



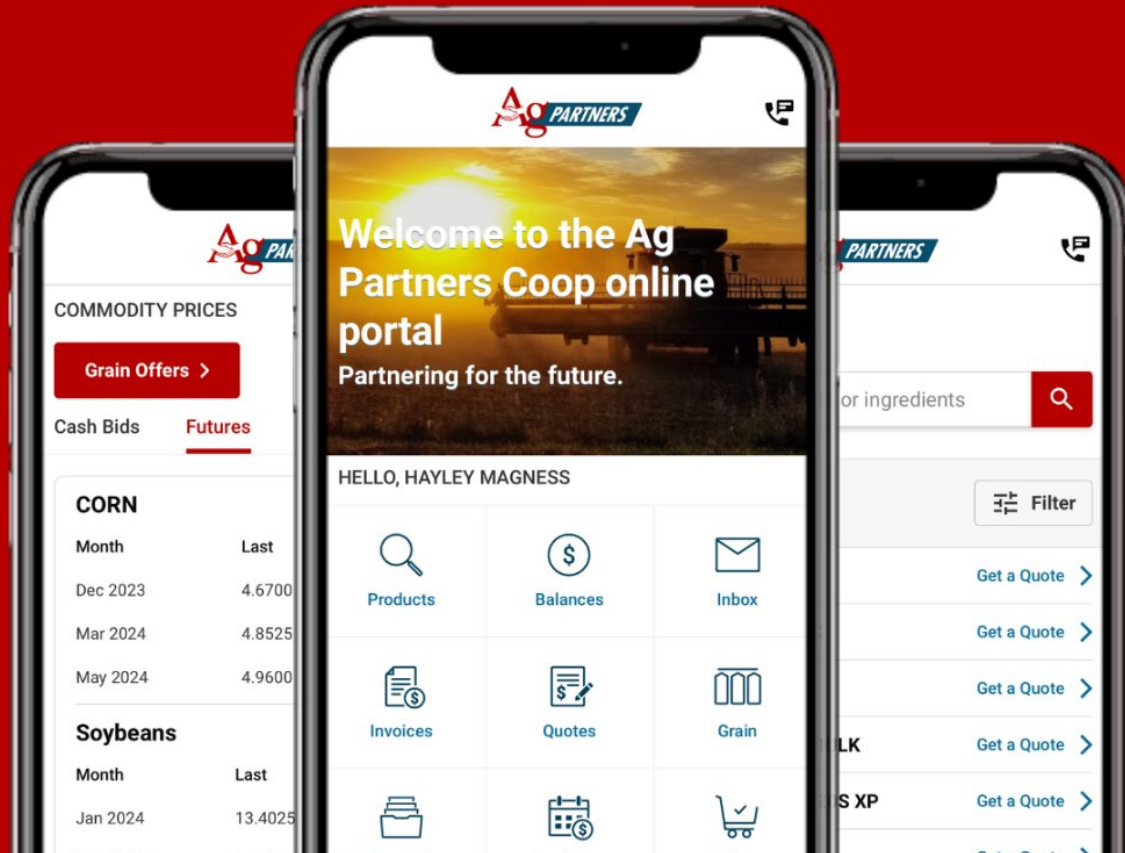
Preparing for Next Year: Fall Season & The Ag Partners Portal

Maria Schmitz, Nicholas Blevins, Kelby
Mestagh & Brice Koch



WELCOME TO YOUR NEW ONLINE PORTAL!

One-Stop-Shop For Easy Operation Management



ACCESSIBILITY

TRANSPARENCY

EFFICIENCY



AG PARTNERS PORTAL



AGRONOMY

- REQUEST QUOTES
- SIGN CONTRACTS
- PAY CONTRACTS BY ACH OR AG PARTNERS ONE-PAY
- PRE-PAY APPLICATION & BALANCE REMAINING

The screenshot shows the AG PARTNERS portal dashboard. At the top, there is a banner for '2026 SEED & AG CHEMICAL PREPAY' with a '3.99% FIXED INTEREST RATE THROUGH 6/30/2026' and a 'Learn More & Sign Up' button. To the right, a red box displays '\$1M SCORECARD' and 'FOUNDED IN 1936'. Below the banner, the user is greeted with 'HELLO, MARIA SCHMITZ'. The dashboard features a grid of 15 icons for various services: Products, Cash Bids, Balances, Inbox, Invoices (with a red notification badge), Statements, Quotes, Grain, Purchase History, Prepay & Bookings, Orders, TruChoice, Energy, Budget Billing, and Payment History. At the bottom, there is a section for 'COMMODITY QUICK LINKS'.

