

### Cornoviruses in livestock

This is Ag Outlook, I'm Chuck Otte, Geary County Extension Agent. Covid-19 is dominating the news. People sometimes call it coronavirus without realizing that coronavirus isn't a specific individual virus but is actually a group of viruses and livestock producers have been dealing with them for a long time. It often shows up in cattle at this time of year as diarrhea or scours especially in newborn calves that didn't get enough colostrum from their mom. Poultry can get infectious bronchitis virus or IBV. A very contagious respiratory disease. Swine can get both respiratory and gastrointestinal cornoviruses. The only way to deal with it in livestock is to treat the symptoms or vaccinate. Many cattle producers will see coronaviruses listed on their cattle vaccines. I know they have because several of you have mentioned it to me. What I want you to know is that it won't protect you so don't try it! I'm Chuck Otte and this has been Ag Outlook.

## Spring Cover Crops

This is Ag Outlook, I'm Chuck Otte, Geary County Extension Agent. It's cool and wet. I watched soil temperatures drop 10 degrees in four days last week. It's that time of year. One thing that I think we all too often overlook, especially in any fields that may not be planted this spring is the use of spring or even fall cover crops with the intent to graze. Many of our cereal grains like triticale, wheat, oats, barley can provide a great deal of forage even when planted during March. Grazing can be available in 30 to 45 days. Even for short term grazing so sorghum could be planted in mid June, you could get some amazing grazing potential for 4 to 6 weeks. If you want you can also include some brassicas and legumes Then start thinking about fall planting some of these cover crops for earlier grazing next year or possibly even fall grazing. We are missing a lot of opportunities. Contact me for more details. I'm Chuck Otte and this has been Ag Outlook.

## Spring Fungicides on Wheat

This is Ag Outlook, I'm Chuck Otte, Geary County Extension Agent. With topdress still being applied on some wheat fields AND with the wet weather of late there may be some inclination to apply a foliar fungicide. While this is all well and good early season fungicides DO NOT protect later leaves. We can make wheat look good early in the season with these fungicides but this rarely translates into yield. There are no season long fungicides. They have very limited translocation within the plant. In wheat we generally are most interested in protecting the flag leaf so it needs to be fully extended before treatments are applied. Virtually all fungicides are going to have 21 to 28 days of residual activity. Even some of the highly touted name brand fungicides that are used for early season controls include the statement of "follow with a flag leaf application..." Save your money for better timing! I'm Chuck Otte and this has been Ag Outlook.

## New Herbicides for 2020

This is Ag Outlook, I'm Chuck Otte, Geary County Extension Agent. Here's one thing you need to keep in mind - weeds don't care about coronavirus! We still are going to be facing weeds in our crops this year and we will have to stay out in front of them. The continued spread of glyphosate resistant weeds makes it more and more imperative to use multiple modes of action pre-plant or pre-emerge products. There are some "new" herbicides on the market this year but none of them are really new. Bayer keeps talking about a new herbicide with a new mode of action, but as of yet, nothing is labeled. All of the new sounding names that you might encounter are just mainly combinations of existing herbicides so read the labels closely. Products labeled for various pigweeds include Perpetuo in corn and soybeans, Roundup Xtend, dicamba and glyphosate, and Tavium, dicamba and dual. I'm Chuck Otte and this has been Ag Outlook.

## Unusual Times for All of Us

This is Ag Outlook, I'm Chuck Otte, Geary County Extension Agent. The COVID-19 virus has shattered normality around the globe unlike anything most of us have ever seen. At this time the Extension office is closed to the public until at least April 6<sup>th</sup>. We will be answering phones and doing as much as we can to answer your questions. We are trying to limit face to face encounters for everyone's safety. If you need me to look at something call the office 238-4161 and we'll work out a procedure. You can email or text me questions. My email is [cotte@ksu.edu](mailto:cotte@ksu.edu). If the office is closed PLEASE leave a message including your name, phone number and brief description of the problem. I'll get that message in an email and can get back to you. Plants don't care about a coronavirus and may need attention. I'm still here to help you, it's just that the process will be a little different for a few weeks. I'm Chuck Otte and this has been Ag Outlook.