



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

Creating a Softer Landing

By Brad Davis
General Manager



If you're like me, this spring leaves you optimistic. Things weren't perfect, but they were pretty close. Planting progressed quickly in our area, and we had an outstanding agronomy season once again.

With no excessive rains to slow things down, all of you were running just as hard as our agronomy staff. This spring stretched everyone to their limits, but we all made it through.

All this will help create a softer landing as we navigate the downturn in the ag cycle. Transitioning from \$7 corn to \$3.50 or \$4 corn can be painful, and I've been very concerned about it. While we're not out of the woods yet, having

such a productive spring will help soften the blow in these challenging times.

I know you have a lot of investment on the line with this crop. I keep looking for signs that the ag cycle is turning upward once again. After all, farming is all about optimism.

I appreciate your decision to do business with Gold-Eagle. By working together, we'll all get through this and will remain optimistic about the future of agriculture. ◀

Positive Earnings Continue at CORN, LP

The CORN, LP plant experienced a successful first quarter 2016. As of press time, the plant had achieved 32 consecutive months of positive earnings. Much of the corn processed at CORN, LP comes from Gold-Eagle members.

We appreciate your support.

Test Plots Offer Invaluable Learning Opportunities

By Chris Petersen
Seed Sales Manager



you plant, like Roundup Ready 2 Xtend soybeans. We didn't sell any Xtend soybeans this year, since the European Union has not yet approved these beans for export.

Planting conditions in our area this spring were as close to ideal as you can get. When you consider that the vast majority of the acres were planted in roughly 12 days, you know there weren't a lot of hang-ups due to poor field conditions.

Unfortunately, we ran through a few wet, cold snaps after the seeds were in the ground. The frost we received in early May probably thinned out and set back what seemed like an almost perfect stand. How that will affect the crop for the rest of the growing season is yet to be determined.

Gold-Eagle planted nine corn plots and five soybean plots this year. We'll have several in-house training events to help us compare various corn hybrids and soybean varieties. We'll also host plot tours in late August and early September. We'll send you invitations with the dates and times later this summer, so watch for details.

This appears to be shaping up as a record year for seed sales at Gold-Eagle, and I'd like to thank you for your support. With seed genetics, you get what you pay for. Gold-Eagle not only offers the highest-quality genetics but the added value that comes from our extensive knowledge of our seed product lineups. We're focused on helping you select the best options for your acres.

Roundup Ready 2 Xtend™ update

We'll also keep you updated on issues that affect the genetics

While this is a small market for U.S. soybeans, you don't want to alienate yourself from this market. Many processors won't accept Roundup Ready 2 Xtend soybeans until the EU gives full import approval. As a result, Gold-Eagle will not be excepting any Xtend soybeans.

It appears that the only thing holding up the EU's ability to accept Xtend soybeans is paperwork. I understand the dicamba and Roundup Ready 2 traits have already been accepted. Monsanto is likely doing everything possible to expedite the process.

By working with Monsanto, we were able to get a lineup of Xtend soybeans for our test plots this year. These beans will be available for sale next year, if the opportunity presents itself. In 2016, we won't be comparing the effectiveness of the new weed control but want to see whether the new Xtend varieties can yield and perform as well as the RR2 varieties we've been planting. I invite you to check out the Xtend crops in our 2016 test plots and learn more at our plot tours later this summer.

Visit the Answer Plots

I also encourage you to attend Answer Plot® events in Britt and Vincent this summer. These are great learning opportunities. If you'd like to attend, contact your local Gold-Eagle salesperson for details. We appreciate your business and look forward to working with you this summer. ◀

Vincent Answer Plot—Session 1 (Sellers & Growers)

You and your growers are invited to join us on May 27th for Session 1 at the Vincent Answer Plot. This unique learning opportunity will cover current agronomy topics, micronutrients, NutriSolutions, corn and soybean plant health, water conditioner demo, herbicide systems demo.

Seller & Grower Event
Time: 9:00AM—12:00 Noon
Lunch will be served at 12:00 Noon

***Please RSVP your attendance by replying to this e-mail message.**

Event Speakers
Steve Barnhart - Winfield Regional Agronomist
Jim Eggerichs - Winfield Technical Seed Manager
Keaton Krueger - Winfield Ag Technology Specialist

Upcoming Sessions
2nd Session July 7
3rd Session August 29

Directions: The plot is located on County Road P 71 on the north edge of Vincent on the east side of the road.