AG PARTNERS PORTAL



GRAIN

- CHECK CASH BIDS
- SIGN CONTRACTS
- VIEW SCALE TICKETS & PROOF OF YIELDS
- SETTLEMENT SHEETS
- GRAIN BALANCES

The screenshot shows the user interface of the AG PARTNERS portal. At the top, there is a banner for a '2026 SEED & AG CHEMICAL PREPAY' offer with a '3.99% FIXED INTEREST RATE THROUGH 6/30/2026' and a 'Learn More & Sign Up' button. To the right of the banner, there is a red section with '\$1M SCORECARD', 'FOUNDED IN 1936', and '10'.

Below the banner, the user is greeted with 'HELLO, SPENCER MACKE'. The dashboard features a grid of 15 icons for various functions:

- Products
- Cash Bids
- Balances
- Inbox
- Invoices (with 18 notifications)
- Statements
- Quotes
- Grain (with 2 notifications)
- Purchase History
- Prepay & Bookings
- Orders
- TruChoice Corteva
- Energy
- Budget Billing
- Payment History

At the bottom, there is a section for 'COMMODITY QUICK LINKS'.

AG PARTNERS PORTAL



ENERGY

- VIEW FUEL TANKS & DELIVERIES
- SIGN CONTRACTS
- PRE-PAY APPLICATION & BALANCE REMAINING

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AG PARTNERS PORTAL



ACCOUNTING

- VIEW PURCHASE HISTORY
- VIEW INVOICES & STATEMENTS
- MAKE PAYMENTS BY ACH OR ONE-PAY

Learn More & Sign Up

SCORECARD 1000 FARMERS

HELLO, MARIA SCHMITZ

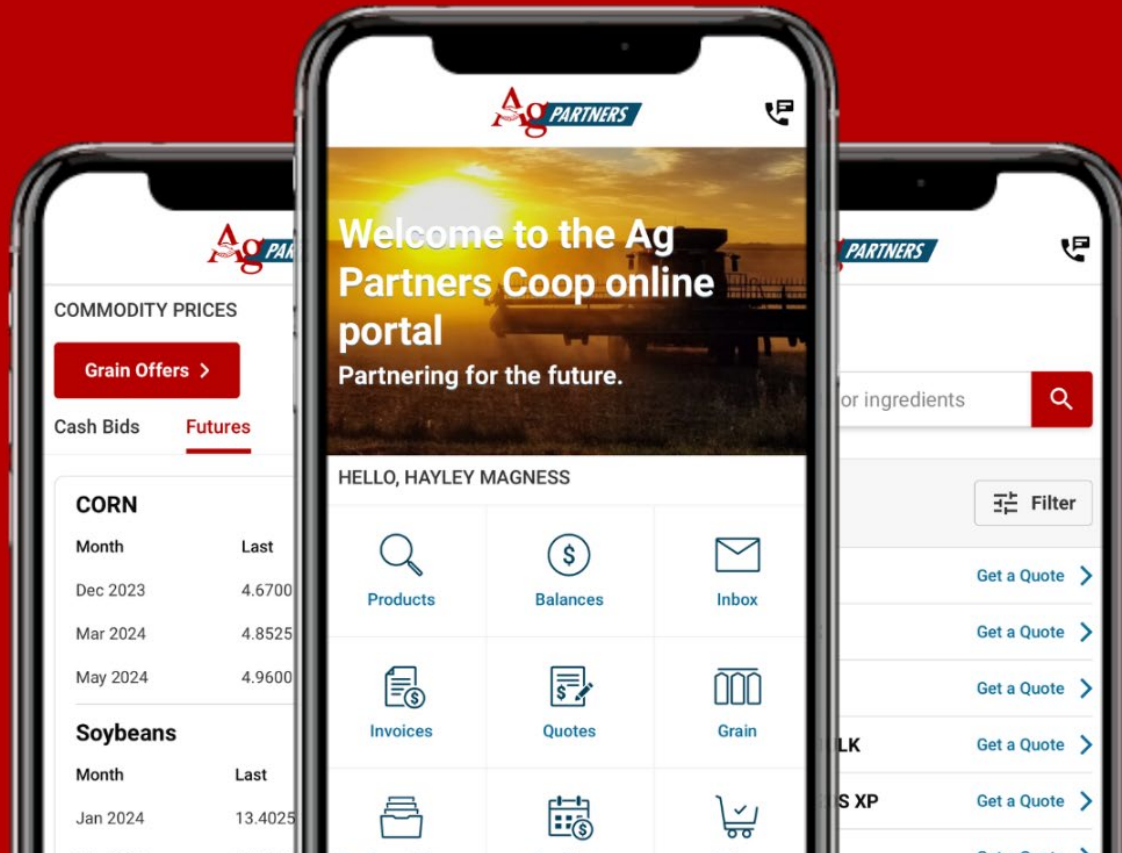
Products	Cash Bids	Balances	Inbox	Invoices ⁷
Statements	Quotes	Grain	Purchase History	Prepay & Bookings
Orders	TruChoice Corteva	Energy	Budget Billing	Payment History

Corteva Energy Budget Billing Payment



WELCOME TO YOUR NEW ONLINE PORTAL!

