

SPRING EDITION

FEBRUARY 28 | 2017

THE **VEGETATION MANAGER** *magazine*

PVVM CERTIFICATE OF ACHIEVEMENT

The UVMA-UAA has partnered with The Southern Alberta Institute of Technology (SAIT) School of Business to offer the new Professional Utility Vegetation Management (PUVM) Certificate Program.



2017

RESTORING POLLINATOR HABITAT USING IVM

Decline of the Monarch Butterfly
(*Danaus plexippus*) and threats to bees

FELLING IN A WINTER WONDERLAND

Safe tips for maintaining safe production
throughout the season.

PVMA - Providing You With Vegetation Management Expertise,
Environmental Advocacy, Utility Training and Certification -

www.pvma.ca

TABLE OF CONTENTS

- THE VEGETATION MANAGER -

PUBLISHER:

Professional Vegetation Management Association (PVMA) <http://www.pvma.ca>

EDITORIAL:

Editor: Val Eichelt/Bob Gordon
Editorial Committee

CONTRIBUTORS:

Brandon Tupper
Neil Thiessen
Kevin Tritten
Richard A. Johnstone
Angus Hill
Bob Gordon
Ryan Murray

SUBSCRIPTIONS:

All subscriptions are sent out via email and posted on pvma.ca/Vegetation-Manager

DESIGN:

Amber Casey, KC Communications

GRAPHICS LICENSING:

Regular Licensing from Adobe Stock

GENERAL ENQUIRIES:

P.O. Box 5468
Leduc, Alberta
T9E 6L7
Canada
Phone: +1.877.249.1508 Fax:
+1.877.248.3093
Email: val@pvma.ca
Website: www.pvma.ca

COPYRIGHT:

All material appearing in The Vegetation Manager Magazine is copyright or licenced for use unless otherwise stated or it may rest with the provider of the supplied material.

The Vegetation Manager Magazine takes all care to ensure information is correct at time of printing, but accepts no responsibility or liability for the accuracy of any information contained in advertisements.

3 PRESIDENT'S REPORT

Message from Brandon Tupper.

4 PUVM UTILITY VEGETATION MANAGEMENT CERTIFICATE OF ACHIEVEMENT

The UVMA-UAA has partnered with The Southern Alberta Institute of Technology (SAIT) School of Business to offer the new Professional Utility Vegetation Management (PUVM) Certificate Program.

8 RESTORING POLLINATOR HABITAT USING IVM

Restoring Pollinator and Wildlife Habitat Using Integrated Vegetation Management (IVM).

10 COMMITTEE REPORTS

Reports from PVMA Committees.

14 MEMBER PROFILE

Bob Gordon joined the industry as a twenty year old young man in 1986, hiring on with Asplundh Canada.

15 FELLING IN A WINTER WONDERLAND

Snow, cold weather and shorter days can lead to breakdowns, loss of production and an increase in hazards. However, with the right planning and attention to detail, you'll be able to enjoy those winter activities and maintain safe production throughout the season.

16 COMMUNITY SERVICE PROFILE

Featuring Brandon Tupper and the Lakeland Robotics Club (LRC).

18 ADVERTISING IN THE VEGETATION MANAGER

Detailed Advertising Rate Sheet and Production Schedule.

21 MESSAGE FROM NEIL THIESSEN

Thank-you for the privilege of serving.

PRESIDENT'S REPORT



- BRANDON TUPPER -



Over the past few years our association has seen a major shift in direction. There has been great commitment from individual people who want to make a difference.

These volunteers have helped create and shape the association as you see it today. I would like to thank everyone who has committed to the PVMA in any capacity.

I will be completing my 6th year as president this spring and have really enjoyed my personal growth through this journey. I feel like I am still fresh with ideas and contributing to make this association about you the member and look forward to contributing where I can continue to be effective.

We have nearly finished planning our 2017 year and we have some new changes and challenges.

First off, I would like to thank Neil Thiessen for his years of service. He joined in late 2010 and will be completing his commitment as Executive Director this spring.

Neil has brought the balance needed for the Board of Directors to be able to operate as efficiently and effectively as they have been.

Val will be moving up to Business Manager and we are looking at filling some office administration with temporary staff.

We recently upgraded our office space from a 600sqft space to a 1200sqft space. Rental

prices have become attractive and a space that better fits our needs became available. We have signed a 5-year lease and are in the same building as the old office just inside the main door.

A recent initiative that the executive has taken this year is online meetings. The current business environment has tightened budgets and time.

With the introduction of online meetings, we hope to have more frequent but shorter meetings. We hope to create an environment where PVMA members can be involved in the association at little time lost or cost to being a committee member.

We have also introduced strategic plans for each committee and look forward to updating the membership with our new scorecards on what has been happening and what will be happening at the association.

BRANDON TUPPER
President - PVMA





PROFESSIONAL UTILITY VEGETATION MANAGEMENT CERTIFICATE OF ACHIEVEMENT

- BY NEIL THIESSEN & KEVIN TRITTEN -



Industry Leading Program For Existing and Aspiring Managers Now Available

The Utility Vegetation Management Association (UVMA) is sponsored by the major utility and contracting companies in Western Canada. The UVMA is committed to the enhancement and advancement of the utility vegetation management industry by offering professional development opportunities for existing and aspiring utility vegetation management professionals employed with utilities companies or as consultants and contractors.