CROPLAN
by WINFIELD
Answer Plot
by WINFIELD

Britt Answer Plot—Session 1 (Sellers & Growers)

You and your growers are invited to join us on June 3rd for Session 1 at the Britt Answer Plot. This unique learning opportunity will cover current agronomy topics, micronutrients, NutriSolutions, corn and soybean plant health, water conditioner demo, herbicide systems demo.

Seller & Grower Event
Time: 9:00AM—12:00 Noon
Lunch will be served at 12:00 Noon

***Please RSVP your attendance by replying to this e-mail message.**

Event Speakers
Steve Barnhart - Winfield Regional Agronomist
Jim Eggerichs - Winfield Technical Seed Manager
Keaton Krueger - Winfield Ag Technology Specialist

Upcoming Sessions
1st Session June 3
3rd Session August 26
2nd Session Vincent July 7th

Charles City:
June 2
August 23

Directions: The Answer Plot is located 3 miles west of Britt, Iowa on US Hwy 16. It is on the corner of US Hwy 18 and Ford Avenue. You will see it on the north side of the road.

CROPLAN
by WINFIELD
Answer Plot
by WINFIELD

Get Rescued!

Did you know it takes 800 pounds of lift to remove a man buried to his waist in corn? By the time he's buried to his chest, the corn shifts every time he exhales. This prevents him from inhaling, causing the man to slowly suffocate.

We want to prevent these tragedies. That's why Gold-Eagle Cooperative donated rescue tubes a few years ago to every fire department in Gold-Eagle's territory. We were among the first ag cooperatives in Iowa to provide these tubes, which offer a proven way to save lives.

• • •

On Saturday, July 9, you can join the Renwick Fire Department in a grain bin rescue training session at 8 a.m. at the Renwick Fire Shed. Firefighters will be simulating grain engulfment and will pull volunteers out of grain, just like a rescue situation. This demonstration will show how time intensive and difficult these things can be.

• • •

You're encouraged to attend this free training seminar and learn how to keep everyone safe on your farm. ◀

New Grain Dryer Slated for Eagle Grove

We've taken down two old dryers at our Eagle Grove location and are installing a new tower dryer. This will help us dry grain more efficiently and make it faster for you to dump grain and get back to the field. The new tower dryer will be operational in time for harvest 2016.



The old grain dryers at Eagle Grove were dismantled by mid-May.

Meet David Dolan, Merchandiser

We're pleased to welcome David Dolan to our grain merchandising team in Goldfield. David keeps an eye on the corn and soybean markets daily, stays in touch with Gold-Eagle's locations, hedges grain and watches for opportunities to sell.

David is well versed in agriculture. He grew up on a hog farm in northeast Iowa near Manchester and earned his degree in ag systems technology from Iowa State University in 2007. Before joining Gold-Eagle in early May, David worked for Bunge for nine years in seven different locations along the Mississippi River and eastern railroads, from Arkansas to Louisiana to Illinois.

"I was interested in Gold-Eagle, because it's a strong, stable company," David says. "I also wanted to get back to Iowa to put roots down and raise a family."

David has been enjoying meeting farmers and co-op team

members throughout Gold-Eagle's territory. "I've always wanted to work in agriculture. There are a lot of good people in this industry, and there's never a dull moment in the grain markets."

Editor's note: David is newly married (February 2016), and his wife is a territory hygiene manager for Aspen Dental. In his free time, David enjoys hiking and spending time with family. ◀



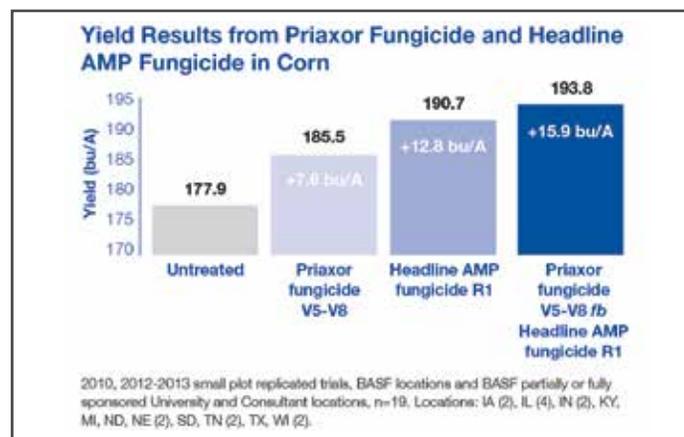
What You Need to Know About Fungicides

By Stu Pannkuk, Agronomy Sales Manager

Fungicides have become a key tool for better plant health. Unlike other crop protection products that kill insects and weeds, fungicides form a barrier to protect plants from infection.

