



GOLD-EAGLE COOPERATIVE

THE PERSPECTIVE

www.goldeaglecoop.com

LOCATIONS

Eagle Grove

448-4775
800-873-1797

—Feed Mill—

515-448-5392
800-722-3966

Thor

378-3314
866-210-9734

Goldfield

825-3161
800-825-3331

Renwick

824-3214
888-824-3214

Hardy

824-3221
866-210-9733

Livermore

379-1843
888-576-1843

Corwith

583-2462
888-581-2462

Wesley

679-4272
866-212-3890

Titonka

928-2272
866-203-9656

New “Landscaping” Improves Gold-Eagle

By Brad Davis
General Manager



Summer is the time for landscaping projects not only around your farm and home, but around your cooperative, too. We have some major projects that will be changing the look—and improving the efficiency—of Gold-Eagle.

One of the most visible projects so far is at Renwick, where we’ve been rebuilding after the violent windstorm that hit the area on July 17, 2016. We demolished the old wooden grain elevator, wood annex and three old 100,000-bushel steel bins.

We’re building three new 270,000-bushel steel bins. This means we’re replacing approximately 400,000 bushels of old storage (old steel bins

and wood facilities) with more than 800,000 bushels of new steel storage.

While the old receiving system at Renwick had a capacity of 7,500 bushels per hour, the new system will have a capacity of 20,000 bushels per hour. We expect to complete this project in June and look forward to much greater efficiency at Renwick this fall.

New shop slated for Eagle Grove

The landscape is also changing in Eagle Grove on the north edge of town. We’re building a new shop next door to the truck wash we built in 2016.

Dirt work started in May on this new shop, and construction should begin sometime in June. The shop will replace the existing shop at our Eagle Grove elevator. This will free up much more space and give us more options to make our Eagle Grove grain facility more efficient.

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New USDA Leader, New Technology Spark Optimism

By Chris Petersen
Seed Sales Manager



Change is the heartbeat of growth, especially in agriculture. From the Xtend® crop system for dicamba-tolerant soybeans to new nematode-control technology, there are some big changes creating new opportunities in farming.

One of the biggest changes right now is the U.S. Secretary of Agriculture, Sonny Perdue. He's a former farmer, Air Force veteran, agribusiness man, veterinarian, state legislator and governor of Georgia who is taking a whole new approach at the U.S. Department of Agriculture (USDA).

Under his leadership, Perdue says USDA will be facts-based and data-driven, with a decision-making mindset that's customer-focused. When Perdue visited a central Iowa farm in early May, he also stressed that the American government should try to remove all obstacles so farmers and ranchers have every opportunity to prosper. Hopefully, this will eliminate a lot of government red tape and bring positive new trends to agriculture.

New weapon in the fight against nematodes

If I were an investor in this new era, I'd be a lot more optimistic about investing in ag companies. Perdue's philosophy should also be good for farmers, especially as new technologies evolve.

Consider NemaStrike™. Monsanto recently received U.S. EPA approval for this technology, which will offer you more nematode control in 2018 (pending state approvals).

NemaStrike Technology is a nematocide that will be offered as part of Acceleron® Seed Applied Solutions. It will offer a novel mode of action that stays in the root zone where nema-



Meet agriculture's most unapologetic advocate, Sonny Perdue, U.S. Secretary of Agriculture, who spoke in Nevada in May.

todes attack. NemaStrike Technology's broad-spectrum control of nematodes will help protect corn and soybean yields.

Seed sales, treatments reach record levels

While NemaStrike Technology will arrive soon, other technologies are already taking hold in our area. We have a decent amount of Xtend soybean varieties in Gold-Eagle's test plots. I think the industry is on a rapid pace for the adoption of dicamba-tolerant soybeans. I'm confident Xtend soybean varieties will yield just as

good, if not better, than current seed varieties.

Speaking of seed, thanks to all of you for your 2017 seed purchases from Gold-Eagle. Our bean units sold are close to record levels. Thanks to you, we've also seen a tremendous increase in our seed treatment service for soybeans. Demand has been so strong that we may set a new record in 2017.

