

Breaking Ground

(in Northeastern Ontario) Fall 2015

A Publication of the North Eastern Ontario Soil & Crop Improvement Association (NEOSCIA)

Algoma Summer Crop Tour

By Tim Harris, Algoma Soil & Crop Improvement Association

On August 13th the Algoma Soil and Crop Improvement Association held its annual summer tour. This year it was focused on St Joseph Island and three venues were visited. The first was Tom and Gail Murdock's farm. They have a lovely, well built produce stand that is frequented by locals and vacationers. Tom and Gail's sweet corn has a widespread fame though it will ripen later than usual because of the dry summer. Tom showed the 42 people assembled around his farm the eight acres of corn planted the last two weeks of May. Along with the lack of rain (half an inch since July first) the crop has been taking a hit from Canadian Geese. On a good year Murdock's produce \$2000 an acre from corn. Tom also showed people the haskap berries that were planted three years ago and Saskatoon berries planted six years ago. The haskaps had bloomed in late May but were hit with a frost.

Then everyone walked down the road to look at John Hawdon's crops. The weaknesses and strengths in the fields were discussed. Most of the crowd moved on to the Jocelyn Township town hall (also know as the Snowmobile club) to listen to a few speakers.

Terry Phillips from the Co-op Regionale Temiskaming Ag Centre discussed practical tools and techniques to improve soil health.

David Trivers from OMAFRA talked about his experimentation with out Weed Wicker. This is a pull behind machine that has a cloth set at the height of weeds and the glyphosate rubs off onto the weeds and not the lower plants. Dave said it is recommended to do two passes for best control and to follow instructions from the Weed Wicker company. His tip was to practice with water first.

Claude Pélouin talked about Growing Forward 2. He will be doing information sessions in this area. His highlights were that without the course there can be no merit. The course will be 2- 4hour classes which will be available this fall.

Food and drink as well as conversation were enjoyed by the participants.



This newsletter is published 4 times per year. Articles can be submitted in either English or French. Please supply translation, if available.

Material in this newsletter is based upon factual information believed to be accurate. Action taken as a result of this information is solely the responsibility of the user. We reserve the right to edit articles.

Publication Number:

Send articles to:

Brittany Roka
Box 2976, New Liskeard ON,
P0J 1P0
Tel: (705)647-4782
Fax: (705)647-4783
broka@farmnorth.com



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Rapid Development of Forest into Farmland: OSCIA 3 Year Research Project Update

By Stephanie Vanthof

Objective: assess the soil impacts and crop growth potential of land after clearing using mulching/subsoiling; develop a business case to assess the economics, such as return on investment, of various methods of land clearing.

Sites: 12 acres in Temiskaming District, **William Runnalls**; 12 acres in Cochrane District (Stock), **Jason Desrochers**; 10 acres in Cochrane (Leitch), **Carl Dodds**

Equipment: Surface mulching completed with the **CMI C400L** & the **CMI Twister II C175**, which use impact hammers rather than blades to extend the longevity of the equipment. Roots were broken down and woody residue was incorporated in the soil using the **FAE SFM 225** subsoiler.

Mulching: average of 1.4 hours/acre; Dodd's property was the densest re. tree cover and took 1.6 hrs/acre, Desrochers property took 1.3 hrs/acre and Runnalls property, by far the least dense due to clearing and stumping in 2012, took 1.4 hrs/acre due to difficulty mulching above-ground stumps.

Tip: When removing trees prior to mulching, leave stumps in the ground so the mulcher can 'grab' them securely.



Funding for this project was provided through a Tier Two grant supported by the Ontario Ministry of Agriculture, Food and Rural Affairs and the Ontario Soil and Crop Improvement Association.



Subsoiling: Average of 2 hours/acre, depth of subsoiler was dependant on each site; Dodd's property, due to amount of woody residue, required a backwards & forwards pass; Runnalls property required only one pass; Desrochers property was too wet and will be attempted at a later date.

