

AGNEWS

Agriculture & Food Operations

Nova Scotia Department of Agriculture



August 2016

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**Nova Scotia
4-H Show
September 30 –
October 2**

Nova Scotia Provincial
Exhibition Grounds, Bible Hill



Minister's Message

Bright summer weather is a sure sign that things are blooming in Nova Scotia's agriculture industry. The hard work of farmers, producers and the agrifood and beverage sectors is leading to success and as Minister of Agriculture I am very excited to work with our stakeholders to help the industry continue to grow.

Our wine industry is putting Nova Scotia on the map with a global food culture that is hungry for new tastes and experiences. The industry's success was celebrated in July with the Lieutenant Governor's Awards for Excellence in Nova Scotia Wines. Congatulations to Avondale Sky, Gaspereau Vineyards and Lightfoot and Wolfville Winery who were recognized at this year's awards for their world-class wines.

As this year's award recipients highlight, Innovation and a focus on quality are hallmarks of Nova Scotia's wine industry. Government is working with them to support continued growth that can lead to jobs and economic activity in our rural communities. In our recent budget, we invested \$3.5 million in a Wine Development Program to support product research and development, planting more grapes to meet the growing demand for our wine and export market development. Our investments leverage the hardwork and financial commitments by winemakers and grape growers so they can take the lead on increasing the value of the industry.

The ONE Nova Scotia report made the link between a strong agriculture sector and our ability to compete successfully internationally. Wild blueberries, new varieties of apples and haskap berries are just a few Nova Scotia products that are finding new markets and helping to grow the importance of our agriculture industry. Blueberries were our number one agrifood export in 2015 at \$123 million. That helped to feed a 21 percent increase in those exports to \$385 million and highlights the growth that agriculture makes possible .

A healthy agriculture industry secures jobs for Nova Scotians and it helps to ensure the sustainability of our food supply. Select Nova Scotia is busy sharing the good news story about buying locally grown and produced products through its website, social media and with partners in communities throughout Nova Scotia. More and more Nova Scotians are discovering for themselves how easy it is to add some local flavour to their shopping basket while supporting farmers and producers right in their own communities by visiting Select Nova Scotia at www.selectnovascotia.ca



The connection to community is very strong in agriculture and groups like 4-H and the Women's Institute have a long tradition of supporting that connection. Young people around the province are able to explore important lifeskills and develop a passion for agriculture through their local 4-H club.

The Women's Institute promotes innovation and appreciation for the contributions of agriculture through its activities. Our department is a proud partner with both as we work together to keep agriculture and the communities that depend on it strong and vibrant.

As the growing season continues I encourage all Nova Scotians to get out and experience the exciting things happening on our farms, orchards, wineries and at their local markets. You'll quickly see that agriculture is growing and building our communities.

Hon. Keith Colwell, E.C.N.S.
Minister of Agriculture

Nova Scotia's Farm and Food Events Calendar

<http://nsfarmandfoodevents.com>



Farmer for a Day

Experience Farmer for a Day from September 20 - 22 at the Cole Harbour Heritage Museum, Cole Harbour.

Farmer for a Day is a unique opportunity for Grade 3 Students to experience farm animals and have fun learning about agriculture. The students can do this, with their teachers, without ever leaving the city!

The Farmer for the Day event will ask the youth to learn and think like a farmer as they travel through several interactive sessions at the Cole Harbour Heritage Farm. This farm site is steeped in history, in fact, the farm has been in production since the early 1800's. The students will get a glimpse of agriculture's past and present, and experience Nova Scotia agriculture in 2016, from experts who volunteer to enrich this learning experience.

The success of **Farmer for a Day**, **Meet your Farmer at the Mall**, and **Open Farm Day** all hinge on volunteers from the farming community. Please consider participating in these and future events.

For more information contact:
Judy Grant, Agricultural Awareness Coordinator
Nova Scotia Department of Agriculture
Phone: 902-893-6598
e-mail: Judy.Grant@novascotia.ca

Or

Valorie Skinner, Agricultural Education Liaison
Nova Scotia Department of Agriculture
Phone: 902-893-7495
e-mail: Valorie.Skinner@novascotia.ca

Open Farm Day

An event coordinated by the Nova Scotia Federation of Agriculture, **Open Farm Day** is a province wide event that will happen on September 18, 2016.

It creates the opportunity for participating farmers to open their doors to members of their respective communities. Visitors are able to learn more about where their food comes from and the impact agriculture has on their own community!

For more information on Open Farm Day contact:
Maxine MacLean, Communications Research Coordinator
Email: mmaclean@nsfa-fane.ca

Nova Scotia Crop and Livestock Commission

Winter Grain Deadline

The application deadline is fast approaching for Winter Grain – August 31, 2016

The deadline for planting is:

- October 7 for Annapolis, Kings and Hants West counties (Zone 1)
- September 27 for Colchester, Hants East, and Halifax (Zone 2)
- September 20 for the rest of the province (Zone 3)

Forage Establishment Deadline

The deadline to apply for Forage Establishment is October 15.

Fields of legumes and legume-grass mixes seeded by July 1 as well as grass seeded by September 1 are eligible for coverage.

Fall Application Deadlines 2016

- Winter Grain – August 31
- Forage Establishment – October 15
- Raspberry – October 31
- Strawberries – November 14
- Grape Insurance – November 15
- Blueberries – November 30
- Tree Fruit – November 30
- Tree Insurance – December 1

Cancelling Crop Insurance

Most Crop Insurance contracts are continuous. This means they do not terminate at the end of the cropping season (unless a producer requests cancellation in writing by the deadline date).

The benefit of this approach is that you, as a client, do not risk being unable to insure your crop for the entire cropping season if for some reason you do not make an application by the required date. At the same time, if you do not cancel by the cancellation deadline, you will be expected to insure your crop during the current crop year.

Dairy Insurance Coverage for Heifer Calves

The Nova Scotia Crop and Livestock Insurance Commission now accepts Dairy heifers (prior to their first calf) and calves for insurance by both licensed and unlicensed producers under the Dairy Livestock Insurance Plan.

If you are raising dairy replacements or dairy calves and are interested in coverage for disease, etc., you no longer have to be a licensed dairy producer under the Dairy Industry Act.

For more information contact our office in Truro.

Cancellation Deadlines

- Strawberry – September 15
- Winter Grain – September 15
- Raspberry – October 31
- Tree Insurance – November 14
- Tree Fruit – November 30
- Blueberry – December 15

Crops Covered by Nova Scotia AgriInsurance

- Strawberries – June bearing and Day Neutral
 - Blueberries – Lowbush and Highbush
 - Raspberries
 - Potatoes – Table, Processing and Seed
 - Corn – silage and grain
 - Soybean – soybean, canola, sunflowers
 - Spring Grain – barley, oat, mixed grain, feed wheat, milling wheat
 - Winter Grain – feed wheat, milling wheat, rye, triticale
 - Maple Syrup
 - Vegetables – broccoli, brussels sprouts, cabbage, cauliflower, carrots (fresh and processing), lettuce, onions, parsnip, rutabagas, winter squash
 - Forage Establishment
 - Forage Weather Derivative
 - Tree Fruit – apples, pears, peaches
 - Tree Insurance – apples and pears
 - Grapes – French Hybrid, Labrusca, Vinifera
 - Vegetable Acreage Loss – beets, carrots, green onions, parsnips, lettuce, radish, rutabagas, summer turnip, summer squash, winter squash, zucchini, fresh beans, yellow onions, broccoli, brussels sprouts, cabbage, cauliflower, celery, kale, spinach, eggplant, field cucumbers, field tomatoes, melons, peppers, pumpkins.
-

Problems with Harvest?

