



Heartland Regional Soil & Crop Improvement Association

Serving Members of Soil and Crop Improvement Associations in the Counties of Huron, Perth, Waterloo and Wellington

Volume 7 Issue 3

SEPTEMBER 2007

OSCIA

Mission Statement

To communicate and facilitate responsible, economic management of soil, water, air and crops.

For more information visit www.ontariosoilcrop.org

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Humour Goes A Long Way After Farming for Four Decades

Drudge Family, Wroxeter

Drudge Family

John & Elizabeth Drudge married in 1967 and moved from Markham with John's parents Fred and Anna to farm on the C Line of Howick Township. John and Elizabeth began with 30 sows farrow to finish, feeder cattle, barley, mixed grain and hay. Today with their 3 sons and their families, which include 3 daughters-in-law and 11 grandchildren, they farm 1600 acres in Huron County.



Drudge Family (l to r) Jeff, John, Elizabeth, Roger, Logan (front), Jerry

A Good Sense of Humour Helps

They have seen a few changes over four decades and a good sense of humour goes a long way when farming gets challenging. When the changes

are all summed up John and Elizabeth say that the basic difference between today and when they started is "you can loose money three times faster"!

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This Issue is Sponsored By

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The Heartland News is distributed four times a year to members of the Soil and Crop Improvement Associations of Huron, Perth, Waterloo and Wellington. If you are interested in receiving this newsletter or if you need to change an address please contact the editor Ruth Knight. Comments, ideas, sponsorships and articles are welcome.

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Comments from the RCC

Greetings everyone. What a challenging summer for growing crops and raising livestock with a lot less rainfall than we are used to. Despite the challenges we are still looking forward to planting the winter cereals and tallying the results of this year's crop. So watch for a schedule of fall meetings and reports in the next issue in November. This newsletter issue highlights a couple of summer events.

In July the Heartland executive hosted a summer bus tour for the first time and by all accounts it was very successful. See the feature story in this issue.

Heartland and Golden Horseshoe Region along with OMAFRA, University of Guelph and industry sponsors hosted the annual FarmSmart Expo Diagnostic Day at Elora. A few presentations have been highlighted in this issue. Perhaps you are starting to look at your 2008 calendar so remember to note January 19th for FarmSmart Conference day in Guelph.

The attendance of Soil and Crop members at Outdoor Farm Show was very good. We hope that you were able to use your complimentary ticket and also that along with a friend, you enjoyed the brunch.



The changes to the newsletter look and paper content that started with the June issue have been well received. The paper contains 100% post-consumer fibre which is manufactured using biogas energy without chlorine. Any comments on the newsletter are appreciated.

Thank you to the newsletter sponsors for their contribution and for supporting agriculture in the Heartland Region.
Happy Harvest Ruth Knight

(Continued from page 1)

More Cash Cropping with Expanded Land Base

In 1990 they began doing more cash cropping. As the boys got married and needed a place to live the land base began to expand. In 1998 they built a new pig barn and expanded the hog operation to 90 sows farrow to finish. The barn was fully slatted with partial slats for the dry sows. The feeding system became more automated and used a complete ration from purchased feed. All of the manure was changed to a liquid system. John looked forward to the changes that reduced his labour requirements. Yet 1998, as many people remember, was a period of low prices for hogs which at the lowest point brought only \$38 for a finish hog. This is when the family researched the meaning of their family name. Their name comes from the word “drudgery” which means hard work or toil for little or no pay. Perhaps this solidified their commitment to keep moving ahead.

Transition to No Till

The changes to the livestock lead to a further emphasis on cash cropping. The increase in the land base also increased the work load and equipment requirements. In the fall of 1998 the transition to no-till began with no-till winter wheat. They used a Sunflower drill to no-till soybeans and wheat. In 1999 they made a few modifications to the JD 7000 planter for no-till corn. In 2003 when it was time to trade the corn planter it was replaced with a Case IH 1200 planter. In 2005 they purchased a Case IH 15” solid row planter for soybeans. While all the family supports the change, Elizabeth has fond memories of the till-



Case IH 1200 planter



Sunflower Planter with Coulter Cart

age work she enjoyed with the 300 hp tractor and 50 foot cultivator.

