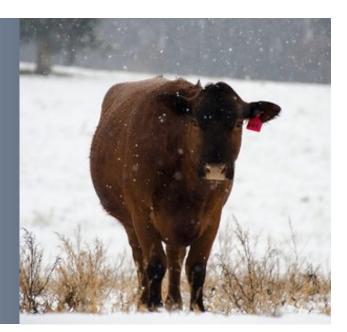
# Producers MFA Agri Services Newsletter



Volume 2, Issue 1 February 2014

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#### **Special Points of Interest:**

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- Apply for the MFA Foundation Scholarship
- ATTENTION all MFA Customers



# 'Spring' Into a New Year with MFA

Jess Daniels, Producers General Manager



It is hard to believe that we have begun a new year and that it is already February! Spring is just around the corner. Time has flown by as this month brings our 1 Year Anniversary with MFA! This year also celebrates MFA's 100 Year Anniversary, which is a magnificent achievement. It has truly been my pleasure getting to know our customers and employees over the past year, and I look forward to meeting many more of you in the near future. The support from our customers and the community are a driving force behind our success, and we thank everyone for that.

Since our last newsletter, we have hosted several meetings covering various topics. There have been presentations on available chemicals, seed, our Health Track program and various feed options now available, including QLF. I commend each and every one of you that has participated in our meetings, as we have had record-number turnouts and excellent participation at each of these. It is always nice to see people coming together to support agriculture and learn more about how we can help you improve your niche in the industry.



In the upcoming future, we are planning on hosting more meetings at our numerous locations. We always try to focus on topics concerning areas of agriculture that we can partner with you on. If you have an item of interest that you would like to have included at any of our presentations, I encourage you to call myself or any one of the location managers, and share it with us. Chances are, if you are interested about it, your neighbor or a customer in a neighboring community probably is, too. By having these meetings, it gives everyone a chance to learn more, or even new information, about a topic and for individuals to share personal knowledge on the subject at hand.

Continued on Page 2...

Continued from Front Page... Along with spring comes planting season and livestock show season. I would like to remind everyone that if you need pasture seed or field crop seed, we still have good supplies available! If you are shopping for show feed, I would strongly encourage you to look at our complete line of MFA and Ralco Show Feeds. In addition to quality feed at an affordable price, we have cash payouts for Rate of Gain winners, along with Overall Reserve and Grand Champions, from local to state level. We even provide a cash payout for each species that the exhibitor shows in. This is all in addition to our local contributions at the County Fair Livestock Sales. Giving back to our customers is a great way to promote the future of agriculture within the community.

One last note, if you have a local organization that would like to learn more about a particular area of agriculture, or just agriculture in general, please let me know. I am more than happy to come talk to your organization and share with them ideas and practices to improve their knowledge and outlook on the agriculture industry and how it relates to MFA. Thank you all for your support and making our first year a memorable milestone. We look forward to many more years of continued business with you!

Jess Daniels

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# **Grass Tetany 101**

#### Marlana Shipley, Nevada Manager



With grass greening up or cattlemen turning cattle out onto lush, green winter pastures, grass tetany becomes a concern. Grass tetany is a serious, often fatal metabolic disorder characterized by low levels of magnesium in the blood of cattle. It primarily affects older cows nursing calves less than 2 months old, but it may also occur in young or dry cows. The reason is thought to be that older cows are less able to mobilize magnesium reserves from the bones than are younger cows.

Grass tetany occurs most frequently in the spring, often following a cool period (temperatures between 45-60 degrees) when grass is growing rapidly, but is also seen in the fall with new growth of cool season grass or wheat pastures.

Animals affected by grass tetany may suddenly stop grazing, appear discomforted and show unusual alertness, such as staring and keeping their heads and ears in an erect position. Also, they may stagger and have twitching skin, especially on the face, ears, and flanks. The animal may lie down and get up frequently, too. At this point, they are easily disturbed and any stimulation may lead to startling reactions, such as continuous bellowing or running. Sooner or later, a staggering gait pattern develops followed by collapse, stiffening of muscles and violent jerking convulsions with the head pulled back.



