



MONTHLY NEWSLETTER



Picton

38 Cold Storage Rd.
Store: (613) 476-2171
Crops: (613) 476-9183
Fuel: (613) 476-1613

Foxboro

552 Ashley St.
Store: (613) 962-0769
Fuel: (613) 961-0731

Madoc

278 Lawrence St. W
Store: (613) 473-9040
Fuel: (613)-473-2499

www.countyfarmcentre.com

AGRONOMY CORNER

Hay Fertilizer - Fall is the time to put fertilizer on your hay field to give it the required nutrients for the next growing season. See the table below for the amount of nutrients removed in a crop of alfalfa. Remember these numbers should be multiplied by the yield and number of cuts taken.

Nutrients Removed in Alfalfa (lb of nutrient/ton of alfalfa)		
Nitrogen	Phosphorus	Potassium
56	15	60

GPS Soil Samples – After your wheat comes off is an excellent time to get your fields GPS soil sampled. Soil sampling is the first step in Precision Ag and leads to pinpointing problem areas and site-specific recommendations. Once the samples are done, variable rate fertilizer can be applied.

WHEAT SEEDS



Soft Red
Emmit
Branson
DS572SRW
Hard Red
HY301-HRW
Soft White
Ava

Keep in mind fall is an excellent time to apply Potash and rebuild your levels.

STORE NEWS

Let us help you prepare for the colder months ahead!



We carry lots of pest control products, from rodent traps to deterrents and insect killers too.

We can also provide you with winter fluids like Anti-freeze for your plumbing and auto needs.

Don't forget to pick up your bushels, pecks, quarts, or liners for this fall's harvest!



FEED DEPARTMENT

The Challenges this Year's Hay Crop Poses for Milk Production Across Ontario

It's been quite a contrast between the growing season of 2016 and 2017 and we are certainly seeing the results when it comes to getting milk volumes where they need to be on a lot of our Ontario Dairy Farms!

Here at home I'm seeing a wide variation in crude protein levels combined with lower than normal NDF-D 30 percentages and very high uNDFom240



, which is the unusable part of the forage, on a lot of our analysis reports. My take away is not enough sunlight and too much rain that delayed harvest and potentially caused Lignin levels that bind the cellulose and Hemi-cellulose to be very tight. This would cause slower fibre fermentation and degradation in the rumen due to the lack of sugars, pectins, fats and starches that are released from the cellulose and hemi-cellulose and this would ultimately effect dry matter intakes and milk production.

When cellulose and hemi-cellulose are broken down in the rumen they create a propionic volatile fatty acids (VFA). The less VFA the less milk volume.

So what to do on these higher hay forage diets this year. The fix may be to add more non-fibre carbohydrates (NFC) to the diets which can be corn silage, high moisture corn, bakery waste, straight sugar or wet brewers, basically anything with fast sugars. Non-fibrous carbohydrates (starches and simple sugars) are fermented rapidly and almost completely in the rumen. They increase the energy in the diet, which improves the energy supply and determines the amount of bacterial protein produced in the rumen. Adding more dry corn can work as well but maybe harder to find the right amount without causing acidosis. Another option

is to add an enzyme to help unlock these sugars and pectins from the forages but you need to have enough higher quality forage in the diet for it to work. Alltech makes such a product and it has proven to be very effective breaking down lignin and helping to increase milk yields. Mike and I would be more than happy to see if Fibrozyme is a fit for your ration.

Hope this gives you some food for thought. Be Safe!

Dave...

Did You Know...

...you can receive your monthly statements by email? It's fast and easy to get started.



There's three ways to sign-up:

- Go to countyfarmcentre.com and sign-up on the front page.
- Email us at support@countyfarmcentre.com
- Or call us at (613) 476-2171

Stay ahead of the cold weather by coming in and stocking up on **Wood Pellets!**

They come in Hardwood or Softwood, and if you purchase by the skid you receive a discount!



Call **613-476-2171** for more information!