The UVMA-UAA has partnered with The Southern Alberta Institute of Technology (SAIT) School of Business to offer the new Professional Utility Vegetation Management (PUVM) Certificate Program. SAIT is a leading provider of education, training and workforce development solutions to organizations. SAIT has a proud 100 year history and since 2011 alone has worked with more than 1,000 organizations worldwide.

Students who complete the requirements of the PUVM program will receive a SAIT Certificate of Achievement. Students are then eligible to apply for UVMA's professional designation of Utility Vegetation Management Professional (UVMP).

This 2 1/2 year, 400 hour program is designed for individuals working in the utility vegetation management industry who wish to develop and enhance their knowledge, management, leadership and planning skills. Utility vegetation management subject matter experts, many in senior industry positions, have worked diligently over the past two years to develop the curriculum for this exciting new program.

There is a strong focus on transferring learning to the workplace and solving real life problems. Courses are based on adult learning principles and take a student-centered approach.

The delivery of the courses is primarily on-line (320 hours of the 400 hours). The remaining 80 hours (40 hours in each of two courses) provides students the opportunity to present their integrated vegetation management program plans and business cases to their peers in a supportive and collaborative environment, while networking with their industry colleagues.

Current students from contractor, consultant and utility backgrounds are reporting that the program is valuable as it applies to their respective roles in the industry.

THE PROGRAM EXPLORES THE FOLLOWING AREAS:

- Overview of the Utility Vegetation Management industry, including career and credential opportunities, electrical systems and arboriculture principles, industry stakeholders, land ownership types and applicable governing authorities.
- Utility arboricultural principles, climatic zones and growth rates, work crew configurations and resource optimization.
- Methods of collecting, storing and retrieving accurate vegetation inventory data.
- Legal and regulatory compliance requirements, minimizing risk and liability utilizing best practice methods of documenting and storing records.
- Assessing and creating effective utility vegetation management plans including budgets.
- Business case development skills.
- Integrated vegetation management plans including areas such as growth rates, treatment methods, operational cycles, environmental factors, project management, inventory management, data management systems, budgets and implementation of contracts.
- Risk management and decision making as a manager, leader or

- aspiring manager in the industry
- Principles of making change and shifting the workplace to a sustainable culture of safety.
- Developing a culture of clarity, visibility and accountability through effective communication and leadership practices that result in effective solutions.
- Constructing professional and effective business cases to ensure your ideas, needs and recommendations are heard.