We're looking forward to seeing how these treatments and seed technologies play out in the 2017 growing season and appreciate the chance to work with you. ◀

Enhance Nitrogen Efficiency with SUPERU®



Gold-Eagle is ready to apply SUPERU® to your acres with this rig.

By **Stu Pannkuk**
Agronomy Sales Manager



particle size. SUPERU provides 40 more pounds of available N per ton, compared to polymer-coated urea.

- **Protection against all three forms of N loss.** It also combines a urease inhibitor (AGROTAIN®) and nitrification inhibitor (an N-Serve® type product) before the product is re-granulated. This allows the components to be impregnated throughout the total granule, rather than be included only in a polymer coating. As the granules break down in the soil into much finer particles, every particle is protected against ammonia volatilization, nitrate leaching and denitrification.

Want a fertilizer that takes efficiency and productivity to new levels? Take a look at SUPERU®. It offers the highest concentration of nitrogen available in a granular fertilizer and protects against all three forms of nitrogen loss.

Benefits of SUPERU include:

- **More available N.** SUPERU is a 46% urea manufactured by grinding granular urea into a much finer

- **Efficient plant uptake.** Because the product is completely water soluble, the N is readily available for plant uptake.

Protect your N investment

Keep in mind that SUPERU is applied during the time of the year when outdoor temperatures are warmer. This increases the volatilization rate and also increases the activity of urease, the enzyme in the soil that catalyzes the hydrolysis of urea into carbon dioxide and ammonia. The ammonia is then converted to nitrate via the nitrogen cycle.

It's important to keep the N in the ammonium form as long as possible. In the time period extending from three weeks before tasseling to mid-silk, the crop needs more than one half of its total required N. Keeping N in a form that resists denitrification and leaching is important to keep N available when the crop needs it the most.

SUPERU is treated with a nitrification inhibitor. After the urease in the soil converts the urea to CO₂ and ammonia, the ammonia quickly converts to ammonium (NH₄⁺) which bonds to the negative charged soil clay particles.

Please contact your local Gold-Eagle agronomist to learn more about SUPERU and see how it can work for your operation. We appreciate your business. ◀

New “Landscaping”

Continued from page 1

The new Eagle Grove shop will be a hub where the entire Gold-Eagle truck fleet is serviced. Between our tractors, trailers, tenders, pickups, etc., we have more than 350 units in our fleet.

We're designing the shop so it can be expanded. We'll also include drive-through bays in the new shop and want to automate a few systems to make work easier. We plan to move into this new facility around March 2018.

“Investing is all about preparing for the future and keeping your cooperative strong.”

Adding more NH₃ storage

We're also upgrading Gold-Eagle's anhydrous ammonia facilities in Hardy, Livermore and Wesley. You can get all the details from Stu Pannkuk's agronomy article on page 5.

We're taking this opportunity to increase overall NH₃ storage within the company and add new load-outs so we can fill nurse tanks faster. More storage should allow us to get better pricing when we fill up during the summer months. This will help in our efforts to offer more competitive fall pricing. These NH₃ projects are slated for completion this fall.

While all these “landscaping” projects are changing the look of our locations this summer, they also represent major investments in Gold-Eagle. Investing is all about preparing for the future and keeping your cooperative strong. Thanks for your continued support of Gold-Eagle. ◀

Rainfast Times of Crop Protection Products

Many growers call us each summer and ask about rain-fast times of various crop protection products. This handy chart covers the products we sell.

Disclaimer: This information is presented in good faith for your reference. This information does not take the place of the product label. Changes to product label information can occur without notice. Always read and follow label directions. ◀



Product	Rainfast (hours)
Abundit Extra	6
ACURON	4
Anthem/ATZ/Flex/Maxx	1
Approach/Prima	1
Armezon	1
Assure II	1
Atrazine	1 to 2
Authority Assist/Elite/First/Maxx/MTZ/XL	1
Balance Flexx	2 or less
Banvel	4
Buccaneer Plus	1 to 2
Cadet	4
Callisto 4SC/GT	1
Callisto Xtra Enhanced	4
Capreno	1
Clarity	4
Cobalt/Advanced	when dry
Cobra	1/2
Corvus	2 or less
Dicamba/HD	4
Diflexx/DUO	4
Duramax/Durango DMA	2
Engenia	4
Enlite	1
Evito	1/4
Fastac EC	when dry
Fierce/XLT	1
Firstrate	2
Flexstar/GT 3.5	1
Fusilade DX	1
Govern	when dry
Halex GT	1
Headline EC/SC/AMP	1

