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Bellaire	Downs	Osborne
Bloomington	Lebanon	Portis
Burr Oak	Luray	Waldo

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Newsletter

September 2021

Manager's comments

by Craig Mans

Heat, heat and more heat! That pretty much summed up August. Its amazing crops look as good as they do considering the dry weather and heat in most of our territory. Harvest is right around the corner and beans are taking the biggest hit with the dry weather. Some of our territory will have good fall crops and others will be well below average. Handling this fall crop will not be as difficult as we have had the past couple years but will still be a challenge. Wheat harvest was much better than anticipated! Midway took in over 1 million more bushels of wheat this year compared to last. Wheat yields were exceptional this year.

We are 5 months into our fiscal year and I am happy to report we are having another good year. Earnings are over \$5 million, and ahead of last year at this time. The crop department of our company has been very busy this summer. Feed, seed, petroleum, chemical sales and application are all above last year at this time. Unfortunately, our Downs dump pit project will not be completed before fall harvest, but the leg will be upgraded by then. COVID is to blame, as the parts still haven't made it in.

Since our last newsletter, patronage checks went out in the middle of June and totaled over \$3.3 million in cash. The total patronage allocation was \$6.6 million with 50% paid out in cash and the other 50% was added to your Midway Coop Equity. We are proud to be able to return patronage back to our members.

Midway Coops mission is to serve our communities with a financially sound, professionally managed cooperative offering quality products and services at competitive prices. We are major contributors in our communities and one way we show that is through the

county fairs. This year we once again supported our local county fair premium auctions with over \$40,000! We will continue to manage Midway Coop as efficiently as possible, offer the services that you need and return money back to you in the form of patronage. Thank you for your business and have a safe harvest.

MIDWAY DONATIONS

Midway Co-op in conjunction with Land O'Lakes donated a total of \$3,750.00 to the Alton Fire Department. Midway Co-op in conjunction with Land O'Lakes donated a total of \$3,750.00 to the Downs Fire Department. Midway also once again supported local county fair premium auctions with **over \$40,000**

Agronomy

by Ron Reneberg

I've said this before, but this growing season seems to be a story of two or more years wrapped up in one. Wetter and cooler weather early in the season and then extreme heat mid and late summer. Wow.....mother nature sure seems to be testing us, but when you think about it that's what we seem to always get in North Central Kansas..... "Extreme Weather".

Managing through change is always on our mind in the Midway Coop's Agronomy department and it was never more present than this year with keeping ahead of Crop Production Chemical supplies. With all the curve balls thrown at us with Covid-19 related inventory shortages we stayed ahead of our customer needs without too many in season outages. Thanks again to all our Patrons who worked with us in rationing product when needed throughout the season.

• See agronomy page 2

• **agronomy** Continued from Page 1

The Team is Strong, and the System works! With that being said I wish we were through the supply tightness, but our suppliers say we're in for the same conditions all next season, so early planning is our best strategy.

Fertilizer supplies continue to reflect current industry trends revolving around increased energy prices, tightening supplies due to Covid-9 issues as well as in-season demand increases. We are and will continue to work with our suppliers to guarantee a constant supply at competitive prices. Please stay in close communication with your local Midway branch Manager & Fieldman on all cropping changes and upcoming needs.

In closing I want to thank each and every one of our customers for their continued support of Midway Coop, Inc., and its Employees. It is because of you that we are able to supply your Agronomic supply needs when you need them, with update to date equipment and expertise. Have a SAFE fall drilling and harvest season.

Crop Insurance Price Updates

By: Eric Mans

For the 2021 wheat crop producer's base insurance price was \$4.90 with the harvest price being \$6.21 therefore improving our revenue guaranty. The 2022 crop insurance base price for wheat is currently being set. About halfway through the discover period (August 15th-September 15th) this year the price is averaging \$7.12. The deadline to make changes to your wheat policy is September 30th so I encourage everyone to evaluate their coverage level to best take advantage of this improved insurance price. Some other crop insurance dates to be aware of for 2022 wheat, the final plant date for wheat in Osborne, Mitchell, Jewell, Lincoln, and Russell Counties is October 31st. Final plant date for wheat in Smith and Rooks Counties is October 20th. The acreage reporting deadline for wheat is December 15th.