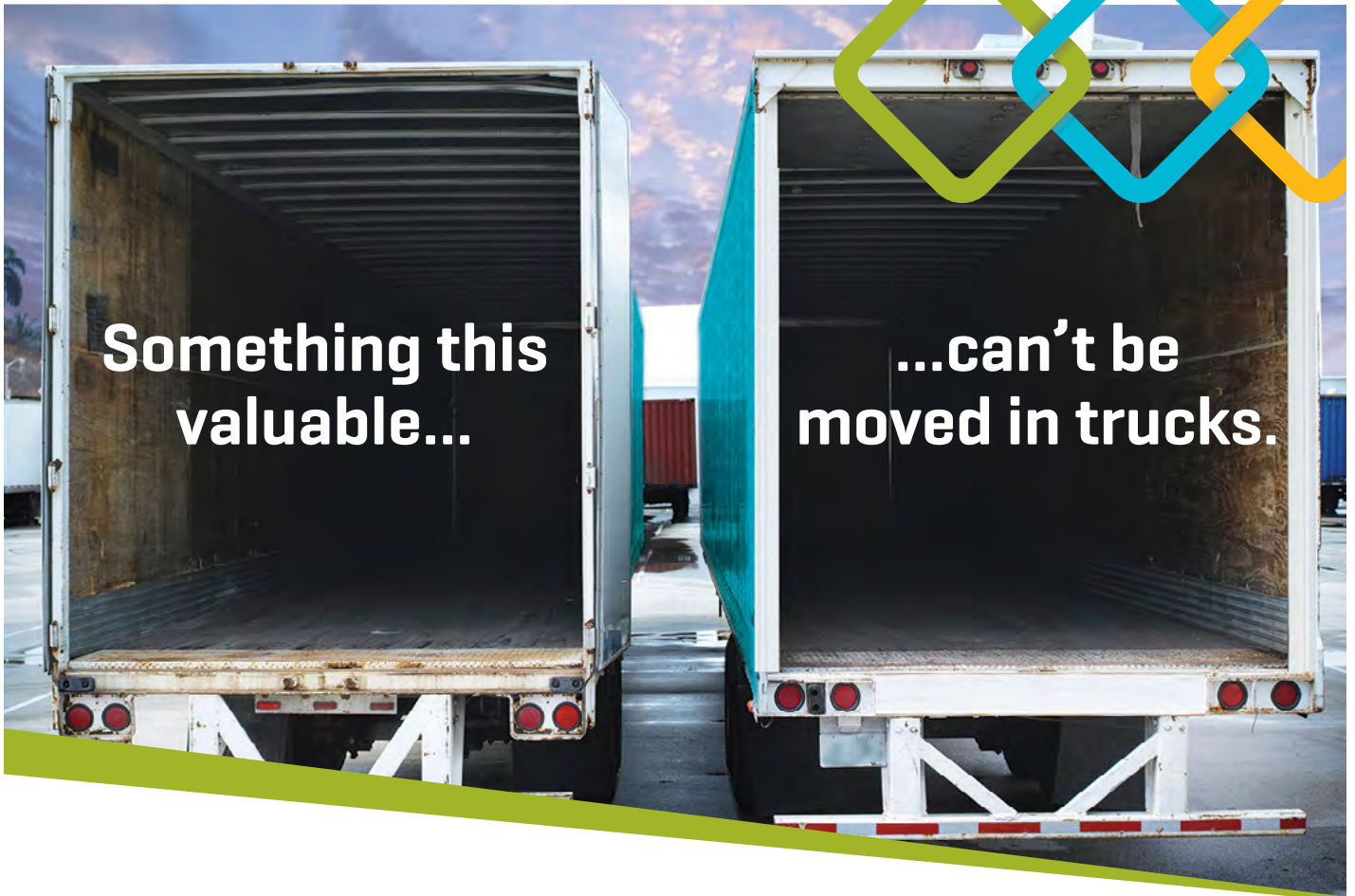
PROFESSIONAL UTILITY VEGETATION MANAGEMENT (PUVM) CERTIFICATE PROGRAM OUTLINE

Course Name	Start	Duration and Delivery Format	Course Length	Pre-requisites
MNGT 130 Introduction to Utility Vegetation Management	Jan – Mar April – June Sept - Nov	10 weeks online	40 hrs	None
MNGT 131 Utility Arboriculture Principles & Optimizing Resources	Jan – Mar April – June Sept - Nov	10 weeks online	40 hrs	MNGT 130
MNGT 138 Inventory & Data Base Management Systems	Jan – Mar April – June Sept - Nov	10 weeks online	40 hrs	MNGT 130
MNGT 135 Contracts & Project Management	Jan – Mar April – June Sept - Nov	10 weeks online	40 hrs	MNGT 130
MNGT 133 Program Planning	Jan – Mar April – June* if necessary Sept - Nov	9 weeks online, 1 week classroom (full week), final week online	80 hrs total (40 hrs online, 40 hrs classroom)	MNGT 130 MNGT 131 MNGT 138 MNGT 135
SFTY 100 A Culture of Safety	Jan – Mar April – June Sept - Nov	10 weeks online	40 hrs	MNGT 130
LDSH 157 Leadership for Utility Vegetation Managers	Jan – Mar April – June Sept - Nov	10 weeks online	40 hrs	MNGT 130
MNGT 136 Business Case Management	Jan – Mar April – June* if necessary Sept - Nov	9 weeks online, 1 week classroom (full week), final week online	80 hrs total (40 hrs online, 40 hrs classroom)	MNGT 133 SFTY 100 LDSH 157

- Courses are to be taken in sequence over 2 1/2 years as there is prerequisite learning for each course.
 - Students may take up to 5 years for completion of the program.
- Courses are graded using a rubric designed to recognize participation, completion of assignments and communications. No final exams.
- Tuition is set by SAIT and is in line with similar academic courses. Currently CAD \$799.00 per course (Approximately USD \$650.00 per course).

FOR FURTHER INFORMATION ON THIS PROGRAM CONTACT

SAIT-TRAINING.COM/PUVM



ProTraining by Univar delivers knowledge to hundreds of VM Pros and empowers managers to track their employees' educational progress.

Built in cooperation with provincial licensing agencies, ProTraining reflects our commitment to raising the bar for the vegetation management industry.

It's easily the most valuable product we move... even if it never travels a mile.

ProVMWeb.com/ProTraining



RESTORING POLLINATOR HABITAT USING IVM

IVM Partners
Integrated Vegetation Management
Managing Ecosystems Together!

- RICHARD A. JOHNSTONE



I presented on the subject of “Restoring Pollinator and Wildlife Habitat Using Integrated Vegetation Management (IVM)” at the Canada/Mexico/U.S. Trilateral Committee of Wildlife and Ecosystem Conservation and Management at their 2015 annual conference held in San Diego, CA.

The Trilateral Committee is headed by the directors of the Canadian Wildlife Service (CWS), the U.S. Fish and Wildlife Service (USFWS), and the Ministry of Environment and Natural Resources of Mexico (SEMARNAT). The main topic of concern was the decline of the Monarch butterfly (*Danaus plexippus*) and threats to bees, which was spurred on by the “Federal Strategy on Pollinators” signed by the President of the United States in 2014.

Later that same year, I met with the Director of US Fish & Wildlife Service in Washington, DC at back-to-back meetings on the same topic; one with Edison Electric Institute (representing the electric industry) and the other with CropLife America (representing the agriculture industry). The Service was petitioned in 2014

by several conservation groups requesting Endangered Species Act protection for the monarch and its habitat. This would be a game changer for all vegetation managers, because destruction of monarch habitat could be considered a “taking” and be subject to fines and legal action.

The monarch is already listed as a Species of Special Concern in Ontario. The Director urged both electric and agriculture to do their part in restoring habitat, primarily milkweed, that was necessary for the restoration of the monarch. FWS estimates that an additional 2 billion milkweed plants are necessary to restore the monarch to a sustainable population.

I was asked to attend these meetings because the non-profit corporation that I serve as president (IVM Partners, Inc.) has demonstrated across diverse ecosystems of the United States, with photographic and botanical documentation, that pollinator habitat can be restored by using IVM best practices. Expensive landscape planting of milkweed and wildflowers is not necessary, and is cost prohibitive if we are to achieve the goals of the pollinator strategy. What is necessary is for electric, natural gas & oil, and highway rights-of-way (ROW) managers to stop routine mowing of vegetation and instead selectively apply herbicides to remove problem trees and invasive shrubs and allow the native forbs and grasses, the early successional plant community, to germinate and reclaim their prior domains.