Product	Rainfast (hours)
Hero EC	1
Impact	1
Laudis	1
Liberty	4
Lorsban 4E/Advanced	2 to 3
Marvel	1
Milestone	2
Optill/Pro	1
Pasturegard HL	6
Preemptor SC	2
Priaxor	when dry
Province/II	when dry
Pursuit	1
Quilt/XCEL	4
Realm Q	4
Resicore	1
Resolve Q	4
Resource	1
Roundup Powermax	1 to 2
Rowel/FX	1
Select MAX	1
Solstice	4
Status	4
Stinger	6
Stratego YLD	when dry
Surestart II	2
Thunder/Master	1
Valor SX/XLT	1
Verdict	1
Warrior II with Zeon Technology	when dry
XtendiMax	4
2, 4-D Amine	6 to 8
2, 4-D Ester	1 to 3

Upgrading Our Nitrogen Systems to Serve You

By *Stu Pannkuk*
Agronomy Sales Manager



If you think this spring hasn't been typical, you're right. The spring of 2017 is probably the most unusual spring I've experienced since I started working here in 2002.

The cold temperatures and large variations in rainfall made it tough for you as fieldwork got underway. It was also tough for us as we tried to coordinate floaters and tenders to apply dry fertilizer and liquid nitrogen (N).

By the first week of May we had completed most of our dry fertilizer applications, had approximately 75% of the liquid N applied, and had only a few tons of anhydrous ammonia (NH₃) left to apply.

Speaking of N, we're making some major improvements throughout Gold-Eagle to our NH₃ systems, including:

- **New NH₃ systems at Hardy, Livermore, and Wesley.** Each of these locations had been using two 11,000-gallon railroad cars to store anhydrous ammonia. Recent regulation changes for storing anhydrous mean these tanks cannot be used in the future. This summer, we'll be investing in major upgrades to our anhydrous systems at Hardy, Livermore and Wesley. All these changes will allow Gold-Eagle to increase our nitrogen storage by 15%.

- **Hardy.** We'll remove the three existing storage tanks and replace them with one new 45,000-gallon tank. We'll also install new risers and a riser platform, plumbing and pumping systems. This equipment will be capable of filling two double 1450s or four 1450s at the same time. The new system will be located approximately where the existing system is now.

- **Livermore.** The new NH₃ system will be located about two blocks north from the existing NH₃ plant, southwest of the cement elevator. In time, the existing storage tanks will be sold or cut up for scrap. The Gold-Eagle board has decided to purchase a new 30,000-gallon storage tank, along with a new riser and platform with new plumbing and a new pumping system. This system's filling capabilities will be the same as the new system at Hardy.

- **Wesley.** The new anhydrous ammonia complex will be located by the new grain site we built near Wesley two years ago. The system will include two 60,000-gallon storage tanks (this equals 263 tons on 85% full). The riser platform (50-foot square) will have risers that will allow us to fill four double 1450s simultaneously. The system will be equipped with two 3-inch pumps. This means we'll be able to fill four double 1450 nurse tanks (25 tons) in less than 30 minutes. We'll also install two bulkheads that will allow two transport trucks to unload at the same time.

These upgrades will allow us to purchase more NH₃ during the summer-fill period, which usually equates to a lower cost and allows us to offer you more competitive fall prices. Also, our expanded storage capacity gives us some "cushion" of supply, especially during times when the NH₃ terminals have long lines. (This happens quite often during the fall rush.)

While our investment in these new facilities will likely exceed \$1 million, these upgrades will improve our efficiency and should lower costs to you in the long term. We appreciate your business and look forward to serving you. ◀



Eagle Vision Acre Offers Affordable Precision Ag Bundles

By Bruce Burns
Eagle Vision Precision
Farming Services



What's the simplest—and most under-rated—tool to boost your profit potential? Grid sampling. Not only does it take the guesswork out of fertilizing your acres properly, but it's the foundation of Gold-Eagle's three new precision ag bundles that offer an easy, convenient, and affordable way to help you maximize both yield potential and return on investment.