Subsoiling is more effective and efficient in dry conditions; ideally, mulching would be done in late fall/early winter followed by subsoiling the subsequent summer, to allow adequate time for the breakdown of woody residue and root systems.



Land preparation: Scrub/junk brush as of June 2015, mulched in July 2015 and subsoiled in August 2015

FAE SSM

By Guy Normand, GB Equipment

Le SFM est un stabilisateur de sol qui incorpore uniformément les résidus forestier pour transformer les terres a bois en terre cultivable.

Il entre principalement en jeu, lorsque les arbres commercialisables ont été récoltés et que les résidus forestiers ont été broyés en fine particule par un broyeur forestier à haute vitesse.

Pour de meilleur résultats, il est préférable d'attendre quelques semaines entre le broyage des résidus forestiers et l'incorporation au sol par le SFM. De cette façon, les résidus reposants au sol ont le temps de sécher ce qui permet de les hacher plus finement et d'accélérer leur décomposition une fois dans le sol.

Comme son nom l'indique le stabilisateur de sol incorpore directement au sol les arbustes, les souches et les racines, ce nouvel attachement innovateur à une profondeur de travail pouvant atteindre jusqu'à 12 pouces.

L'utilisation du SFM pour l'agriculture à des avantages significatifs en comparaison aux anciennes méthodes qui consistaient à brûler et enterrer les résidus plus grossier.

Next Steps: amendments per soil recommendations, clover mixture planted in 2016 for nitrogen fixation, business case development

Soil analysis, agronomist report & annual report can be found when completed at www.farmnorth.com, under Associations, NEOSCIA.

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NLARS Research Update

By Stephanie Vanthof

John Kobler lead the Twilight Tour at NLARS on July 23, 2015. The station has approximately 4,500 plots planted this year, including almost 400 at the Verner Test Site, which is experiencing a good year so far after last year's lack of planting due to wet conditions. Trials this year include winter & spring wheat screening and performance trials, faba beans, buckwheat and corn variety trials, oat home tests, preliminary and registration trials, soybean performance trials and forage trials among others.

Two large research projects this year include:

1. Intensive Oat Management Trial that aims to evaluate the response of additional high management practices on the milling quality of Northern Ontario grain oats. The trial includes 216 plots with management practices including varied levels of nitrogen, various growth regulators and fungicide on Dieter, Morrison and Camden oats.

2. UQAT Stockpiling aims to provide producers with longer periods of grazing by assessing stockpiling options with alfalfa and different grasses, mowing at different stages, leaving the pasture during the fall and then sampling in the winter to assess nutritional content.

Past and future research results can be found on www.farminorth.com under Research in the Temiskaming District.



West Nipissing Chamber of Commerce Feast on the Farm – Festin à la Ferme a Success! (Excerpt from press release)

The West Nipissing Chamber of Commerce Feast on the Farm – Festin à la Ferme was a smashing success Sunday, August 9th with 300 attendees and a sold out event. “We all benefit from eating locally, local foods are fresher, they taste better and purchasing local food helps support our local economy” said Chamber President Kathleen Thorne Rochon. The Feast on the Farm event consisted of six locally sourced food booths, one wine sampling station, wagon rides, as well as, local entertainment and a licensed bar. The event was organized by the West Nipissing Agricultural Task Force committee in conjunction with local food producers and chefs to increase awareness for the meats, produce and value added food products that are available locally.

By highlighting local farmers and chefs, attendees learned how to incorporate local food into their daily lives by purchasing from farm gate operations, CSA

programs, participating in agri-tourism and choosing restaurants that include locally sourced food on their menus.

The Chamber President Kathleen Thorne Rochon would like to thank the organizers, Ryan Spence and Isabelle Legault- Spence of Field Good Farms, Mitch Deschatelets & staff of Leisure Farms, Greg & Mira Melien of Boreal Berry Farm and Winery, Rob Majury of Stack Brewing Corporation, Julie Poirier Mensinga of OMAFRA, Isabel Mosseler and Pat Keough of the West Nipissing Chamber of Commerce Board of Directors and Chamber Staff Jolene Lisk and Sylvie Quenneville.

