

**NBSCIA**  
**47<sup>th</sup> Annual General Meeting**  
**and**  
**Technical Workshop**

March 12-13, 2026

“Envisioning New Brunswick’s

Agri-food Sector in 2050”

**Crowne Plaza Moncton**

**Moncton, NB**



With funding from



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**Thursday, March 12th, 2026**

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- 8:30am**      **Registration & Networking**
- 9:30am**      **NBSCIA Business Meeting**  
*John Bos, NBSCIA President*
- 1:00pm**      **Welcome & Commence of Afternoon Presentations**  
*John Bos, NBSCIA President*
- 1:10pm**      **Climate Change Bringing New Challenges for New Brunswick Growers...are you prepared?**  
*David Phillips, Climatologist Emeritus, Environment and Climate Change Canada*
- 1:55pm**      **Root AI: Practical Intelligence for Canadian Agriculture - David Brennan, FCC**
- 2:40pm**      **Nutrition Break and Networking**  
*Sponsored by Fundy Ag Services & Semican*
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- 3:10pm**      **From Field to Future; Reducing Tax & Building a Lasting Legacy for Farming Families**  
*Cameron Clark & Catherine Pickard, Clark Financial Advisory Group*
- 3:55pm**      **Mapping zones; Precision Ag Tools and Biomass Imagery for Farmers**  
*Beth Martel, FM Agronomy*
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## Thursday, March 12th, 2026

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**4:40pm**      **Grazing for Fun and Money: How low-input grazing systems reduce costs, labour, and stress while improving profitability**  
*Nick Green, Kingston View Farms*

**6:00pm**      **Farm of the Year Reception**

**7:00pm**      **Farm of the Year Banquet**  
*Sponsored by Pioneer Corteva*



**Special Guest Presentation**  
*Hon. Pat Finnigan, Minister of NBDAAF*

**Farm of the Year Presentation**

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## Friday, March 13th, 2026

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**8:00am**      **Arrival and Coffee**  
*Sponsored by Cohort Wholesale*



**8:30am**      **Turning Variability into Value: Using Manure Sensing to Improve Nutrient Management**  
*Dr. Joseph Sanford, University of Wisconsin-Platteville*

**9:15am**      **Biochar Applications on the Farm: Reducing Nitrogen Losses and More—Dr. Joseph Sanford, University of Wisconsin-Platteville**

**10:00am**      **Nutrition Break and Networking**  
*Sponsored by Brookville Lime, Dekalb/Bayer Crop Science*



**10:30am**      **Noise or Knowledge? Reclaiming Simplicity in the Cropping System**  
*Laura Scott, OMAFA*

**11:15am**      **OFCAF Farmer Panel**  
*- Christian Michaud, Michaud Farm (Cover Cropping)*  
*- Kevin Budd, Katahdin View Farms (Rotational Grazing)*  
*- Jeremy DuPlessis, Keswick River Farms (Nitrogen Management)*

**12:00pm**      **Lunch Break**  
*Sponsored by Premier Tech*



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## Friday March 13th, 2026

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- 1:00pm**      **NB Weather Monitoring and Mapping for Intensive Crop Management and NBSCIA Research Project Updates**  
*Andrew Sytsma, NBSCIA*
- 1:20pm**      **Biological Nitrogen Mineralization Project**  
*Joseph Graham, NBSCIA*
- 1:40pm**      **2025 Year in Review—Crop Projects**  
*Jason Wells, NBDAAF*
- 2:00pm**      **RALP Program Recap & Update**  
*Cora Hornbrook, NBDAAF*
- 2:20pm**      **Grain Project & Lime Program Update**  
*Peter Scott, NBDAAF*
- 2:40pm**      **Farmer Mental Health Program**  
*Victoria Hutt, AANB*
- 3:00pm**      **NBSCIA OFCAF Update 2025-2028**  
*Ray Carmichael, General Manager, NBSCIA*
- 3:30pm**      **End of Sessions**

**Thank you for joining us for the 47th Annual General Meeting & Technical Workshops of NBSCIA!**

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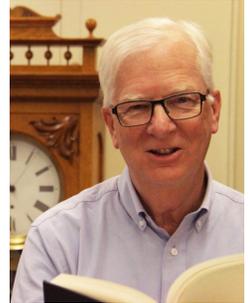
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## Technical Session Speakers