3 – Way Crop Rotation

In 2001 the cattle were sold along with all of the hay equipment. They considered hay a risky cash crop and many of the haying activities conflicted with other operations. The 1600 acres is divided evenly into the 3-way crop rotation which includes corn, soybeans and wheat underseeded with red clover. When the opportunity permits they also include oilseed radish or field peas as cover crops. All of the land is within 4 miles with similar soil type; predominantly Harriston loam.

Fertility Program

The pig manure is custom applied with a drag hose in September or October after beans and before winter wheat. There is enough manure to apply to 100 acres per year within 1 km of the barn. The manure is surface applied and the winter wheat is no-till drilled with a coulter cart. The goal of the fertility program is to supply nitrogen plus phosphorous and potash to crop removal levels. The corn receives liquid and dry starter at planting and 28% nitrogen as a side dress fertilizer in June. Soybeans receive a broadcast application of potash before planting and no starter. The wheat receives a liquid starter or liquid pig manure before planting. Soft red wheat receives dry broadcast nitrogen in one application and hard red receives a split application of nitrogen. The Drudges often get a

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protein premium on their wheat depending on the weather.

Expertise of Others

The Drudges use the crop consulting services of Mervyn Erb of Huron Ag Vise. The consultant provides independent advice on varieties, pest controls, fertilizer recommendations, pre-sidedress nitrogen testing and scouting as needed. They think they get a good return on good ideas. It doesn't take much for a few dollars saved or gained on an acre to multiply over 1600 acres.

Keys to Successful No-Till

- ◆ A good start makes a good finish

Jerry is very meticulous about setting the planter. The others jest that it takes an hour and a half for Jerry to complete the first row, but at the same time appreciate his dedication to do a good job. Jerry stresses that good seed placement is a result of the extra management to maintain to basically new condition the planter openers, closers, and seed firm points.

- ◆ Residue management

Residue management is an issue for all 3 crops. The row cleaner removes residue before the opener. This means you have to get off the tractor to check that the equipment is working properly.

Keys to No-till Success
A good start makes a good finish
Residue management
Good seed to soil contact

- ◆ Good seed to soil contact

Uneven germination results in weaker plants. It doesn't pay to push the planting too soon. The residue keeps soil damp preventing proper seed coverage and allowing slugs and wireworms to get into seed trench. The Drudges can normally start planting as early as April 15th and find the 20 to 25th the best. They wait until the soil is fit which is about the same time as their neighbours using conventional tillage.

Benefits of No-Till to Soil Stewardship

During the transition to no-till they attended 6 or 8 conferences. They learned that no-till management worked for farmers from all over with all different



Case IH 2388 Combine

soil types. The key was to know how to set up the equipment and overcome the mental block of needing tillage to prepare a seed bed. The key message from the no-till conferences was "No-till saves toil, saves soil and saves oil."

Going into their 10th year of no-till, the Drudges are very confident that their soil stewardship has improved with no-till management. The carrying capacity of the fields has increased and they no longer rut the field during corn harvest. They never get stuck anymore and they have no plough pan or root structure problems. Their crops experienced less of the drought stress that has dominated this year. In 2000 during May and June they received 16" of rain in 3 significant rainfall events over a 4 week period. On May 10 during the middle of planting they had 5" to 6" of rain. They discovered that the water that ponded was clear and only the residue had moved not the soil. From these experiences they have developed the security that even if they get a heavy rainfall the soil will stay and not wash away.

"The crops experienced less of the drought stress that dominated this year."

Marketing

For the past eight years the Drudges have subscribed to marketing advisors John DePutter and Strategic Marketing Services from the US. They use the DTN to follow markets and use the advisors' comments to do their own selling. Their strategy is incremental selling and by using the information and this strategy

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they feel they have developed a better understanding of how markets work.

Value Added On-Farm Storage and Trucking

Using a combination of on farm storage and their own truck, the Drudges are able to add value to their products and enjoy flexibility. They have 165,000 bushels of on-farm storage which is approximately 100% of their needs. Having their own storage speeds up harvest, with less time on the road taking crop away. They can take advantage of greater marketing opportunities and manage their own elevation and storage requirements. The Freightliner is used to take crops off the field at harvest as well as deliver products to market when they want to.



On-Farm Elevator and Dryer

Maple Syrup Enterprise

The family also operates a maple syrup business. They tap 4000 trees in 4 different bushes and pipe the sap to an evaporator on the home farm of John and Elizabeth. They sell some of the syrup locally and the rest to other retailers and through mail orders.

