



All the employees at North Central Kansas Coop would like to wish you and your family a very Merry Christmas and Happy New Year!

This is the time of the year everyone is busy making plans to spend time with family and friends to celebrate the holidays. Please plan ahead on your feed, fuel, and other needs. Here is the NCK Coop's holiday schedule to assist in making those plans.

NCK Coop Holiday Calendar

Thursday, Dec 24th	Close at Noon
Friday, Dec 25th	Closed
Saturday, Dec 26th	Closed
Thursday, Dec 31st	Close at Noon
Friday, Jan 1st	Closed
Saturday, Jan 2nd	Closed

Kernel Korner

NCKC is still taking early orders for your 2010 seed needs.

Cash discounts are still available.

Call Brian or Doug with your orders or any questions you may have.

Fall Harvest

by Darel Anderson

WOW!!! The predictions of a very large fall harvest have certainly come true. Our trade area was very blessed with good growing conditions and rainfall this past spring and summer, then finally a window of opportunity to harvest the majority of the crop. However there are some crops to be harvested yet in our eastern trade area, which had more moisture in the last several weather systems.

To date NCKC locations have received slightly over 3 million bushels this fall, which is approximately 80% more than normal. As always NCKC was committed to help our member/owners get their crops out of the field as soon as possible this fall. With that thought, we certainly changed the landscape at each location with "snow covered" grain piles. We have approximately 1.3 million bushels stored outside of our licensed storage facilities.

Fall Harvest					
7 Year Average in 000's					
	Dillon	Hope	Navarre	Woodbine	Total
09	540	1198	523	747	3008
08	434	723	588	318	2063
07	392	524	516	354	1786
06	193	280	305	283	1061
05	291	373	435	345	1444
04	582	675	562	303	2122
03	138	234	291	67	730
Avg	367	572	460	345	1744

After spending the past 90 days worrying about finding a place to store the incoming grain, now our staff must focus our attention on preserving, drying, and storing the large crop.

I do Thank all you producers for delivering grain to our facilities and giving

NCKC an opportunity to serve your needs. I also Thank our employees for giving that extra effort through the long harvest. Happy Holidays.



Winter Nutrition by Dennis Friedli

Fall harvest is finally coming to an end with just a few loads of grain to be delivered to the Dillon location yet. I would like to take this opportunity to thank everyone for their patience and understanding while delivering grain to our location as our employees did their best to unload the grain and keep the trucks moving.

The winter weather is upon us and the feeding of the livestock is here. With the cows or feeders either on stocks or dry lot their protein requirements has to be looked at. One way of getting additional protein to the livestock is by feeding supplement protein tubs.

Crystalyx is a low moisture molasses-based tub that can be fed to help the cattle and equines meet their needs. Crystalyx tub is a complete free-choice supplement formulated for livestock consuming fresh or stored moderate to low quality forages.

Crystalyx Natural 27 tub is all natural protein for feeding developing bulls, cows and yearlings. The BGF 30 tubs are 30% protein with 12 % of that crude protein being a non-protein nitrogen. It may be fed to stockers, yearlings, and cows. Brigade 14% tub is a high-energy tub for feeding weaned and stressed calves. For more information on these products see us at NCKC locations.

The Holidays are here. At this joyous time of the year, we are grateful to work with you. We wish you abundance, happiness, and peace in a new year filled with hope.

HAPPY HOLIDAYS!



Crop Production by Kevin Whitehair

As we strive to get harvest completed before the New Year, what a bountiful harvest!! Many of you have commented that we'll never see this again, well I don't know but I'm hopeful that I do see another one.

Is there any of you that have not been seen or called by a seed company representative? Don't you wish that you could at least get your existing crop out before they start thinking about next year? If any of you have attended any of our answer plots with Doug or Brian, you know how much they talk about getting the right genetics on the right ground. What I want to spend just a little time talking about is plant nutrition.