AgriInsurance clients who experience problems or delays at harvest are reminded of their obligation to advise the Commission promptly (within five days) with a Notice of Damage. You must provide the Commission with a Notice of Damage when:

- At any time you believe your crop may be reduced as a result of an insurable peril.
- You think your crop will be reduced due to harvesting delays as a result of an insurable peril.
- You note a reduction in yield due to an insurable peril once you complete harvest. (Must be reported within five days of harvest) or
- Your harvest could or does extend past the end of the crop insurance crop year end date (see dates below).

Failure to provide this reporting could result in the denial of any claim for losses to your crop. When in doubt report your concerns to the Commission office.

Crop Year End Dates

- Strawberry - August 31
- Winter Grain - August 31
- Blueberry - September 15, or September 25 in Kings County
- Spring Grain - September 30
- Soybean - November 1
- Grapes - November 14
- Corn - November 15
- Vegetable - November 15
- Tree Fruit - November 30
- Vegetable Acreage Loss - November 30
- Tree Insurance - December 1
- Potato - December 20

Experiencing Wildlife Damage?

The Canada-Nova Scotia Wildlife Compensation program may be able

to help cover some of the losses from damage to crops or livestock. For more details visit our website or call one of our offices.

For information on any of insurance plans, contact the Nova Scotia Crop and Livestock Insurance Commission at 1-800-565-6371 Toll Free, 902-893-6370 Truro, or 902-679-6015 Kentville, or visit our website at <http://novascotia.ca/agri/programs-and-services/financial-funding/crop-livestock-insurance/>

You can also visit our offices at

74 Research Drive
Perennia Innovation Park
Bible Hill NS B6L 2R2

Or

Agricultural Centre
Kentville NS B4N 1J5

ThinkFARM



To view our resources about starting a farm business, visit:

www.thinkfarm.ca

Our publications are must-reads for new, aspiring or transitioning farmers!

Our resources include:

- *Guides for beginning farmers*
- *Commodity profiles*
- *A resource kit of 36 factsheets*
- *Business planning workbook*
- *Regulation handbooks*

Website: www.thinkfarm.ca

Facebook: <https://www.facebook.com/thinkfarmns>

THINKFARM Coordinator: 902-893-5649 or email to

thinkfarm@novascotia.ca

Sign-up for our email listserv to receive notifications of opportunities such as:

- *Workshops*
- *Conferences*
- *Seminars*
- *News and more!*

To sign up, send a blank email to join-bfs@lists.gov.ns.ca

Dawn Barrington-Hodgson, THINKFARM Coordinator
NS Department of Agriculture, Truro
Phone: 902-893-5649

Programs and Business Risk Management

Growing Forward 2 Programs

The Nova Scotia Department of Agriculture, Programs and Business Risk Management (PBRM) Division has intake periods for a variety of application and proposal-based programs for the agricultural industry. Program staff welcome your inquiries regarding any projects you are pursuing or wish to pursue for your farm operation or agri-business.

Important Changes for 2016-17

NEW for the 2016-17 program year, clients must sign and return their Letter of Agreement within **60 days** of the date on the Letter of Agreement. This applies to all programs. It is extremely important to complete this activity in the 60 day timeframe. Failing to return the signed Letter of Agreement within 60 days could result in the loss of funding for your project.

How can we send and receive information during a postal strike?

Programs will continue to do business by email or fax. If we do not have your email, please contact our office. You may also bring items that you need scanned or faxed to your regional office and they will be pleased to assist you.

Early claiming

You may submit a claim as soon as you sign your Letter of Agreement and complete one of your projects. To claim, please submit a signed claim form, along with your invoices and proof of payment to the programs office. The turnaround time on claims at this time of year is very prompt.

For information on submitting an application or proposal to Programs, please visit the following website: <http://novascotia.ca/programs/> or call the Programs office at 902-893-6377 (Toll free: 1-866-844-4276).

AgriRecovery Program

Programs and Business Risk Management (PBRM) would like to remind maple producers of the AgriRecovery Initiative that was launched in January of this year and is still currently accepting applications.

The **Canada-Nova Scotia Maple Sector Initiative** offers maple producers assistance in recovering from the costs to re-establish sap collection systems damaged by the unusually heavy and repeated snowfalls in the winter of 2015. Up to \$850,000 will be invested together by the federal and provincial governments to support affected maple producers.

Depending on eligibility, assistance includes 90% reimbursement for eligible components of the sap collection system up to \$5.50 per affected tap. Eligible components include food grade mainlines/lateral lines, fittings, connectors, manifolds, spiles, t's, support posts and wire for mainlines.

Invoices and proof of payment of eligible collection system components must be provided and components must have been **purchased between February 1, 2015 and September 30, 2016** and installed by December 31, 2016. Multiple claim forms may be submitted up until the deadline of **September 30, 2016**.

Guidelines and application forms for the **Canada-Nova Scotia Maple Sector Initiative** can be found online at <http://novascotia.ca/programs/> or may be requested by mail from the PBRM Division by contacting:

Programs and Business Risk Management
Nova Scotia Department of Agriculture
74 Research Drive, Suite A
Bible Hill, Nova Scotia B6L 2R2

Email: prm@novascotia.ca
Phone: 902-893-6377
Toll free: 1-866-844-4276

If you have any questions regarding these initiatives, please contact Laura Boudreau, Program Administration Officer, via email at laura.boudreau@novascotia.ca or by phone at 902-893-6374.

For information on submitting an application or proposal to programs, please visit the following website: <http://novascotia.ca/programs/>.

NSDA Staff Profile

**Peggy Weatherbee, Manager,
Programs and Business Risk
Management, Truro**

Peggy joined the department in June 2014, as manager, Programs and Business Risk Management.

Previous to her current job she worked with the Prince Edward Island Department of Agriculture, Agriculture Financial Services Corporation in Alberta and the Saskatchewan Crop Insurance Corporation. She holds a Bachelor of Science (Economics) from the Nova Scotia Agricultural College.

Peggy spent most of her career in the administration of Business Risk Management programs for the agriculture industry such as AgriStability and Crop Insurance. Her focus now is on innovation and development programs to help the industry grow and become more competitive.

Even though she did not grow up on a farm, Peggy has always felt a strong connection to the agricultural industry. She grew up in Bible Hill on a property which is now part of the Dalhousie Agricultural Campus. Peggy enjoys being part of the team that delivers programs to farming clients and continually looks for ways to improve service delivery.

