lock a cash price for a certain delivery date Locking in basis

HTA: locking in futures



CHS SUNPRAIRIE grain procurement

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AMBER BLOMS

CHS SUNPRAIRIE

grain procurement

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These programs offer the least amount of risk, but with limited upside potential or reward. If you know your break-evens and target prices, and you can realize those goals using the above traditional methods, you are reaping the rewards of being proactive in developing a marketing plan while not risking much in doing so. The 2020 soybean harvest prices were a perfect example of this scenario.

No matter your previous experience or comfort level, the experienced team of Grain Originators at CHS SunPrairie is committed to helping you manage your risk and maximize your earning potential through the variety of programs available. We will be with you every step of the way and want to see your operation have one of it's most profitable crop years yet!

You can find information on all of our contracting/pricing programs on our website under the "Grain" tab. After you find that information, we strongly encourage you to reach out to the Grain Origination team and talk about each option in a little more detail. We want nothing more than

to be an active part of your solution to a profitable marketing year. We have the knowledge and the tools to do exactly that!

www.chssunprairie.com

GRAIN ORIGINATION TEAM

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TYLER ELLSWORTH DAKOTA AGRONOMY PARTNERS agronomy sales rep

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PLAN NOW FOR A SMOOTHER SPRING

I have been with Dakota Agronomy Partners in Bowbells for six years. I started out in the warehouse and as a crop scout intern for the first three years, and I have been an agronomy sales rep for the past three years. I graduated from Kenmare and my family is from the Bowbells area, so it feels like working at home.

With another harvest in the books, it's time to start planning for next year. Getting together with your agronomist and creating a farm plan will help operating in the spring go smoothly. Choosing the right seed varieties and soil testing, to ensure you have the right fertility in your soil, is a good place to start. Booking your seed and crop nutrients early will ensure you get the best possible price. By utilizing early booking programs, that are available now, you ensure you get all the possible rebates and discounts.

Agellum is a program offered by Dakota Agronomy Partners to help you plan for the upcoming spring, while keeping all your inputs organized. Agellum offers the ability to plug in seed, crop nutrients, crop protection products, fixed and variable costs, and much more. You can then keep track of what each field had seeded and applied to them in previous years and keep a good record using this easy-to-use program. This is especially important in my area where herbicide carryover is a major factor in planning for the next year. Agellum has the ability to work with Climate FieldView as well. Agellum will help you keep your farm records and farm plan in one easy to use place. Talk to your ASR about the benefits of Agellum.

I hope everyone has a safe winter, we look forward to working with you soon to help you plan for the next year.









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KATHY GONZALEZ

ENERBASE
energy manager





ENERGY UPDDATE

After months of low/flat diesel fuel prices, we are starting to see some strength and positivity in the markets. With hopes of a Covid vaccine and OPEC talks of making some production cuts, we saw a 15¢ spike in fuel and gas prices in early November.

Enerbase offers fuel contracting. You can lock in all or part of your fuel needs, with no money down. We can go out as far as 12 months, and if the markets continue to climb, this might be the time to lock in a price on your fuel needs. Please call either of us if you'd like more information on contracting or to get fuel quotes.

GIFT CARDS FOR GALLONS

This year's Cenex Gift Cards for Gallons program started November 1st and will run through February 28, 2021. Customers can earn one \$50 VISA gift card for every 100 gallons of qualifying lubricant and grease products purchased.

Eligible lubricant products include:

- Irriflex
- Maxtron DEO
- Maxtron Enviro-EDGE
- Maxtron GL
- Maxtron THF
- •MP Gear Lube
- •Qwiklift HTB
- •Superlube 518
- Superlube TMS

Eligible grease products include:

- •Corn Head Grease
- HD Moly Xtreme
- •Poly-Xtreme
- •Maxtron EP
- •Blue Guard 500+
- •Molyplex 500+
- •Fluid Gear Grease
- •ML 365
- •Red Protect XT
- Maxtron FS







The petroleum staff would like to thank all of our customers for your business and we look forward to serving any or all of your petroleum needs in 2021!

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Learn how the flowability of this new spherical granular inoculant can help you get a more accurate calibration, better in-furrow placement and higher yields.