Sponsors include the Municipality of West Nipissing, Foodland Ontario, the Tribune, North Bay Nipissing News, Le Loup, Le Voyageur, Canadian Tire, Michaud & Levesque and Alouette Bus Lines.

Temiskaming Crops Coalition Summer Crop Tour

By Stephanie Vanthof

The Temiskaming Crops Coalition 2015 Afternoon and Twilight Crop Tour was held on July 23, 2015 at Koch Elevators in Earlton, ON. Approximately 100 people participated in the Afternoon Tour, which included a BBQ lunch followed by 7 stops at local farms. Some highlights of the afternoon tour included:

- ⇒ Soybeans under plastic, new to Temiskaming: the field was seeded on May 15th, and though it suffered some frost damage the beans are in stage R3 to R4 and the pods are moving up the stem. The beans under plastic are approximately 2-3 weeks ahead of those not under plastic, but at an additional cost of about \$150/acre.
- ⇒ New pulses are doing exceptionally well in the district. Faba beans were seeded on May 1 with no-till and emerged after approximately 3 weeks. Approximately 500 acres are under faba beans this year, contracted by W.A Pulse Solutions in Alberta through TECC Agriculture in Temiskaming. W.A Pulse Solutions and TECC Agriculture also see increasing opportunity and potential with green peas, as the hardy crop survived a late frost and looks fantastic.
- ⇒ Nitrogen trials on wheat are assessing how much nitrogen is necessary to optimize wheat production. These trials will also use a Greenseeker, attached to a sprayer, to collect real time information about field variability and provide instant and precise nitrogen application where needed.

Some soybean crops in the District are experiencing little to no nodulation. A brief diagnostic session was held with Diane Hall of BASF, who stated that when planting soybeans in new-to-soybean fields, double inoculation is necessary as the soil doesn't have an existing population of rhizobia, which allow the plants to fix

nitrogen. This double inoculation can be done using inoculated seed combined with peat or liquid inoculant at seeding. If a producer has a crop with few nodules, an additional 50 pounds of nitrogen can be added to the field to improve yields.

After the afternoon tour, around 170 enjoyed a BBQ dinner at Koch's. This was followed by the Twilight tour at the New Liskeard Agricultural Research Station.



Field stop during the afternoon tour showcasing a strong green pea crop courtesy of W.A Pulse Solutions and TECC Agriculture

Beef Research at NLARS

By Chloe Gresel, Researcher

The New Liskeard Agricultural Research station was taken over this summer by steers on forage diets. Two trials have taken place over the summer looking at supplementation strategies for forage finishing beef to see if we can decrease the amount of time needed to finish animal on a forage diet.

39 black angus or angus cross steers were housed on alfalfa pastures and were given one of three treatment diets. The first group was fed strictly pasture, the second was fed 1% of their body weight in corn along with the alfalfa pasture and the third group was fed 0.5% of their body weight in corn along with the alfalfa pasture. The goal of the research is to see if it is possible to decrease the amount of time needed to finish cattle on a mainly forage diet, while still maintaining the healthy fatty acid profile that is found in meat that has been forage finished.

Continued on next page

Beef Research at NLARS *(con't)*

By Chloe Gesel

The 39 pasture steers are being compared to 12 steers that are on a traditional high concentrate diet consisting of 78% corn, ground dry hay and a protein and mineral pellet. With bloat being a large concern in the pasture cattle (the pastures are at least 85% alfalfa) two methods of bloat control were used, rumensin blouses and alfasure metered out into the drinking water of the cattle. Gains in the cattle were lower than expected during the first half of the trial and this is partly due to a heat wave that depressed intakes of the cattle. At the September 1st weigh in the pasture only group gained an average of 2.3kg per day over the previous two weeks, while the 1% corn group gained an average of 2.7 kg per day. The steers will be sent to Cargill at the end of September where a rib section will be collected from each carcass. The rib sections will then undergo several tests including fatty acid profile, shelf life, tenderness, colour, drip loss, and shear force. A taste panel will also evaluate the carcasses for juiciness, tenderness, and flavour.

