



NUTRIENTS
FOR LIFE



NUTRIMENTS
POUR LA VIE

2019 Annual Report

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Agriculture in the Classroom PEI

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Farmers Edge

Inside Education

Manitoba Agriculture, Food and Rural Initiatives

Nutrients for Life Foundation USA

PEI Potato Board

Soil Conservation Council of Canada





Mission

Our mission is to educate Canadians about the sustainable use of nutrients to increase the health and quality of our soil, improve production of nutritious food, and preserve green spaces.

Vision

Through initiatives and programs, Nutrients for Life Foundation Canada “teaches the teachers” with curriculum-aligned resources and activities demonstrating the role of nutrients in plant production. We create parallels to modern agriculture and support meaningful learning about plant nutrition and food security.

Letter from the Chair



Bob Adamson

The challenges that we face in Canada and around the world are many. The United Nations Sustainable 17 Development Goals provide us a blue print of the challenges we are facing but also a roadmap to meet these challenges. The Nutrients for Life Foundation has considered these UN goals in both planning and implementation of programs and believes we are most effective in addressing these particular 3 goals.



The Nutrients for Life Foundation believes education is the key to achieving many of the UN's sustainable development goals. This year Nutrients for Life has worked diligently and effectively to meet the Foundations goals and vision as outlined in both the Annual General Report and our website. Our commitment to food and water security is of utmost importance. We have identified the need for sustainable agricultural solutions that protect the environment while meeting the demands for increased agricultural production. Our programs include on-line, print, visual and direct delivery workshops. These programs, delivered by our Regional Managers, are addressing and meeting this commitment across Canada and globally through our outreach and on-line portal.

In order for us to provide for a sustainable future, we need to continue to develop and implement education opportunities that engage learners of all ages in meaningful activities.

Our Learning Gardens, which has been established across Canada, along with our clear messaging regarding soil and plant health through 4R Nutrient Stewardship, are core to our school/community based active learning programs.

Nutrients for Life have set an ambitious goal to be the leading educational resource for agriculture and environmental stewardship. Meeting this goal will contribute to the fight against climate change, safeguard our water supplies, and protect the health of our soil while producing the food required to feed the world. Nutrients for Life prides itself on the collaborative work we do with government, industry, NGO's and farmers to ensure that all Canadians have access to science based resources. This collaboration helps to develop a broad perspective necessary to make informed decisions that impact the entire food production sector from farm to table. Our goal is to ensure that the next generation of Canadian students is engaged in science-based models in order to develop the broad perspective needed to make informed decisions.

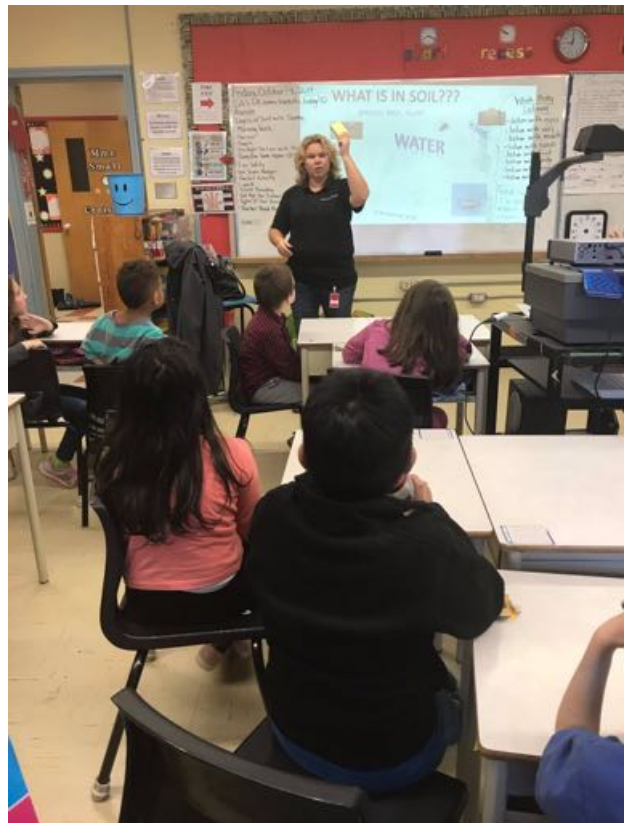
I look forward to ongoing collaboration with our NFL team of educators, Board of Directors and Foundation Partners to ensure that our journey continues to meet the needs of our local and global community.