Technology

The Drudge family does not use radio or television. They utilize computers, cell phones and 2-way radio. They use Bt® corn, and Roundup Ready® soybeans and corn. In 2006 they installed a GPS light bar unit in their sprayer. The benefits they see of the GPS unit on the sprayer include: reduced spray overlap especially in a heavy crop of red clover; reduced misses; and accuracy in the dark.



*Freightliner for Trucking Grain
Jeff & Roger Drudge*

Generational Transfer

All the folks involved agree that the transfer of responsibilities from John and Elizabeth to their sons has been a smooth transition. John willingly gave responsibility to his sons and they each willingly took on responsibility for different activities. Jerry, Roger and Jeff grew up with the farm and grew into the business. As they got married they purchased their own land. The equipment is purchased and maintained on 25% shares. The brothers and their parents work as a team and manage the activities of all of the farms as one operation.



*Homestead settled by Fred & Anna Drudge in 1967
now residence of Roger Drudge & Family*

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Each of the sons has special expertise and talents to share with the others. Jerry maintains the equipment. Roger and Jeff do the spraying and the trucking. Jerry takes charge of most of the marketing by compiling the information into spreadsheets and presenting the information to the others. He thinks it is important to have good information to make wise calculated decisions that make sense on paper before heading out.

Future of Farming

The Drudges admit they find farming rewarding and they want to farm as well as want a future for the children to farm. Last year's harvest with good yields made farming fun but they enjoy farming more when it pays. This continues to be a challenge. They enjoy cash cropping because it allows for some off times when they can do other things like hunting, and trucking or singing. The family interview closed with the parents and their sons singing a song Elizabeth wrote while driving that big, diesel tractor she misses. Their strong spiritual roots provide guidance to their collective and individual lives.



Roger in Corn Field

Special thanks to the Drudge Family for giving their time to this article and to Huron Soil and Crop for nominating this family for the newsletter profile.

Comments from Chair

Do you believe me? I mean honest to Pete, Regional Communication Co-ordinator Ruth Knight did a first rate job at magnificently orchestrating our summer bus tour in July. But in my closing comments to the busload of farmers, Perth County Secretary Thelma Smith had to remind me to thank Ruth. My mind is going fast! The highly successful tour was not the only excitement of the summer.

FarmSmart Diagnostic Day was held on a new date in August. Attendance was down slightly but I'm sure part of that was due to the change in date. Next year with the help of all Heartland members we will bring those numbers up. Remind all your neighbours in 2008. While summer is winding down lets start to think about FarmSmart January 19th, 2008 in Guelph. Spread the word.

This will be my last report as Chairman of Heartland Regional Soil and Crop Improvement Association. I would like to thank Ruth especially, for her excellent work on this newsletter. Thanks to our great OMA-FRA rep Horst Bohner who has been terrific. I am also grateful to Deanna Deaville from OSCIA who's always been there for Heartland. The folks from Golden Horseshoe Region have been real leaders in their work with FarmSmart Conference and FarmSmart Expo. Special thanks to Greg Kitching and Julia Williams who along with Ian McDonald from OMA-FRA have made FarmSmart what it is today

Regards Stuart Wright



Comments from the Provincial Director

Tomorrow is the first day back to school. As I'm thinking about it I realize that going back to school is a lot like life itself. You need to be prepared and bring your own supplies to the job, a sharp pencil, lots of paper and erasers to allow for mistakes because that is how you learn. Coloured pencils are optional but they can make things more interesting! You need to choose your clothes for the first day very carefully. Make a good impression as appearances do matter. You quickly have to learn the rules both written and unwritten and will soon learn how close to the edges you want to travel. Always remember to look both ways, in front of you and behind you before you cross the road. You need to know what is all around you before making a change. And most importantly you need to hang out with the right people. These are the ones who will inspire you to greatness or keep you happy with mediocrity.

Our memories of summer "holidays" are what keep our thoughts warm during the months ahead.

I realize that in agriculture we spend the winter meetings getting ready for what happened last summer. Who knows what tomorrow will bring! But it is true that if we don't have hind sight then we just didn't understand the situation. It is important to compare notes and to understand what just happened so that we can be prepared for whatever comes next. Droughts will come again and we will be ready.