First of all, I think we are doing a better job of feeding our crops than in recent years. But don't you have to when you expect 60 bushels of wheat per acre instead of 40? A quick reminder on wheat, we remove 1.5 lbs of nitrogen and .6 lb of phosphate with each bushel. So, if your growing 60 bushel wheat you need to replace at least 90 units of nitrogen and 40 units of phosphate for each time you remove that yield. You all are doing that, right?

What about chloride? Chloride is one of the essential plant nutrients of every plant cell. Chlorides role is to regulate water relationships within the plant; this can lead to earlier head emergence in the spring and faster maturity. Remember when it use to get hot in late May and June? Could that be important in that situation? Twenty pounds of chloride per acre may boost your yield between 5 and 15 bushels per acre.

As we think ahead to spring crops, we have replenishing to do, don't we? I am not going into the details of each crop and it's crop removal, we have a handout we can get

for that. With that said, we can do a pretty good job of recommending nutrients based upon your previous yield, that doesn't tell us what is in your soil bank. You will need to get a soil sample for that.

As we continue to push our yields, there will continue to be a need to learn more about the micronutrients and their timing of need in the plant. Did you know that the first nutrient corn looks for is zinc, that is why all Croplan corn in 2010 will be zinc coated. This is just one nutrient and one timing of importance to one crop. We got a lot of work to do to understand this relationship, as it's related to plant nutrition in each crop we plant. I think we will need to supplement some tissue sampling during the season as well. I am going to challenge myself on understanding this complexity of plant nutrition in the crops we plant. If we are going to survive in a very competitive market place, it will be essential.

I want to wish each of you a Merry Christmas and a successful 2010. As always, we appreciate your loyalty and will continue to work hard to earn your business.



Crop Production by Brian Nickel

Where did the fall go? With the winter already here and the wheat stands looking good, it is time to start thinking about topdress and weed control in your wheat.

We have already missed the fall opportunity to spray cheat and downy brome. The fall is the better time to get control but we can still spray in the spring. The past couple years we have been running into resistance issues on these grasses to ALS

chemistries. Olympus, Maverick, and Powerflex are all ALS, so they will have the same result. If we have resistance in fields, rotation will be the only method of controlling it.

One other topic I want to just touch on is the resistance problems we have with one of our mustard species. It is treacle mustard or bushy wallflower. The ALS chemistry is not going to affect this winter annual **at all**, which includes Glean, Finesse, Maverick, and Olympus. We will have to do a better job at timing our treatments and managing this weed.

Last year we ran quite a bit of Huskie, a product from Bayer, and it worked very well. It needs to be applied in the spring to actively growing weeds. We will have to start getting away from the traditional one pass topdress and split it into two passes where we know we have resistance.

Our plan this year, since it's so late, is to go ahead and topdress all or the majority of the Nitrogen needs in the next couple months and add 1pt/acre of MCPE (2,4-D). The Finesse and Glean can still do us some good on the henbit, tansy mustard, marestail, and buckwheat. If you do have resistance we will have to see if you want to keep using Finesse for these weeds.

This spring, where we know we have resistance, we will come in with Huskie, using only water or another small shot of Nitrogen. This can all get confusing so feel free to call Kevin or myself to talk about your options.



New Product by Derek Schrader

Well winter has certainly arrived! As we begin to deal with the colder temperatures and potentially muddy conditions, we need to monitor intakes to insure nutrients, calories, and protein are being provided to offset the increased maintenance requirements.

While intakes generally increase during weather stress, keep in mind that there is only so much dry matter that can be consumed. Failure to provide adequate nutrition for several days in a row during long stretches of weather stress can greatly reduce the average daily and efficiency of those cattle, directly affecting your return on investment.

Water is also a nutrient that needs to be monitored. The lack of fresh water is a concern in cold temperatures; also watch for stray voltage in the electric waterers, as water intake can be greatly reduced in its presence.

We are adding a new product to our free choice supplement line!! The Crystalyx tubs have been an excellent option for those producers who want to provide added protein and mineral supplementation. The products have always been very consistent in terms of consumption and value.

One of the drawbacks of the program however has been “those tubs!” Well Hubbard has developed a way around retrieving and returning “those tubs!” Enter the BioBarrel. The BioBarrel is a single trip container that either breaks down or is consumed by the cattle as they consume its supplement. It is made of ground straw and soy flour, and contains no adhesives.