The second experiment that took place had 53 steers housed inside on a high or low crude protein alfalfa silage. The steers were then supplemented with a by-pass protein at 0, 4 or 8% of the diet on a dry matter basis. Each steer's individual feed intake was monitored with the use of Calan gates. The goal of this trial is to see if qualitative or quantitative protein plays a role in why beef animals take longer to finish on forages than high concentrate diets. By-pass protein or rumen undigestible protein, is a protein source that mostly passes through the rumen of the animal undigested, and is only absorbed by the animal when it reaches the small intestine. The by-pass protein that was used in this trial is a mix of 45% corn gluten meal, 45% blood meal and 10% feather meal. All the steers were weighed every two weeks to track progress and were ultrasounded at crucial points during the trial to look at the amount of marbling in each steer.

These two trials will be repeated next summer in New Liskeard with different supplementation rates based on the results from this summer's studies.

Eat Algoma Local Food Festival

By Sandra J. Trainor, RAIN Event Coordinator

The Eat Algoma Local Food Festival celebrated its 2nd Annual on Sunday August 30, 2015. With the backdrop of the Canadian Bushplane Heritage Centre along the St. Mary's River in Downtown Sault Ste. Marie, ON, the event was considered to be a huge success. The event attracted over 400 ticket purchasers and well over 1,500 attending.

The highlight of the afternoon festival was the unique and delicious appetizer-sized food offered by each of the participating 6 chefs/restaurants, who showcased their talents and skills using ingredients sourced from local Algoma area farms and producers.

Guests mingled between the tables of the restaurants, while listening to live music, chatting with their companions and met up with friends. The public was invited to attend the event and enjoy a cash bar offering Ontario Craft beers, Ontario VQA wines, Ontario hard ciders, and Ontario produced spirits. As well, Lock City Dairies made sure that festival goers

got their own ice-cream and sampled their milk products.

A farmers' market area was set up on the tarmac outside the hangar doors where shoppers could browse and pick up their week's shopping. A children's area was set up too, with face-painting, clay crafts and even live Alpaca's to pet. We are so impressed with all of our participants of Eat Algoma, in particular our chefs and restaurants who went above and beyond and prepared fantastic dishes showcasing the BEST of Algoma grown and produced food! They donated their time, staff and most of the food and supplies for the event. Make sure you visit their establishments to say thanks and enjoy a wonderful meal!

Eat Algoma is about learning where our food comes from, who grows and produces it, what is available in our own backyards and showcasing the many ways it can be prepared.

FarmNorth is Live!

FarmNorth is a 'one-stop shop' for people interested in finding out information related to agriculture in Northern Ontario. FarmNorth was developed in consultation with districts across Northern Ontario and after a year in development, was launched on September 1, 2015.

Visit farmnorth.com to find:

- district profiles
- agri business & service directories
- commodity organization contacts
- community information
- relevant ag research
- and much more....



Additionally, producers are encouraged to participate in the Agricultural Forum at www.farmnorth.com to connect, troubleshoot and collaborate on agriculture across the North!

NOFIA would like to thank the producers who attended the development workshops as well as the Ontario Ministry of Agriculture, Food & Rural Affairs and the Ontario Federation of Agriculture, who are partners in this endeavor. NOFIA would also like to thank FarmNorth's district development partners, for their input and support in developing their district's hubs.



Future development on FarmNorth includes producer testimonials/profiles, calendar of events, real estate information and translation in French. Stay tuned for the Muskoka District, coming on-line in November 2015! Please contact Brittany Roka for further development input—FarmNorth will be a dynamic, evolving information source and additional information is greatly appreciated.

Advertising Opportunities

If you are interested in advertising on FarmNorth or having a 'one-pager' for your association/ agricultural organization on FarmNorth, please contact Brittany Roka to discuss!