One-Stop-Shop For Easy Operation Management



2026 Trials

- Stalk Degredation Products
- Fall Spray Timing
- PowerCoat
- Pell Lime
- BioPath

Stalk Degredation



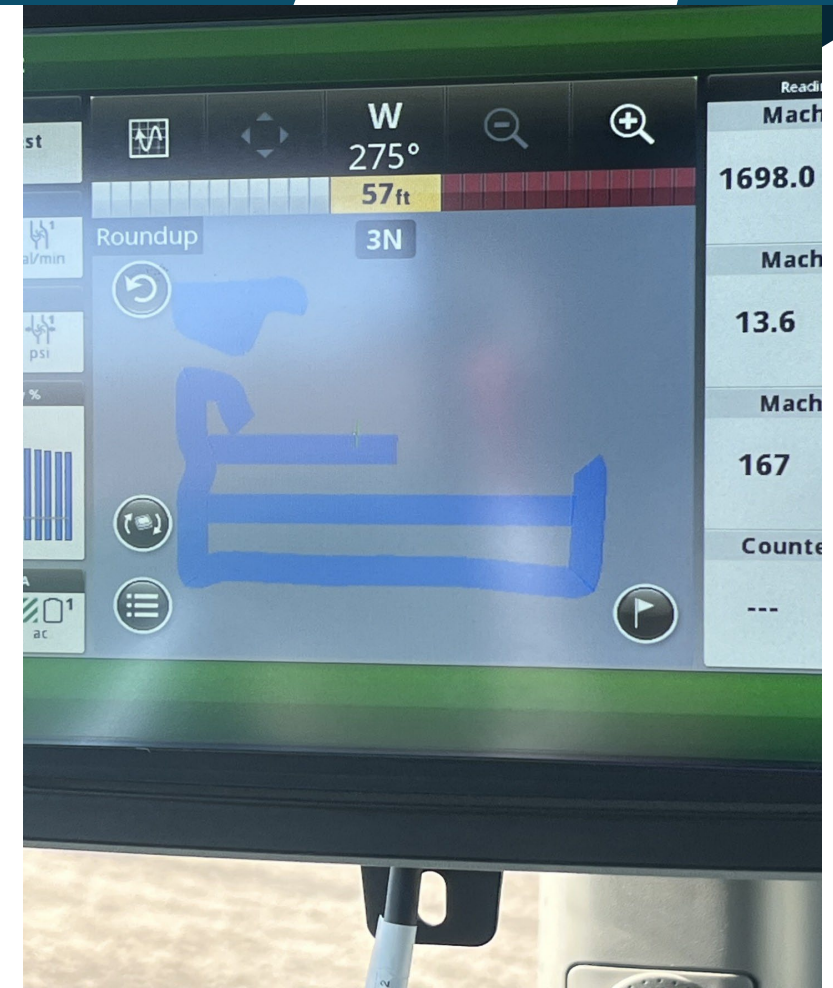
- Rezadone – Brandt
- Waste Away – Prime Dirt
- Amplio - Verdesian
- Meltdown – BW Fusion
- Stalk Stryke- Winfield United
- Also added 3 gallons of 32% every other pass



Fall Spray Timing Trial



- Soybeans harvested 10/16; then chemical was applied
- Sprayed the remaining strips one month later to see difference in spring control



PowerCoat



- Biological fertilizer complement formulated with Plant Growth Promoting Rhizobacteria (PGPR) for healthier, more vigorous plants
- Attaches to phosphorus as it comes out of the plant
- Bacillus strain
- Maximize ROI from fertilizer inputs