Peggy lives in North River outside Truro and enjoys hosting big family suppers for all her children, grandchildren and her extended family



Exhibitions Association of Nova Scotia Exhibition Dates – 2016

South Shore Exhibition, <i>Bridgewater</i>	July 26 - 31
Western Nova Scotia Exhibition, Yarmouth	August 3 - 7
Shelburne County Exhibition, <i>Shelburne</i>	August 9 - 13
Annapolis Valley Exhibition, <i>Lawrencetown</i>	August 15 - 20
Halifax County Exhibition, <i>Middle Musquodoboit</i>	August 17 - 20
Cape Breton County Exhibition, <i>North Sydney</i>	August 15 - 20
Nova Scotia Provincial Exhibition, <i>Bible Hill</i>	August 22 - 27
Digby County Exhibition, <i>Bear River</i>	August 24 - 27
Cumberland County Exhibition, <i>Oxford</i>	Aug. 30 - Sept. 3
Eastern Nova Scotia Exhibition, <i>Antigonish</i>	Aug. 31 - Sept. 4
Pictou/North Colchester Exhibition, <i>Pictou</i>	Sept. 7 - 11
Hants County Exhibition, Windsor	Sept. 16 - 18 Sept. 23 - 25
Queens County Fair, <i>Caledonia</i>	Sept. 20 - 24
Nova Scotia 4-H Show, <i>Truro</i>	Sept 30 - Oct 2
Atlantic Agricultural Fall Fair, <i>Halifax</i>	October 6 -10
Community Fairs - Tentative Dates	
New Ross Community Fair	August 19 - 20
Barrington Municipal Exhibition	August 19 - 20
Dalhousie Community Fair	August 25
West Kings Community Fair	September 3
Victoria County Fair	September 10
Christmas Island Fair	September 10
Mira Ferry Community Fair	September 17
Port Morien Fair	September 12



New Nutrient Deficiency Brochure

Perennia specialists have created a new resource to help farmers in the field. The brochure/poster provides a step-by-step decision tree to determine a course of action if you identify a nutrient deficiency and also has an illustration describing the various types of nutrient deficiencies. This 8.5" x 14" publication is available online and in limited printed quantities. Connect with a specialist to receive one or call one of our offices and we'll mail one to you – 902- 678-7722 or 902 896-0277

Proper Preserving and Traceability Session

Perennia is planning a short session aimed at small food processors selling at farmers markets or to independent retailers to give practical information on vital practices to ensure your food is safe and avoid recalls. This session will provide an overview of some of the risk factors for food borne illness and introduce some simple tools for ensuring production of a safe product such as temperature monitoring, pH measurement, moisture control, and record keeping. It will also cover what to do in the event of a recall, the importance of testing your recall program, picking a recall team and traceability best practices including correct labeling.

We are aiming to hold the workshop in late September. If you are interested, please email or call Gail at gwalsh@perennia.ca | 902-678-7722

Additional HACCP I and II Training Sessions Announced

Perennia's food safety team has added additional HACCP I and HACCP II sessions to its training schedule. Perennia's Wendy Harvie will be the trainer. All details below!

HACCP₁ - Prerequisite Programs

October 18-19, 2016

Cost: \$930

Registration Deadline: October 4, 2016

Location: Truro, Nova Scotia

A HACCP Prerequisite Program is the foundation for a comprehensive food quality system and provides the building blocks for HACCP plan development. In order for your HACCP system to be successful, HACCP prerequisite programs must be developed and implemented. Prerequisite programs are written to control operational and environmental conditions within the facility to ensure the production of safe food. At the end of the program, you will be able to:

- Describe the components of a HACCP prerequisite program
- Begin the process of implementing a prerequisite program
- Identify good manufacturing practices
- Document your prerequisite program

HACCP 2 - Developing Your HACCP Plans

November 15-17

Cost: \$1205

Registration Deadline: November 1, 2016

Location: Truro, Nova Scotia

The HACCP system, comprised of the HACCP Prerequisite programs, the HACCP plan and reassessment, is a preventative approach to food safety.

Establishing control of identified hazards at critical control points during manufacture ensures safe production of food.

The development of a HACCP plan requires a comprehensive review of the product line in order to complete a hazard analysis, determine critical control points, set critical and operating limits, and establish procedures for monitoring and deviation with accurate validation and verification processes and record keeping.

At the end of the program, you will be able to:

- Discuss food safety, food quality, global food safety standards and prerequisite programs as building blocks for HACCP
- Differentiate between physical, chemical and biological hazards
- Apply the Codex 12 steps to HACCP to develop and maintain your own HACCP plans
- Conduct a hazard analysis and utilize the HACCP decision tree to identify critical control points

Select Nova Scotia Website Upgrade

Select Nova Scotia has upgraded their web site!

Visit www.selectnovascotia.ca to see enhancements in the recipes section.

One seasonal recipe posted there is:

Blueberry Maple Scones

Prep Time: 10 Minutes

Cook Time: 12 Minutes

Total Time: 22 Minutes

Yield: 10 to 12 small biscuits

Chef: Renée Lavallée

Source: The Canteen

Ingredients:

¼ cup sugar

3 cups all purpose flour

1 tsp baking powder

½ cup butter

1 egg

¼ cup Nova Scotia maple syrup

¾ cup buttermilk

1 Lemon, zest

1 orange, zest

1 cup Nova Scotia wild blueberries, fresh or frozen

¼ cup dried blueberries

Method:

In a bowl, combine sugar, flour and baking powder. Grate in the frozen butter and mix until it resembles coarse meal. In separate bowl, mix the egg, maple syrup, lemon zest, orange zest and buttermilk.

Add the blueberries to the dry ingredients. Pour the wet ingredients into the dry and mix gently. Pour onto a floured surface and gently bring dough together. Pat down with your hands until ½ inch (1cm) thick.

Cut into squares or circles (your choice). Place on parchment sheet lined baking tray. Bake for 10-12 minutes in a pre-heated 400°F (200°C) oven.

NEW - We've also added a search option, changes to the map feature, and the site is more mobile device friendly.

Our aim is to be the site that consumers visit to find local, Nova Scotia products.

Don't miss out - make sure your agricultural, food or beverage business is listed! Let consumers know who you are, and where to buy your products.

To receive a registration code, or for more information, contact:

Claire Hanlon Smith, Coordinator

Select Nova Scotia

Nova Scotia Department of Agriculture

Phone: 902-893-4491

e-mail: Claire.HanlonSmith@novascotia.ca

<http://www.selectnovascotia.ca/>

<https://www.facebook.com/selectns/>



Community Meetings to be Held

Atlantic Beef Products (ABP) is looking to hold small community meetings (town hall or tailgate meeting in a producer's yard) with both beef and dairy producers. Bruce Andrews of ABP will be providing an update on the plant and what it means to the industry as well reviewing the opportunity for Nova Scotia producers to ship cull cows, Holstein steers, bulls or finished beef cattle to the plant.

Bruce will highlight some of the development and marketing success of new brands CIB (Certified Island Beef) and Island View Farms and the positive impact it will have for all producers. Bruce will review the economic (breakeven) and management and efficiency benefit to producers, ABP, the industry and the Nova Scotia economy of finishing Holstein steers in the province. There will be open dialogue and hopefully good discussions on how all key stakeholders can work and prosper together. For more information contact:

Bruce Andrews

Procurement and Logistics Manager

Atlantic Beef Products Inc.

902-437-2727 ext 224 (office)

902-394-1921 (cell)

Extended Learning Dalhousie University

Faculty of Agriculture

Online - University Credit Courses

Transition to Organic Agriculture

This course is recommended for students looking for a general introduction to organic agriculture. It consists of five stand-alone modules: Why organic? Organic Certification, Planning the Farm System, Transition to Organic Crop Production, and Transition to Organic Livestock Production. Throughout the course students will be encouraged to participate in discussion groups and use the organic information resources currently available over the Internet.

Fall Semester: September- December

Composting and Compost Use

Composting and the utilization of organic matter produced on the farm provide the basis for soil fertility in organic systems; however, potential benefits derived from compost use are often limited by the supply and quality of composts produced on-farm. The objective of this web-based course is to teach composting primarily by providing students with the opportunity to make their own compost over a period of 13 to 15 weeks.