Contact your Lallemand Plant Care Sales Representative to discover the future of inoculants.

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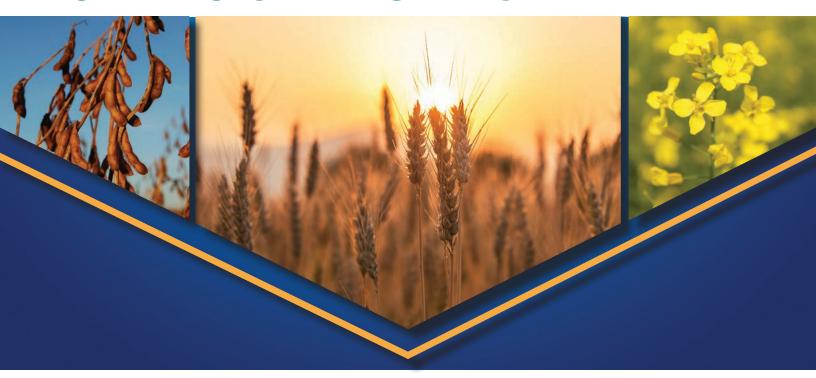


ZACH MEHL DAKOTA AGRONOMY PARTNERS agronomy sales rep

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FINDING THE 701.527.0672 **BEST SEED** VARIETIES AND TRAITS FOR YOUR ACRES



We are finally in the home stretch of 2020, and I think all of us can be thankful for that! Even with all the obstacles that 2020 has thrown at us, this year was a night and day difference from what we all went through a year ago, trying to get harvest wrapped up. As I write this article in mid-November, everything in our area is harvested, versus last year when there was still a little bit of everything left in the field. Now that harvest is wrapped up it is already time to start thinking about next year.

Starting with small grains, we had some pretty good yields this year, with the later-seeded wheat seeming to outperform the early-seeded wheat in some areas. The later wheat caught some of that much needed rain that we received in June. As always, if you are going to keep seed in the bin for next year, I would encourage you to bring a sample in to your local seed plant. If you are looking for new seed, we have a great line up of wheat varieties that are chosen for our specific region.

We have a full lineup of Xtend and Enlist E3 soybeans for the upcoming growing season. I am sure all of you heard that Xtendimax had its label pulled early in June, which made for an interesting spraying season. Then in early November the EPA approved the new label and you will be able to spray Xtend in crop. In the Velva area we have seen good weed control with both Dicamba and the Enlist systems.

I encourage you to have the conversation with your agronomy sales rep and pick out which herbicide trait will work best for your farm. Also, take some time to go through some of this year's yield data with them. We've had a lot of good data coming in, showing some strong hybrids for all of our major crops. I hope you all have a great and safe Holiday season and I look forward to working with you in the upcoming 2021 growing season!



CRAIG GIROUX **ENERBASE COOPERATIVE RESOURCES** equipment sales

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1 701.852.2501

THE RIGHT INVESTMENT

In the world of agriculture efficiency and productivity have always been two important factors which are key in helping add dollars to the bottom line. When choosing equipment it can be difficult to decide which manufacturer, size or type of machine is the best investment for your operation. There are many factors that people look at including price, capacity, accuracy, efficiency, reliability and availability. If you are looking at updating a piece of equipment, or would like information on one of the many lines of equipment Enerbase sells, give us a call. Over the last few years we have worked very hard to partner with the best equipment lines to help meet the needs of our producers. We also work hard to get the best pricing on equipment so we can pass the savings on to you. Not only do we pass the savings on to you, but we also pay dividends on all purchases you make with us. Another great benefit of doing business with a cooperative!

2020 has been a crazy year, but it has been exciting to see the growth we have experienced, thanks to many of you. One piece of equipment we saw a significant growth in was the Degelman Pro-till. This high-performance tillage tool proves time and time again that it can be a game-changer for many operations. The durability and efficiency of this tool have improved many operations, and it is always fun to hear the testimonials from the owners of Pro-Tills.

The next machine I want to talk about is the Vaderstad Seed Hawk air seeder. This machine is the leader in sectional control and also has some of the lowest maintenance costs, making it a high-demand piece of equipment this past year. When making a large investment on an air seeder, it should deliver some of the best accuracy, but also deliver savings to improve your margins year after year.