Here's a list of companies (in alphabetical order) and their respective fungicides that offer disease control from yield robbers like anthracnose leaf blight, common rust, eyespot, gray leaf spot, physoderma brown spot, northern corn leaf blight and southern corn leaf blight in corn.

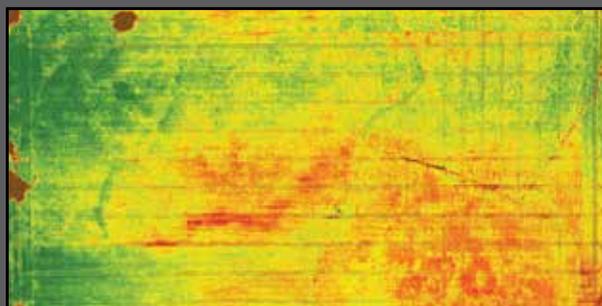
In soybeans you can expect control of altermaria leaf spot, anthracnose, Asian soybean rust, cercospora blight, frog-eye leaf spot, pod and stem blight, rhizoctonia aerial blight, and some suppression of sclerotinia blight (white mold) and Southern blight.



tal stresses and diseases. To attain maximum yield, Bayer recommends spraying an additional 4 ounces per acre at the VT to R4 stage. Stratego YLD is also an excellent fungicide for soybeans. It can be sprayed at the R2 to R4 growth stages at 4 ounces per acre.

- **BASF:** This company recommends sequential fungicide applications for corn, including pre-tassel (V5-V8) with 4 ounces per acre of Priaxor® fungicide. This is usually sprayed with the post-emerge herbicides, followed by 10 ounces of Headline AMP® applied at the VT to R2 growth stages. BASF's tests show you can expect a 3- to 4-bushel bump versus applying Headline AMP only (see chart). Note: An adjuvant may be used with Priaxor and Headline AMP fungicides prior to the V8 stage and after corn reaches the VT stage. For soybeans, a rate of 4 ounces of Priaxor per acre can be applied at the R2 to R4 growth stages.
- **Bayer CropScience:** Stratego YLD works with corn and soybeans and provides two modes of action. The triazole component (the newest triazole technology—prothioconazole) gives you progressive movement in the leaf and redistribution properties for long-lasting disease protection. The strobilurin component offers rapid protection of the whole leaf. Bayer recommends an early-season application of 2 ounces per acre between V4 to V7. This stage of growth is when leaf and ear shoot initiation are almost complete. Also, the entire starch reserves from the seed have been consumed, leaving the corn to pull in all of its own nutrients and resources for the first time, making the crop susceptible to early-season environmental stresses and diseases. To attain maximum yield, Bayer recommends spraying an additional 4 ounces per acre at the VT to R4 stage. Stratego YLD is also an excellent fungicide for soybeans. It can be sprayed at the R2 to R4 growth stages at 4 ounces per acre.
- **FMC:** Preemptor™ fungicide from FMC offers two modes of action, including flutriafol (the longest-lasting triazole in the market) + fluoxastrobin (strobilurin) for resistance management. Preemptor allows excellent disease control with one application during the V5 to V8 growth stages. Plant health effects include increased water and nutrient uptake, along with increased carbon assimilation. Improved stress tolerance, as well as greener, healthier plants, allow maximum yield. Note: At the 5 ounces-per-acre rate for corn and soybeans, FMC will offer the plant health guarantee.
- **Syngenta:** Trivapro™, which is Syngenta's new fungicide, contains three active ingredients (Solatenol + azoxystrobin + propiconazole) with different modes of action. Solatenol is the only fungicide in the U.S. that offers double-binding activity that targets the disease directly, as well as the wax layer of the plant, resulting in improved disease control and longer-lasting activity. Trivapro is applied at a rate of 4 ounces per acre for corn (V4 to V8 and/or R1 growth stages). Apply same rate for soybeans at R3.