The Ontario Forage Masters program is going back into its past to find the future. It is now 20 years old and OSCIA, along with the sponsors, will be celebrating this by bringing back the Provincial speaking competition portion of the program. This has been a very successful program which allows producers and the OSCIA to highlight the value of forages in farming operations.



The cost share program associated with the EFP process is very near the end. There are still as many applications and projects to be completed in the next few months as have been processed during the whole program. Take home message - you need to finish your projects and submit the paperwork as soon as possible. Everyone in the field and at the Guelph office is doing an excellent job with the program. We should help all we can by not waiting for the last possible moment to submit information.

The OSCIA is looking at a proposal which would have one Provincial Director and one Regional Communications Coordinator for each region of the province. The goal of this change is to have a more effective, more clearly defined manner of representing each region. It would reduce the number of directors from 19 to 13 across the province. Currently there may be more than one director per region and more than one region per director. This will be discussed at county and regional meetings throughout the fall and brought to a vote at the Annual Meeting in February. It is a significant change to the structure so should be considered fully at the local level to give your delegates

direction for the vote. The goal now and in the future of the OSCIA is the same as in the past which is to give full support to a strong local association. This is where our strength lies. The need for local activities and plot work becomes even more important to determine what works best in local conditions.

I encourage you to take advantage of your local activities as well as the Free Brunch at the Outdoor Farm Show for OSCIA members and other regional and provincial activities throughout the year. It is the "hanging out with the right people" part of the Soil and Crop that is the most rewarding and enjoyable. Both you and your operation need that.

Joan McKinlay
OSCIA Provincial Director

FarmSmart Expo 2007

Participants at the 2007 annual FarmSmart Diagnostic Day at Elora Research Station enjoyed pleasant weather and a full slate of interesting speakers. The scheduling of this year's event was changed from mid July to the last week of August. While this provided an opportunity to see the crops at a different stage and discuss different issues, it was a lighter than normal turnout for the producer day. On the upside though, the response for the Youth day was unprecedented with close to 200 participants. See photo on back cover.

Participants were offered a mix of crop and livestock topics. The livestock sessions included a visit to the Ponsonby Research Station which includes a dairy and sheep research facility. The visit also included a presentation by Donna Hancock of Wellington Fibres, a unique operation that processes wools and other animal fibres. Joel Bagg of OMAFRA also gave a presentation on silage making.

Joel Bagg, OMAFRA—Making Corn Silage in a Dry Year

Joel reviewed the benefits of determining the proper moisture for making silage. For a tower silo the moisture should be at 62% and for a bunker silo the ideal moisture ranges from 65 to 70%. Moisture affects the type of fermentation that takes place and in turns affects the palatability, digestibility and nutritional quality of the silage. Lactic acid is the desired bacteria for silage fermentation. Lactic acid levels can be boosted by inoculating the silage as it is processed. Silage that is too wet will produce butyric acid which turns the silage slimy with a fishy smell. Silage that is too dry will not pack sufficiently to eliminate oxygen and will allow yeasts and molds to develop. Joel suggests that the silage be tested at a lab which can provide 24 hour turnaround. Joel suggests that the participants try out some of the inoculants that are available.

Pam Hassen, Sheep Research Station

The Ponsonby Sheep Research Station opened in 1988 with a flock of Rideau Arcotts. In 1997/98 they brought in Dorset blood and Pure Rideau blood. The objective of the centre is to provide for researchers sheep which are free of production diseases. To prevent disease pathogens from entering the site all access to the facility is restricted with perimeter fencing

and the centre uses all of their own equipment. The facility has 100 breeding ewes and 30 rams. The facility uses an accelerated lambing program which was developed at Cornell University. This allows the facility to supply lambs year round and results in the ewes lambing 5 times in 3 years.



Pam Hassen Sheep Research Station Ponsonby

Brian Hall, OMAFRA—Preharvest Herbicides to Improve Edible Bean Harvest Management

Harvest aids assist with timely defoliation and harvest to reduce yield and quality losses due to weather risks and staining. The key is to keep in mind what you are trying to achieve in selecting the correct product and applying it at the correct time. Brian Hall reviewed the demonstration plots that compared Glyphosate, Reglone, Ignite and Aim. Aim is a new desiccant from FMC Co. marketed by Nufarm.