THE RIGHT BRAND THE RIGHT SIZE FOR YOUR OPERATION

It seems like we skipped summer altogether and went right from seeding to harvest. Augers were also in high demand this year. Westfield has long been the industry leader and this year the large augers were the popular model. The MKX with the rigid backbone seemed to be what everyone wanted.

With every harvest comes the need for more on-farm storage, and Meridian smoothwall bins are a great option. This year's high yields in our region made it another great year for bin sales.

The final piece of equipment I want to mention is the Fantini header. This is a newer line for us and it has proven to be another great addition. Fantini has the best warranty in the industry and the efficiency is unbeatable.

Last but not least I want to thank all our patrons for an incredible year and letting us help you choose the right piece of equipment for your operation's needs!





TONY SMITH
CHS SUNPRAIRIE
broker/grain procurement

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FINDING A SUCCESSFUL COMBINATION FOR MARKETING YOUR GRAIN

What a difference a year can make. While the 2019 harvest was plagued with weather delays, we were able to make it through the 2020 harvest with very few interruptions, allowing the crops to come off with good quality. This, along with a rally in the futures markets, provided some great opportunities to sell off the combine and develop plans for future marketing strategies. Knowing break-evens and being able to sell when you want to instead of selling when you

have to has proven to be a successful combination.

We offer many different contracting options from traditional to specialty options. We may not be able to meet in person as much as we would like due to Covid, but please don't hesitate to call our procurement team with any questions or ideas you may have to help develop a marketing plan that you are comfortable with. Have a safe and happy New Year!



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HEALTHY AND HEAVY CALVES

MARKET WELL **EVERY TIME**

2020 has been a year full of trials within all industries, and the livestock industry is no exception. With fluctuating markets due to demand inconsistency, it's hard to know how exactly to move forward. What we do know, is that healthy and heavy calves will market well every time. As a feed team, our goal is to help you in any way we can to achieve the goals you have set for your herd come sale day.

With a large selection of "staple" mineral and supplement formulations, and the ability to customize them to be tailored to your operation, we have the ability to meet your individual needs. One of the best ways to pinpoint if a "special blend" is what will work best for you, is to sample your silage and forages. Generally, we receive these sample results within a week of their submission. Once received, our Nutrition Consultants are able to formulate rations that are specific to your operation and each class of cattle that you're feeding.

We have a couple new offerings that have started this fall. The first is our bulk mineral purchasing opportunity. We are now able to offer our customers a discount on mineral if you are willing to take four or more ton at a time. This would be delivered directly to your yard from out plant in Edgeley. Secondly, we've started a text line! We plan to send out notifications on promotions and any other topics that we think you might benefit from knowing. If you'd like to be added to this list, please contact Evie at the number listed above.

As always, we thank you for your patronage and look forward to working with you and your herds in 2021.







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seeds

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Aspire

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JEREMY FORD **ENERBASE COOPERATIVE RESOURCES** parts & hardware associate

eneragpartshardware@srt.com

701.838.7319

WE ARE NOW A CERTIFIED Husqvarna Dealer

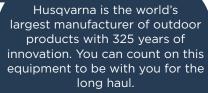
It is that time of year where temperatures have dropped and preparations are being made for the snow to fall. We are here to help you make this winter be a little easier by clearing out the last of our Toro snowblower stock at holiday prices. Give us a call at the store to see what we have left in stock and the major discounts we are giving! What better gift in North Dakota than the gift of never shoveling the driveway again!

We are transitioning from carrying the Toro line of equipment to now being a Husqvarna certified dealer for lawn, garden and snow equipment. We will have more exciting news and products to come, so make sure to "Like" and "Follow" us on Facebook for all updates in our hardware department, and for our cooperative as a whole!









From professional equipment to affordable consumer options, Husqvarna offers an array of products with superior design and unmatched performance.











to our 2020 Scholarship recipients

Brynlee Ganskop Bowbells High School

Attending BSC for a degree in Ag Technology

Kristopher Vandemark MLS High School

Attending NDSCS for a degree in Diesel Technology Jade Lohnes Velva High School

Attending UND for a degree in Accounting

Javen Adams MLS High School

Attending BSC for a degree in Agronomy

Enerbase is once again awarding eight \$1,000 scholarships!