A group of international students participating in an NFL lesson

A note from the Executive Director

As we wrap up another very busy year for the Foundation, it is wonderful to reflect on our accomplishments and outreach over the last 365 days. From participating in Canada's Agriculture Day in February to attending the Royal Agricultural Winter Fair in the fall, we have crisscrossed the country interacting with teachers, students and industry. Our science-based resources have reached more teachers and students again this year. We have fostered excellent partnerships with the like-minded organizations to help expand our reach. In 2019, we also updated our website and added of many downloadable resources. As more students and teachers are further removed from agriculture, this is the best time to be providing them with tools, resources and interactive ways to learn about the science of growing food and the importance of soils. We would like to thank our sponsors for believing in our vision and continuing to support the work we do for Canadian students. Our learning garden program continues to grow and we have been able to add 41 new schools to our NFL Learning Garden family. These gardens impact and teaches students the complexity of what it takes to feed the world. It allows them to nurture living thing, teaches cooperation, and above all it teaches them life skill that seems to have become almost lost to the vast majority of the population. The Foundation looks forward to another year, new interactive ways to engage students in agriculture, and providing resources to help them become a better, more informed consumer in years to come. Stay well and continuing growing.



Making edible soil profiles





2019 SCHOOL LEARNING GARDENS

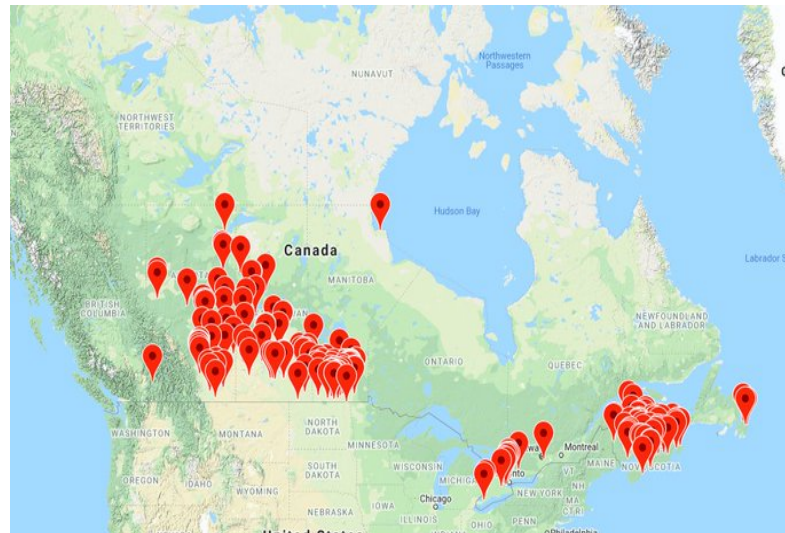
(\$3000.00 OVER 2 YEARS)

- Colonel J Fred Scott, Calgary AB
- The Farm, Airdrie AB
- Fleetwood-Bawden Elementary, Lethbridge AB
- St.Peter School, Saskatoon SK
- St.Mary's Wellness and Education Centre, Saskatoon SK
- Cut Knife High and Elementary School, Cut Knife SK
- Steinbach Regional Secondary School, Steinbach MB
- Churchill Northern Studies Center, Churchill MB
- Thamesville Area Public School, Thamesville ON
- F.E. Madill Secondary School, Wingham ON
- Bonar Law Memorial High School, Rexton NB
- Hernewood Intermediate School, O'Leary PE

2019 SCHOOL GARDENS

(\$500.00)