For our row crops the base price was set from February 1st through February 28th and was as follows Corn \$4.58 Soybeans \$11.87 and Grain Sorghum \$4.40. The Harvest Price these crops are all set from October 1st through October 31st. With the dry conditions throughout the area and prices substantially higher now than in February we are hoping for a higher harvest price to get us a higher revenue guaranty for potential claims.

As for an update on the farm bill, with the market year average (MYA) price ending on August 31st for

corn, grain sorghum, and beans, it appears we will not be seeing any ARC-county or PLC payments for the 2020-2021 crop year in our area. For wheat the MYA price ended at \$5.05 and for those that elected PLC this triggered a \$0.45 payment since the base price for wheat is \$5.50. Only Smith County will be receiving a payment for those that elected ARC-county.

If you have any questions or want to discuss any other of your crop insurance needs stop by the General Office in Osborne, or give me a call at 785-346-5451, or on my cell at 785-346-4654.

Grain Department

By: Cullen Riner

Once again thank you to all our patrons for making the 2021 wheat harvest a very successful one. We had a good harvest. Midway Co-op had total receipts of nearly 4,000,000 bushels. At this time, we have purchased over 75% of the crop. Yields were exceptional throughout the territory and prices have allowed producers sell their crop at good levels. Many of our patrons had record yields this harvest.

With wheat harvest over, and most of the summer gone, it is time to plan for the fall harvest. Due to the hot temperatures and lack of rain in our territory it looks like yields will be less compared to a year ago. Some areas are certainly more stressed than others. We finished picking up the last of our grain that was on the ground in our bunkers at Lebanon in July. With the room we are making by shipping out grain we will be able to handle your bushels just fine. However, we will be forced to pile some grain on the ground but not nearly as much as we have in the past. Producers have been taking advantage of the high grain prices by pricing a lot of new crop grain for this fall. This is by far the most new crop grain Midway has bought prior to harvest. We are looking forward to what this fall will bring and hopefully harvest will be better than we are anticipating.

As you are getting your fields ready for wheat planting, please take advantage of our seed cleaning and treating plants at Portis and Lebanon. They will clean your seed and can also apply fungicide, insecticide, and a growth promoter to help you achieve the best results for your farming operation. This in turn will add to your bottom line. Give them a call and they will answer any questions that you may have and be happy to schedule an appointment for you, be sure to ask them about their bundling program. Here are the telephone numbers for each location: Portis 785-346-2021 and Lebanon 785-389-5311.

Seed Wheat Treatments

by Jeff Hammer

What a difference a year makes! Last year we didn't know how to pencil out a profit on wheat and now we have new crop trading around \$7/bu. cash. Granted, inputs are considerably higher, but after a year in which the wheat crop is likely to be our most successful, how can you not get a little excited about wheat this fall? Wheat has to get a good start to have high yield potential.

Smut is the first pathogen on the list we can control with seed treatment. It survives in the soil, and infects the newly emerging coleoptile, so even if you buy new seed wheat and place it on a field that has smut in soil, you could still end up with the disease. Head Scab didn't get out of control here in 2020, but if you plan on some wheat after corn you should be concerned. Scab can occur even with a seed applied treatment because infection occurs at pollination. However, if you have some scab in your seed wheat the disease level will always be worse in untreated seed. When you couple these pathogens with the defense against Pythium-borne diseases, including Septoria; saving \$2-3/ac simply isn't worth the risk of having rejected wheat loads at harvest time plus treated wheat simply yields better. Midway Co-op's cleaning locations at Portis and Lebanon will be applying Warden Cereals II at 2.8 oz/cwt which has a 3rd added mode of action Sedaxane to an already outstanding wheat treatment.

Seed-applied insecticides, which the Midway Co-op's cleaning facilities at Portis & Lebanon can custom apply, are becoming increasingly popular due to generics in the market. The #1 reason to apply insecticide is because of Barley Yellow Dwarf Virus which can be suppressed by keeping aphid numbers down. With only around 4% of the aphid population that vectors the disease, if you can keep the numbers down it will help suppress the disease. Insecticides also control wireworms and have systemic activity on grasshoppers, not to mention there is an added vigor effect from Imidacloprid. Bayer Crop Science did a 5-yr trial at different sites with Gaucho Insecticide and had a 4.4 bu./ac. average response. Also, growers should consider an insecticide to slow down grasshopper feeding this fall on emerging wheat, especially on no-till continuous acres. We get systemic activity for 21-28 days and with grasshopper pressure likely until middle October, early planted wheat may be subject to damage as the grasshoppers move out of other senescing crops.