We will have the Natural 27 and BGF 30 formulas available in the 200# BioBarrels. I encourage those of you that utilize our Crystalyx products to try the BioBarrels and give us feedback on this new delivery method.

As we look to close out 2009 I would like to thank you for your business and encourage you to stop by or call with any questions or concerns.



Petroleum Comments by Matt Miller

December is here and with it some very chilly temperatures. Most everyone has done a good job calling and letting us know

how you want your fuel tanks winterized this year. For those that haven't or those that don't want to spend the extra money on the #1 fuel, we have treatments you can add to the fuel that will do a good job as well. Give me a call here at Navarre and we can discuss what will ultimately work best for your application.

Well we have been in a sideways range bound trade for the majority of summer and now fall. The same picture exists today that did back in the summer, ample supply and lackluster demand vs. economic optimism. But, as we come into winter, it's possible we will start to see these markets slowly pull back as demand historically weakens through the winter months. But, as always, please keep in mind that just because it's happened that way in the past doesn't mean it will continue to follow that same trend.

We have started to put out daily contract prices for the normal March through October timeframe. This doesn't mean you should jump right in and immediately contract 100 % of your needs. If you would like to get something locked in that's fine, but start with a percentage of your needs, and work from there. With the volatility that's always present in these markets, I believe the best thing we can do from a marketing standpoint is to layer our contracts in.

As I previously hinted towards, I feel the markets may be overdone to the high side due to optimism over the economy and weak dollar. I would guess we'll see some type of pullback in the market over the next month or so hopefully bringing us back to where we may consider locking in some of our years needs.

Please give me a call @ 785-479-2221 if you have any questions.



10 Yr Avg.

	Hi	Low	Hi	Low
June	86°	65°	84°	62°
July	85°	64°	92°	68°
August	84°	63°	90°	67°
September	76°	56°	81°	57°

NCKC Announcements

It's the Holiday season again, and that means year-end time. We would ask you to take care of all your year-end business by **5:00 P.M. on December 30th**, including prepays, payment on accounts and any other business. The deferred grain checks will be available for pickup on Monday, January 4th, 2010.

NCKC & J & R Anniversaries

Nov 12 th , 2008	Matt Miller
Dec 8 th , 2004	Laird Riffel
Dec 15 th , 1997	Rex McMahan
Jan 5 th , 1981	Dawn Wilson
Jan 6 th , 1979	Randy Rufener
March 1 st , 1983	Jeff Hostetter
March 21 st , 2005	Jason Ramey
March 28 th , 1994	Ross Coup
March 30 th , 2009	Logan Ryff
March 31 st , 1993	Mike Pauley
April 1 st , 1997	Kevin Whitehair
April 6 th , 1998	Guy Coup
April 8 th , 1995	Doug Stroda
April 17 th , 2007	Bob Lorson
April 30 th , 1993	Melinda Gantenbein

Weather Forecast by Mike Pauley

Well as I am writing this we have 4" of snow on the ground and there is a lot more coming with high winds, so let's talk about this past summer.

Needless to say, it was a lot cooler and wetter this summer than in the past and the fall crops proved that. June through September rainfall was 7.39" ahead of normal. The temperatures were lower and I have included a chart to show you the differences.

Now back to the upcoming winter. NOAA says that the El Nino is expected to be a dominant climate factor this winter. The outlook is for Equal chances on precipitation and 33% chance of warmer than normal temperatures, with periodic outbreaks of cold. They also state, that snow forecasts are dependent upon winter storms, which are generally not predictable more than several days in advance.



Upcoming Events

December 21 st	Winter Begins
December 25 th	Christmas Day
January 1 st	New Year's Day
February 2 nd	Groundhog Day
February 14 th	Valentine's Day
March 14 th	Daylight Savings
March 17 th	St. Patrick's Day
March 20 th	Spring Begins
April 1 st	All Fool's Day
April 2 nd	Good Friday
April 4 th	Easter Sunday