Many conservationists and government agencies recommend planting various “prairie” plant mixes to restore pollinator habitat, and one can often see the results of these demonstration gardens at roadside rests or at corporate offices.

There are an estimated 25 million hectares of land in North America on various ROW (electric, gas, highway, railroad) and the vast majority of these are maintained with routine mowing. If you simply stopped mowing and surveyed the number of plant species that exist on your ROW, you will likely find 20-40 different species.

Let these plants grow for one or two growing seasons following your last mowing, and then selectively apply herbicides to only remove the plants that are incompatible with your management objectives.

Within the remaining plants you may even find some germinating milkweed, but even if you don't, you will find several grass and forb species that can provide much needed food for pollinators.

Our botanist, Michael Robin Haggie, is spearheading an effort to establish a Pollinator Site Value Index (PSVI), which is a measure of importance of various flowering plants to provide food for pollinators, using the most studied insect, the European honeybee, as the primary subject. His initial findings highlight the importance of a diversity of plant species that flower throughout the year, ensuring that high value pollen and nectar are available to fuel the pollinators on their migrations.

Yes, milkweed is vital for the monarch larvae to feed on, but so are asters (Asteraceae), legumes (Fabaceae), mints (Lamiaceae) and evening-primroses (Onagraceae) to provide the energy for adult migratory flights. And with ROW criss-crossing the migratory routes of monarchs and birds and through every ecosystem type in North America, we have an opportunity, no indeed, an obligation, to manage our ROW using IVM best practices!



Navius[®]

Navius, now with...

- Expanded label
- No restrictions on grazing or haying
- Lower application rates

www.BayerES.ca/VM

ALWAYS READ AND FOLLOW LABEL DIRECTION. Bayer, the Bayer Cross and Navius are trademarks of Bayer.

Will Roberts
226.821.5845
will.roberts@bayer.com

Darrell Chambers
403.498.7006
darrell.chambers@bayer.com

UTW-UTT (UTILITY TREE WORKER/UTILITY TREE TRIMMER) BOARD OF GOVERNORS REPORT

- ANGUS HILL, DIRECTOR IN CHARGE -

UTW-UTT BOARD GOVERNANCE

**Director In-Charge
Angus Hill**

APPOINTED BY THE BOARD OF DIRECTORS

Policies & Procedure John Moir	Finance & Contracts Richard Law	Curriculum Development & Design Kevin Tritten	Certification Barry Rothel	Industry Liaison Terry Maimas
<ul style="list-style-type: none"> • Policies • Procedures • Compliance • Dispute Resolution 	<ul style="list-style-type: none"> • Financial Accountability • Pricing • Contracts • MOU's • Grants 	<ul style="list-style-type: none"> • Pre-Post trainer delivery briefing • Oversees SMEs • Maintenance & Upgrades 	<ul style="list-style-type: none"> • Administration • Cert Criteria Standards & Policies • Equivalency 	<ul style="list-style-type: none"> • Publicity & Advertising • Government Liaison • Utility Liaison • Contractor Liaison

UTW-UTT CERTIFICATION PROGRAM

The UTW-UTT BOG oversees the governance of the UTW-UTT Certification Program offered by the PVMA. The program is focused on worker safety and supported by the major utilities and most brushing contractors. The process involves establishing and ensuring minimum standards of competence for workers working in proximity to energized powerlines.

Workers seeking certification must have 2,400 hours of field work in certain domains signed off by a certified person and attend Olds College for mandatory electrical training and skills competency testing. Once completing these requirements satisfactorily, they may apply for and become a certified UTW or UTT.

This past year the BOG meets regularly and is in the process of defining the roles of the board members and dealing with the day to day governance of the program.

KEY ACHIEVEMENTS TO DATE

- Formation and development of the BOG roles
- Appointment and PVMA approval of board members
- Establishment of increased minimum field hours to 2,400
- Review of Code of Ethics and certification requirement
- Review and decisions relating to certification process
- Member and Non-Member communication
- Review of regulatory influences on the certification process
- Renewal of contract with Olds College for delivery and assessment
- Began the discussion regarding possible Red Sealing workers
- Survey of major utilities in Western Canada about UTW-
- UTT certification process

ITEMS FOR DISCUSSION AND REVIEW 2017

- Review Certification Proficiency Standards
- Review Code of Ethics investigation requirements
- Explore eLearning for UTT/UTWs on PVMA website
- Review Environmental Training for UTT/UTWs



Expert Safety Training & Qualification
Your Site - Your Schedule - Our Experts

www.arborcanada.com
1-877-268-8733 or 403-556-1701

PVMA COMMITTEE REPORTS

MEMBERSHIP

Our 2015 membership:
Corporate 11, Group 11, Individual 46

Our 2016 Membership:
Corporate 13, Group 44, Individual 75

This is an increase of about 40%. The 2016 membership increase was due in part to a new member management system run by the website and office manager. We will be running membership campaigns in the coming year.

- GOVERNMENT LIAISON COMMITTEE -

The government liaison committee underwent a strategic planning session to determine if the current direction is meeting the objectives of the association. It was determined that the committee needed to be reworked and re-purposed.