To be eligible the applicant or his/her guardian must be a current, voting patron member of Enerbase.

(Must have done at least \$2,500 worth of business in 2020 to qualify as a current, voting member)

Scholarships are awarded to students entering their first semester of college.

Deadline to apply is February 12, 2021

The application is available on the Enerbase website under the About Us section or students can pick one up at the Enerbase office or from their school counselor.

Contact Jayme Burkhart with any questions at 852-2501



205 46th Ave NE | Minot, ND 58703 www.enerbase.coop



20 PLOT DATA

Partners

LIGNITE PLANTED: 5/13 HARVESTED: 8/24 HAZEN PLANTED: 5/21 HARVESTED: 9/3

Pop: 135,000 Plot Size: 2.6 ac Soil pH: 6.5 Plot Size: 1.5 ac Soil pH: 6.7-7.2 Pop: 105 lb

Prev Crop: Canola Row Width: 7.5" Prev Crop: Wheat Row Width: 7.5" Pre-Herb: Glyphosate + Prepare Pre-Herb: Glyphosate, 24D, Dicamba

Post-Herb: Huskie + Axial Star Fung: Prosaro 6.5 oz/ac Post-Herb: Widematch, Affinity, Parity Fert: Urea + Contain 250 lb/ac + MESZ + Levosol 60 lb/ac Fert: MFS 10 90 lb/ac + 0-0-60 10 lb/ac

Brand	Variety	Dockage	Protein	Moisture	Test Wt	Adj Yield	Rank
Allegiant	822	1.4	14.0	10.8	65.4	86.1 Bu	1
Allegiant	8432	0.7	13.0	10.6	65.2	73.1 Bu	4
WestBred	9590	0.6	13.3	10.5	65.5	75.8 Bu	3
WestBred	9719	1.3	12.6	11.3	66.3	77.5 Bu	2
SY	McCloud	0.9	14.0	10.5	65.6	62.5 Bu	6
SY	Ingmar	1.1	14.0	10.9	64.8	62.0 Bu	7
SY	Longmire	0.8	12.6	10.5	65.1	66.7 Bu	5

Brand	Variety	Dockage	Protein	Moisture	Test Wt	Adj Yield	Rank
Allegiant	822	1	15.6	11.8	62.6	66 Bu	1
Allegiant	8432	0.5	16.0	11.7	62.7	56.3 Bu	3
WestBred	9590	0.7	16.3	11.4	60.7	50.1 Bu	6
WestBred	9719	1.2	16.2	12.1	59.8	55.5 Bu	4
SY	McCloud	1.1	16.0	11.5	61.5	49.5 Bu	7
SY	Ingmar	1.2	16.2	11.9	60.7	50.3 Bu	5
NDSU	Glenn	1.3	15.4	13.4	62.8	63.7 Bu	2

CORN

Brevant

86Y02AM

86

17.0

54.4

101.1 BU

25

HAZEN PLANTED: 5/21 HARVESTED: 10/28 WASHBURN PLANTED: 5/19 HARVESTED: 10/9

Pop: 27,500 Plot Size: .17 ac Row Width: 30" Pop: 28,000 Plot Size: .3 ac Row Width: 30" Prev Crop: Soybeans Pre-Herb: Glyphosate Prev Crop: Wheat Pre-Herb: Glyphosate