Animals lie flat on one side, the forelegs pedal periodically, the eyes and ears twitch, and chewing motions produce froth around the mouth. Between these convulsions, the animal may appear relaxed. Also during this period, sounds or touching the animal, as when administering treatment, may result in violent reactions. This subsequently results in an increase in body temperature and respiratory rate. Heart sounds become audible. Animals usually die during or after a convulsion unless treatment is given.

*Continued from Page 2..* Animals on pasture are often found dead without illness having been observed.

The prevention of grass tetany is rather easy. One should feed their cattle supplemental magnesium to increase the magnesium levels in the blood to alleviate much of the problem. The team at Producers MFA have a couple of different options to prevent grass tetany.

The first is feeding a complete mineral program with higher levels of magnesium. We offer both MFA's Gold Star minerals and our own Goodsense minerals. In the MFA Gold Star minerals, we offer both the Mag Ade and the Hi-Mag. They should consume approximately 8oz of the Mag Ade/hd/day and about 4oz on the Hi-Mag. We also offer the Goodsense Hi-Mag mineral, and 3-4oz/hd/day is the expected consumption rate. Hi-Mag minerals have a tendency to be less desirable and should be started about 30 days prior to the grass coming on.

Our second option would be feeding CTI's Mag Lick 20 with Bio-Mos. This tub is 20% protein and has a full mineral package in it. Also included in this tub is Bio-Mos. Bio-Mos is proven to increase the antibodies in colostrum for healthier calves. It also helps prevent scours. You will need 1 tub per 25-30 head, and they should only consume about  $\frac{1}{2}$  to  $\frac{3}{4}$  lbs/hd/day. Just feed free choice salt with this tub.

Grass tetany is a common problem in many herds grazing lush winter and spring pastures. Advance recognition of the threat along with taking appropriate steps to offset the problem is the key to reducing the incidence of the condition and minimizing loss of animals or performance.

Marlana Shipley (417) 667-2726 mshipley@mfa-inc.com

# Attention High School Seniors! Apply for the MFA Foundation Scholarship

It's that time of year again, time for area high school seniors to decide what they want to do with the rest of their lives. If they decide to attend college, scholarships are extremely helpful in providing the financial means in order to achieve their aspirations of a higher education. MFA offers scholarships to graduating seniors of local high schools. Each MFA and MFA affiliated location gives at least one local high school senior a one-time \$2,000 scholarship.

Have your high school seniors ask their counselor about the MFA scholarship and other Agriculture related scholarships. If the counselor does not have information on these scholarships, please contact your local MFA store for more information. The MFA Foundation Scholarship application is DUE March 15, 2014. Please see your high school counselor for more information.

The Producers newsletter is coordinated by Beth Oehring and MacKenzie Oswald. It is printed through MFA in Columbia, MO. If you have any agronomy, feed, seed, animal health, or grain topics you would like us to address, please call Beth at (417) 876-2422 or send an e-mail to eoehring@mfa-inc.com or moswald@mfa-inc.com.

# What Kind of Tool is Veris Technology? Where Can It Be Used?

Eric Preston, SW MO/SE KS Regional Precision Sales Manager



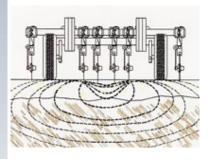
For this article I have decided to talk about Veris Technology and how it can be used in our area in the future, and I am going to try and answer some of the basic questions about Veris Technology. One of a Veris machine's primary uses is to map "Soil EC."

#### What is 'Soil EC'?

Soil EC is Soil Electrical Conductivity – a measurement of how much electrical current soil can conduct. It's an effective way to map soil texture because smaller soil particles, such

as clay, conduct more current than larger silt and sand particles. Soil EC measurements have been used since the early 1900's - Veris mobilized the process and added GPS. As the Veris EC cart is pulled through the field, one pair of coulter-electrodes injects a known voltage into the soil, while the other coulter-electrodes measure the drop in that voltage. The result: a detailed map of the soil texture variability in the crop rooting zone.