The committee's new purpose is educating members with changes in legislation by working directly with government bodies concerned with the regulation of vegetation management. The committee is looking for individuals who have an interest in the affairs of government. This includes meeting with provincial governments and federal government representatives.

We hope to be able to showcase membership all the legislation that governs the affairs of rights-of-ways in an upcoming issue. We held a meeting with the PMRA and here is the update:

Emily Carpenter works for Health Canada's Pesticide Compliance Program which is responsible for delivery of compliance and outreach programs for the Pest Management Regulatory Agency (PMRA). Inspections were conducted throughout Canada and specifically around 30 inspections were performed in the prairie region, to verify compliance under the Federal Pest Control Product Act (PCPA). Examples included possibly completing a pesticide use practices questionnaire, audit of pesticide application records and product inventory verification.

Typically, frequencies of inspections are cyclical (3-5 years) or conducted based on complaints that have been brought to their attention.

Some of the concerns of Health Canada that were brought forward as a result of the inspection process were as follows:

PERSONAL PROTECTIVE EQUIPMENT:

- Is the proper type of chemical resistant glove being used to protect the applicator?
- Is the correct type of safety eyewear being used for mixing and loading?
- Are long sleeve shirts versus company t shirts being used in conjunction with coveralls or long pants?
- Respirator fit testing annually versus bi-annually.

OTHER ITEMS BROUGHT FORWARD:

- Restricted entry on treated areas . . . Is correct signage being posted?
- Individuals applying the product Arsenal must be certified pesticide applicators and not authorized or non-certified assistants.
- Storage of expired products
- Up to date labels on various products? The label on some of the older products that companies have in inventory might not be current and correct, as changes may have been made. Health Canada has information on their website that outlines specific label changes to various products.
- Potential products that might be part of inventory are being phased out (IE: Krovar Dec 30, 2018). Membership should be aware of these to ensure compliance.
- Reporting on Health Canada inspection results

EMERGING ISSUES

- Label rates (high maximum rate/below label rate)
- Maximum use daily rates for applicators applying certain products
- Tank mixes
- Buffer zones (bodies of water)

Michael Badger – Director in Charge

- PROTOCOL COMMITTEE -

The protocol committee also went through a strategic planning session and it was determined that the committee should also be refocused. Traditionally the committee has been focused on the "Protocol Manual".

When there is no update going on, the committee remains quiet. However, we feel that the committee should be encompassing more than just the protocol manual. We have given the committee a new purpose – the official procedure or system of rules governing the affairs of PVMA.

Our newest manual is "How to Conduct a Vegetation Management Plan" you can get your digital or printed copy from the PVMA store at www.pvma.ca.

Vaughn Leuschen – Director in Charge

- CASINO COMMITTEE -

Our next Casino is coming up in the fall of 2018. We are looking for some more dedicated team members to lead this initiative as well as volunteers.

Keep the date in mind and if you are interested please contact Val at the office. We received some help with using our funds from Barry Gibbs. We believe that, moving forward, we have outlined a plan to use them effectively.

Brandon Tupper, Director in Charge

- NATIONAL COMMITTEE -

A committee has been formed to assess what a more united industry looks like. Representatives from across the country have been meeting to discuss the strengths, weaknesses, opportunities and threats of our industry.

What would a national organization look like? What would a national committee look like? What benefits to memberships would there be? Are other committees national committees? Are we better off as individual organizations?

All these questions will be answered by this committee and they will report to the BOD of each organization. If you are interested in learning more about this committee, please contact:

Brandon Tupper at Brandon@Knightspraying.ca

- MARKETING COMMITTEE -

Upon completion of the strategic review of the Public Relations Committee the Committee determined that the goals and objectives of the PR Committee were more in line with that of a Marketing Committee.

This fostered the transition of the PR Committee in to the new Marketing Committee which is a more accurate reflection of the overall goals of the PVMA.

The Committee is tasked with improving the overall branding of the PVMA as well as, ensuring a cohesive image of what the PVMA stands for.

The Marketing Committee has been recruiting new members and determining priority objectives for 2017. These objectives include further expansion into social media, a website review, review of brochures and other promotional material, as well as, coordinating activities with the Editorial Committee to ensure a consistent image. 2017 is shaping up to be an exciting year for the Committee and we are looking for more members to help contribute to the continued success of the PVMA.

Mike Bates – Director in Charge

- AWARDS COMMITTEE -

The Awards Committee recently completed an overhaul of the PVMA bursary program and submissions have increased compared to previous years.

The committee intends to perform a similar revamp of the PVMA Scholarship during the winter of 2017 with the same goal of improving submission numbers.

The PVMA is also accepting nominations for the Larry Beaton Memorial Award and the Honorary Membership Award.

Nomination forms for these awards, as well as, bursary and scholarship applications can be found at www.pvma.ca.

Mike Bates – Director in Charge



Expert Safety Training & Qualification
Your Site - Your Schedule - Our Experts

www.arborcanada.com
1-877-268-8733 or 403-556-1701



JIM HEPPER
TREE SERVICE LTD.

JIM HEPPER

Powerline Right-of-Way Maintenance Consulting
CELL 780 916 0934 FAX 780 455 4496
9739 146 STREET EDMONTON, ALBERTA
Email: jhepper@shaw.ca

MEMBER PROFILE - BOB GORDON



How do we better communicate with the young men and women who are looking at joining this industry?