Post-Herb: Glyphosate Post-Herb: Diflexx + Atrazine

Fert: 5G 10-34-0 + Levesol Zn starter + 120lb N

Fert: 5G 10-34-0 + 1 qt Zn + 170 lb N + 58 lb P205 +

(NH3)=90lb + MES 10 + 10 lb 0-0-60 58 lb K20 + 14 lb S

Brand	Variety	RM	Moisture	Test Wt	Adj Yld	Rank
Dekalb	31-85	81	16.6	53.5	119.4 BU	16
Dekalb	32-12	82	14.9	56.2	117.4 BU	18
Dekalb	33-37	83	16.5	56.1	125 BU	10
Dekalb	35-88	85	17.3	55.2	114.8 BU	19
Dekalb	36-48	86	16.4	54.2	133.6 BU	7
NK	8005	80	18.1	55.2	121.9 BU	14
NK	8204	82	19.3	54.3	107.2 BU	23
NK	8519	85	19.2	54	128.5 BU	9
NK	8618	86	20.9	53.4	125 BU	10
Allegiant	8020	80	17.4	55.6	112.8 BU	20
Allegiant	8187	81	16.7	56.3	138.2 BU	5
Allegiant	8280	82	17.8	55.4	105.2 BU	24
Allegiant	8330	83	16.4	54.1	120.9 BU	15
Allegiant	8311	83	16.9	55	0	26
Allegiant	8521	85	18.3	54.3	136.2 BU	6
Allegiant	8537 EXP	85	19.3	54.1	147.3 BU	2
Allegiant	8734	87	17.7	53.4	150.9 BU	1
Croplan	2123	81	15.5	56	142.3 BU	3
Croplan	2315	83	20.9	52.5	124.5 BU	13
Croplan	2790	87	21.4	51.9	142.3 BU	3
Croplan	2845	88	18.9	52.5	132.1 BU	8
Brevant	82J92AM	82	16.1	53.4	125.0 BU	10
Brevant	83K86AM	83	17.8	52.4	118.9 BU	17
Brevant	83M75PW	83	16.4	55.4	109.2 BU	21
Brevant	85R88AM	85	20.0	51.7	109.2 BU	21

Brand	Variety	Dockage	Moisture	Test Wt	Adj.Yld	Rank
Allegiant	8311	NA	12.6	NA	114.7bu	14
Allegiant	8537	NA	12.3	NA	111.6bu	15
Allegiant	8734	NA	11.6	NA	117.5bu	12
Croplan	2315	NA	12.2	NA	116.1bu	13
Croplan	2845	NA	12.2	NA	131.5bu	4
Croplan	2790	NA	12.4	NA	119 bu	10
NK	8514	NA	14.8	NA	108.7bu	17
NK	8618	NA	15.5	NA	122.9bu	9
NK	8881	NA	15.6	NA	104.4bu	18
Brevant	82J92AM	NA	15.5	NA	102.2bu	20
Brevant	83K86AM	NA ^{9X4}	15.2	NA	103.2bu	19
Brevant	85R88AM	NA	14.7	NA	109.1bu	16
Brevant	86Y02AM	NA	14.5	NA	118.4bu	11
Brevant	86K08	NA	13.1	NA	125.3bu	8
Dekalb	31-85	NA	11.2	NA	131.5bu	3
Dekalb	32-12	NA	10.5	NA	131.9bu	2
Dekalb	33-37	NA	12.3	NA	130.2bu	5
Dekalb	35-88	NA	12.2	NA	129.8bu	6
Dekalb	36-48	NA	12.8	NA	138.1bu	1
Dekalb	37-86	NA	13.5	NA	126.4bu	7

SAMUEL LINCOLN

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PLANTED: 5/26 **HAZEN** HARVESTED: 10/19 Pop: 25,000 Plot Size: .07 ac Row Width: 30"

Prev Crop: Soybeans Pre-Herb: Spartan Charge

Fert: No fertilizer applied

Brand	Variety	TW	Oil	Moisture	Yield	Rank
Croplan	450 E	31	44.4	11.7	2282 lb/A	4
Croplan	455 E	31.5	46.3	12.3	2234 lb/A	6
Brevant	8H131CL	32.5	46.7	9.8	1904 lb/A	7
Brevant	8M380E	31.5	45.5	11.8	2297 lb/A	3
Brevant	8M390E	31	45.4	10.9	2549 lb/A	1
Brevant	8M395DM	30	45.2	10.5	2313 lb/A	2
Brevant	8H460CP	32	48.1	16.3	1794 lb/A	8
Brevant	8H477CL	32.5	42.4	14.4	2266 lb/A	5

NORMA PLANTED: 5/18 HARVESTED: 8/29 Pop: 5.2 lb/A Plot Size: 1.9 ac Prev Crop: Wheat