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### David Phillips

Climatologist Emeritus, Environment and Climate Change Canada



David was employed with Environment Canada's weather service for over 57 years. In 2024, he transitioned from Senior Climatologist to Climatologist Emeritus. (He says dropping Senior from his title immediately made him feel younger.) His work activities relate to the study of the climate of Canada and to promote awareness and understanding of meteorology. He authored several books, papers and reports, including a book on The Climates of Canada, and two bestsellers: The Day Niagara Falls Ran Dry and Blame It On The Weather. He was the originator and author of the Canadian Weather Trivia Calendar. David frequently appears on national radio and television as a commentator on weather and climate matters. He has been awarded the Commemorative Medal for the 125<sup>th</sup> Anniversary of the Confederation of Canada, the Queen Elizabeth Golden and Diamond Jubilee Medals and has twice received the Public Service Merit Award. David is the recipient of three honorary doctorates from the universities of Waterloo and Windsor and Nipissing University. In 2001, David was named to the Order of Canada.

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### David Brennan

Manager, Business Development, Farm Credit Canada



David Brennan is a Manager, Business Development with Farm Credit Canada, based in Woodstock, New Brunswick. He works closely with producers and agri-businesses across the region, supporting growth, investment, and long-term resilience in Canada's agriculture sector. With experience across sectors such as potato, dairy, and maple production, David brings a practical, relationship-driven perspective to conversations about innovation, sustainability, and the future of agriculture.

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## Technical Session Speakers

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### **Cameron Clark & Catherine Pickard** Clark Financial Advisory Group

The Clark Financial Advisory Group is a wealth management team of 6 who are committed to delivering comprehensive, relationship-driven financial advice to individuals, families, business owners, and multi-generational enterprises. Backed by the strength and global resources of Scotia Wealth Management, the team provides integrated planning that goes far beyond investment management. With decades of combined industry experience and advanced professional designations, the Clark Financial Advisory Group specializes in holistic wealth planning ; including portfolio management, tax strategy planning, estate and trust planning, retirement income design, risk management, and intergenerational wealth transfers and succession planning. Their approach begins with building a strong financial foundation, bringing clarity and organization to complex financial lives, and guiding clients step by step through every stage of growth and transition. The team believes wealth is about more than numbers. It's about protecting what clients have worked so hard to build and ensuring it supports the people and causes that matter most.



Cameron Clark, CIM CFP,  
FCSI



Catherine Pickard, CIM,  
PFP

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## Technical Session Speakers

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### **Beth Martel,** Founder, FM Agronomy

Owner/operator of FM Agronomy, Beth Martel is a precision agronomist who specializes in the SWAT maps program, crop inspection and field scouting. From St Leon, MB, While also farming with her husband and young family. she has worked in the variable rate industry for 10 + years providing growers with nutrient management recommendations.



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### **Joe Sanford, Ph.D** Assistant Professor, University of Wisconsin-Platteville

Joe Sanford is an Assistant Professor in the School of Agriculture at the University of Wisconsin–Platteville and a faculty researcher with the Wisconsin Dairy Innovation Hub. He earned his B.S., M.S., and Ph.D. in Biological Systems Engineering from the University of Wisconsin–Madison, where his doctoral research focused on biochar applications for agricultural nutrient management. At UW-Platteville he teaches nutrient management and conducts research in agricultural wastewater and manure management, including precision manure application, runoff and nutrient control, water recovery, and innovative uses of biochar to enhance sustainability and environmental performance in agricultural systems.



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## Technical Session Speakers

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### Laura Scott

Cropping System Specialist, OMAFA

Laura Scott is the Cropping Systems Specialist with the Ontario Ministry of Agriculture, Food & Agribusiness, where she helps growers navigate complex production systems by translating research, field insights, and emerging technologies into clear, effective, and actionable strategies for Ontario farms. Laura earned her degree in Food, Agriculture & Resource Economics from the University of Guelph. She spent four years as an agronomist with a local input supplier, earning her Certified Crop Advisor (CCA) designation. Outside of work, Laura helps her family run their purebred Limousin cow-calf and cropping operation just south of Ottawa, ON.



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### Nick Green

Kingston View Farms

Nick Green is a cattle producer and systems-focused operator based in Prince Edward Island. He runs Kingston View Farms, a low-input cow-calf operation built around year-round grazing, AMP systems, practical fencing and water infrastructure. Nick also operates Kingston Farm Supply, supplying grazing and livestock handling infrastructure across Atlantic Canada.