Studies have shown that grid sampling every fourth year offers the best value. It's also the most widely used sampling pattern. With our new Eagle Vision Acre program, we'll track all your farms and will sample approximately 25% of your field acres yearly. Sticking to this schedule means you don't have to keep track of what fields need to be sampled.

Other features of Gold-Eagle's three bundles include all things precision that Gold-Eagle offers you, including variable-rate seeding (VRS), variable-rate fertilizer (VRF) prescriptions and Yield Mapbook Deluxe, which includes yield mapbooks, side-by-side variety/hybrid comparisons, fungicide treatment comparisons and more.

Bundles offer monitor support

Another popular service included in all three precision ag bundles is our multi-brand monitor support. No matter what brand of monitor you have in any piece of farm equipment, we can help.

We'll help input key data including field names, field boundaries, herbicide

information and the hybrid/variety selections you planted and are harvesting. We'll also keep your guidance lines safe and will make sure they can be edited on Gold-Eagle's mapping program. You can also count on us for troubleshooting services and data transfer.

FieldView is a natural fit

Climate FieldView™ is included in two of the three packages we offer.

Gold-Eagle's three new precision ag bundles offer an easy, convenient, affordable way to help you maximize yield potential and return on investment.

(Note--you don't have to subscribe to FieldView to participate in Eagle Vision Acre.)

Climate FieldView helps you collect and analyze field data, measure performance, monitor nitrogen, and build tailored seeding prescriptions. We are offering FieldView along with our packages, since it's a natural fit for Eagle Vision Acre.

Not all tractors, planters and combines work with FieldView. If you're interested, we'd like to visit with you and gather information on your model or series number on your machinery. Then can we check to see if your equipment is compatible with FieldView.

With FieldView Plus you receive field health updates (via weekly or bi-weekly aerial imagery), in-cab data visualization with planting/harvest data collection live on your iPad and weather information. And just like our other precision ag packages, all of this service is turnkey. We help get your FieldView account set up if you don't already have one, and we'll load all your information for you. This service also includes installation of the necessary items in your cab, whether it's your tractor, sprayer or combine.

FieldView Pro offers all these services of FieldViewPlus, along with automated scripting (Rx Planting) and nitrogen monitoring by zone. All this is available for a low cost per acre per year.

Want to find the right precision ag bundle for your needs? Visit with your local Gold-Eagle agronomy salesperson today for details on the three different Eagle Vision Acre packages, or contact me at 515-605-5113 or bburns@goldeaglecoop.com. We appreciate your business and look forward to hearing from you. ◀



THANK YOU for Helping Us Set New Sales Records

By Brad Davis, General Manager

I admit—I was apprehensive about Gold-Eagle's prospects this year, especially with low corn prices. While I never would have dreamed it a few months ago, your cooperative has set several new sales records this year.

The amount of business we've been enjoying throughout this fiscal year-to-date is outstanding. I'd like to extend a sincere, humble thank you for your continued support of Gold-Eagle. I also want to thank our staff for their hard work and the strong relationships they've cultivated with our clients and prospects. This loyalty will keep Gold-Eagle strong in the years ahead.

Iowa Plant Provides Local Source of Nitrogen Fertilizer

By Stu Pannkuk,
Agronomy Sales Manager

Ever consider where your fertilizer comes from before it reaches Gold-Eagle? Iowa Fertilizer in Lee County is the first nitrogen (N) fertilizer plant built in the US in nearly 30 years, and it's changing the landscape of agriculture.

Located near the Mississippi River close to Wever, Iowa, Iowa Fertilizer will produce more than 1.5 million metric tons of nitrogen fertilizer and diesel exhaust fluid (DEF) per year. Iowa Fertilizer is one of the largest N fertilizer plants in America. It uses state-of-the-art technology to produce UAN, ammonia, granular urea, and DEF—all products we can supply you with through Gold-Eagle. Contact us for all your fertilizer needs.