Post Herb: Liberty

Fert: 125 lb NH3 + 75 lb MicroE S15

Brand	Variety	Adj Yield	Rank
Croplan	Experimental	1950 lb	4
InVigor	233 P	2280 lb	1
InVigor	255 P	2270 lb	2
InVigor	345 P	2150 lb	3

CORN

RUGBY PLANTED: 5/28 HARVESTED: 10/9 Pop: 32,000 Plot Size: .08 ac Row Width: 20" Prev Crop: Pinto Beans Post-Herb: Volley + Glyphosate Fert: 5G 10-34-0 + Zn + 141 lb N + 42 lb P205 + 48 lb K20 + 19 lb S

Brand	Variety	Dockage	Moisture	Test Wt	Adj Yld	Rank
Allegiant	8020 VT2P	0.9	16.5	51.3	90.0 Bu	6
Allegiant	8280 VT2P	0.5	18.1	51.1	66.1 Bu	9
Allegiant	8311 VT2P	0.8	17.6	52.1	88.1 Bu	7
Allegiant	8537 VT2P	0.6	19.1	50.3	103.9 Bu	2
Brevant	82J92AM	0.6	19.7	48.5	84.3 Bu	8
Brevant	83K86AM	0.5	16.8	48.8	92.7 Bu	5
Brevant	85R88AM	0.8	17.2	49.2	101.9 Bu	3
Brevant	86Y02AM	0.7	17.2	51.8	92.9 Bu	4
Brevant	87R93Q	0.9	17.6	49.1	105.3 Bu	1

LIGNITE PLANTED: 5/22 HARVESTED: 9/25 Pop: 185,000 Plot Size: .15 ac Row Width: 7.5"

Prev Crop: Canola Pre-Herb: Glyphosate Post-Herb: Glyphosate Fert: 40 lb MESZ

Brand	Variety	Moisture	Test Wt	Adj Yield	Rank
Brevant	0090EE	8.2	58.7	14.90	6
Asgrow	00937	8.2	58.8	14.40	8
Asgrow	OO5X1	8.2	58.3	15.80	4
Asgrow	OO7X0	7.9	58.4	18.20	1
Asgrow	OO9X8	8.4	58.4	17.60	2
Allegiant	OO8X30N	7.9	58.3	14.70	7
Allegiant	OO9X41	7.8	59.1	15.20	5
Pioneer	OOA49X	8.0	58.3	15.80	3

Thank you to all of our plot cooperators who help us obtain this valuable data each year with our plots!

SOYBEANS

MINOT PLAI Pop: 203,000 Plot

PLANTED: 5/28 HARVESTED: 10/9
Plot Size: .4 ac Row Width: 30"

Prev Crop: Soybeans Post-Herb: Glyphosate

Brand	Variety	Maturity	Moisture	Test Wt	Adj Yield-13%	Rank
Credenz	0309	0.3	9.3	55.6	25.1 Bu.	26
Credenz	O419	0.4	8.3	55.8	24.7 Bu.	27
Credenz	O590	0.5	8.8	56.8	31.1 Bu.	17
NK	006R7X	00.6	7.8	57.1	29.6 Bu.	22
NK	008-E3	00.8	8.0	57.3	32.6 Bu.	15
NK	S01-C4X	0.1	8.0	58.0	32.8 Bu.	14
NK	S02-E3	0.2	8.0	57.0	28.3 Bu.	24
NK	\$02-F9X	0.2	8.0	57.4	35.8 Bu.	3
NK	S03-E3	0.3	8.0	57.3	36.3 Bu.	100
NK	\$04-Q7X	0.4	8.0	58.3	32.03 Bu.	12
Brevant	OO90EE	00.9	7.8	58.4	33.3 Bu.	8
Brevant	OOOEE	0.0	7.9	56.4	30.8 Bu.	20
Brevant	019EE	0.1	8.0	56.7	35.9 Bu.	2
Brevant	040EE	0.4	8.2	57.2	29.4 Bu.	23
Brevant	049EE	0.4	8.2	56.4	33.0 Bu.	10
Brevant	O49RX	0.4	8.0	57.9	33.6 Bu.	7
Brevant	079EE	0.7	8.0	54.4	29.9 Bu.	21
Allegiant	OO8X30N	00.8	7.7	57.7	30.9 Bu.	18
Allegiant	OO9X41	00.9	7.7	56.8	34.3 Bu.	5
Allegiant	O1E23	0.1	8.0	56.7	32.8 Bu.	13
Allegiant	O2E34	0.2	7.8	57.8	33.9 Bu.	6
Allegiant	02X21N	0.2	7.8	57.5	32.2 Bu.	16
Allegiant	O3E21	0.3	8.0	57.9	35.0 Bu.	4
Asgrow	009X0	00.9	7.8	57.9	26.6 Bu.	25
Asgrow	01X9	0.1	8.0	58.8	33.9 Bu.	9
Asgrow	02X8	0.2	7.8	57.6	33.9 Bu.	11
Asgrow	03X7	0.3	9.1	58.2	30.4 Bu.	19