## What can be done with this detailed soil texture map of the crop rooting zone information?

Soil texture relates to factors that have a major impact on productivity, such as: water holding capacity, Cation Exchange Capacity (CEC), topsoil depth, and nitrogen use efficiency. Therefore, EC maps often correlate well with crop yield maps. An EC map is a fundamental layer needed for precision action, such as guided soil sampling, yield map analysis, variable seeding, variable yield goals/N, and land-leveling.

#### In summary

I believe that the Veris Technology is something that will be a great tool in our area in the near future. Having accurate soil texture maps are going to be very critical in determining variable seeding rates and also helping refine nutrient application timing and rates. I believe that this technology will be just as valuable as the grid sampling that has been done in the last 2 years and will become a common practice very soon. This article has barely even scratched the surface on how Veris Technology can be used. To learn more, ask your local Producers MFA location about Veris availability and pricing.

Eric Preston (620) 674-1775 epreston@mfa-inc.com

## **ATTENTION!!**

It has come to our attention that a non-profit organization, Mercy For Animals, has been using the MFA initials to promote their group and their cause.

MFA stands for Made For Agriculture, and MFA Incorporated is in NO way affiliated with this group or its cause!

# **Mineral Options for Everyone**

#### Whitney Shaw, Retail Sales Representative



Mineral season is right around the corner, and I would like to take this opportunity to introduce you to a mineral line-up that you may or may not be familiar with: MFA Gold Star. All of our minerals contain chelated trace minerals such as zinc, copper, and manganese that are important for many overall health functions as well as breeding and immunity. Chelation allows for better absorption of these trace minerals which can sometimes be blocked by other minerals. All minerals also have MFA Rain-Off Technology which is a weatherproof technology that balances weatherization and bioavailability. With that being said, we do recommend covered feeders for all of our minerals even though they are weatherized. If you are going to spend anywhere from \$500-\$1200/ton for mineral,

why not invest in a covered feeder? Many times producers can get caught up with weatherization and don't realize that there is a tradeoff between weatherization and how available the mineral is to the cow; completely weatherproof minerals are not always the best for availability. I'd like to run through some of the minerals we keep in stock, but keep in mind that we have several options, and specializing minerals to particular needs is easy.



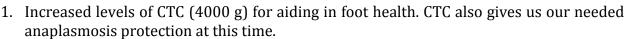


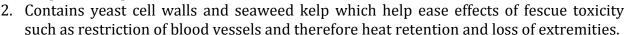
#### **High Mag Options**

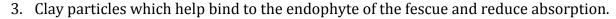
We have two different options when it comes to protection against grass tetany. If you have a history with this disease, our High-Mag mineral is going to be the best option for you. For those of you who have not had incidents of grass tetany, but would like to buy yourselves a little insurance, our Mag ADE meal is the mineral for you. Both minerals contain higher levels of magnesium than typical minerals. They both carefully watch calcium and phosphorus ratios as this is critical during grass tetany season, and are fortified with vitamins A, D and E. They also contain the highest level of selenium possible to aid in breed back, reduce retained placentas, and improve overall health and immunity.

#### **Summer Minerals**

In true Missouri fashion right after the fear of grass tetany is over we must start combating our biggest ongoing challenge: fescue toxicity. Let's just start out with the big guns: Gold Star Fescue Equalizer Max is by far the best fescue fighting mineral out there for three reasons:









Fescue Equalizer Max also contains what we call Essential Oils. This is a blend of many familiar oils such as garlic and cinnamon which naturally ward off pests like ticks and some flies. We have also included an increased dosage of Vitamin A in this mineral to help with eye health during a critical time of the year.