Bob Gordon joined the industry as a twenty year old young man in 1986, hiring on with Asplundh Canada. He was a fresh faced ground hand, not quite sure what he had got himself into or really what was in store for him on this path he had chosen.

Leg protection while operating a chainsaw had just become a requirement as mandatory PPE, along with hard hats and hearing protection. When his foremen shared tales of ball caps being worn while trimming trees along with cowboy hats in some cases, again he wasn't quite sure what he had got himself into but he stuck with it.

The training he received was more a mentorship at the time. The more senior employees took him under their wing, ensuring he learned the right way to do things. Sometimes it was the school of hard knocks,

but he learned quickly and those lessons stuck with him.

After a few years of working on the crews and working his way up to a position where he was considered a lead hand on the crew, his supervisor enrolled him in the IVMA course at Olds College. He had heard enough about the course to understand that it had been started up in the early eighties by members of industry to ensure that those running crews received formalized training in electrical safety and were evaluated in the other key elements of the job from tree id to chainsaw, climbing and bucket truck.

Once again he arrived at the course not really sure what to expect and was introduced to instructors from within the industry that were there to see him succeed.

They put him through the paces but they took the time to ensure he understood the importance of what he was involved with. After completing the course and after putting in some more time working on the crews; Bob was given a crew and a shiny white hat and thought he was the king of the world.

He continued running a slash crew for a number of years then, to his surprise, he received a call asking him if he would be interested in assisting with the chainsaw training at the IVMA course at Olds College. He accepted and has been an active instructor with the program for the last fifteen years. One

of his greatest rewards from instructing this program is running into students he taught years earlier who have thanked him for the experience they had at the course.

Even after many years of sitting on and chairing committees such as the PVMA Safety Committee and the PVMA Editorial Committee there is still a question that remains, that he doesn't have the answer for yet; How do we better communicate with the young men and women who are looking at joining this industry? They are sitting back wondering what they are getting themselves in to and if there is a chance for them to make a career out of this, just as Bob was thirty years ago.

Bob has stayed in this industry for the last thirty years not just because it has given him the ability to support his family but it has introduced him to some of what he considers to be the greatest tree people in the industry.

Bob had the good fortune of learning from them along the way. If you are sitting back wondering how do I join a committee or how do I find out more about the industry, go to the PVMA web site have a look around at "www.pvma.ca".

There is contact information that you can direct questions to and if you have that answer of how the PVMA can better get information out to the industry, let them know.

Southbrook Safety and Consulting Ltd.

Wade Smith (Owner)

T: (780) 439-6774
C: (780) 983-3426
2325 Bailey Court
Edmonton, AB T6W 1H9
southbrooksafety@shaw.ca



KNIGHTS
SPRAYING INC
SHIELDING YOU FROM VEGETATION RISK

FELLING IN A WINTER WONDERLAND

- RYAN MURRAY, DAVEY TREE EXPERT CO. OF CANADA LTD -

The arrival of winter brings some wonderful things. Outdoor sports like snowboarding, sledding and pond hockey, and time spent with family and friends over the holidays.

It can also bring some challenges to the workplace. Snow, cold weather and shorter days can lead to breakdowns, loss of production and an increase in hazards. However, with the right planning and attention to detail, you'll be able to enjoy those winter activities and maintain safe production throughout the season.

Please keep the following in mind when operating chainsaws throughout the winter season, both at work and at home:

1 Buddy System- Never work or play in the cold by yourself. A friend or co-worker can notice signs of cold-related illness and prevent these from becoming serious.

2 Winterize your equipment- Check with your manufacturer for guidelines on how to prep your tools for the colder temperatures. A simple winter kit for your saw can go a long way in keeping your production up.

3 Clean your equipment frequently and before you finish the day- Before break or at the end of the day, when your saw is still warm, is the best time to clean out your bar, clutch cover and the rest of the saw. This will ensure you are ready to go after break or in the morning.

4 Trees react differently in the cold- Whether you are felling whole trees or dropping a top, holding wood is not the same when the leaves are off and the temperature falls. Conscious awareness of this fact, and perhaps a timely reminder to your crews and co-workers, is a good way to reduce the risk. Also, the use of two ropes (one tied-off at a 90 and one for pulling) can help mitigate this hazard.

5 Weather-wise Protective Equipment- Slips, trips and falls are a constant hazard when working in the cold. When pulling trees over this can be even more hazardous. The use of traction assists and the proper boot for the conditions can help reduce the occurrence of these events. There are specially designed gloves for running chainsaw in the cold. They are a mitt with a trigger finger, sometimes referred to as 'penguin gloves'. With regards to clothing, a wind-resistant and highly visible outer garment is recommended. Follow this with multiple layers so that you can remove or add layers as needed.

6 Don't place your saw in deep snow- Before setting your saw down, make a clearing with your boots. This will keep your saw operating at an optimal level.

7 Trees are more brittle in the cold- When wedging, be aware that branches or ice could become dislodged when you are driving your wedge into the tree. This also applies when running a rope up the tree.

8 Stay home- Sometimes the best way to be safe is to stay indoors and wait for the worst to pass. Contact your Safety Department, Management or even another crew leader if you are unsure if it is safe to work.



Neil Thiessen, Past President IVMAA

- Congratulations to the membership
on a successful transition from the
IVMAA to the newly focused PVMA. -

COMMUNITY SERVICE PROFILE

BRANDON TUPPER

“Their success created a buzz in the community and raised the profile of Science, Technology, Engineering and Mathematics (STEM) education.