HAZEN PLANTED: 5/21 HARVESTED: 10/28

Pop: 170,000 Plot Size: .2 ac Row Width: 30"

Prev Crop: Corn Pre-Herb: Glyphosate

Post-Herb: Glyphosate

Fert: 5G 10-34-0 + Levesol Zn 48 oz

Brand	Variety	Dockage	Moisture	Test Wt	Adj Yield	Rank
Asgrow	O1X9	0.1	10.9	57.4	39.60	14
Asgrow	O2X8	0.5	11.3	57.5	44.60	2
Asgrow	O3X7	0.3	11.5	57.5	41.90	7
Asgrow	O5X9	0.1	12.0	58.0	44.50	3
NK	S01C4X	0.5	11.6	58.0	36.40	21
NK	S03S6X	0.3	11.5	58.1	40.20	13
NK	S04Q7X	0.1	11.5	58.2	38.20	17
Allegiant	O2E34N	0.2	12.7	58.0	36.10	22
Allegiant	O2X21N	0.1	12.0	58.0	41.60	8
Allegiant	O3E21	0.1	12.3	57.1	35.70	23
Allegiant	O4X08N	0.2	11.8	57.3	37.80	18
Allegiant	O5X50N	0.4	11.5	58.5	37.50	19
Allegiant	O5E42	0.1	12.4	57.5	36.80	20
Croplan	O200	0.2	11.9	58.4	40.30	11
Croplan	O400	0.2	12.3	58.0	42.20	6
Credenz	O309	1	13.3	57.5	40.30	10
Credenz	0419	0.5	13.4	57.7	43.10	4
Credenz	O590	0.5	13.8	58.5	38.30	16
Brevant	OO90EE	0.5	12.1	58.5	40.20	12
Brevant	O19EE	0.2	14.0	57.2	39.50	15
Brevant	O40EE	0.1	13.1	57.5	41.30	9
Brevant	O49EE	0.3	13.3	57.6	42.80	5
Brevant	O49RX	0.1	12.7	57.3	47.80	1

NORMA PLANTED: 5/27 HARVESTED: 10/5
Pop: 180,000 Plot Size: 1.9 ac Row Width: 7.5"

Prev Crop: Wheat Pre-Herb: Glyphosate

Brand	Variety	Dockage	Moisture	Test Wt	Adj Yield	Rank
Croplan	OO729E	0.6	12.6	57.8	32 Bu	7
Asgrow	007X0	0.8	10.3	59.1	37 Bu	1
Asgrow	OO9X8	0.7	10.9	59.9	32 Bu	5
NK	SO07Y4	0.7	11.1	60.1	34 Bu	3
Brevant	OO90A1	0.6	13.5	58.9	29 Bu	8
LG	SO111RX	0.7	11.2	59.3	34 Bu	4
LG	SOO899RX	0.7	11.4	59.1	32 Bu	6
Allegiant	OO9E71	0.8	12.6	59.4	24 Bu	9
Allegiant	OO9X8	0.8	10.3	59.3	35 Bu	2
Allegiant	O1E23	0.8	12.6	59.3	24 Bu	10

NORWICH PLANTED: 5/27 HARVESTED: 10/2

Pop: 190,000 Plot Size: .07 ac Row Width: 7.5"

Prev Crop: Canola Pre-Herb: Glyphosate Post-Herb: Glyphosate Fert: 11-52-0 50 lb/ac