Fall semester: September- December

Principles of Organic Horticulture

Study of the principles that form the basis for organic production of horticultural crops. Special attention is given to regulations, soil fertility, organic soil amendments, compost and mulches, crop rotation, plant health, management of diseases and pests, and companion planting. Students will apply their knowledge through an instructor-approved project that will be presented on-line using an appropriate multi-media venue.

Fall Semester: September- December

Issues in Agricultural Health and Safety

Gain a better understanding of the health and safety issues present on Canadian farms with this series of online modules. You will learn about the health and safety situation in the agriculture industry, the major health and safety risks and explore some strategies for improving the current situation.

Winter Semester: January- April

Organic Field Crop Management

This course will introduce students to organic principles and practices applied to the production and management of field crops. The criteria for optimum yield and quality of field crops are presented within the context of organic farming principles, sustainable soil and nutrient management, and the requirements for organic certification.

Winter Semester: January- April

Organic Livestock Production

This course provides information on organic livestock production in general, as well as more detailed analyses of organic beef and sheep, dairy, and swine and poultry production. An in-depth study of organic approaches to livestock health is included. The course is divided into five stand-alone modules: Introduction to Organic Livestock Production, Organic Beef and Sheep Production, Organic Dairy Production, Organic Swine and Poultry Production, and Health Management in an Organic Livestock System.

Winter Semester: January- April

Agriculture, Food and Well-Being

This case-based course investigates local, regional, and global issues related to agriculture, food, and well-being. Learners will work together to develop practical solutions for real life cases thus enhancing their understanding of global economic and political

This course will help students enhance their critical thinking skills and systems analysis capacity. Students will explore how agriculture and food are related to, interconnected with or impacted by people, the land and environment, and ultimately social/economic well-being.

Winter Semester: January- April



Faculty of Agriculture

Professional Development Courses at Dal AC

Nutrient Management Planning Certificate (Online)

This online certificate will provide training to nutrient management planners and those implementing nutrient management plans in Atlantic Canada

September- November

Master Gardener Training Program (Online)

Get together with other gardeners who share a passion for horticulture and are dedicated to learning and growing their knowledge to share with their community.

The Master Gardener training program caters to participants who have a passion for gardening, wanting to expand their knowledge in the horticulture field, or wanting to become a Master Gardener! The training program consists of four independent-study classes available online and a one-week, on-site summer school. Participants have the opportunity to take one course or all courses.

October/November/February class intakes

Introductory Welding

As a beginner to the art of welding, you will learn theory, technique and shop practice for arc welding. You'll also get hands on experience as you work on projects from start to finish. You will learn identification of metals, Arc welding, and measuring and cutting using a torch.

November 15 to December 1, 2016- Tuesday and Thursday evenings from 6:00-9:00 p.m.

****NEW**Beekeeping for Newbees (Classroom and Online)**

This three-part course is designed to help people learn the basic requirements of keeping honeybees. Each part includes a half-day classroom session and 30-day access to an online course. This course is for people who do not currently have any beekeeping experience. This course is excellent preparation for the Modern Beekeeper.

Part 1: Basic honey bee biology and life history
Part 2: Intro to beekeeping and hive management
Part 3: Importance of bees and beekeeping to society

November TBA. Contact Extended Learning for more information.

Meat Cutting Course

There has been a lot of interest around a meat cutting course. We are very excited to say one will be available this November with the date yet to be determined. Watch for more news as the details unfold.

November- Date yet to be determined.

Pesticide Applicator's Certification

This four-day course is excellent preparation if you are writing the Pesticide Applicator's Examination. You will learn the basic principles and practices of safe use, handling and storage of pesticides. Information is presented about the ground application of pesticides but does not include aerial spraying. Teaching methods include classroom lectures and problem solving exercises and you will write the Pesticide Applicator's Examination on the last day of the course.

October 24-27, 2016.

DAL AC

Web: dal.ca/exl

e-mail: extended.learning@dal.ca

Phone: 902.893.6666

Ag Weather Atlantic

The AgWeather Atlantic mobile app is now available to iOS and Android phone users (with a link on the main page of the website <http://atl.agrometeo.org/index.php/weather/local>). The app can display local weather conditions, hourly and daily forecasts, radar animations, agroclimate indices and a few pest models.



Agriculture and
Agri-Food Canada

Agriculture et
Agroalimentaire Canada

Provincial 4-H News

Come to the 39th Annual Nova Scotia 4-H Show

4-H members are looking forward to a very special event this fall - the 39th annual Nova Scotia 4-H Show. The largest 4-H Show in Canada takes place September 30 - October 2 and all the exhibitors are 4-H members from 9 - 21 years of age.

Hosted this year at the Nova Scotia Provincial Exhibition Grounds in Bible Hill this annual family event offers something for everyone and is an excellent opportunity for the public to experience the 4-H youth leadership program in an interactive way.

4-H members are eligible to compete at this event after achieving top honours at a local exhibition with their life skills or livestock projects. At this provincial event 40 projects, 90 classes, and 2400 entries are expected to be displayed!

The Nova Scotia 4-H Show began in Windsor and was held there for a few years. It then began to move to other locations around the province so 4-H members could see more of Nova Scotia. Also, by taking the show on the road other communities could benefit from the revenue generated by the influx of people attending. The organizing committee then shifted from having provincial representation to having the county 4-H councils take on more responsibility for the show.

This year the Central Region (Colchester, Halifax East Hants and Cumberland) 4-H Leaders Council have the responsibility of making site arrangements, providing security, fund raising and promotion.

Highlights of the Nova Scotia 4-H Show include livestock auctions, fashion show, dog obedience and handling trials, tug of war, bake-off, grand champion showmanship class, and dairy and beef cattle selections for the Royal Agricultural Winter Fair in Toronto.

The Nova Scotia 4-H Show is open to the public and admission is free. 4-H families and the general public are invited to view the 4-H members' livestock and life skills projects. Competitions begin Friday, September 30 and end on Sunday, October 2 at noon.

4-H Members Win University Entrance Scholarships

Along with gaining confidence, technical skills and friendship from the 4-H program, young people who are 16 years of age and have been a 4-H member for at least two years can apply to win university entrance scholarships.

Presently 4-H members can apply for three provincial scholarships from the Nova Scotia Department of Agriculture, the Nova Scotia 4-H Council, and the George MacNeil Scholarships. National scholarships such as the TD Agriculture Scholarship, L.E.A.D. (Leadership Excellence Awards of Distinction) and the CIBC 4-H Post Secondary Education Scholarship are available through 4-H Canada at <http://apply.4-h-canada.ca/>.



Each scholarship has specific requirements to be submitted with their completed application form and scholarships range from \$500 to \$20,000.

The year Ella Lentz, Hants County won the Nova Scotia Department of Agriculture Scholarship valued at \$1000. The department scholarship is presented to students enrolling in their first year program in Agriculture, Veterinary Science, or other recognized disciplines. Katelyn Stokes, Kings County was awarded \$1000 from the George MacNeil Scholarship Fund.

The Nova Scotia 4-H Council university entrance scholarship was awarded Katherine Lahey, Lunenburg County; Julia Vosman, Antigonish County and Maria Penman from Halifax East Hants.

Julia Vosman was also the 2016 Nova Scotia recipient of the TD 4-H Scholarship and was one of fourteen 4-H members across Canada to receive a \$2500 scholarship for entrance to her first year of university. Madalyn Nielson, Pictou County and Sidney Patton, Colchester County also were TD 4-H scholarship recipients.