Pell Lime



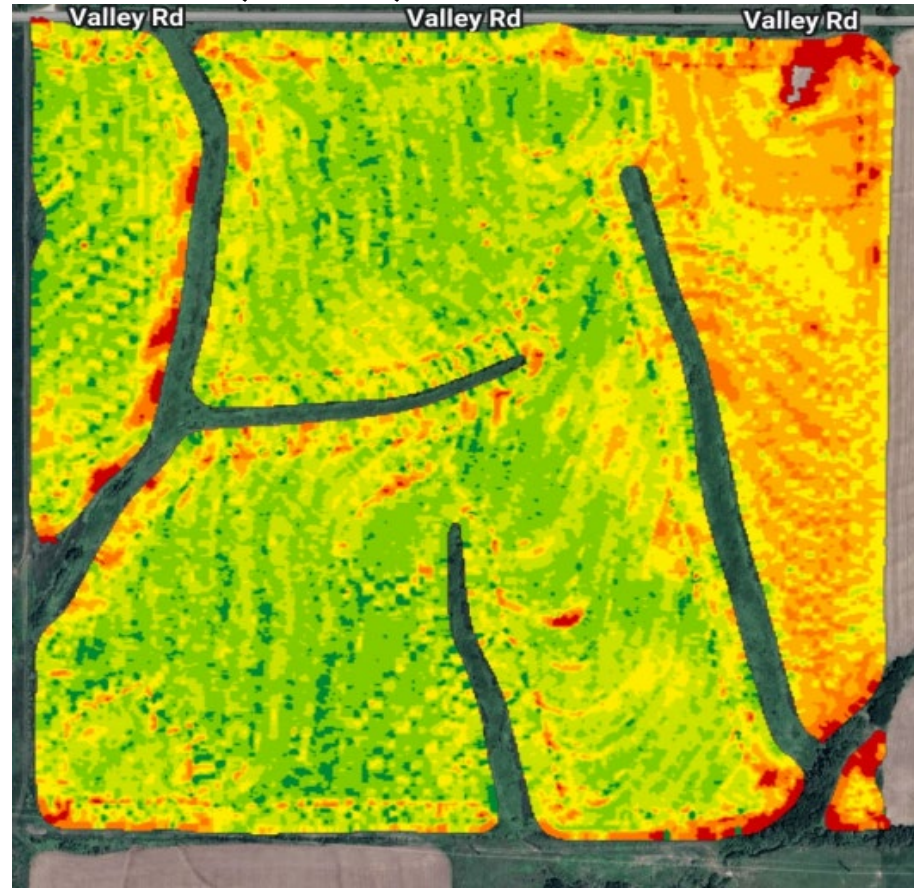
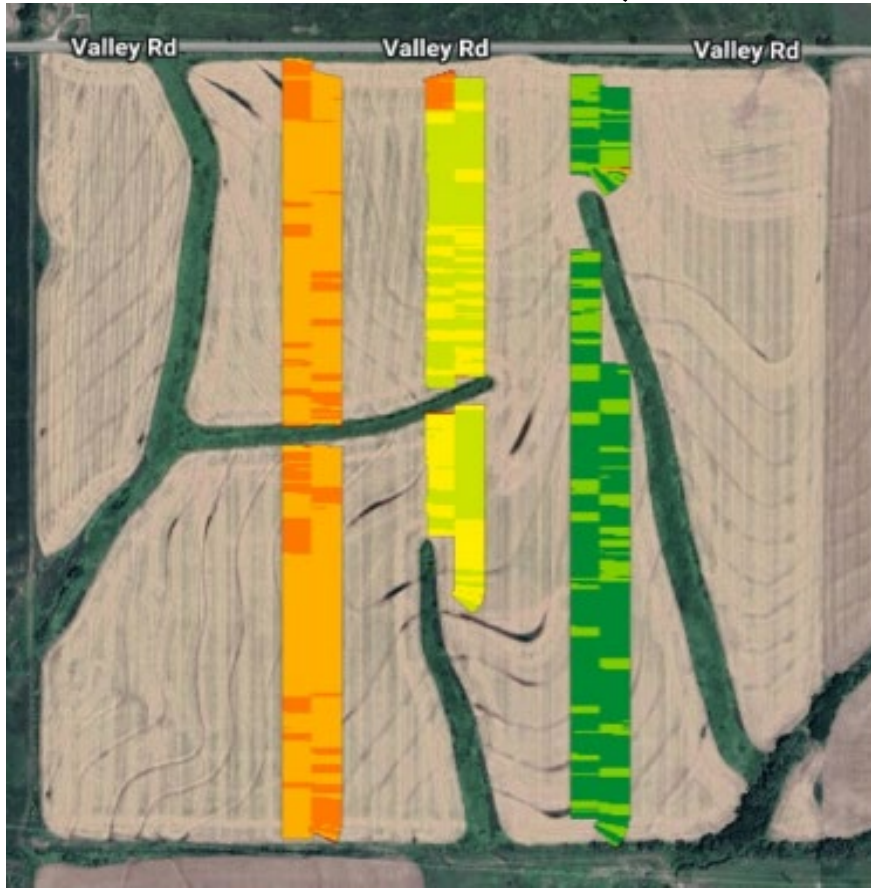
Trial on next slides, ran 3 rates. 150, 220, 400 lbs/ac