Brand	Variety	Dockage	Moisture	Test Wt	Adj Yield	Rank
Croplan	OO729E	0.6	12.6	57.8	32 Bu	7
Asgrow	007X0	0.8	10.3	59.1	37 Bu	1
Asgrow	OO9X8	0.7	10.9	59.9	32 Bu	5
NK	SO07Y4	0.7	11.1	60.1	34 Bu	3
Brevant	OO90A1	0.6	13.5	58.9	29 Bu	8
LG	SO111RX	0.7	11.2	59.3	34 Bu	4
LG	SOO899RX	0.7	11.4	59.1	32 Bu	6
Allegiant	OO9E71	0.8	12.6	59.4	24 Bu	9
Allegiant	OO9X8	0.8	10.3	59.3	35 Bu	2
Allegiant	O1E23	0.8	12.6	59.3	24 Bu	10



INTRODUCING...







BRADY HAHN

I was born in Canada and moved to ND when I was still young. My first job was working on my uncle's farm when I was 13. I knew I wanted to work in the Ag industry from then on. I went to NDSU and earned a degree in Crop and Weed Science. While at NDSU I worked at the NDSU Forage and Research lab as a Lab Tech. I interned with Enerbase Agronomy in Washburn for two summers prior to coming to DAP after graduation. I am going on my 9th year in the ND Army National Guard as a Signal Support Systems Specialist where I deal with data encryption, radio wave propagation and information technology. In my spare time I enjoy spending time with my girlfriend, working on cars, and mountain biking.

I grew up, and still live on my family farm in Columbus, where I farm with my father. I graduated from Burke Central High School in Lignite in 2018. After high school I attended Bismarck State College and graduated this past May from their Agronomy Industry and Technology program with an Associates in Applied Science degree. During college I was given the opportunity to do a summer internship. Knowing that I wanted to stay close to home, I took the opportunity to do the summer internship here in Lignite. The internship here in Lignite. The internship helped me improve my sales skills and overall agronomy knowledge. After I graduated college, I accepted a position with DAP in Lignite and I'm looking forward to growing and furthering my career here at DAP. During my free time I enjoy many different hobbies including hunting, fishing, dirt track car racing, snowmobiling and many other sports.

of Bottineau and graduated in 2016. After high school I attended North Dakota State University and graudated this past May with a B.S. in General Agriculture, with the main discipline being plant sciences. I started my career with DAP in Newburg as an agronomy sales rep in May this year as well. Newburg is close to home so I was excited for the opportunity, and I am looking forward to furthering my agricultural career with DAP. Some of my hobbies include helping on the family farm with both the cattle and crops, hunting, ice fishing, sports, and spending time with family and friends.

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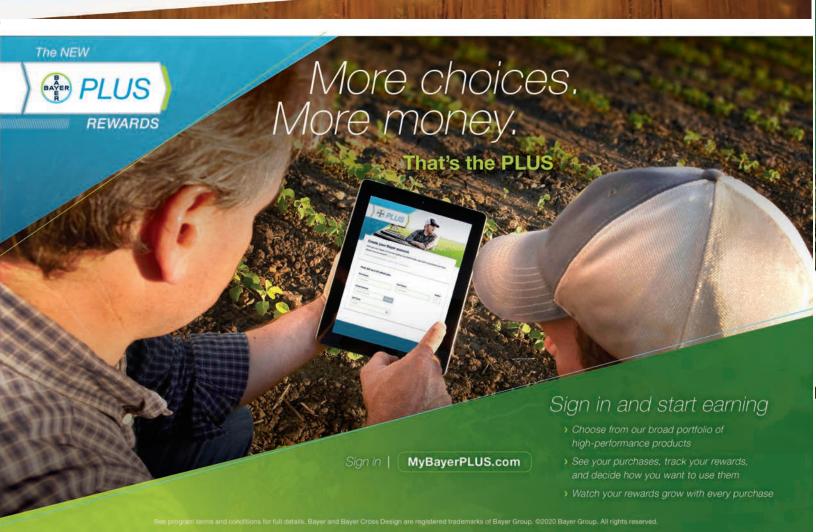
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