Another summer mineral is our XI Cattle mineral. This is what I like to call the summer slump mineral. Some producers tell me that they see their animals go off mineral when they need it most, in the dead heat of summer. This mineral solves that problem by adding protein to the mineral and therefore increasing the consumption to about 8oz/hd/day. This allows us, as producers, to still administer summer drugs to our cattle such as CTC and fly control. This product is also available with Essential Oils.

#### Continued from Page 5...



#### **General Purpose**

When we are not fighting off grass tetany or fescue, we have a small window of the year that we need what I call filler minerals. This is a basic mineral with very few frills and usually no medication. We have a couple of different options. The one I recommend most is our Super 10 mineral. For a lot of producers, its best feature is the consumption. This mineral has a 2oz/hd/day consumption rate compared to a typical 4oz/hd/day rate. For those of you who would rather see your cattle eating mineral, I suggest the All Purpose 5. The name speaks for itself: a good bare-bones all purpose mineral.

#### **Specialty**

A newer product to our Gold Star line, MFA Ricochet mineral, is designed to increase calf health by focusing on those critical hours after birth. Feeding Ricochet 60 days prior to calving can increase colostrum quality and quantity. This can have an effect on your calf health and therefore gain, just by choosing the right mineral.



Ricochet mineral contains a product known as Bio-Mos which has been proven to greatly reduce calf scours when you feed 60 days after calving. Because of the recommendations to feed before and after calving, Ricochet comes with high magnesium and fescue options. We have also fortified this mineral to make it a superior breeder mineral, making this mineral a serious consideration for many seasons.

So many minerals focus on the brood cow, and for good reason. She is the factory that produces the calf that produces our profit. However, when calves are weaned from that factory, we must not neglect their mineral requirements. Gold Star Stocker mineral is a great choice when growing cattle on pasture or keeping back replacement heifers. With the addition of ionophores such as Bovatec or Rumensin, we can aid in prevention of coccidiosis and bloat, but most importantly increase the gain on those calves by encouraging proper microbial function in the rumen.

#### **Tubs**

For those of you who are not loose mineral fans, we also have a full line-up of CTI tubs that deserve mentioning. We have a high magnesium option with Bio-Mos, a FesQ Guard, and a fly control option. The Calf Booster tub is great to encourage newly weaned calves to go to the bunk and therefore can prevent a lot of issues associated with those off-feed animals, and still provide the minerals they need for growth. Tubs provide added protein which can be a benefit in summer droughts, or fall and winter months. These tubs are cooked and only soften a certain amount everyday which controls consumption and therefore your cost. This however, makes stocking rate very important. You want 25 head per tub.



Don't be afraid to ask for certain things in your mineral. We can usually specialize minerals to fit your needs. For example our summer minerals often come with or without fly control.

We hope you will consider Producers MFA Agri Services for your mineral needs this year, and as always feel free to call me with any questions you may have. Thanks for reading!

Whitney Shaw (417) 321-2651 wshaw@mfa-inc.com

# **Target Order Contracts**

#### JaNetta Larsen, Grain Coordinator



Well, the time of year is here when you have probably prepaid for spring fertilizer, chemical and even seed for the next crop season. Have you thought about contracting next year's wheat, soybeans or even corn? Then you may ask yourself, "Wait a minute. I don't even have all of fall harvest's bushels sold; why would I want to even think about selling next year's crop?" Marketing your crop whether it is wheat, soybeans or corn never stops. Most of you already have a pretty good idea of your current input cost for your crops. Everybody wants to make all the possible profit per acre that is available, right?

What if there was a way to help determine what you need per bushel in order to get a figure of let's say \$100/per acre? Call me. Let's talk about the possibilities.

Ok, so you're ready to give me a call, but what should you have available when we talk? Make sure to have all your input costs including what you want to pay yourself in wages. We can enter these numbers into a spreadsheet that will help determine a target order.