Pell Lime



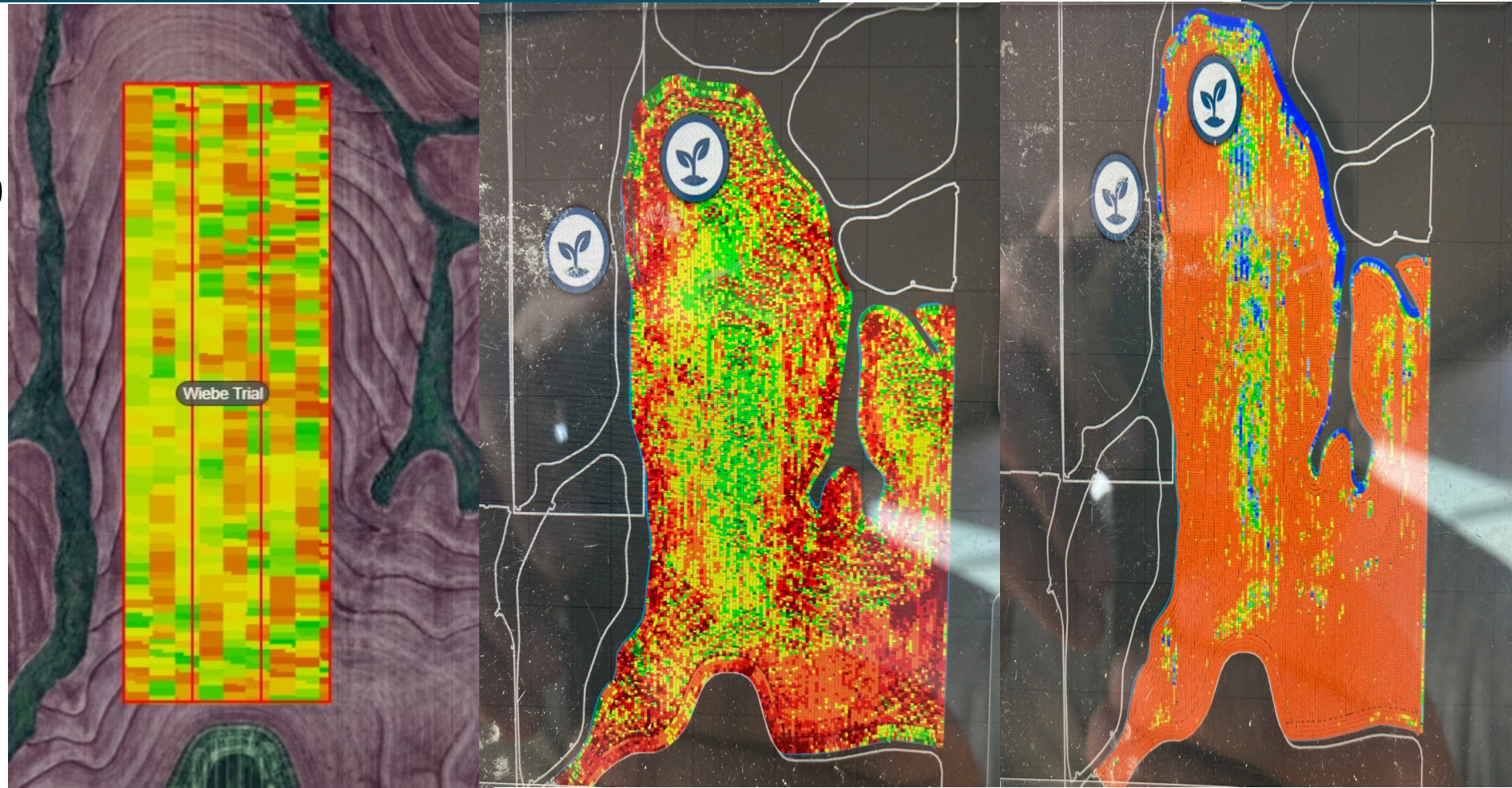
Trial on next slides, ran 3 rates. 150, 220, 400 lbs/ac



Pell Lime



- Applied in Fall 2019 at 150 lbs per acre
- No yield difference in beans 2020
- Corn harvest 2021



Machine Utilization

- Residue Management
- Calibrating Dry Spreaders
- Calibrating NH₃ & Dual Placement Rigs
- Spray Patterns & Tips
- Tillage Practices
- Cover Crop Spreading w/Carrier
- Soil Sampling

Residue Management



- Traps moisture and keeps soil cooler, longer
- Residue can cause hair pinning and poor seed-to-soil contact
- Causes uneven seed depth
- Lost yield potential



Calibrating Dry Spreaders



Pan Test

- Even distribution in vials to determine spread width
- Getting prepared for spring pasture run with Urea/Nitrate



Calibrating NH3



- Calibrating NH3 Raven system
 - $(720 \times y) / 1000 = 648$ (New Cal).
 - y = Total Amount Applied