Brandon became involved in Robotics a couple years ago, as a fan of a couple neighborhood kids.

Their success created a buzz in the community and raised the profile of Science, Technology, Engineering and Mathematics (STEM) education.

Brandon saw an opportunity to give back to the community when the kids asked if he would help them form a Robotics Club – he thinks they wanted some local competition!

Using his skills and network through his previous jobs, PVMA and his MBA he jumped on the team and provided instant help.

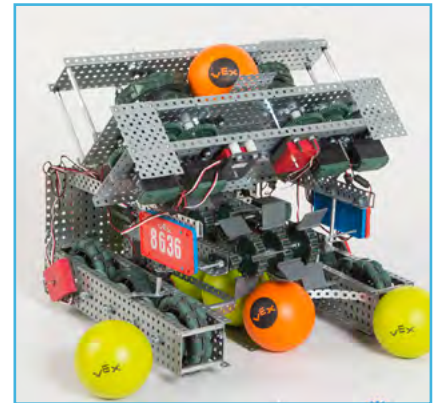
In the fall of 2017 they hope to showcase the Lakeland Robotics Club (LRC) to their community. Open to students from elementary to senior high school - the club will provide learning and competitive opportunities for those students wanting to expand their learning of robotics.

LRC will provide this opportunity using a 13-week curriculum. As students challenge themselves and learn how STEM education can open future opportunities to them. Interest in Robotics and STEM education has continued to increase globally. In their community, they saw the knowledge, skills and attributes of a young generation and wanted a place where these skills could be fostered. In the fall of 2016 they formed one of Alberta's first Not-For-Profit Robotics clubs - LRC.

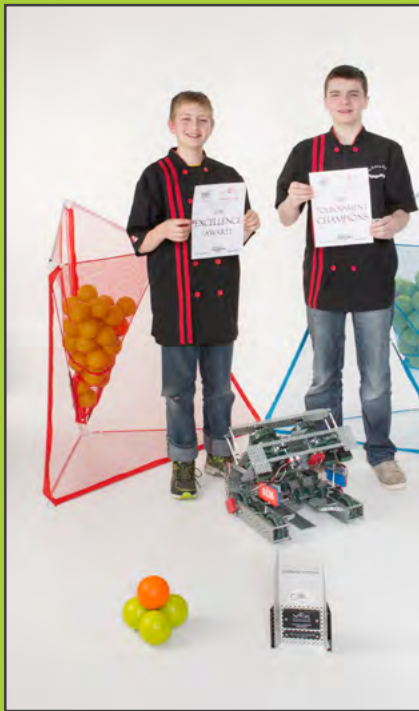
The main objective of the club is to “Foster STEM and Robotic education in our community”. This year (2016) the focus for the club has been on creating the structural framework required to be ready for our fall 2017 launch. This included finding a larger space for students to meet, creation of a student handbook, business plan, leadership guide, creating exciting opportunities for sponsors to buy robots for students to use, a sustaining membership structure, safety program and expanding the coaching and leadership experience in the club.

The club meets two times a week starting in September for 6 months. This year they have a smaller group of kids and are focusing on the foundational elements of starting a Robotics Club. At the beginning of 2017 they hope to bring in a prototype robot for elementary kids to work on. It is a great opportunity for summer seasonal workers to get involved in their community and help!

There is a passion growing for STEM education and opportunity is everywhere. They hope to have a competitive team at Provincials this year and possibly another appearance at the World Robotics Competition – and maybe one day their clawbot will do something more than just squeeze a trigger.



DO YOU KNOW OF A PVMA MEMBER WHO IS GIVING BACK TO HIS/HER COMMUNITY OR ARE YOU ONE? PLEASE EMAIL VAL@PVMA.CA AND LET US KNOW.



THE VEGETATION MANAGER magazine

- ADVERTISING RATE SHEET

2017 RATE SHEET * SUBMIT ADS OR INQUIRIES TO VAL@PVMA.CA

AD SIZE SPECS:	SINGLE ISSUE RATE (MEMBER)	ANNUAL RATE (MEMBER) * Four Issues - 2 printed, 2 electronic (printable)
FULL PAGE ADVERTISEMENT	\$800	\$2240
HALF-PAGE ADVERTISEMENT	\$550	\$1540
QUARTER PAGE ADVERTISEMENT	\$400	\$1120
BUSINESS CARD ADVERTISEMENT	\$100	\$280

* PLUS GST

Full Page Ad: 8.375"(w) x 10.875"(h)

(with 0.125 bleed)

1/2 Horizontal: 7.375"(w) x 4.875"(h)

1/4 : 4.125"(w) x 5.375"(h)

Business Card: 3.5" (w) x 2" (h)

NOTE:

Keep live matter 1/4" from trim on each side. For ad spread units, please supply 1/16" duplicated image on both sides of the centerline.

- PUBLICATION SCHEDULE

Deadline for submission

January 10, 2017

April 13, 2017

August 11th, 2017

September 14, 2017

Distribution Date

February 28, 2017 (Print)

May 1, 2017 (Electronic)

Sept 7, 2017 (Electronic)

October 26, 2017 (Print)

FULL PAGE

HALF PAGE

**QUARTER
PAGE**

**BUSINESS
CARD**

EVEN OUT HERE, CURB APPEAL MATTERS.

Get fast-acting control plus a unique mode of action for
glyphosate and Group-2 resistance management.