A 17 year old member with the St. Andrews 4-H Club, Julia is honored to receive this scholarship. "It will be put to good use as I attend the Dalhousie Faculty of Agriculture to pursue a B.Sc. in agriculture with a major in Animal Science, said Julia. "My ideal career would be anything that is hands on with animals, such as a livestock specialist, animal nutritionist, or even a veterinarian.

Julia added "The opportunities that 4-H offers are endless, but the most significant one for me would be the public speaking skills. This is a skill that will develop confidence and will not only help members while in 4-H but in school and future careers. The motto "Learn To Do By Doing" is very fitting as it gives many members opportunities to learn about and explore 4-H projects and agriculture that they wouldn't have access to otherwise. My experiences with 4-H have been unforgettable and I will carry them with me wherever I go in life. I hope to always be a part of this amazing organization."

Provincial scholarship applications are found in the General Leader Kit or online at <http://novascotia.ca/agri/documents/4h/general-leader-kit.pdf>

Ask your Agriculture Leadership Coordinator for more information about any of the scholarships.

4-H Members Encouraged to Enter the Young Speakers for Agriculture Competition

If you are you are a 4-H member passionate about farming and like sharing your views with other people then you are encouraged to enter the **Nova Scotia Young Speakers for Agriculture competition**. All senior 4-H members and 4-H Alumni who are 16 - 24 years of age as of the competition date can enter this competition on Friday, September 30, 2016, 6:30 p.m. It will take place during the Nova Scotia 4-H Show at the Nova Scotia Provincial Exhibition Grounds in Bible Hill.

The contestant that wins the provincial contest will be sponsored by the Nova Scotia 4-H Council to participate in the 32nd annual Canadian Young Speakers of Agriculture National Senior Public Speaking Competition at the Royal Agricultural Winter Fair in Toronto, Ontario on Saturday, November 5.

While the Nova Scotia competition is for past and present 4-H members only, contestants at the national level were also competing against fourth year University of Guelph students or graduates already working in the agricultural industry.

4-H members are encouraged to doing public speaking and demonstrations along with their project work during the 4-H year and each spring 4-H clubs, counties and regions hold communications competitions.

This life skill is invaluable in so many facets of life that 4-H members will often credit 4-H for giving them the opportunity for that specific training. The Nova Scotia competition rules are the same as those for the Royal competition. Each contestant has to give a five to seven minute prepared speech on one of five selected topics and they have to introduce and thank another speaker.

The 2016 competitors have five agriculturally related topics from which they can choose to speak:

- ***What is the impact of public opinion on Canadian farmers?***
- ***How would you explain a GMO to a non-farmer?***
- ***What does the next generation of agriculture bring to the table?***
- ***How can we improve the media's perception of Canadian agriculture?***
- ***Old MacDonald had a farm ... But what about Mrs. MacDonald?***

Contestants may choose to use a flip chart. Or appropriate posters to illustrate their talk. Slides, films, videos or overhead projectors will not be allowed. A complete set of rules, as well as the scoresheet, will be sent to all applicants prior to the Nova Scotia competition.

To register please contact the nearest 4-H office and for more information check out the website <http://www.cysa-joca.ca/core/>



Nova Scotia Farm Loan Board

Interest Rates

As of July 1, 2016 (applicable to loans approved on or after this date while these rates remain in effect)

Length (years)	Full Term	*10-Yr. Term	*5-Yr. Term	*3-Yr. Term
1-5	2.65%		2.65%	2.45%
6-10	2.90%	2.90%	2.80%	2.60%
11-15	3.50%	3.25%	2.85%	2.65%
16-20	4.00%	3.60%	2.90%	2.65%
21-25	4.45%	3.60%	2.90%	2.65%
26-30	4.75%	3.65%	2.95%	2.70%

* 3, 5 and 10 year term rates available to clients meeting risk, cashflow, and collateral requirements.

The Nova Scotia Farm Loan Board supports agricultural development such as: property purchase / improvements, construction, machinery / quota / stock purchase, financial restructure, and farm transition. The Board is committed to helping you with your individual financial needs.

A Loan Officer will also have information concerning programs and other services offered by Nova Scotia Agriculture.

Call or visit a Nova Scotia Farm Loan Board office:

Truro 902-893-6506

74 Research Drive, Bible Hill, NS B6L 2R2

Kentville 902-679-6009

novascotia.ca/farmloan



Your Regional Agricultural Offices

Extension and Outreach

Ruth Grant, Manager

Truro Office

East Hants, Cumberland, Colchester and Halifax Counties:

Tel: 902-893-6575 Fax: 902-893-2757

Karley Hewitt - Admin. Assistant
 Michael Kittilsen - Agricultural Resource Coordinator
 Jacqueline Hoyt - Agriculture Leadership Coordinator
 Danny Small and Christina Jones - Business Development Officers
 Rebecca Sooksom - Agricultural Transition Officer

Antigonish Office

Pictou, Antigonish and Guysborough Counties:

Tel: 902-863-4705 Fax: 902-863-7342

Laureen Boyd - Admin. Assistant
 Rhonda MacDougall - Agriculture Leadership Coordinator
 Terri MacPherson - Agricultural Transition Officer
 Adam Wile - Agricultural Resource Coordinator

Sydney Office

Cape Breton, Victoria, Inverness and Richmond Counties:

Tel: 902-563-2000 Fax: 902-563-3435

Catherine Plumridge - Admin. Assistant
 Gary Koziel - Agricultural Resource Coordinator
 Marina Gillis - Agriculture Leadership Coordinators
 Jeff Hennessey - Business Development Officer
 Cheryl Chandler - Resource Coordinator (Mabou)

Kentville Office

West Hants, Kings, Lunenburg and Queens Counties:

Tel: 902-679-6021 Fax: 902-679-6062

Cheryl Theriau, Admin. Assistant
 Brian MacCulloch - Agricultural Resource Coordinator
 Kari Brown - Agriculture Leadership Coordinator, South Shore
 Colin Hirtle - Agriculture Leadership Coordinator, Valley
 Ronald Young - Agricultural Transition Officer
 Jeff Wentzell - Business Development Officer

Cornwallis Office

Annapolis, Digby, Yarmouth and Shelburne Counties:

Tel: 902-638-2395 Fax: 902-638-2389

Gina Chapelhow - Admin. Assistant
 Vacant - Agriculture Leadership Coordinator
 Terry McKay - Agricultural Resource Coordinator
 Elizabeth Garrett - Agricultural Transition Officer



Atlantic Agricultural *Fall Fair*



This land is our land! ... See it for yourself

Join us...at the all-new Atlantic Agricultural Fall Fair at
Halifax Exhibition Centre this coming October!



Halifax, Nova Scotia October 6-10, 2016

atlanticfair.com · 1-877-311-5877



www.facebook.com/AtlanticFallFair



@Atlanticfair



Celtic Colours Farm and Food Show

Experience the Harvest of Cape Breton

The Celtic Colours Farm and Food Fair is a one day event located at Centre 200 in Sydney, Saturday October 8, 2016 from 10:00 a.m. to 5:00 p.m. showcasing Cape Breton farm, fish and food products. This event is delivered in conjunction with the launch of the Celtic Colors International Festival and is sponsored by the Cape Breton/Richmond Federation of Agriculture.

This event is being organized to raise public awareness of Cape Breton produced farm and food products, including seafood, while at the same time providing a venue for producers to sell their locally produced wares. This event aims to create linkages between consumers, food producers and processors, restaurants, seafood and farm-related products.