His work focuses on reducing feed costs, labour, and overhead by integrating genetics, grazing management, infrastructure design, and simple record-keeping into one cohesive production system. Nick brings a practical, economic approach grounded in real on-farm experience.

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## Technical Session Speakers

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### Victoria Hutt

Coordinator, Farm Talk Care

Victoria Hutt is the Coordinator of Farm Talk Care, a New Brunswick-based program focused on farmer mental health and farm safety. Launched in partnership by the Agricultural Alliance of New Brunswick, the National Farmers Union in New Brunswick, and Really Local Harvest—Farm Talk Care works to strengthen well-being and resilience across the province's agricultural sector. Victoria supports the delivery of key initiatives, including the Farmer Wellness Program, which provides free access to agriculturally informed counselling, the Agricultural Peer Support Network, farm safety programming, and practical tools, resources, and training to promote and support the mental wellness and safety of farmers for a strong and resilient agriculture sector in New Brunswick.



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### Joseph Graham

Kings County Coordinator, NBSCIA

Joseph is currently the Kings County Soil and Crop coordinator where he has spent the past 4 years assisting members in the region. Originally, he grew up on a beef and Christmas tree farm in the Sussex area, which his family is still operating to this day. Continuing his education in all things environmental, Joseph graduated from UNB Fredericton in 2016 with a Bachelor of Science (Environment and Natural Resource Management). A program delivered through the faculty of forestry with a strong focus on mapping and environmental change. This education helped support various projects within NBSCIA. Mapping and finding accessible mapping programs for producers continues to grow in importance for agriculture. More recently in late 2024 Joseph completed the requirements to legally fly agricultural drones in NB. This new technology has massively grown in popularity in agriculture across the globe.



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## Technical Session Speakers

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### **Andrew Sytsma, P.Ag**

Carleton Coordinator, NBSCIA

Andrew is the NBSCIA coordinator for the Carleton County area and has been with NBSCIA since 2020, first coming on as the Central region coordinator. He completed his BSc in Plant and Animal Science from Dalhousie Faculty of Agriculture in 2019. Andrew manages NBSCIA's weather monitoring initiatives such as the corn heat unit, growing degree day and rainfall mapping, soil temperature and frost tracking as well as the operation of NBSCIA's network of forty weather stations across NB. Andrew is also involved in NBSCIA's research work such as the Oat & Winter Wheat Cultivar Development and Starter Nitrogen in Soybean projects. Andrew is from a family farm near Centreville, NB which he helps operate.



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### **Ray Carmichael, M.Sc.**

General Manager, NBSCIA

Mr. Carmichael holds a MSc in Ag. Macdonald College, McGill University. Before embarking on a career in private consulting he served as a field crop specialist with the Plant Industry Branch, New Brunswick Department of Agriculture and Crop Supervisor for the Prince Edward Island Department of Agriculture responsible for supervising crop extension specialists, development and implementation of Departmental programs to support production of all crop commodities. In private consulting he assisted agri-food value chain stakeholders in areas of business planning and development, information management, food safety and security, financing and specialized in geo-referenced (Precision Farming) crop management services for potatoes and rotational crops.

Since 2015, Ray has served as a soil and crop management Ag-robotologist with the New Brunswick Soil and Crop Improvement Association (NBSCIA). After NBSCIA was accepted as an implementation partner for New Brunswick by Agriculture and Agrifood Canada in 2022 to deliver the On Farm Climate Action Fund, he assumed the role of NBSCIA-OFCAF Manager, supporting farmers in adopting BMP practices to reduce greenhouse gas emissions and sequester carbon.



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## Special Guests

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### **Hon. Pat Finnigan**

Minister of Agriculture, Aquaculture and Fisheries

Growing up on a small family farm in Rogersville, he learned quickly about responsibility and hard work, but also sharing and supporting each other through the good and rough times. Following high school, Pat continued his post-secondary education at the Nova Scotia Agricultural College, now part of Dalhousie University, where he graduated in Plant Science.



Pat worked several years with the NB Department of Agriculture before starting his own farm of greenhouse vegetable production, along with his wife Lise.

Following the footsteps of his dad, Pat got involved early in life with community, provincial and federal organizations, by sitting on boards locally such as president of the Rogersville Chamber of Commerce, local sports association, and regionally such as chair of the Miramichi Health Authority, and President of CBDC Atlantic, also President of the NB Agricultural Alliance representing over 1,000 farmers, and many others. Pat was able to do all of that, while building and running his greenhouse business which now included "Mr. Tomato Market" serving the region well for over 40 years, and contributing to the economy, and which also became a tourism destination.