Spotting Fake News in Ag

It's getting trickier to decipher fact from fiction in the news today. That includes stories about the commodity markets.

Whether it's "corn exports to Mexico will dry up" or rumors about why the cattle market in late April was up limit some days and down limit other days, it can seem like there's more speculation than trustworthy information.

Some of what gets reported isn't news as much as a negotiating tactic. Unfortunately, however, the markets react, and misinformation can spread easily.

My best advice? Don't believe the hype. Understand there can be a big disconnect between supply and demand. Also realize that about the only chance for a market rally in the weeks ahead is a weather scare.

Keep an eye on reliable facts, such as updates from the U.S. Department of Agriculture (USDA). We know that in April China imported 8.02 million tons of soybeans. That was 13% over last year at that time and also set a new record. From October 2016 through April 2017, USDA's import figures have run 9.3% over last year at 49.6 million tons. To hit USDA's 88 million metric tons import projection, the numbers only need to run 1.5% over last year from May 2017 through September 2017. Despite concerns over negative processing margins in China, we should hit USDA's goal.

Stick to your plan

No matter what news headlines might come along in the near future, it's important to stick to your marketing plan to help manage your risk. Work with Gold-Eagle to put in target offers to simplify the process.

Contact our grain marketing team at 800-825-3331 for more details. We appreciate the chance to serve you. ◀

By Brady Hess
Merchandising
Manager



USDA Report Highlights

In its May 2017 World Ag Supply and Demand estimates, the USDA decreased 2016/17 ending stocks by 25 million bushels by increasing food, seed, and industrial use by a like amount. No other changes were made to the 2016/17 balance sheet. The initial 2017/18 S/D guesstimate included corn production decreasing nearly 1.1 billion bu. to 14.065 billion, the result of 4.3 million less harvested acres and a 3.9 bu/A decrease in yield to 170.7 (the trend line figure). Corn demand is projected to be 345 million bu. less in 2017/18 with ethanol production slightly higher while feed and residual is slightly lower. The big demand change was made to exports as a 350 million bu. decrease is projected due to business lost as a result of expected record corn production in South America.

The crop report had no surprises for the 2016/17 marketing year as soybean ending stocks were reduced by 10 million bu. from the April report. Exports were increased another 25 million bu. while crush was reduced by 15 million bu. The initial new crop balance sheet showed planted acreage of 89.5 million, a new record. The yield is projected at a trend line 48.0 bu/A, down 4.1 bu/A from 2016/17. Total demand is projected to rise a hefty 142 million bu. to a new record of 4.235 billion bu. Soybean exports are projected to rise another 100 million bu. from this year's level and crush is expected to rise by 25 million bu. 2017/18 ending stocks are projected to be 480 million bu. (11.3% stocks/use) which is a hefty number, but less than the trade was expecting as most felt ending stocks would be north of 500 million.

GOLD-EAGLE COOPERATIVE

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**Affordable, easy precision ag?
Yes! Choose from Eagle Vision
Acre's three bundles.**

See page 6.

Optimize Pig Performance with Ambitine™

The late finishing period is a critical time in swine production. I encourage you to consider Ambitine™ to optimize animal performance and production efficiency for hogs beginning in the 200- to 220-pound range.

Ambitine is a nutritional additive that includes functional ingredients like plant extracts and acidifiers that are proven to support gut health. This isn't snake oil. Ambitine is part of the Purina® family of livestock feed products and has been proven to boost swine performance in the last weeks before market.

Research has shown improvements in average daily gain, average daily feed intake, and feed efficiency with Ambitine, as compared to a control diet without Ambitine.

Add value to your operation

Ambitine is fed at a 2-pound-per-ton inclusion rate for the last 60 to 70 pounds of gain. It can be fed with or without ractopamine (Paylean® or Engain™).

While large national accounts are seriously looking at Ambitine, this product can work for any size operation. We've dug into exhaustive research on Ambitine, and I'm confident it can add value to your operation.

For more details, call me at 515-293-1684. I look forward to working with you. ◀

*By Rachel Howdyshell
Customer Sales and Support*