Ok, that sounds doable, but then you say, "What's a target order?" A target order contract is nothing but a contract stating that you want, for instance, \$13.00 beans when the market is \$12.50. By putting a target order contract to work, you can let the CBOT (Chicago Board of Trade) do the work for you. In other words, the board will watch your contract for you and will react. When your target order is reached, I call and let you know that your corn, soybeans or wheat is contracted at a certain price.

Target order contracts can even work on the bushels that are on NPE from this past fall.

"What else can help me make sure that I reach that figure of \$100/per acre?" Besides fertilizer, insecticides, and herbicides, what can be used to help prevent, let's say, AFLATOXIN? How many of you have had to deal with aflatoxin? I would imagine quite a few over the last few years. Did you know that aflatoxin can reduce yield potential which in return lowers your profit per acre?

We at Producers MFA Agri Services work closely with Sygenta; they manufacture a product called Afla-Guard. Afla-Guard is a nontoxic microbial antifungal crop protection product.

This product contains a naturally-occurring, non-toxic fungus that reduces the development of the fungi that produce aflatoxin through competition. Afla-Guard uses an inert agricultural granule carrier to deploy the spores of the non-toxic fungus. The spores grow and colonize the field, allowing for efficient growth of the crop. Use of Afla-Guard will provide a new and effective tool to complement cultural and management practices that can also help to reduce aflatoxin contamination.

"So how do I reach that figure of \$100/per acre?" First you need to call me and talk input costs so we can find out what your target order needs to be. Secondly, we need to look at other products or services that Producers MFA Agri Services can help you with in order to reach your goal of \$100/per acre. We want to help you obtain the best possible profit, so as always feel free to contact me so we can get a head start on a very profitable 2014.

IaNetta Larsen

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### **Bloat in Cattle**

#### Jon Roberts, Areas Sales Manager Livestock Products



Bloat is one problem that can be encountered on cattle operations. The good news is that this potentially fatal disorder is easily diagnosed and easily treated if you identify it early and can lay hands on the animal. Bloat is essentially a build-up of gas in the rumenreticulum. This gas production is a normal part of good rumen function, but if this gas is not relieved or does not dissipate, and continues to build, it will put extreme pressure on the diaphragm, reducing the animal's ability to expand the lungs and take in oxygen. The animal will suffocate, and it can happen within minutes after the onset.

The clinical signs that are the most obvious are a distended abdomen, with a full bloated appearance. The animal will likely be somewhat asymmetrical with the left side being more pronounced particularly up high, towards the back on the animal. You might also observe kicking at the stomach, grunting, or groaning, get up and lay down, frequent urination and defecation, hyper extended neck, and difficulty breathing. Bloat is most often seen in juvenile cattle but can occur in all ages.

The most common cause of bloat is an excessive buildup of gas in the rumen in conjunction with the presence of foam or froth which impedes the animal's ability to belch off the gas. This "frothy bloat" is usually associated with overconsumption of lush, growing legumes but can occur with rumen acidosis or overconsumption of a high starch diet. Another possible cause could be from the way the animal is positioned when it is laying down. If the feet and legs are uphill from the rest of the body, it would be in somewhat of an unnatural position that could cause even normal rumen contents to block the opening to the esophagus and the ability to belch off gas build-up. Prolonged laving in such a position would increase the risk of bloat. Yet another potential cause of bloat occurs if the animal would happen to have some sort of obstruction in the throat, like a hedge ball. Blockage of the esophagus could block the exit of the gas accumulating in the rumen. The two latter scenarios account for a small percentage of bloat cases.



A cow suffering from Bloat

If bloating is observed, a veterinarian should be summoned immediately. The most common remedy for bloated cattle is to insert a tube into the mouth and allow the animal to swallow it. As it is passed deeper through the esophagus, it should end up in the rumen where the gas is contained and allow it to exit the body through the hose. Once the gas has escaped, the animal can be drenched with an anti-foaming agent. The most commonly used drenches are Bloat Guard liquid (Poloxalene) or mineral oil.