Brittany Roka

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John Vanthof MPP/député
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247 Whitewood Ave., Box 398
Pinewoods Ctr., Unit 5
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Breaking Ground (in Northeastern Ontario)

Representation for barley and oats

PRODUCERS WELCOMED TO GRAIN FARMERS OF ONTARIO

BARLEY AND OAT producers now have official representation in Ontario. As of July 1, 2015, they have been added to the mandate of Grain Farmers of Ontario.

“We are proud to see our organization grow with the inclusion of these two important grain crops,” says Mark Brock, chair of Grain Farmers of Ontario. “We look forward to supporting the province’s barley and oat farmers, just as we do our current membership, through research, market development, advocacy, and public and member relations.”

Grain Farmers of Ontario’s staff are already executing plans to include barley and oats in their projects.

Among the first steps within market development will be to develop a profile of the current barley and oat markets, identify opportunities for targeted growth, and make barley and oat projects eligible for funding through Grain Farmers of Ontario’s Grains Innovation Fund.

Research priorities for the crops will be determined through discussions with farmers and the team is

exploring the option of a targeted call for proposals to kick-start barley and oat research projects funded by Grain Farmers of Ontario.

The communications team is actively integrating barley and oats into all communications, both internal through the Ontario Grain Farmer magazine and Bottom Line e-news, and external through the Good in Every Grain campaign.

Questions about representation for barley and oats? Call Grain Farmers of Ontario at 1-800-265-0550 or visit www.gfo.ca.



Welcome reception for barley and oat farmers September 15th in the Grain Farmers of Ontario tent at Canada’s Outdoor Farm Show

Muskoka Farms Matter/Soil Health in Muskoka

By Stephanie Vanthof

The Ontario Federation of Agriculture held Muskoka Farms Matter on August 30, 2015 to help revitalize the Federation in that district and bring Muskoka producers together for a day of fun and learning. The Muskoka Soil and Crop Improvement Association was also present to sign up new members.

Christine Brown, the Nutrient Management Field Crops Program Lead with OMAFRA, spoke about soil health in the Muskoka District. Soil health is important for productive, sustainable agriculture and the District’s lack of access to inputs & operators can impact the type of soil management strategies used. During the soil talk, 2 soil pits were visited. The first had a healthy layer of topsoil, likely helped by an annual manure application. The high level of organic matter helps hold soil together, encourages the growth of soil microorganisms and speeds up nutrient cycling, which can help offset certain chemical

imbalances in the soil. The 2nd pit lacked root structures and had red/grey mottling due to the oxidation of iron deposits and a fluctuating water table, which could signify inadequate drainage. The soil in both fields was worked the same way but the first field benefited from healthy manure application.

Many producers in Muskoka have attributes that are advantageous to soil health, including small fields that don’t allow much soil movement and rotations that include pasture/forage.

pH: If the soil pH is too high or low, nutrients such as phosphorous might be present in the soil but are unavailable to the plant. The lower the pH buffering capacity, the more lime needed to improve pH. Lime is better added in smaller amounts more often, keeping under 3 tons/year (marginal changes with greater amounts).

Tournée des récoltes Sudbury est et Nipissing ouest

By Pierette Desrochers, OMAFRA

Cette année notre tournée a eu lieu en collaboration avec la Fédération de l'agriculture locale. En matinée, nous avons eu une session d'information sur la sécurité routière des machineries agricoles. Peter Jeffery de FAO (OFA) a fait une revue des règlements routiers en ce qui a trait des machineries agricoles. On a fait un survol de l'utilisation sécuritaire des VTT à la ferme. Le chef Chuck Séguin de la Police municipale du Nipissing Ouest était de la partie. Chef Séguin nous a rappelé que la sécurité s'applique à tous les secteurs de notre économie incluant l'agriculture qui est très présente dans le Nipissing Ouest. Il nous rappelle de rendre « visible » quand on est sur les routes. (lumières, encart triangulaire orange/rouge, etc) Ce partenariat entre les producteurs, le corp policier et la fédération locale nous a permis de créer des liens et d'approfondir nos connaissances en matière de sécurité. Ce jour même, nous avons discuté d'une stratégie pour installer des panneaux routiers qui avertissent de la présence des machineries agricoles sur la route dans notre région. Un projet à suivre.