For more information about fungicides and plant health, contact your local Gold-Eagle agronomist. ◀



NDVI (normalized difference vegetation index) at 0.25 M resolution. Red to green on every map. Red is not necessarily bad, green just shows more vegetation at that time. A red area needs to be investigated.

See the Invisible With Aerial Imagery

Wouldn't it be great to locate hot spots of insect or disease pressure that are normally invisible to the human eye, even while you're scouting or spraying your fields? Imagine if you could also identify areas of nitrogen deficiency in time to feed your crop properly.

Eagle Vision Precision Farming Services is working with a company

for the second year in a row to take aerial imagery of our trade territory throughout the growing season. If you're interested in learning more about our aerial imagery services, or you'd like a demonstration to see what images are included in this package, contact Bruce Burns at 515-605-5113. We appreciate your business and look forward to serving you. ◀

Keep Your Crop Growing Strong

By **Stu Pannkuk**
Agronomy Sales Manager



This spring may have set a new record for how fast things can get done. We started spraying 32 percent nitrogen on April 11

and were more than 90 percent done by April 19. Also, we started applying NH3 around April 1 and wrapped up by April 16.

The pace of corn and soybean planting also moved quickly in our part of the state. By May 8, more than 90 percent of the soybeans were planted in our trade territory. Now that the crop is off to a good start, it's important to keep it growing strong.



A new herbicide for corn is available from Bayer CropScience. DiFlexx® Duo is a combination of HPPD herbicide (Laudis®) + dicamba (Banvel®) + CSI Safener for excellent grass and broadleaf control with residual. It offers:

- Two modes of action for foliar and residual control of tough broadleaf weeds like waterhemp, kochia, marehail and giant ragweed—including those that are resistant to Roundup®, PPO and ALS-based herbicides.
- Application flexibility from burndown to V10.
- Flexible use rate of 24 to 40 ounces per acre. Applications may be made on corn up to 36 inches tall. DiFlexx Duo can be tank mixed with atrazine, Liberty® or Roundup®.

- CSI Safener Technology gives you the flexibility to use this chemistry on any soil type with greater crop compatibility. It also enables corn plants to better withstand herbicidal activity, which can lead to increased root growth and plant health.

Managing aphids and insecticides

Plant health also involves proper insect control. While we've had to contend with aphids for many years, here's a little refresher course on scouting recommendations.

- Late-planted soybeans seem to be more susceptible to soybean aphids. Scout these fields first.
- Scout when your soybeans are in the R1 through R5 growth stages. That's when aphid activity is the most detrimental to soybean yield.
- Identify 20 to 30 plants per field. This sample should represent 80 percent of your field.
- Early in the season, focus on the undersides of new soybean leaves.
- As the season advances, remember that soybean aphids move further into the soybean canopy.
- Count the number of aphids you find on each plant. If your findings average at least 250 aphids per plant, you're over the economic threshold and should spray.
- If you find aphids concentrated on the soybean plant stem, it's safe to assume the population is more than 400 aphids per plant, even without counting, because the stem is an inferior food source. The only reason aphids would look there for food is if the rest of the plant is overpopulated.

Gold-Eagle always recommends an insecticide such as Hero® or Cobalt®. They both contain a chemical that has fast knock-down and a pyrethroid that yields residual control.

For more information about maximizing your crop's yield potential, contact your local Gold-Eagle agronomist. We look forward to working with you this year. ◀

Selected Foliar-Applied Insecticides for Soybeans

(Rates/A)