In addition to farm, fish and food vendors, the event will feature chef demonstrations, educational booths, food sampling and a *Sprouting Talent* stage with young local musicians.

This event will attract locals and tourists, in equal measure, who are looking for a taste of Cape Breton, to learn about our local food industry and to have some fun. Our promotional campaign will begin in September and will include online advertising, social media, newspaper ads, radio and a special live radio promotion at the time of the event.

If you are interested in being a vendor, demonstrator, sponsor or volunteer at this unique event please contact Pauline at 902-794-7633 or federationofagriculture@outlook.com

ATTENTION: RECYCLING USED PESTICIDE CONTAINERS **HERE'S WHAT TO DO:**

- Allow the formulation to drain from the container for at least 30 seconds.
- Add at least 20% of the contents of water to the container, replace lid, and rotate so that the interior of the container is rinsed.
- Empty the rinse water into the spray tank and drain for 30 seconds.
- Repeat the above procedure twice more.
- Render containers not useable by puncturing.
- Leave label on the container.

Containers that have been handled in this way are technically suitable for disposal.

The United Farmers Co-op on Keltic Drive in Sydney River is now accepting properly cleaned pesticide containers for recycling. You can drop off containers at the CO-OP COUNTRY STORE for recycling; please see staff prior to dropping off containers. NO five gallon buckets or plastic bags accepted.

Hay for Sale?

The Cape Breton Agricultural office is gathering a contact list of individuals who have or will have hay for sale this 2016-17 winter season. Each year the regional offices receive numerous calls from livestock owners who are looking to purchase hay and other feeds, and if you would like to have your name added to the contact list or are looking to purchase hay please call our office at 902-563-2000 or email Catherine.Plumridge@novascotia.ca

Cape Breton Region 4-H News- ***Let's All Be Green in 2016***

Summer is one of the busiest times of the year for 4-H members and leaders across Nova Scotia when 4-H members spend time learning how to sew, bake or scrapbook; or are outside training their calf, making wooden creations or learning how to use a compass - all valuable tools which will stay with them for a lifetime. 4-H members are always excited to show off what they have accomplished throughout their 4-H year to family, friends and the community at Achievement Days and County Shows.

Inverness County Horse Show- Results

The Inverness County Horse Show was hosted by the Margaree Valley Equestrian Centre on July 13. Junior and Senior members competed in the English and Western divisions. Some of the highlights of the show were the pole bending, hunter hack and trail classes. Lauren Whalen was named the Overall Western Rider and Maesey Phillips was awarded the title of Overall English Rider. Congratulations to all members who showed their horses in Margaree.

Achievement Days and Exhibition Time

In early May the Richmond County 4-H clubs, presented an impressive display of projects at Camp Rankin. Cape Breton County 4-H clubs were next with striking displays of food articles, scrapbooking and woodworking. Inverness County had their joint Achievement/County Day in August. The Victoria County Community Fair celebrates its 86th year on September 10 and will have their 4-H county show there. It is the longest running fair in Cape Breton. We encourage you to visit our various exhibitions and community fairs in August and September to see what 4-H offers our youth.

Livestock Identification Update

The objective of the national Livestock Identification and Traceability Program is to provide accurate and up-to date livestock identity, movement and location information to mitigate the impact of disease outbreaks, food safety issues and natural disasters.

Cattle, bison and sheep need to be identified with an approved tag before leaving their farm of origin. Livestock traceability systems are based upon three basic elements: animal identification; premises identification; and animal movement.

Premises are defined as sites where animals are grown, kept, assembled or disposed of. In Nova Scotia, the Department of Agriculture has developed a system to register sites and assign a unique premises identification number. This premises identification number is necessary to identify unique locations and is required for movement reporting. For more information about registering for a premises identification number for your site(s) and 4-H animals, please contact Dawn Miller at the Department of Agriculture at 902-890-3377, by e-mail at NSPID@gov.ns.ca or you can find more information at <http://novascotia.ca/agri/programs-and-services/industry-protection/>.

Other News- Club Spotlight

Lakeside 4-H Club was established in 1936, making this summer its 80th anniversary. The club is under the direction of general leader Stuart Carter. The club has many dedicated leaders that have devoted countless hours to the development of local youth. The club has 20 members, 7 cloverbuds and 9 leaders. Eva Landry, Doug Landry and Ann Carter have each been 4-H leaders for over 45 years and still continue to volunteer their time to the club. The members of the Lakeside 4-H Club excel under their leaders' careful guidance in the food, cake decorating and crafts projects. Although the club may be small in numbers they are large in heart, and you can always find the Lakeside 4-H members volunteering for many great causes within their community.

Leader Screening- Cape Breton Region

The 4-H program could not exist without input from many dedicated volunteers, and your skills are needed! Our goal is to offer a quality program in a safe environment for our 4-H youth.

Just a reminder that this upcoming registration year, all new and existing leaders in the program will be required to be rescreened for program and provincial council requirements. Please visit the website for leader screening packages and additional direction. If you have any questions, please contact your general leader. To be diligent with current risk management procedures, please note that some requirements have changed. All Nova Scotia 4-H leaders will be screened **every five (5) years**.

Upcoming Food Handler Courses 2016

As of July 1, 2015 the inspection, compliance and enforcement functions from several provincial government departments came together under Nova Scotia Environment. Departments involved in this consolidation include the Department of Natural Resources, the Department of Health and Wellness, the Department of Agriculture, Nova Scotia Environment, and the Department of Fisheries and Aquaculture. For more information, visit <http://novascotia.ca/nse/inspection-compliance-enforcement/>



CANADA
4-H Nova Scotia

Future contact information for food safety staff that have moved is: Nova Scotia Department of Environment
Suite 2-1030 Upper Prince Street
Sydney Nova Scotia B1P 5P6 or contact by phone at 902-563-2100.

Up-Coming 4-H Dates

- Cape Breton Leader's Council meeting - September 6, 4-H office board room, 7:00 p.m.
- Victoria County Show - September 7, 8 and 10, Baddeck Forks Hall
- Victoria County Council Meeting - September 10 following awards
- Inverness Council Meeting - September 12, 7:00 p.m.
- Regional Provincial Show Scratch Date, September 12 by noon
- Nova Scotia 4-H Show - September 30 - October 2
- Celtic Colours Farm and Food Show - October 8, Centre 200

For more information about the 4-H program, to start a club in your area, or to have us arrange training/workshops, please contact Marina Gillis in Sydney at 902-563-2000 (ph); 902- 563-3435 (fax); or e-mail Marina.Gillis@novascotia.ca

Dairy farms in Eastern Nova Scotia continue to rank highly on Valacta's 'Evolution of Dairy Production' report. Six of the top 10 producers were from Eastern Nova Scotia with several more farms from the area rounding out the final list. Congratulations to all the dairy farms for the dedication, hard work and commitment it takes to develop a quality herd.

Agricultural Biodiversity Conservation Plan

Farmers who are interested in and aware of habitat conservation and biodiversity issues have an opportunity to have a Biodiversity Conservation plan completed for their farm.

This plan will help identify possible Beneficial Management Practices (BMP's) that promote the maintenance or enhancement of biodiversity on their farms. The intent of the plan is to provide farmers with a tool that can help them increase the robustness of the ecosystems that surround their farms.

A typical plan would include identification of riparian areas, wetlands, upland areas, woodlands, pastures and hayfields. Each identified item would be assessed and recommendations for enhancing potential biodiversity made.

There is no cost to having one of these plans developed and you are not required to follow the recommendations but it is a great way to help develop an often overlooked part of your farm.