Reglone, Ignite and Aim are true desiccants that disrupt plant cells leading to rapid drydown of plants and weeds. Glyphosate kills by translocating down to the root system and is slower acting. The correct time to apply is determined by the pod and seed colour not the leaf colour. For white beans, 80% of the pods should be yellow to light brown. The beans in the bottom pods will rattle while pods in the top third will have started to change colour and the seed can be easily separated from the inside of the pod. For coloured beans they should have the desired degree of pigmentation before application. Glyphosate is a product of choice if there are perennial weeds such as

perennial sow thistle and Canadian thistle to control as well. Glyphosate should not be used if the beans are intended for seed. Glyphosate and Ignite will control regrowth while Reglone may allow regrowth following application.



Brian Hall OMAFRA reviews Pre-Harvest Desiccants

Horst Bohner, OMAFRA & Hugh Earl, University of Guelph—Soybean Inoculation

Horst and Hugh discussed the trials that compared the use of inoculants on soybeans versus no inoculation. The participants agreed that they could see very little visual differences in the plants. To assist with the evaluation they are also looking at technology that measures light reflected by the plant to determine if they can predict a yield response from the inoculated plants.

In soybeans nitrogen fixation occurs when the bacteria *Bradyrhizobium japonicum* invades the soybean root and forms a nodule. The process of adding rhizobia to the soil is called “inoculation”.

Soybean plants use the available soil nitrogen before they stimulate nodulation. The plant roots secrete chemicals (flavanoids) into the soil. The bacteria picks up the signal and nodules are formed. Nodules are only formed where root hairs are present.

Nitrogen fixation in the soil is very sensitive to mois-

ture stress. Nodules get all of the nutrients and water through the phloem (leaf). This is the first thing to shut down with moisture stress. It takes energy for the plant to generate nodules and to move nitrogen in this manner.

Nodulation should be monitored in first time soybean fields. Small nodules can be observed on the tap root 3-4 weeks after emergence but nitrogen fixation does not occur until V2-V3 stage. Check the field early by digging up the plants carefully with a shovel. Check at least 10 sites. Adequate nodulation requires 7-14 nodules per plant. Nodules that are pink or red are active versus green, white or brown nodules are fixing little or no nitrogen. If you find less than 5 nodules, wait a week and take another assessment. Fields with inadequate nitrogen fixation may require a nitrogen application.

The new strains of bacteria provide improved N-fixation in soybeans compared to the strains first introduced to Ontario. However the new strains cannot overcome the strains that are present in the soil.

Benefits to inoculation in Ontario trials are not conclusive. Where the inoculation has been proven to be beneficial are fields that are : 1) first time soybean fields; 2) low pH soils below 6.0; and 3) sandy soils.



Hugh & Horst discuss soybean inoculant trials

Heartland Regional Summer Tour 2007

On July 5th a busload of Soil and Crop members from Wellington, Perth, Waterloo and Huron toured a number of sites in Huron County.

The full day tour began at the farm of Murray and Wilma Scott near Belgrave. This is the site of a Green-cover Demonstration project which includes several management practices such as: nitrate sandwich filter, streambank rehabilitation, grassed waterways, constructed wetlands, flow controls for wetlands and sub-surface tile.



*Top Photo: Kippen edible bean trials
Bottom Photo: Huron Research Farm*

Bus Tour Participants at Scott Farm

The tour made a brief stop in Kippen to review the edible bean plots conducted by Chris Gillard of University of Guelph/Ridgetown College.

At Hensall Co-op the group toured the bean plant and learned about how the beans are received, sorted and graded for shipment.

At the Huron Research Station the group reviewed the research plots of Chris Gillard and Peter Sikkema.

At Huron Tractor participants learned about changes to diesel engines and what changes are yet to come with the advancement of bio-fuels. The application of Auto Guidance Systems was also reviewed.



Huron Tractor review Bio-fuels and GPS Systems

Coming Events and Info Sources

SEPTEMBER 2007

26 All Candidates Meeting for Provincial Election Sebringville 8 pm. For more info e-mail perth@ofa.on.ca

27 All Candidates Meeting Goderich Township Hall 8 pm Sponsored by Huron Federation of Agriculture

29 & 30 Community Thanksgiving Celebration Farm to Table Exeter Contact Friedhelm Hoffman 519-227-4045 or e mail friedhelm@sympatico.ca

30 Harvest Day Mystery Farm Tour Listowel area Tour 12:00 noon to 4 pm. For more info e-mail perth@ofa.on.ca

OCTOBER 2007

2 Trees for Mapleton workshop will focus on best management practices for windbreaks, shelterbelts and living snow fences. Agroforestry specialists will discuss BMP's and funding opportunities from 10:00 to 12:00. Following a free BBQ lunch, a bus tour of several local sites will provide participants with on the ground demonstrations and discussions. For more info and lunch reservation phone Paul Day 519-638-3469.