Midway Co-op's Portis & Lebanon Cleaning facilities can custom apply Resonate (generic gaucha) Insecticide at a rate of 1.0 oz/bushel. This is 2X the minimum rate for aphid suppression. Be sure to compare rates when comparing prices. We can also apply insecticide & fungicide through our bulk facility at Lebanon on newly purchased seed wheat & with our portable treater at other locations.

I want to also remind growers of Ascend Growth Regulator. Ascend is a 3-way blend of Kinetics, Gibberellic Acid, & Indole butyric Acid. These growth regulators promote cell division and differentiation resulting in earlier stand establishment. The biggest benefits come below the ground where root growth will be enhanced giving us more ability to buffer moisture stress in the fall and early spring. Growth regulators can help get the seedlings out of the ground quicker and more uniformly.

Wheat potential yield is established early in the growing season by virtue of stand and tillers. Protect your potential by protecting and feeding your seed! For more information on Warden Cereals, Resonate, and Ascend: Call Jeff (346-6487); Brian (346-6668); Joe (345-3330); Wyatt (282-4165); or Tanner (412-0165). For cleaning scheduling contact: @Portis Brad (346-2021) @Lebanon Stan or Becky (389-5311). Thanks for your business.

Pre-emerge Wheat Spraying

by Brian Mans

Summer is winding down, almost time to get those combines and drills ready to go for another busy fall! Like every fall, it is time to make the final burndown for acres going to wheat. Many growers are already applying a residual product when making that final burndown application, but I thought I would discuss a couple options for residual that we have had really good luck with. Conventional till growers also may want to consider spraying right ahead of drill instead of cultivating if your ground is in good shape. Spraying instead of cultivating will save some moisture as well as helping speed up the drilling process. Olympus and Finesse are both good options that will meet the needs of most acres.

Finesse is an option that we have had for quite a long time but continues to do an excellent job. It also provides some burndown activity itself on some of the smaller broadleaves that are emerged. Pre-emerge rate is .5 oz; it will give you a little bit of cheat suppression and do a good job controlling broadleaves.

• See spraying page 4

• spraying

Continued from Page 3

Finesse pre-emerge is also going to give you very good control on buckwheat. However, if you know cheat is going to be a problem, Finesse is not going to be the answer. Another benefit is rotation restrictions of Finesse. Sorghum has a 4-month restriction following Finesse, so if we do get a hailstorm or other disaster you have another option besides STS soybeans.

Olympus is also a very good option; .6 oz is the pre-emerge rate compared to .9 oz post emerge. It is going to give you good control of cheat and downy brome in the fall. Olympus does not have the burn-down activity on broadleaves that Finesse has, but it does have good pre-emerge broadleaf activity. Olympus also has some flexibility, if you do have another flush of cheat or downy brome emerge in the spring you can come back in with another .6 oz of Olympus. Fall applied Olympus also has a rotation restriction benefit. Corn is labeled 18 months following Olympus. So, if you get Olympus on in the fall you could go to corn the spring following wheat harvest, whereas if you wait to spring then you cannot plant corn the following spring.

Having your herbicide on allows you to consider more options for applying your nitrogen as well. If your herbicide is already applied, it allows a larger window for either a liquid fertilizer top dress application or allows you to meet all your nitrogen needs with dry fertilizer in the winter months if you would like. However, with any pre-emerge product, it is important to apply these close to planting, applying these herbicides several weeks ahead of wheat drilling makes them less likely to be successful. If you have any questions or concerns, please contact your local branch manager or agronomist.

Preventing Wheat Diseases

by Joseph Princ

It's hard to believe that summer is ending. Before we know it, we will be putting wheat in the ground. That being said I want to talk a little bit about preventing some diseases caused by insects in volunteer wheat. As we know, volunteer harbors insects that

can cause yield destroying diseases like wheat streak mosaic and barley yellow dwarf. Getting rid of volunteer wheat is the best way to prevent these yield destroying diseases. With the rains most of our area has received recently we can expect a large flush of volunteer wheat.