Overdrive[®]
Herbicide

Now in a more convenient, 8 hectare jug.

Overdrive[®] herbicide uses an ultra-low rate to deliver post-emergent, broad-spectrum control of broadleaf weeds, including resistant biotypes in bare-ground, roadside and range and pasture applications. For more information on Overdrive, please visit www.BetterVM.ca.

 **BASF**

We create chemistry

Always read and follow label directions.

OVERDRIVE is a registered trade-mark of BASF SE; used with permission by BASF Canada Inc. © 2017 BASF Canada Inc.

THANK YOU FOR THE PRIVILEGE OF SERVING

- NEIL THEISSEN



I have had a privileged career. I have been involved in the agricultural chemical and vegetation management related business for over five decades. I have amassed a lifetime of friendships and treasured associates. I have achieved beyond my earlier life expectations, and I did none of it by myself!

I learned early in my career, which began as a research lab technologist at Western Coop Fertilizer, that there were givers and takers. I learned exclusively from the givers, many of which became lifelong friends. I also learned early on the joy and satisfaction of helping and mentoring younger people in the industry. You get out of it what you put into it! Any accomplishment or any recognition I get anywhere along the line, is totally humbling to me as I know without my family and network, none of it would have been possible.

My first job in sales in the Ag Chemical business was through a friend who saw something in me I didn't. In his words "what would you do with a young man who is sitting in front of me looking for a job who has energy and some fire in his ass"? The answer he got from his friend was "send him over, we need people like that"! Yes I got the job in sales with NO sales experience. I never forgot those words and tried to be that

young man my entire career. One job led to another and I ended up in the IVM business in the 1970s. After starting our own business I was asked to participate on a committee formed with various IVM industry managers, contractor, and government, and pipeline, utility and chemical companies. In 1974 this committee prepared a brief to submit to the Alberta Government on the use of industrial herbicides. After the brief was completed there was a move to disband the committee. That evening two of us had a few beers and decided that there would be an ongoing need to have an industry voice. The other man was Stan Powers, who worked at Alberta Agriculture and was Ed Kelly's father-in-law. It did not take too many more beers to convince the group we needed to form an association, thus the birth of the IVMAA in 1978.

A privilege it was to be a charter member! The bigger privilege was the opportunity we all saw to help the industry and the stakeholders. I believe that mentality still exists in the now PVMA. Service at home, in the community or at work is what I finally figured out it was all about. You know from your own experience the joy and satisfaction it brings.

Retirement to me was an opportunity of a lifetime! Since officially retiring 14 years ago I have had the opportunity to fulfill a passion of mine and that is helping younger people, associations and businesses. Retirement to some means full time golf course or travel or pursuing hobbies. While I am considering a transition to the later, I thrive on seeing people and businesses grow successfully.

Over a number of decades I have been privileged to be a charter member of the Kinsmen Club in Calgary and a long-time member of the Shriners and associated masonic bodies. Who wouldn't take joy from helping kids!! And just to remind us of this joy we often visit the Shriners Hospital in areas we travel from Hawaii to Philadelphia. In hindsight, it is clear that understanding the joy of giving and of having a philanthropy was primarily through these organizations. Having said that both of my

parents were true "givers" and I know that had an influence on me as well.

I found a passion for writing when I was encouraged by our youngest son to write a book about the small business consulting I do. Without his encouragement and help this would never have happened! This little 11 month project challenged my brain and patience! But I know it has helped many others who have read it.

In 2012, Kevin Tritten and I were sitting around a campfire discussing life. One topic near and dear to both our hearts is the Utility Vegetation Management industry. I had the opportunity to be the past president of the Utility Arborist Association (International) in 1992. Through the many years before and after participating on committees and the executive, it became apparent that there was an emerging knowledge gap as the seasoned UVM managers retired. The result of that camp fire talk and knowledge of the industry through the UAA and as UVM managers, the Utility Vegetation Management Association was created in 2014. This organization was formed to focus on utility business needs, training and education, Best Management Practices and Regulatory Compliance.

Spawned from the UVMA is the new credentialing program; Professional Utility Vegetation Management (PUVM) which is a 400 hour, 2 ½ year program for younger and inspired UVM leaders. After five decades in the industry I am still learning!! This initiative will change the face of leadership in the industry over time. When I look around the UAA, UVMA and PVMA I see some incredible young men and women who have stepped up to the plate to serve. I encourage you to and experience the joy! Who gets to have the best wife a man could ask for, three wonderful children with amazing spouses and eight outstanding grandchildren and countless friends and associates? Who gets to have a most fulfilling career anyone could ask for? I did, and for that I am ever grateful!

Now I need to focus on improving my golf game! I wish you all a fulfilling and successful career!

A scenic landscape featuring rolling green hills under a dramatic, cloudy blue sky. A dirt road, heavily covered with yellow wildflowers, stretches from the foreground into the distance. A fox is standing on the gravel shoulder of the road in the lower-left foreground. Utility poles and power lines run along the left side of the road.

CLEARLY, IT'S THE SMARTEST WAY.

ClearView[™]
HERBICIDE



Dow AgroSciences

ClearView[™] — the best broadleaf weed and shrub control in the market today for worry-free vegetation management. One application provides extended control of thistle, dandelion, tansy, narrow-leaved hawk's beard, wild rose and more. It's the clear choice.

To learn more about ClearView[™], contact your IVM Expert or visit ivmexperts.ca

Solutions for the Growing World