- Noble Central School, Nobleford AB
- Bowmont Community Preschool, Calgary AB
- Ecole Dickinsfield School, Fort McMurray AB
- Evergreen School, Calgary AB
- Senator Gershaw School, Bow Island AB
- Mother Teresa Catholic School, Grand Prairie AB
- Drumheller Valley Secondary School, Drumheller AB
- Hazeldean Elementary, Edmonton AB
- Pine Street Elementary, Sherwood AB
- Athabasca Delta Community School, Fort Chipewyan AB
- Brevoort Park School, Saskatoon SK
- Silverspring School, Saskatoon SK
- Humboldt Public School, Humboldt, SK
- Mortlach School, Mortlach SK
- Carlton Comprehensive Public High School, Prince Albert SK
- Ecole St. Matthew School, Saskatoon SK
- Mantiou Elementary School,Manitou MB
- Bernie Wolfe Community School, Winnipeg MB
- Ecole Margaret Underhill,Winnipeg MB
- Tanner Crossing School, Minnedosa MB
- Riverbend Colony School, Carberry MB
- Glenboro School, Glenboro MB
- Edmund Partridge Community School, Winnipeg MB
- Saint Rose School, Saint John NB
- West Riverview Elementary School, Riverview NB
- Queen Elizabeth School, Moncton NB
- Bristol Elementary School, Florenceville-Bristol NB
- Donagh Regional School, Donagh PE
- Ecole La Belle Cloche, Rollo Bay PE



Our school garden family continues to grow.



Regional Manager Highlight

Ray Cochrane

Ray Cochrane joined Nutrients for Life Foundation Canada in 2013 as a regional manager and has since grown into the Foundation's Saskatchewan hub for teachers. As a regional manager, Ray has developed countless connections with teachers and assists schools through the process of creating and maintaining a learning garden.



Regional Manager Highlight

Kent Lewarne

Kent Lewarne joined Nutrients for Life in 2009 when he was asked by a Board member to review the newest curriculum, *Nourishing the Planet in the 21st Century*. As an regional manager, Kent connects teachers and students to the Foundation's available resources and attends teacher conferences and industry events to further raise awareness of the Foundation.



Regional Manager Highlight

Tamara Sealy

Tamara began her career with Nutrients for Life Foundation Canada as an regional manager in 2014. Tamara travels across Atlantic Canada and Ontario to help youth understand food production and sustainable agriculture by delivering lessons and providing hands-on activities to students.



2019 YEARBOOK



In partnership with the Soil Conservation Council of Canada, all grade 3's at Sussex Corner Elementary, Sussex NB, participated in "Soil Your Undies" campaign to celebrate National Soil Conservation Week.

Top: Before burying the undies

Right: After 8 weeks of being in the soil

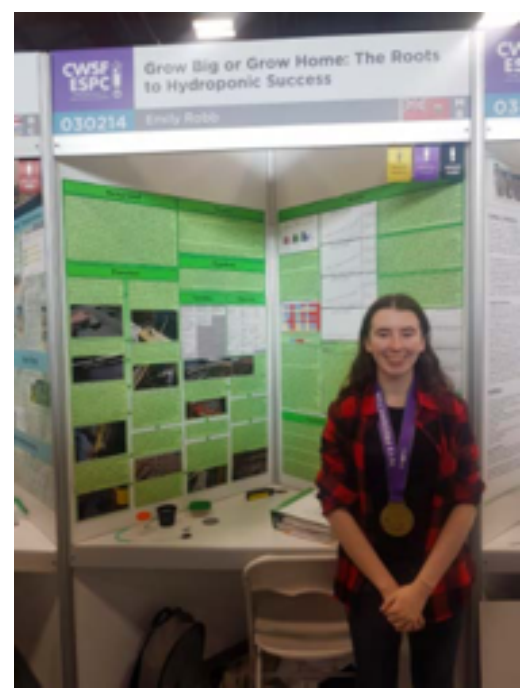


For the third year in a row, Nutrients for Life has participated in Canada's Agriculture Day in Ottawa. NFL has also partnered with Encounters with Canada to provide a soil testing workshop with their students who attend the agriculture week in the capital city.