Janet Parsons et John Lingley de KSmart Associates nous ont partagé de l'information pour les projets de tuilage systémique qui se réalisent partout à travers notre région. West Nipissing East Sudbury Ag Support Project Inc (WNESASPInc) prépare une quatrième application pour les fonds du Patrimoine du nord. Si vous êtes intéressé de faire de la terre neuve ou d'installer du tuilage systémique, contacter John ou Janet au jparsons@fibreop.ca ou au 705-753-0730 aussitôt que possible. Un quatrième projet se concrétiserait en 2016.

Clément Rainville nous a parlé de son champ de pois et orge. Clément a choisi de semer un mélange pois et orge pour faire un grain énergétique pour ses vaches laitières. Ce mélange est récolté et entreposé à haute humidité. (Ceci remplace le maïs humide de une ration). Le champ fut semé le 4 mai dans un sol à pH de 6.5. Il a mis 90 lbs/acre d'orge Alma (96 jours maturité) et 30 lbs/acre de pois CDCMeadows (90 jours maturité). Il a récolté le champ le 1 août à des taux d'humidité de 18 à 20%. Il estime avoir récolté 1.7 tonnes/acres de ce mélange. Les vaches laitières semblent bien aimer le mélange. Il faudra un mois avant de voir les résultats dans la composition du lait. Ce mélange orge/ pois haute humidité permet à Clément de réduire ses couts d'intrants pour son troupeau et maximiser l'utilisation de ses sols en cultivant des récoltes qui sont bien adapté au nord. On doit s'assurer d'avoir des pois pré-inoculés lors des semis. Il est impossible de contrôler la « Folle Avoine » dans cette culture. Même s'il

est impossible de contrôler tous les mauvaises herbes, l'utilisation du Clovertox a donné un très bon contrôle.

La fédération de l'agriculture locale nous a offert un diner pizza.

En après-midi, nous nous sommes rendu aux parcelles d'essai de l'Université de Guelph /station de recherche New Lisheard de Verner. John Kobler nous a expliqué les différentes cultures qu'il s'y trouve ainsi que parler des différentes observations remarquées à travers la saison. Ces parcelles seront récoltés on estime, vers la mi-septembre.

Tout juste en face des parcelles d'essai, nous avons visité le champ de Steven Roberge. Ce printemps, après le constat de la perte de son champ de luzerne, Steven a essayé un semis direct de ray-grass pour compenser la perte de la luzerne. Une première coupe a été faite en juin et Steven se préparait à en faire la deuxième coupe dans les prochains jours. L'expérience n'a pas été appréciée mais au moins il n'a pas perdu la production de foin au complet. Les questions à se poser sont : est-ce qu'on a choisi le bon cultivar de ray-grass pour notre climat, est-ce le manque de pluie suivant la première coupe qui fait que le volume de la deuxième coupe est presque nulle? Les vaches laitières n'auront pas manquées de fourrages mais ça, grâce à d'autres champs de foin. Bel effort quand même!

Nous avons ensuite visité la nouvelle variété d'avoine Camden chez Mitch Deschatelets à Sturgeon Falls. Mitch nous a aussi montré ses champs de fève soya. Il a faite l'essaie de semer certaine fèves à 7" et d'autres à 14".

Plus de 35 participants sont venu à la tournée. Merci au comité de sols et récoltes de Nipissing Ouest et Sudbury Est d'avoir mis sur pied une belle journée fort éducative!