	Cobalt Advanced	Fastac EC	Govern 4E/Lorsban Adv.	Hero	Leverage 360	Warrior II
Bean leaf beetle	16-38 oz.	2.8-3.8 oz.	1-2 pt.	2.6-6.1 oz.	2.87 oz.	0.96-1.6 oz.
Soybean aphid	11-26 oz.	2.8-3.8 oz.	1-2 pt.	4-10.3 oz.	2.87 oz.	0.96-1.6 oz.
Cutworms	11-26 oz.	1.3-3.8 oz.	1-2 pt.	2.6-6.1 oz.	2.87 oz.	0.96-1.6 oz.
Grasshoppers	6-13 oz.	3.2-3.8 oz.	0.5-1 pt.	2.6-6.1 oz.	2.87 oz.	1.6-1.92 oz.
Green cloverworm	6-13 oz.	2.8-3.8 oz.	0.5-1 pt.	2.6-6.1 oz.	2.87 oz.	0.96-1.6 oz.
Mex. bean beetle	16-38 oz.	2.8-3.8 oz.	1-2 pt.	4-10.3 oz.	2.87 oz.	0.96-1.6 oz.
Spider mites	11-26 oz.	NL	0.5-1 pt.	10.3 oz.	NL	NL
Stink bug	16-38 oz.	3.2-3.8 oz.	2 pts	4-10.3 oz.	2.87 oz.	1.6-1.92 oz.
Pre-harvest interval	30 days	21 days	28 days	21 days	21 days	30 days

Save With Summer Grid Sampling

By Bruce Burns
Eagle Vision Precision
Farming Services



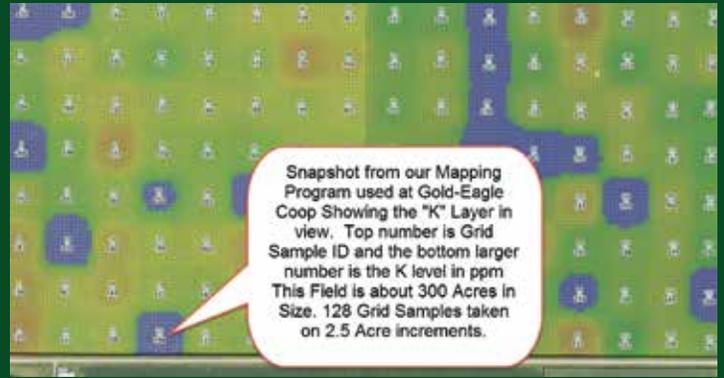
There's still time to get your grid sampling done before heavy canopy. Did you know you can save around \$1 per acre by

sampling now instead of after harvest?

Soil sampling after planting reduces the heavy workload in the fall. Getting your results now also gives you plenty of time to make a fall fertilization plan with your Gold-Eagle salesperson. When you finish harvesting a particular field, simply call Gold-Eagle, and we'll line up the fertilization plan you made this summer. This saves about two to three weeks of your time at harvest, so you can start tillage as soon as possible.

Gold-Eagle offers a recommendation calculator to help you maintain and build soil nutrients while keeping your budget in mind. Taking grid samples in 2.5-acre increments is highly recommended. Also, 4.4-acre increments offer a decent way to help you determine which areas of your field have sufficient—or deficient—nutrient levels.

It's important to grid sample your fields every fourth year.



Here's an example of how a 2.5-acre grid appears when surfaced in Gold-Eagle's mapping program.

With the high yields growers have attained in recent years, many nutrients have not been replaced even to a maintenance level. Updated grid samples help you pinpoint your soil's fertility needs and maximize your crop input budget. Sampling a fourth of your fields yearly also spreads out your investment in the grid samples.

Contact your Gold-Eagle salesperson to sign up for grid sampling now and save on this valuable service. ◀

Proven "Recipes" for Fenceline Spraying

Every year, many of you ask about what works best for fence line spraying without hurting the adjacent crop. Here's a chart our agronomy staff has put together of "recipes" that have worked very well in terms of managing weeds while offering crop safety.

Spraying Along Soybeans

(100 gallons of water)

- 5-Pillows First Rate
- 4 pt. Cobra or 6 ounces Cadet
- 1 qt. Trophy Gold/100 or 1.25 gal. COC/100

Spraying Along Corn

(100 gallons of water)

- 1.25 gal. Callisto Xtra
- 1.25 gal. 2,4-D Amine
- 1 qt. Trophy Gold/100 or 1.25 gal. COC/100

Fenceline Spraying—Both Crops

(100 gallons of water)

- 2 gal. Basagran
- 4 pt. Cobra or 6 oz. Cadet
- 1 qt. Trophy Gold/100 or 1.25 gal. COC/100