Regional managers, Kent and Ray attending Science Teachers Association of Manitoba Annual Conference



Each year, Nutrients for Life sponsors a science fair project at the Canada Wide Science Fair and also participates in the open exhibit hall. Top: Booth at the STEM Fair at University of New Brunswick Right: Winner of 2019 NFL Award, Emily Robb.



In 2019, NFL was happy to partner with Scotts Canada to recognize a youth who make a difference in the school garden. The 2019 winner was Liam Van de Sande of Saint Andrews Junior School.



NFL staff attended the 2019 EECOM (The Canadian Network for Environmental Education and Communication) conference held in Saskatoon, SK. We were privileged to have Mitchell Timmerman of Manitoba Agriculture, Food and Rural Initiatives join our presentation on 4R Nutrient Stewardship.





Octagon Pond Elementary from Paradise NL was the 2019 winner for our "Soil your Undies Contest" (The winners received \$150.00 towards their school garden program).



NFL attends the Royal Agricultural Fair in Toronto, ON for the first time, thanks to our friends at the Mosaic Company.



While accompanying a group of students to the Japan Super Science Fair, Kent Lewarne and Bob Adamson (NFL Chair) were given an opportunity to present an agricultural lesson on 4R Nutrient Stewardship and introduce the group to the interactive sustainability game, Journey 2050.

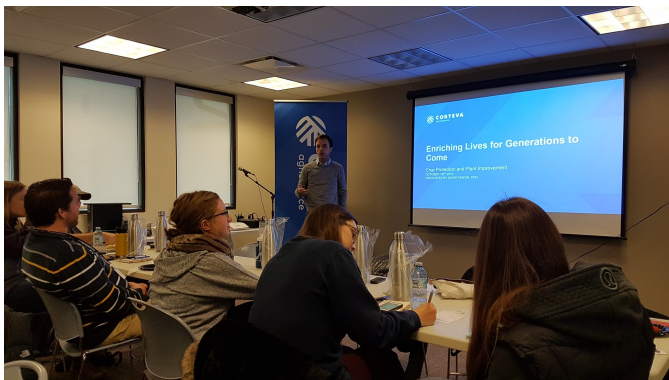


Saint Rose School was so happy to start their school garden in 2019 they sent us a huge "Thank You"

2019 Teacher Workshop

October 19, 2019

In partnership with Inside Education, NFL hosted a teacher workshop at the Corteva Agriscience facility in Lethbridge Alberta on October 19th. The 28 teachers in attendance learned from fellow schools how to implement a school garden into the school community, and they had an opportunity to hear from experts in the field about the importance of agriculture and the technologies used to feed the world. Regional managers also had several stations for the teachers to rotate through on activities such as soil charge & infiltration; soil texturing; soil profiles; and snow and rainfall simulators to learn about 4R Nutrient Stewardship. Thank you to Corteva Agriscience for hosting the group for the day and Inside Education in partnering with NFL for the event.



12th Annual NFL Canada Charity Golf Tournament

Bear Mountain Golf and Country Club Victoria, British Columbia August 20, 2019



2019 winners
Randy Pocrnick
Mike Nash
Penny Nash,
John Williams

It was a beautiful day for golf. Thank you to all participants, and an extra thank you to Fertilizer Canada for organizing and hosting the day!

—Tamara Sealy
Executive Director

Our Regional Managers continue to impact Canadians

- 236 classroom visits
- Impacted over 279 schools
- 18 national/provincial teacher conferences attended
- 28 industry events/meetings
- 41 school received grants for school learning gardens
- 3000+ resources distributed

DIGITAL IMPACT

TWITTER:

1,106 followers
105,243 impressions
1,922 engagements

FACEBOOK:

3,017 engagements
43,203 people reached
109,459 impressions

INSTAGRAM:

120 followers
3,487 impressions



Thank you

Nutrients for Life would like to thank those who help make the Foundation a success.

To donate to the Foundation, visit www.nutrientsforlife.ca

Many Thanks to our Sponsors,
to help make all of this possible!

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