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The Algoma Table

In May of 2015, the Rural Agri-Innovation Network hosted a Farmer-Chef “speed dating” event with the intent of connecting both producers and food buyers to set up productive, long-term purchasing relationships. The event began conversations about the potential for food buyers to source locally for their business. This led RAIN to begin researching options for making those relationships develop a little easier. After some trial and error, RAIN developed *Algoma Table*, an online market software that easily connects both food buyers and producers. Algoma Table launched at the end of July 2015 and is powered by Provender, a Montreal based software provider that has had success in other major centres in Ontario, Quebec, and into the United States. Provender is dedicated to improving communication between buyer and farmer through technology. They are committed to keeping more of the profits on-farm through building direct relationships.

Algoma Table allows restaurants, food buyers, and wholesalers to engage in purchasing local product (while supporting the local economy), using methods that are not unfamiliar to many businesses. The software allows for food buyers to enter in their weekly orders, set up delivery schedules, while easily integrating local food into their menus and supply with ease. According to Ben MacKinnon, coordinator for Algoma Table, “As the software develops, restaurants and food buyers grow increasingly enthusiastic about supporting local food producers. They see real value in small business supporting small business in the Algoma District, all the while procuring consistently fresh, quality produce and proteins to serve to their patrons.” As of the end of August, RAIN signed up 14 restaurants and 10 producers with over 350 products on the marketplace.

For more information about Algoma Table, please visit www.rainalgoma.com/table

RAIN Research Brief

As of July, RAIN staff has been releasing a series of Research Notes that provide detailed information on specific topics of interest to farmers in Algoma and northern Ontario. Topics thus far have included:

- Cost-benefit of on-farm grain & oilseed storage (July)
- Extending your grazing season (Aug)
- Soil health and its importance to your farm (Sept)

Each Research Note includes relevant literature on specific topics as well as practical tips specific to farming in the north.

The most recent note on soil health includes theory and practice related to:

- Assessing the composition and texture of the soil
- Retaining nutrients and building layers of humus

- Improving aggregation and stability through non-legume species
- Maintaining beneficial mycorrhizal fungal networks

To download and view RAIN Research Notes you can visit www.rainalgoma.ca/research

Additional topics will be released in the upcoming months including:

- Consumer preferences on ‘local food’
- Keyline subsoiling – what, why and how?
- Importance of herd breeding and genetics
- Dealing with climate variability

If there is a specific topic that you would like more information on or if you would like copies of these Research Notes, contact Saul Fraleigh, RAIN Research Technician at sfraleigh@ssmic.com 705-942-7927 x3034

N.E.O.S.C.I.A

North Eastern Ontario Soil and Crop Improvement Association

Serving the Northern Agricultural Community since 1966

N.E.O.S.C.I.A— Executive

President:

Dan Cook (705) 272-3964

Secretary/Treasurer:

Neil Tarlton (705) 692-7276

Ontario Soil and Crop Association Regional Director

*Algoma, Manitoulin, Sudbury, Nipissing, Parry Sound,
Muskoka, Cochrane, Temiskaming:*

Mack Emiry (705) 865-2249

District Soil & Crop Assoc. Contacts

Algoma:

Harold Stewart (705) 842-0392

Cochrane:

Adrian Struyk (705) 272-5672

Manitoulin:

Marca Williamson (705) 859-2528

wfarms@amtelecom.net

Muskoka:

Ken Pearcey (705) 385-2844

Nipissing West/Sudbury East:

Steven Roberge (705) 594-9370

Parry Sound/Nipissing East:

Klaus Wand (705) 724-2314

Sudbury West:

James Found (705) 969-4597

Temiskaming:

Sheila Randell (705) 647-7195

Ministry of AGRICULTURE,
FOOD and RURAL AFFAIRS



Northern Ontario Regional Office

Ministry of Agriculture, Food and Rural Affairs

P.O. Box 521, Hwy 64

Caldwell Township Building, Verner, ON P0H 2M0

TOLL FREE/General Inquiry 877-424-1300

FAX (705) 594-9675

firstname.lastname@ontario.ca

Regional Manager, Northern Ontario
Monique Legault

Client Service Representative
Gisèle St. George & Monique Roberge

Agriculture Development Advisor (North Region)
Julie Poirier Mensinga

Agriculture Development Advisor
(Nipissing, Parry Sound & Sudbury East)
Pierrette Desrochers