Calibrating Dual Placement Dry



Calibration Steps:

- **Setup in Display:** Go to the implement setup in your [John Deere](#) display (GRC/GreenStar), name the implement (e.g., SoilWarrior), input width, and select product details.
- **Pre-Charge:** Turn on the master switch, enable hydraulics, and run augers/blowers to get material flowing and fill the system before testing.
- **Catch Test:**
 - Select the "Test" or "Product Calibration" tab on your display.
 - Enter the target amount of product to dispense (e.g., 100 lbs) and start the test.
 - Collect the dispensed material in a container (or catch bins) and weigh it accurately.
- **Enter Measured Weight:** Input the *actual* weight you measured into the display.
- **Calculate/Adjust:** The system calculates a new CFR (Calculated Flow Rate) or adjustment factor. Press enter to save.
- **Repeat:** Perform the test for each hopper/bin if you have multiple, and repeat the process with different products or after major changes.

Spray Patterns & Tips



- Dicamba vs. Liberty
- John Deere Pulsating .06 for Dicamba
- Pulsate A+B nozzles on Liberty using .06+.08
- Evaluate spray patterns when priming booms



Tillage Practices

- **Disk Cultivator**
 - **Vertical till**
 - **High Speed Disk**
 - **Strip-till**
 - **Diamond Harrow**
- Benefits of Tillage
 - Suppress weed pressure
 - Incorporate fertilizer, nutrients, and lime
 - Residue breakdown
 - More even seed bed



Cover Crop Spreading

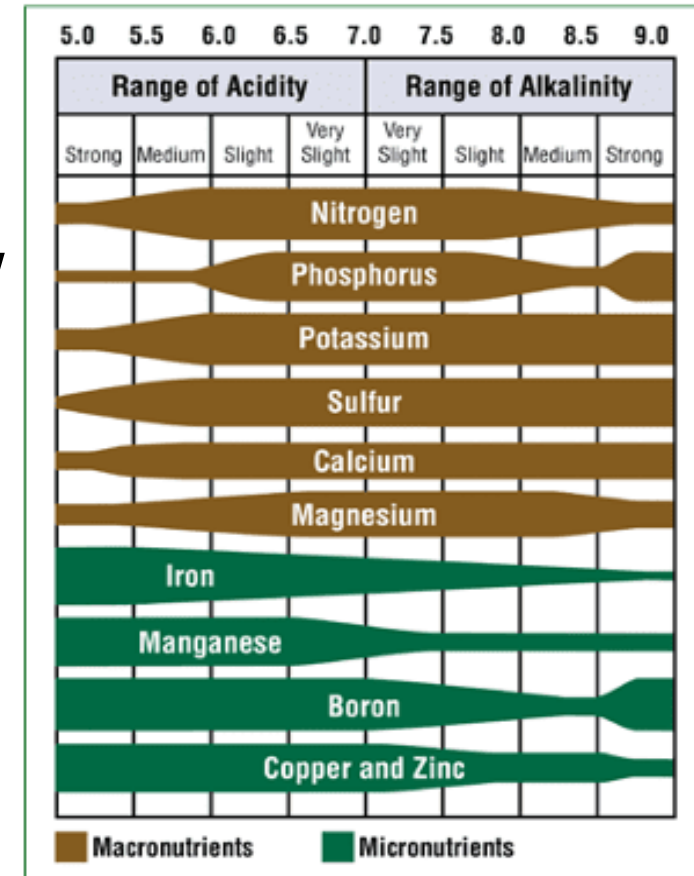
- Minimum carrier of fert 80lbs/ac
 - Phosphates, Potash, Pell lime or Pell gyp as carrier
- Right before a rain for best results
- Narrow swath width



Don't Guess, Soil Test



- Improved input and water-use efficiency
- Reduced soil erosion
- Better soil structure for greater physical stability
- Improved soil aeration
- Higher water drainage and retention
- Greater nutrient absorption
- Increased biological productivity of a field
- Increased yield / net productivity



Fall Products

- Tree Spray Timing
- MAP vs MicroEssentials SZ
- Sulfur Products
- Outlast
- Chemical Recommendations
- Duracor Fall vs Spring
- Fall Pasture Spraying

Tree Spray Timing



- July 1 – Mid-Late September
 - Remedy, GrazonNext, Duracor
- Exception is Locust - Late Spring to Mid-Summer
 - Chaparral, MezaVue, GrazonNext



MAP vs MicroEssentials SZ



MAP (11-52-0)

- Highest source of phosphate
- Less soluble
- Usually slightly cheaper

MicroEssentials SZ (12-40-0-10s-1zn)