What I want to focus on are risk factors that increase incidence of bloat, and management practices that you



A veterinarian treating bloat by drenching with a tube

can implement to reduce that risk. To further break this down, we will look at a pasture scenario, and a scenario of cattle consuming concentrates. In a pasture setting, the type of forage that represents the greatest risk of bloat are young succulent legumes like alfalfa, and clover. Grasses are less likely to be a problem unless they are young and vegetative like wheat pasture in the early stages. Dew, frost, or a recent rain has the tendency to increase the potential for a problem. Turning hungry cattle to a new pasture of young succulent legumes in the early morning would be when some producers could experience a problem. If vou have pastures that could pose a risk you can:

#### Continued from Page 8...

1. Give them hay prior to grazing legumes and make sure they are full and not hungry.

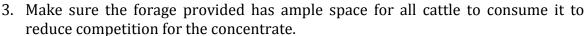
2. Move cattle later in the day after the dew is gone when it is warmer, and they will be less likely to graze for an extended period of time.

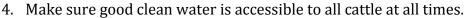
3. Consider using Bloat Guard containing Poloxalene in advance of and during periods when you will be grazing high-risk pastures. This product can be mixed in feed or offered in a block form and is available at your local MFA location.

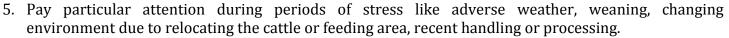
When cattle are consuming concentrates, the most important factors to consider are to make sure the animals experience ration changes gradually, and feed intake variations are kept to a minimum.

Some guidelines to follow are when you are increasing intake in an animal eating concentrates is to elevate the intake of the concentrate by one half-pound/hd/day until you reach the desired intake. When switching rations, make sure the substitution is at the same rate of a half-pound/hd/day. There are several things to consider when monitoring intake:

- 1. Allow adequate bunk space, 18 inches for each animal in a hand feeding scenario, and if using a self-feeder with two 8 foot sides, no more than 40 cattle per feeder.
- 2. When hand feeding, make sure all cattle come to the bunk and have an equal opportunity to consume the feed.







The most common cause of bloat with cattle consuming concentrates is the occurrence of "out of feed events". These events occur when cattle are established on a diet in a full feed scenario. This can be as much as 3% of their body weight or more; and that intake is interrupted for a length of time by a feeder shutdown or running out of feed followed by an immediate return to access of unlimited feed. Feedstuffs with a high level of starch like corn are of particular concern. They can lower the pH of the rumen and this acidotic rumen environment is at greater risk of bloat. MFA Cattle Charge is recommended for cattle that experience stressors like weaning and a changing environment. The high fiber, low starch formulation along with additives to enhance rumen function, is the best way to start cattle on a concentrate.

Whether it is bunks, bale rings, Bloat Blocks, or feeders, MFA has the feed, the farm supply, and the technical support you need to keep your cattle operation at peak performance.

**Jon Roberts** 

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# **Buying and Booking Seed with MFA**

#### Wesley Keller, Agronomy Sales Representative



I hope everyone has made it through the winter months so far and had good holidays as well. Within a few months, we will be back to the planting season. I know this past year's harvest was very hectic and late, but hopefully everyone finished successfully. Due to the late harvest, everyone's thoughts about seed for this year were definitely delayed. I spoke with many of you as harvest was ending and throughout the winter, but for those of you who I haven't talked to, I wanted to fill you in on what we have to offer. We carry our own in-house

MFA seed brands which are MorCorn and MorSoy. Along with those, we have Asgrow, Dekalb, NK and Mycogen products. Most of you have some experience with these already and know

Morc

they are reliable products with competitive prices. If you have any interest in these, I have seed guides, plot data, and a history of these products against the seed you may have planted last year.

I spent a lot of time last fall talking to farmers about booking their seed early to take advantage of discounts. The discounts offered at that time of the year are very significant. I had a lot of conversations with farmers who like to buy their seed in the spring and that works just fine, but with discounts up to 22% off in the fall months, that can make a big impact on pricing of expensive seed. There has also been an assumption that booking is the same as paying for your seed. We do have early pay discounts, but there are also discounts available for simply booking your seed and paying for it once you're ready. Some of you may only buy 10 bags of corn each year and think you won't qualify for any savings, but you do.