Wheat streak mosaic is a virus carried by the wheat curl mite. These mites can also have other grasses as a host, as I saw some move out of pasture ground into wheat fields but in most cases, they can be linked to volunteer. Early fall infestations in a wheat crop can cause yellowing mosaic striped leaves and stunting. This can add up to 50% reduction in yield.

Barley yellow dwarf is another disease that is often times confused with wheat streak as it has similar symptoms. BYD is spread by several different aphids but the most common being oat bird-cherry aphid and corn leaf aphid. The aphids spread the disease by eating on infected plants and carrying it to other wheat. Barley yellow dwarf is characterized by yellow to purple-colored stunted plants grouped in small patches. The best way to manage for BYD is planting varieties with known tolerances and delaying planting until after aphid populations decline.

The first step in preventing these diseases, is controlling volunteer wheat. If using glyphosate to control volunteer wheat is your method, you need to consider that fact that the plants need to be completely dead for 2 weeks prior to planting those fields or fields in close proximity. This means that fields need to be sprayed at least 3 weeks in advance to give time for the chemical to work and the insects to move on. If we receive some moisture in the next couple of weeks, we will want to be sure to watch for volunteer germinating so we can get those fields cleaned up to help minimized the spread of these diseases.

The next step in prevention is planting later. I know that fall is a busy time and there are lots of crops to be harvested but waiting till the hessian fly free date for your area is a good rule of thumb to go by. I receive questions about using an insecticide seed treatment to control these virus spreading insects. Seed applied insecticides help prevent Barley Yellow Dwarf from becoming widespread but keep in mind the aphids must feed on the wheat to ingest the insecticide so minimal damage can occur. As far as controlling wheat curl mites, insecticides are ineffective. If you have any questions give your agronomist a call.

Petroleum Department

by Terry Zvolanek

With the popularity of electric vehicles increasing tire makers are now offering tires that are specifically engineered to enhance the performance of electric vehicles and support the growth of the market. But the big question is, how exactly does an electric vehicle tire differ from a regular tire?

1. Noise Reduction: Since electric vehicles don't have an engine, they create virtually no noise when driven. Therefore, one of the most important requirements of an electric vehicle tire is that it reduces as much road noise as possible in order to maintain the quietness of the ride. Noise reduction can be achieved through design and manufacturing techniques such as specialized tread patterns and sound absorbing foam and rubber compounds.

2. Withstands Heavy Weight: Electric Vehicle tires are built to withstand the heavier weight of electric vehicles which are generally 10 – 20% greater than that of their internal combustion counterparts. If an electric vehicle drove on regular tires, the tires would wear more quickly as electric vehicle specific tires are built to withstand the heavier load, making them essential for optimal performance.

3. Strong Traction: Since electric vehicles have strong initial acceleration and high output from the moment a driver steps on the pedal, Electric vehicle tires must have stronger traction, steering and braking performance. To provide this necessary grip, electric vehicle tires are designed with specific stiff and wide center rib patterns to reduce potential slippage and abnormal abrasions, in addition to interlocking grooves in the tread pattern to prevent

hydroplaning and compensate for the increase in torque.

4. Enhanced Durability: Specific tire compounds are also necessary to support the unique driving experience of an electric vehicle. Compounds that contain raw materials such as high-loading resin and silica extracted natural resources are key components to developing electric vehicle specific tire products. With inherent durability improvements, the stronger and more durable compound better assists the power delivery and driving characteristics of an electric vehicle over conventional compounds.

5. Reduced Rolling Resistance: Another important factor in the development of electric vehicle tires is reducing rolling resistance. Essentially, lower rolling resistance leads to less energy loss, therefore,

increasing battery efficiency. During the manufacturing process, a number of different techniques can be used to achieve low rolling resistance, such as the type of rubber compound used and applying rigid design patterns, tire profiles and structures.