Pat has also chaired the Standing Committee on Agriculture and was a member of the Fisheries and Ocean Committee.

On November 2, 2024, Pat Finnigan was sworn in as Minister of Agriculture, Aquaculture and Fisheries at the New Brunswick Legislature.

Pat and Lise have two children Vicky and Derek, and three grandchildren.

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## Special Guests

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### John Bos

NBSCIA President

Raised in Second North River, near Salisbury, John worked on neighbouring dairy farms in addition to the family mixed farm. At age 18 he moved to Midgic, NB to work on a cattle feedlot. Six years later he joined the family hog farm with his father (Boscenic Farms Ltd) and started his own beef feedlot. Over the next 20 years, John continued with hogs and beef while raising 4 children with his wife Janice. During this time, he served as President of Pork NB, sat on numerous organization boards and also became part owner in a local hardware store. In 2014, when his oldest son decided to also farm, they shifted to dairy with 50kg of quota. Currently they own 115kg of quota and grow all their own forage and about 50% of their grain needs. John was a long-time volunteer youth sport coach and currently is an active member of the Salisbury Lions Club. He presently serves as President of the NB Soil and Crop Improvement Association.



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## NBSCIA Service Description

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### Geomatic Package

- Includes a basic set of farm maps. These maps are georeferenced and illustrate watercourses and other buffers
- Custom mapping packages include soil status maps, target balance maps, variable rate application maps, GPS work, perimeter mapping, area determination, and crop yields.

### Soil, Manure & Tissue Sampling

- Includes sampling, sample preparation, completion of soil form, submission of samples, interpretation of results, and recommendations (does not include cost of soil analysis).
- 25% discount from PEI lab soil analysis

### Nutrient Management Plan

- Whole farm nutrient management plans, including plans compliant with the Livestock Operations Act.

### Environmental Farm Plan

- Can create field and farm maps and emergency response plans as part of your environmental farm plan.

### Crop Monitoring & IPM

- Planning, integrated pest management, scouting fields for insect pests and weeds, plant population counts, and plant emergence counts.

### Equipment calibration

- Calibrations on sprayers, seeders and manure spreaders.

### Emergency Response Plan

- Assistance with creating a written emergency response plan for compliance with regulatory bodies.

### **Cost of Production Analysis**

### **Research**

### **Production Management**

### **And more!**



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## NBSCIA Board of Directors

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John Bos —President

Dean Acton— Vice President

Jason Cleveland — Secretary/Treasurer

Allain Côté

André Côté

Etienne Godin

Alain Lepage

Charlie McIntosh

Jordan Crawford

Alex Jopp

David Christie

Ryan van de Brand

Fred Anderson

Ellen Gammon

John Riordon

Chandler Colpitts

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## Notes

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## OFCAF Program

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## Notes

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### PROGRAM DESCRIPTION

The On-Farm Climate Action Fund (OFCAF) is an initiative to help farmers tackle climate change. The Fund is part of the Government of Canada's Agricultural Climate Solutions program, which falls under the more than \$5-billion Natural Climate Solutions Fund, a 10-year (2021-2031) initiative managed by Natural Resources Canada, Environment and Climate Change Canada, and Agriculture and Agri-Food Canada. The New Brunswick Soil and Crop Improvement Association is delivering the OFCAF program to non organic farmers and groups in New Brunswick.



### PROGRAM OBJECTIVE

The objective of the On-Farm Climate Action Fund is to support farmers in adopting beneficial management practices that store carbon and reduce greenhouse gases, specifically in the areas of:

1. nitrogen management
2. cover cropping
3. rotational grazing practices



### ELIGIBILITY

All agricultural producers, agricultural groups or cooperatives with a New Brunswick Registered Professional Agricultural Producer number are eligible for up to \$100,000 over the entire six years of the program, based on gross farming income. Project examples:

- Inter-seed silage corn
- Purchase manure injector
- Increase legumes in rotation
- Install solar water system
- Install cross fencing
- Nutrient management plan

**REGISTER ONLINE:** <https://www.nbscia.ca/ofcaf-program-registration/>

Funding for this project has been provided by Agriculture and Agri-Food Canada through the Agricultural Climate Solutions On-Farm Climate Action Fund.



Agriculture and  
Agri-Food Canada

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Agroalimentaire Canada

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