6-7 Port Elgin Pumpkinfest For more info 519-389-3714 or 1-800-387-3456 or www.pumpkinfest.org

10 Provincial Election

25 Huron Federation of Agriculture Annual Meeting Seaforth Agri-Plex Dinner 7 pm. for more info 519-482-9642

NOVEMBER 2007

2-11 Royal Agriculture Winter Fair, The Direct Energy Centre, Exhibition Place, Toronto <http://www.royalfair.org/>

10 Perth County Federation of Agriculture Annual Meeting 7 pm. Mitchell Golf Club For more info e-mail perth@ofa.on.ca

19-20 Ontario Federation of Agriculture Annual Convention For more info e-mail huron@ofa.on.ca or visit www.ofa.on.ca

30 Western Region Symposium and Ecological Farmers Association of Ontario Annual General Meeting, Gencor Building [site of Organic Meadow offices], Highway 6 North of Guelph. Contact EFAO, 5420 Highway 6 North, Guelph e mail info@efao.ca

DECEMBER 2007

4&5 Forage Focus Conference in Napanee and Shakespeare respectively. Keynote speaker: Dan Undersander, University of Wisconsin Further details <http://www.ontarioforagecouncil.com/>

JANUARY 2008

9,10 CCA Conference and Annual Meeting, Holiday Inn, 30 Fairway Road South, Kitchener

16-18 Ag Info Days, Georgian Downs, Barrie

19 FarmSmart Conference, University of Guelph, <http://www.uoguelph.ca/farmsmart/> organized by Golden Horseshoe and Heartland Regional SCiAs

24-26 27th Annual Guelph Organic Conference and Trade Show "Building Sustainable Organic Business" University of Guelph <http://www.guelphorganicconf.ca/>

FEBRUARY 2008

5,6 OSCIA Annual Meeting, Sheraton Fallsview Hotel, Niagara Falls

22-24 4-H conference & Annual Meeting – Waterloo Inn, Kitchener www.4-hontario.ca

SEPTEMBER 2008

16-20 2008 International Plowing Match Teeswater Bruce County "Come Home to the Country" 1-877-IPM-2008 or ipm2008@wightman.ca

Canada-Ontario Environmental Farm Plan (EFP) Workshops (Third Edition) Now Available

Producers are invited to attend free EFP (Third Edition) Workshops to gain knowledge on best management practices, develop an action plan for their farm and learn about government cost-share programs that are available.

Call today to register!

COUNTY	TOWN	WORKSHOP 1	WORKSHOP 2	CONTACT
HURON	Clinton	Mon., September 10 10am – 3pm	Mon., September 17 9am – 3pm	Lois Sinclair 519-357-3146 huron@ontariosoilcrop.org
	Clinton	Thurs., September 27 10am – 3pm	Thurs., October 4 9am – 3pm	
	Clinton	Fri., October 26 10am – 3pm	Fri., November 2 9am – 3pm	
	Clinton	Thurs., December 6 10am – 3pm	Thurs., December 13 9am – 3pm	
WELLINGTON	TBA	Contact John Benham for details		John Benham 519-846-0941 wellington@ontariosoilcrop.org
WATERLOO	TBA	Contact Frank Kains for details		Franklin Kains 519-742-4591 waterloo@ontariosoilcrop.org
PERTH	Milverton	Tues., September 18 10am – 3pm	Thurs., September 27 9am – 3pm	Mary McIntosh 519-393-6232 perth@ontariosoilcrop.org
	TBA	Thurs., October 18 10am – 3pm	Thurs., October 25 9am – 3pm	
	TBA	Tues., November 13 10am – 3pm	Tues., November 20 9am – 3pm	

Call or email your local OSCIA Program Representative to register for a workshop in your area, or call 1-800-265-9751.

Canada



Ontario

Thanks to our Major Agribusiness Sponsor



On August 29/07, almost 200 4H members enjoyed the Farm Smart Farming System Expo at the Elora Research Station, Guelph, Ontario.