Rainfast Times of Crop Protection Products

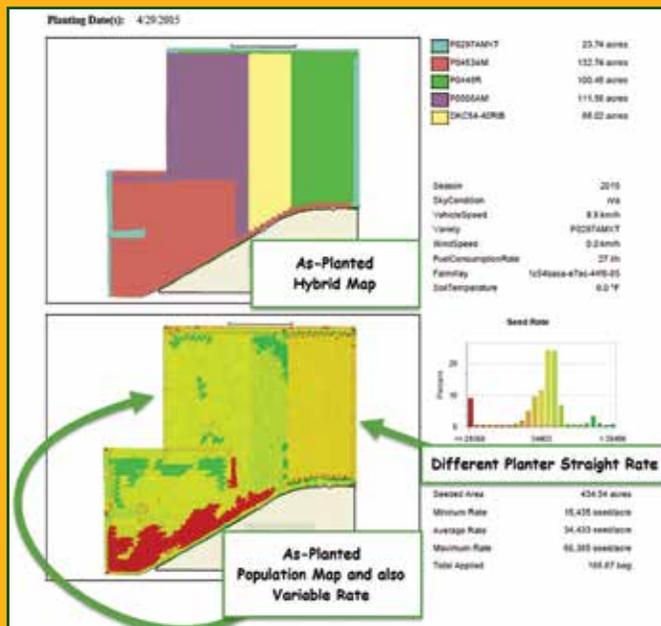
Many growers call us each summer and ask about rain-fast times of various crop protection products. This handy chart covers the products we sell.

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.

RAINFAST TIMES OF CROP PROTECTION PRODUCTS

PRODUCT	RAINFAST (HOURS)
Abundit Extra	6
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	4 to 6
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
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
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
2, 4-D Amine	6 to 8
2, 4-D Ester	1 to 3

Bring Us Your 2016 Planting Data for Processing



Data is critical to helping you gain more bushels per acre. Count on Eagle Vision Precision Farming Services to import your data into our system and process it for you.

This includes any 2016 planting data you may have collected, plus any other harvest data you may have on storage drives (jump drives), cloud services or your computer's hard drive. Please contact Bruce Burns (515-605-5113 or bburns@goldeaglecoop.com) to discuss what data you have. You can either bring your data to your local Gold-Eagle salesperson, or we can assist you with getting your planting and/or harvest data from your storage devices into our mapping program.

We look forward to helping you manage your data to boost your profit potential. We appreciate your business. ◀

New Truck Wash is Ready

Our new state-of-the-art truck wash in Eagle Grove is operational. With its dual bays and modern equipment, this truck wash helps us maintain high levels of biosecurity and provides you with better service.



GOLD-EAGLE COOPERATIVE

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Soybean Rally Ahead?

No matter where you look, soybeans are the big story in the market right now, both domestically and internationally.

When Informa updated their U.S. acreage estimates on May 16, they pegged corn at 93.4 million acres, down 225,000 acres from their previous estimate. They projected soybeans at 83 million acres, up 770,000 acres from their previous estimate. The U.S. Department of Agriculture (USDA) currently estimates corn at 93.6 million acres and beans at 82.2 million acres.

Some analysts are now looking for up to 1 million acres to switch back to soybeans (mostly in the eastern Corn Belt and parts of Wisconsin). The market won't have a good handle on this, until the USDA releases its June 30 acreage report.

One thing that's clear? The world seems to have an insatiable appetite for soybeans and dried distillers grains (DDGS). In some cases, surging meal values continue to encourage U.S. feed mills to max out their DDGS substitution for soy meal. From early April to late May, soybean meal prices rose \$100 a ton, while DDGS prices jumped \$30 a ton.

Put offers in place

Going forward, keep an eye on Brazil, where the soybean and corn crops are shrinking at the same time Brazil's exports are being front-loaded.

With their exports running at a very fast pace (due to some quality concerns), it's possible that Brazilian soybean exports will end sooner than expected this year. This would increase opportunities for U.S. soybean exports during the second half of 2016.

There's a fear in the markets that the world may run short on soybeans, especially since the next South American crop won't be ready until next February. Prices could rally in August or September before the U.S. crop is harvested. Also, watch for a potential soybean market rally this fall or winter, especially in November, December or January.

My best advice? Have offers in place, and sell on the rallies. If you have any grain marketing questions, your Gold-Eagle grain team is here to help. Give us a call at 800-825-3331. We look forward to working with you. ◀

By Brady Hess
Merchandising
Manager