- More accurate nutrient spread
- More soluble
- Usually more bang for your buck

Sulfur Sources



- Pell Gyp
 - 22% calcium and 17% sulfur, becomes available within the same crop year, higher volume
- Ammonium Sulfate (21-0-0-24s)
 - Readily available, very fast response time, shot of N with the S
- Elemental Sulfur 90%
 - Breaks down over 3-4 years, cheapest source of N, using around 1/3 of what is put out this year

Outlast



- Contains a monoamine oxygenase inhibitor that delays nitrification, helping prevent nitrate leaching from subsurface fertilizers
- DCD nitrogen stabilizer
 - Low use rate
 - Reduces denitrification with conversion to NH_4
- 5 Quart per ton rate with Anhydrous Ammonia
- 2 Quart per ton rate with liquid nitrogen



Chemical Recommendations



- Dimetric **Liquid** @ 10 oz/ac + Sterling Blue @ 10-12 oz/ac
- 2,4-D @ 12 oz/ac
- Autumn Super @ .3 oz/ac
- Basis Blend @ 1.5 oz/ac

Spring Henbit Pressure



Duracor Fall vs Spring



What are your target weeds?



Fall

Biennials, winter annuals



Spring

Summer Annuals, dogbane, ironweed, small trees, shrubs

Fall Pasture Spraying



Brush Control Application Rate (per acre) and Timing Recommendation for Effective Weed Control

Corteva Range & Pasture

Suggested Recommendation Color Key:

Generally speaking, brush control will always be better when foliar applications are made after mid-June and are made prior to September 1st. Application before mid-June can result in uneven control a year after treatment.

Species	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC
Ash Expect 50% Control						4-8 pts Surmount® herbicide Note: Expect 50% control						
Beech						2 pints Remedy® Ultra + 1 lb 2,4-D or 4 pints Surmount herbicide						
Blackberry Brambles Apply After Fruit Drop							16 fluid ounces of DuraCor® herbicide + 1 pint Remedy® Ultra herbicide Note: Apply After Fruit Drop					
Buckbrush Apply When Buckbrush has 6-8 inches of New Growth				2-3 ounces of Chaparral™ herbicide + 1 quart 2,4-D (Application after June 15 may be ineffective) Note: Apply when Buckbrush has 6-8 inches of new growth								
Cottonwood						4 pints Surmount® herbicide						
Dew Berries Apply at Late Bud Through Bloom							16 fluid ounces of DuraCor® herbicide + 1 pint Remedy® Ultra herbicide Note: Apply at late bud through bloom					
Dogwood						4 pints Surmount herbicide						
Elderberry						16 fluid ounces of DuraCor® herbicide + 1 pint Remedy® Ultra herbicide						
American or Slippery Elms Multiple Year Applications Needed							4-8 pints Surmount herbicide Note: Expect no more than 60% control / Multiple year applications needed					
Hackberry							4 pints Surmount herbicide					
Hawthorne							4 pints Surmount herbicide					
Hedge (Orange) If multiple species such as hedge, locust, hackberry and multiflora rose, use 20 fluid ounces of DuraCor® herbicide + 1 pint Remedy® Ultra herbicide.							16 fluid ounces of DuraCor® herbicide + 1 pint Remedy® Ultra herbicide Note: If multiple species such as hedge, locust, hackberry and multiflora rose, use 20 fluid ounces of DuraCor + 1 pint Remedy Ultra					
Honeysuckle Foliar sprays are generally ineffective.				Basal bark application of 1 part Remedy® Ultra herbicide and 3 parts basal oil Note: Foliar sprays are generally ineffective.								
Locust Honey and Black							16-20 fluid ounces of DuraCor® herbicide + 1 pint Remedy® Ultra herbicide					
Maple Maple control is difficult with foliar sprays. Basal bark with Remedy® Ultra herbicide and basal oil for best control.							2-3 pints Remedy® Ultra herbicide + 1 lb 2,4-D Note: Maple control is difficult with foliar sprays. Basal bark with Remedy Ultra and basal oil for best control.					
Mulberry Mulberry can be controlled with a 2% Surmount® herbicide spot spray.							4 pints Surmount® herbicide Note: Mulberry can be controlled with a 2% Surmount spot spray.					

NovaGraz – NEW!



Use Rate

24 fluid ounces per acre is the primary recommended use rate.

NovaGraz™ can be applied up to 48 fluid ounces per acre per year for enhanced spectrum or multiple application needs.