THESSALON

1 Colver Rd., RR#1, Thessalon, ON P0R 1L0

Agriculture Development Advisor

Algoma Dave Trivers

GORE BAY

Box 328, 35 Meredith St., Gore Bay, ON P0P 1H0

Agriculture Development Advisor

(Manitoulin & West Sudbury) Brian Bell

NEW LISKEARD

Box 6008, 280 Armstrong St., New Liskeard, ON P0J 1P0

Agriculture Development Advisor

(Temiskaming & Cochrane) Daniel Tassé

Agriculture Development Advisor

(North Region) Barry Potter

Beef Cattle Production Systems

Program Lead Tom Hamilton

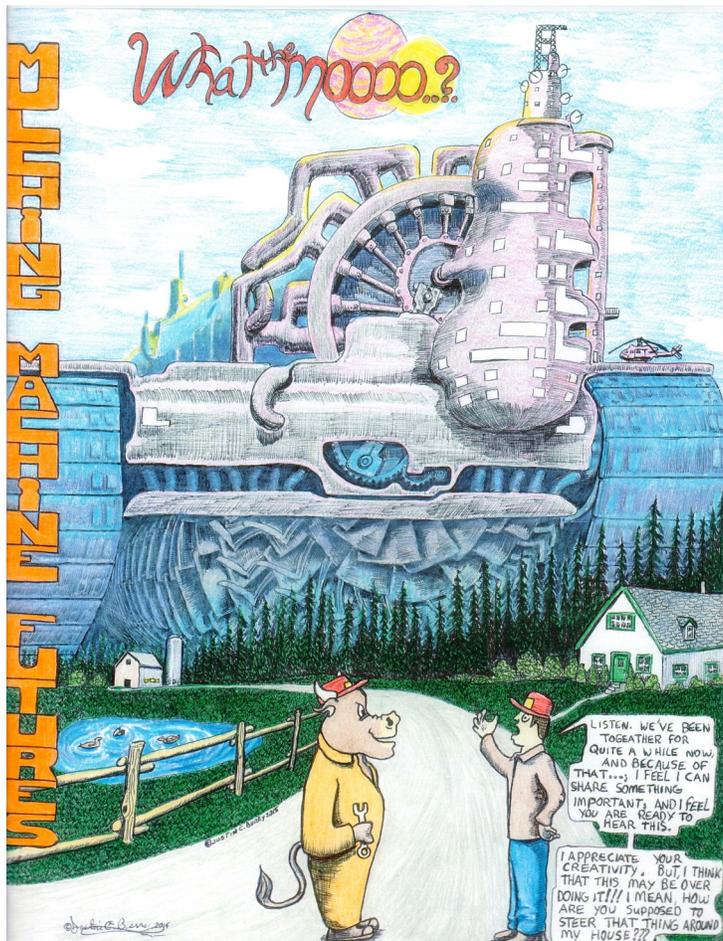
Ag Snapshot in Northwestern Ontario

Dr. Tarlok Sahota, Director of Research and Business at the TBARS, took over as President of the Canadian Society of Agronomy on July 29, 2015. Congratulations!

TBARS Crop Tour (July 23, 2015) - showcased wheat variety trials, barley varieties for feed, forage and malting purposes, blue tinge Ethiopian emmer wheat & gold harvest bush peas.

Thunder Bay Soil & Crop Summer Tour (July 28, 2015) - producers visited multiple sites, including forage trials, fungicide trials and a project at Trumar Farms looking at drone capabilities in assessing crop stress before it becomes an issue.

The Rainy River Soil & Crop Summer Tour and EARS Tour (July 29, 2015) highlighted soybean and corn variety trials, Alltech Crop Science canola trials and wheat, barley & oat variety trials.



This month's artwork comes from Justin Burry of Englehart. View more of his work at <http://justin-burry.tripod.com>