Capacity to complete these plans is limited but if you are interested please contact Reg Newell with DNR at reg.newell@novascotia.ca

Eastern Region 4-H News

The region welcomed summer staff for the last few months. Abby MacInnis, who is entering her third year of Kinesiology at Acadia University was the 4-H Summer Assistant. She was in 4-H for 12 years with the St. Andrews Club, completing the Goat, Dairy, Photography, Crafts, Foods, Junior Leader projects. Abby was working out of the Antigonish office.

Naomi McKay was working out of the Pictou office. She has graduated from Acadia University with a diploma in Environmental Engineering, and will be completing her degree at Dalhousie University in Halifax. Naomi was a member in 4-H for 13 years and took sheep, market lamb, the REAL Skills project, cake decorating and goat. In 2014, Naomi was the Nova Scotia delegate for the U.S. National 4-H Conference in Washington, D.C and received the John Deere Canada 4-H Scholarship.

Iain MacLellan was the Antigonish County 4-H Summer Worker. He will be attending St. Francis Xavier University in the fall taking a Bachelor of Business Administration. Iain is a member of the West River 4-H Club, completing the Dairy, Foods, First Aid, and Junior Leader projects. This was his second summer as the Antigonish County 4-H Summer Worker.

Upcoming 4-H Events:

- Eastern Nova Scotia Exhibition (ENSE) Barn Work Day - August 27
- Non Livestock Project Drop off at ENSE - August 29
- Non Livestock Project Judging and Livestock Arrival at ENSE - August 30
- 4-H Day ENSE (Antigonish/Guysborough) - August 31
- Non Livestock Project Drop off at Pictou Exhibition - September 5
- Non Livestock Project Judging and Livestock Arrival at Pictou Exhibition - September 6
- 4-H Day Pictou Exhibition (Pictou County) - September 7
- Antigonish County Pro Show Meeting - September 13
- Antigonish County Council Meeting - September 13
- Pictou County Pro Show Meeting - September 14
- Pictou County Council Meeting - September 14
- Substitution and scratch deadline for NS 4-H Show entries - September 19
- Nova Scotia Provincial 4-H Show, Nova Scotia Provincial Exhibition Grounds, Bible Hill – September 30 - October 2



CANADA
4-H Nova Scotia

Regional News Central: East Hants, Cumberland, Colchester and Halifax Counties

Central Region Agriculture, Food and Advisory Services, Extension and Outreach

The Central Region Extension and Outreach office houses the Agriculture Resource Coordinator, Transition Officer, Business Development Officers, Agriculture Leadership Coordinator and Administrative Support. We are your one stop shop for Department of Agriculture services and information. If you have an agricultural need, question or opportunity you'd like to discuss feel free to contact us.

We have a great group of people working on our team. The Central Region includes the counties of; Colchester, Cumberland, Halifax and East Hants. The office is located in Perennia Innovation Park. We may be reached by the contacts below.

Agriculture and Food Advisory Services
Nova Scotia Department of Agriculture
74 Research Drive
Bible Hill, NS B6L 2R2

The Central Regional Office staff are located within Suite 114.

Michael Kittilsen, Agriculture Resource Coordinator, 902-893-3645
Michael.Kittilsen@novascotia.ca

Jacqueline Hoyt, Agriculture Leadership Coordinator, 902-893-6586
Jacqueline.Hoyt@novascotia.ca

Becky Sooksom, Agriculture Transition Officer, 902-896-1288
Rebecca.Sooksom@novascotia.ca

Danny Small, Business Development Officer, 902-956-4463
Daniel.Small@novascotia.ca

Christina Jones, Business Development Officer, 902-956-2800
Christina.Jones@novascotia.ca

Atlantic Dairy Championship Show

Presented by Atlantic Holstein Promotions on Saturday, October 15, 2016 beginning at 9:00 a.m. at the Nova Scotia Provincial Exhibition Grounds, Bible Hill, NS. For further information, contact Angela Masters at 902-843-2289 or atlanticholstein@gmail.com

36th Annual Fall Sheep Sale

Sponsored by Purebred Sheep Breeders' Association of Nova Scotia on Saturday, September 3, 2016 beginning at 11:00 a.m. at the Nova Scotia Provincial Exhibition Grounds, in Bible Hill. Animals will be on view from 7:00 p.m., Friday, September 2, 2016. For further information or catalogues, please call Rosemary Wort at 902-671-2410 e-mail herngatefarm@ns.sympatico.ca, or Andrew Hebda, 902-369-2969 nantymor9982@ns.sympatico.ca or visit: www.sheepnovascotia.ca

Disposal of Used Farm Sharps

The Agriculture office in Bible Hill has a supply of sharps containers available at no cost for producers. Remember sharps must not be discarded in regular household garbage. Sharps should be collected on farms in rigid, puncture resistant containers with tightly secured lids. You must check with your



municipal waste disposal department for instruction on how to dispose of these sharps once they are in a secured container. Drop in to pick up your containers during our regular office hours. For more information contact 902-893-3645

Do You Have the Proper Driver's License?

If you have a farm tractor trailer combination over 14,000 kg, you need a Condition 23 Endorsement and if you are hauling any trailer (with a truck or tractor) that has a weight over 4500kg, you need a Condition 15 Endorsement on your license to legally drive on Nova Scotia roads. These regulations apply to class 5 license.

If you are interested in obtaining these endorsements, contact Michael Kittilsen 902-902-893-3645 or Michael.Kittilsen@novascotia.ca.

CONDITION 15 PROCESS:

Purchase a Road Test Receipt (\$51.43 HST Incl.) at Access Nova Scotia or online http://www.gov.ns.ca/snsmr/driver_test.asp.

CONDITION 23 PROCESS:

1. Have Driver's Medical Exam completed by your Doctor

2. Purchase a Road Test Receipt (\$51.43 HST Incl.) at Access Nova Scotia or online
<http://www.gov.ns.ca/snsmr/drivertest.asp>.

You must have a valid driver's license ("N" removed for Condition 23) to be eligible for testing. The form for the Medical Exam and more information is available by calling 902-893-6575.

First Aid Training

St. John Ambulance offers several first aid courses throughout the province. Obtaining more information on first aid training or to register for a course can easily be done on their website
<http://www.sja.ca> or toll free at: 1-800-565-5056

They offer many courses designed to meet industry and business requirements. Emergency level first aid is a state-of-the-art, modular course of basic first aid skills and other select subjects needed to sustain life and manage the scene of an injury. Emergency First Aid is recommended for worksites with 1-19 employees per shift.

Emergency First Aid + CPR Level A
Time: 8 hours (1 day)
Fee: \$90 per person

Emergency First Aid Recertification
Time: 4.5 hours (1/2 day)
Fee: \$70 per person

Central Region 4-H News

This summer is shaping up to be busy and full of 4-H events! Between June and early August there were 18 4-H Clubs in the Central Region who held their club Achievement Days! It was wonderful to see all the hard work and effort the 4-H members put into their livestock and life skills projects over the past year! The month of August is dedicated to exhibitions in our region.

Upcoming 4-H Meetings

Colchester County 4-H Leaders Council Meetings:

October 24, and November 28, 7:00 p.m. at the Truro Farmers Market

Cumberland County 4-H Leaders Council Meetings:

September 6, October 4, and November 1, 8:00 p.m. at the Shinimicas Fire Hall.

Halifax-East Hants County 4-H Leaders Council Meetings:

September 7 (exhibition grounds, Middle Musquodoboit), October 19, and November 16 at Hants East Rural High School at 7:00 p.m.