- **Would anyone like to run a trial of NovaGraz for us in Spring of 2026?**

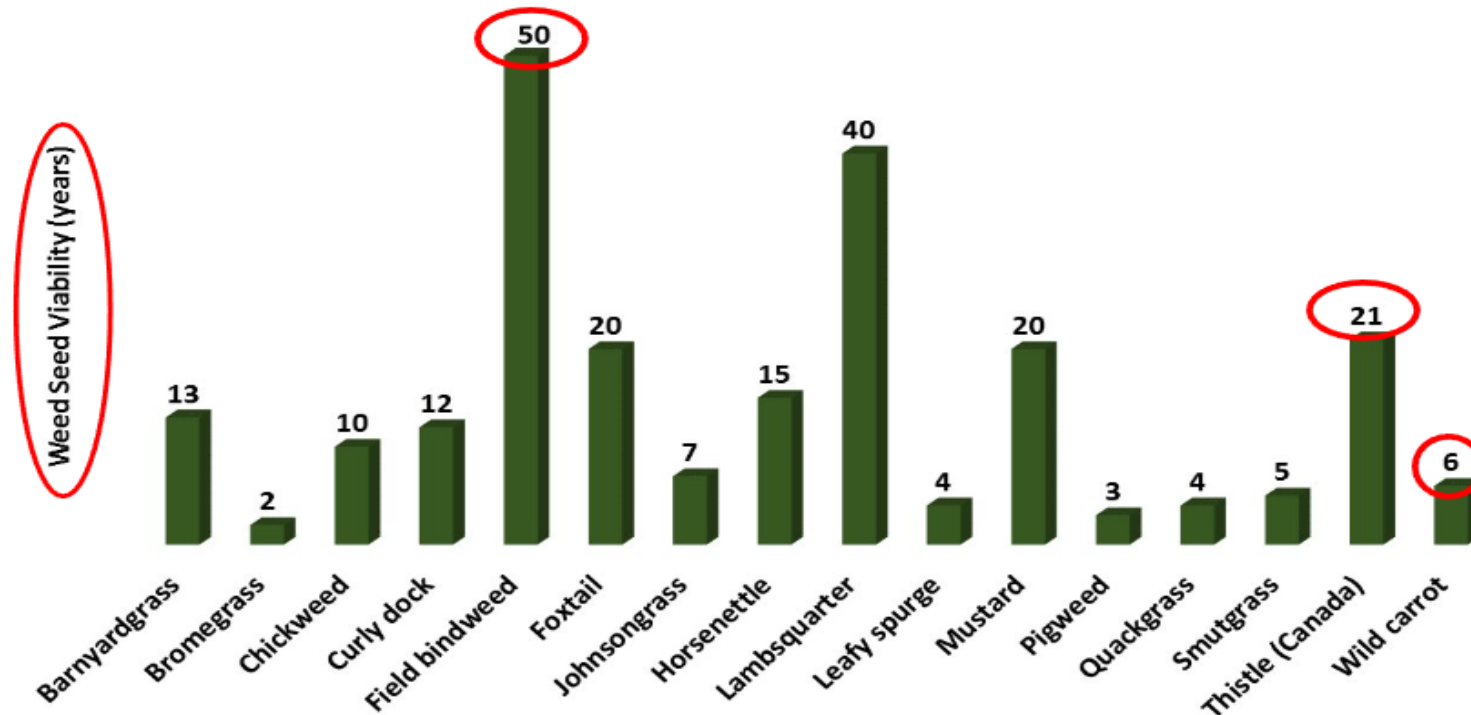
The image shows a portion of the NovaGraz Herbicide product label. At the top left is a photograph of green trees. To the right of the photo is the 'NovaGraz™' logo in black with a green underline, and 'HERBICIDE' in green below it. A dark green horizontal bar contains the text 'PRESERVE WHITE CLOVER AND CONTROL WEEDS' in white. Below this bar is the heading 'Weeds Controlled' in green. Underneath is a table with seven columns and three rows of weed names.

Annual fleabane	Annual marshelder	Buttercup	Hairy buttercup	Tall buttercup	Common cocklebur	Common ragweed
Western ragweed	Common dandelion	Curlycup gumweed	Horseweed	Ironweed	Bull thistle	Musk thistle
Plumeless thistle	Plantain	Poison hemlock	Wild parsnip	Wild chicory	Wild carrot	Wingstem

Weed Control



Do I Need to Spray Every Year?



Financing Option

- Ag Partners OnePay
- WinField SECURE
- John Deere Financing

Ag Partners OnePay



- Special Interest Rates through Ag Partners Coop seed, chemical, and fertilizer.
- Easy to use
 - If you don't pay your bill, it rolls to OnePay
- Accessible via Ag Partners Portal
- Can pay in Ag Partners Portal

Secure



- Special Interest on Bayer Chemical
- Special Interest on BASF Chemical
- Special Interest on Croplan seed

John Deere Financing



- Special financing Rate on Bayer, Corteva, BASF, and FMC Chemical.
- Special financing on seed, but give up discounts.
- Will take away from credit limit at ag equipment retailers.

Thank you