Hopefully, you learned a little something from me today. For those of you who have booked or bought seed from me at this point, I would like to thank you for your business. Whether you buy 5 or 500 bags of seed, your business is greatly appreciated at MFA, and we hope to continue to do business with you in the future. If you have any questions, don't hesitate to call. Thank you!

Wes Keller (620) 249-5449 wkeller@mfa-inc.com

# **Keep Your Herd Healthy During Spring Calving**

#### Kirk Hackleman, El Dorado Springs Manager

As we move closer to spring, we also move into calving season. Proper herd health is an important part of a successful season. This time of year the weather can vary from warm and sunny to cloudy, cold and wet in just a matter of hours. We have two products that help combat this kind of extreme weather change and the stress it can have on baby calves.

MFA Ricochet mineral is a free choice mineral that contains Rain-Off weather protection. Ricochet is formulated to improve herd health, performance and healthy colostrum production. It also contains selenium that is needed for health development and disease prevention.

CTI Mag Lick 20 tubs with Bio-Moss is another great option for spring calving herds. This tub contains 3% magnesium to help prevent grass tetany and is also a 20% protein. The tub contains Bio-Moss to help with gut health, which in turn provides healthy colostrum to new calves.

Both products work to keep the gut healthy and functioning properly. This is passed along to new calves and aids in the control of calf scours. Healthy cows make healthy calves, and these two products are great options to accomplish that.

Kirk Hackleman (417) 876-2422 khackleman@mfa-inc.com

# **Choosing the Right Seed**

Nate Ryan, Bronaugh Manager



When people think of extremes in climate, Missouri should be right on top of the list. From drought to flood, hail and ice, Missouri can issue out some of the most extreme variances in weather; choosing the right corn and bean seed to fit our area can be tough. Several factors should influence a decision when purchasing seed.

The first thing a person should look for is seed availability. Early booking of seed is the best way to ensure that when planting time comes, you will have the right seed to fit your operation. An incentive to booking seed early is the discounts that a person can receive and save money by booking early. Soil type is the next thing that a grower should consider

when looking for seed. Different varieties of crops are bred for different soil types, and some seeds are limited in different situations. Look at your soil type and compare it to different varieties before making your decision on seed.

Many of the seeds in this day and age are bred with insect control, drought protection, and fungicide capabilities. These are also important factors to consider when choosing seed to fit an individual operation.

Plot data has been collected for several years, and new plots are put in every year to obtain new data on different varieties under different circumstances. Plot data shows everything from soil type, to planting rates and disease pressure. Maturity dates can also be determined from plot data and should be used to pick the right seed. Plot data can be very useful in helping to determine which seed to choose from.

Some other important factors to consider when choosing seed is what chemical was applied in the last planting season, and if any residual is leftover that might affect yield. This can be very dangerous if a residual chemical was applied too late in the previous season. Response to fungicide application and optimal planting rates should also be considered so that you can get the most out of your seed and give it the greatest opportunity to achieve its maximum yield potential throughout the growing season.

Choosing the right seed to fit an individual operation is very important to every grower. MFA carries a full line of NK, Asgrow, Dekalb, MorCorn, MorSoy and Mycogen seed. Come see us today to get on track for choosing the right seed to fit your operation!

Nate Ryan (417) 922-3216 nryan@mfa-inc.com



#### **Producers Locations**

Bronaugh: (417) 922-3216

El Dorado Springs: (417) 876-2422

Nevada Feed: (417) 667-2726

Nevada Fertilizer: (417) 667-3313

Walker: (417) 465-2523

FIND US ON THE WEB AT www.producersgrain.com

# **Upcoming Events**

The Western Farm Show
February 21 - 23
American Royal Complex
Kansas City, MO