County 4-H Exhibition Competitions

Cumberland County - Monday August 29 and Tuesday August 30 at the Oxford Exhibition grounds.

2016/17 4-H Year

Looking to register for 4-H? Not sure about the age levels? Junior members are 9-13 and seniors are 14-21. There is also a Cloverbud program for children 7-8. Contact the club General Leader or the Central Regional Services Office for more information. Registration will occur throughout the fall.

For more information of 4-H in your area contact:
Jacqueline Hoyt, Agriculture Leadership Coordinator, 902-893-6586
Jacqueline.Hoyt@novascotia.ca



Regional News Valley: West Hants, Kings, Lunenburg and Queens Counties

As the summer comes to a close and harvest is underway, we would like to remind everyone to be safe during this busy time of year. We will soon be into our fall planning and would appreciate hearing from anyone who might be interested in a particular program/workshop. If there is something that is of interest to you, please let our office know and we will see if we can set something up.

Annapolis County Federation Livestock Sale

Two cattle sales will be held on October 8 and October 29 at the Annapolis Valley Exhibition Grounds in Lawrencetown.

Local Community Fairs and Exhibitions

Don't forget about the local community fairs and exhibitions in our region:

Western Kings - September 3, Tremont

Hants County Exhibition - September 16-18 and September 23-25, Windsor

Queens County Exhibition - September 20-24, Caledonia

Nova Scotia 4-H Show - September 30-October 2, Bible Hill

Growing Green Festival

The Growing Green Festival will take place from September 16-18 throughout Bridgewater and Lunenburg Co. The Festival features exhibitors and vendors,

Update of Mailing List and E-Mailing Newsletter

We continue to update our mailing list. If you receive this newsletter and do not wish to receive it any longer, or if your address is incorrect or incomplete, please notify Cheryl by phone, 902-679-6021, or e-mail, Cheryl.Theriau@novascotia.ca

If you would prefer to receive an electronic copy of the newsletter rather than a paper copy, please email Cheryl with your request.

Food Safety Courses

Food Safety Courses are held from September to June each year. Visit our website towards the end of August for a full list of new course dates and times: <http://novascotia.ca/agri/programs-and-services/food-protection/food-hygiene-course/scheduled-courses/southwest/>.

For more information, contact the Food Safety Office at 1-877-285-5167.

Online courses are also available. Please visit:

<http://www.traincan.com/basicsfst/nsagriculture.html>

Valley/ South Shore 4-H News

Let's all be Green in 2016

Hants County Exhibition 4-H Days, Hants County Exhibition Grounds - September 16-18

Hants County Exhibition preparation is well underway. Once again Hants County 4-H is pleased to be part of the events during the first weekend of the exhibition.

On Friday evening, there will be Dog and Rabbit Classes and visitors are encouraged to visit the 4-H Life Skills displays which hosts a wide variety of projects completed by the members.

On Saturday, Beef, Dairy, Goat, Light Horse, Waterfowl and Poultry classes will be taking place along with a variety of competitions.

On Sunday, Sheep, Light Horse and the Grand Champion Livestock Showmanship classes will be happening along with the parade of clubs. Life skill competitions including the Bake-Off, Vegetable Preparation, Woodworking, Floral Arranging, Outdoorsman, Photography, Cake Decorating, Fashion Show and Beef, Dairy and Sheep Clipping will be happening throughout the weekend.

Upcoming 4-H Events

- **Kings County - JAP Wrap-Up Meeting** - September 8, 6:30 p.m., Scotian Gold, Coldbrook; followed by **Kings County Council Meeting** at 7:30 p.m.
- **Hants County Council Meeting** - September 12, 6:00 p.m., Brooklyn
- **Kings County Awards Night** - October - TBA
- **Hants County Awards Banquet** - November - TBA
- **Queens County 4-H Day at Queens County Fair** - Tuesday, September 20

Interested In Joining 4-H?

If you are interested in joining 4-H, give the 4-H Office a call or email, Colin.Hirtle@novascotia.ca, 902-679-6027, (Valley Region), Kari.Brown@novascotia.ca, 902-634-7575, (South Shore Region)



Regional News **Western:** Annapolis, Digby, Yarmouth and Shelburne Counties

Please help us welcome Elizabeth Garrett who will be joining us in Cornwallis backfilling the Agriculture Transition Officer position while Nicole Burkhard is on maternity leave.

Elizabeth graduated from Acadia University in 2012 with a Bachelor of Science degree in Nutrition. Following graduation she began working as a Research Assistant with the nutrition department where she assisted on numerous sensory projects for various NS businesses.

During her time in the lab she also was able to dabble in some product development work for agri-food businesses looking at value-added innovations. Elizabeth then began as the Innovation Support Specialist with the Acadia Entrepreneurship Centre where she was able to work one on one with a variety of entrepreneurs and businesses looking for resources and or funding to move an idea from concept to commercialization.

If you are in the Cornwallis area please drop in and say hello.

Mail Address Changes

Has your address changed? Has Canada Post requested that you include your civic number in your mailing address? If so, we need to know this information so that we may continue to keep our mailing list up to date. If you have an address change, please call Gina Chapelhow at 902-638-2395 or e-mail her at Gina.Chapelhow@novascotia.ca with your changes. Also, if you would rather receive an electronic copy of the newsletter rather than the paper copy, please e-mail Gina with your request.

Annapolis County Federation Livestock Sales

Fall cattle sales will be held on October 8 and October 29 at the Annapolis Valley Exhibition grounds in Lawrencetown.

Need a Sharps Container?

Livestock producers generate medical waste on a regular basis. These wastes include sharps such as syringes, needles, broken glass tubes, lancets and scalpel blades. If not disposed of properly they can injure livestock and family members; increase risk of spreading infection; pollute the environment; and put waste handlers at risk. Sharps must not be discarded in regular household garbage. Sharps containers have been specifically designed for disposing of sharps. When the container is full, the contents should still be considered potentially infectious to humans and animals, but the risk is low. For disposal in any municipality, you must first check with your local disposal site to see what they have in place to accept sharps.



These containers can be picked up at the Department of Agriculture office in Cornwallis Park. Call 902-638-2395 for hours and information.

Western Region 4-H News:

Alberta Bound!! Ten 4-H members and two leaders from Annapolis County were involved in a 4-H exchange program with a 4-H club in Westlock, Alberta. Members from Annapolis County travelled to Alberta in July and the members from Alberta came to Nova Scotia from August 11 - 21, 2016. This was a trip of a lifetime for these 4-H members from Nova Scotia who enjoyed the hospitality of Albertans and saw cattle and country in huge numbers and acreages. Thanks to Melanie DeLong, a member of the Lucky Stars 4-H club, who organized this event.

4-H Dates to Remember:

- Nova Scotia 4-H Show meeting Annapolis County - September 6
- Annapolis County 4-H Leaders Council Meeting - September 14, Middleton
- Yarmouth County 4-H Leaders Council Meeting - September 21
- Digby County 4-H leaders Council Meeting - September 22
- Nova Scotia 4-H Show - September 30 - October 2, Bible Hill
- Annapolis County 4-H Leaders Council Meeting - October 12 Digby County 4-H Awards Banquet - October 13
- Yarmouth County 4-H Council Meeting - October 19
- Digby 4-H Leaders Council Meeting - October 21
- Annapolis County 4-H Awards Banquet - October 23
- Yarmouth County 4-H Awards Banquet - October 30