The Feed Mill

By Dean Heise



Protein and energy requirements of the cows and calves may not be met as the pasture grasses get more mature. With varying forage qualities and quantities in pastures, supplementation on grass will allow you to leave livestock in pastures longer to use more of the available forage. Creep feeding will help alleviate some of the pressure from the cows, we have bulk creep pellets in stock, or we can customize a creep feed to match your needs. We keep Custom Creep R48 (Osborne and Lebanon) as well as Stage 2 Creep (Osborne) with more limiter to control consumption on the larger calves in the bulk. Creep feeding will also help in the transition of weaning and getting them started on feed. Another way of supplementing the cows can be supplied with cubes, low-consumption protein lick tubs, or any number of commodity by-products. We stock consistent consumption **CTI** cooked protein tubs as well as the **VITALIX** line at Bellaire and can special order **VITA-FERM's** line of products also. Give us a call and let us help you find the right supplementation program to fit your operation.

Weaning a little early will help let the cow herd get in better shape before winter sets in and allow time to get calves started on feed before harvest hits. We have seen less stress and sickness in earlier weaned calves the last several years than calves weaned later in the fall when temperatures fluctuate more. If you want to feed them, get them off to a good start with our **Inbounding** complete receiving feed or **Jumpstart Stress Mineral**. These are both non-medicated, so you don't need to get a VFD from the Vet to use them. Using either of these for the first week before switching to your own grain mix, getting the essential vitamins and chelated minerals into the calves to help boost their immune system pays huge dividends. Receiver tubs are getting more attention as they will stimulate saliva production to help buffer the rumen and provide added sugars for energy and better microbe function in the rumen.

• See mill page 6

Please remember that if you want to use antibiotics, a VFD is required from the veterinarian. You cannot just walk in and buy a bag of Aureo/CTC crumbles when you feel like it. The VFD does NOT include Rumensin, Bovatec, Amprolium or MGA, we will continue to use those as we do currently.

Many are getting a VFD for anaplasmosis to make sure that the cow herds are cleaned up before going into the fall/winter. If your cows are not slicking up and looking like they should or if they are not handling the summertime heat, anaplas may be part of the problem.

Flies are still causing issues for a lot of producers. We are having very good results with the addition of garlic to minerals and supplements for face fly suppression. Garlic will not kill them; it only stinks bad enough to repel them from the eyes of treated livestock.

Don't forget that **October is the next mineral promo month**. During that month, for every 12 bags of range mineral you buy – YOU GET 1 BAG FREE.

Technology

By Joshua Hendrich

We are adding onto our existing software with another piece called FieldAlytics. It integrates directly with our billing software. FieldAlytics allows us to create digital orders for spraying and fertilizing. Field boundaries will be put in the system and the order will go to the operator.

Notifications can be setup to keep you informed along the process and when field has been sprayed along with invoicing.

CAREERS AT MIDWAY CO-OP

Midway Co-op is always looking to hire talented, hard-working people who are eager to make a positive impact with a reputable company and have a passion for helping our customers achieve success.

Current Openings

- Applicator - Full-Time Employee - Bellaire, KS
- Feed Truck Driver - Full-Time Employee - Osborne, KS
- Branch Bookkeeper - Full-Time Employee - Portis, KS
- General Elevator Help - Full-Time Employee - Luray, KS

If interested in a career at Midway Co-op, please complete an application and return it to us at cmans@midwaycoop.com

**Or, mail a printed copy to:
Midway Co-op • P.O. Box 40
Osborne, KS 67473**

With FieldAlytics we can also bring in all outside data: planting, application, yield. We can connect to John Deere Operations Center, Climate FieldView, Agleader AgFiniti, as well most USB drives off monitor. If you are wanting a full picture of your field, we can do that in-house. Also, this gives the ability to build custom variable rate maps as well.

We are rolling this out this fall. Please talk to your Midway team to find out more about how this new program can help you.



DIRECTORY

General Office346-5451

Elevators

- Alton.....984-2214
- Bellaire.....389-6311
- Burr Oak.....647-6661
- Downs-Corinth.....454-3411
- Lebanon.....389-5311
- Luray-Waldo.....698-2311
- Mankato.....378-3116
- Osborne-Bloomington.....346-5821
- Portis.....346-2021

Service Stations/Propane

- Lebanon.....389-8561
- Luray.....698-2411
- Mankato.....378-3233
- Osborne.....346-5812

Feed Mill.....346-5441

Seed Cleaning Plant.....Portis.....346-2021

Lebanon.....389-5311

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- Richard Conrad (Portis).....Director
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