

DIGITAL EDITION

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THE
VEGETATION MANAGER
magazine
2022

DUTCH ELM DISEASE -

STOP A KILLER FROM ENTERING ALBERTA

INVASIVE PLANT AWARENESS

PVMA SPRING CONFERENCE/AGM

REJUVENATING RANGELAND WITH REJUVRA

2022: BURSARY RECIPIENTS

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PUBLISHER:

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

EDITORIAL:

Editor: Val Eichelt/
Bob Gordon
Editorial Committee

CONTRIBUTORS:

Lisa Rybhucuk
Janet Feddes-Calpas
Justin Hossfeld
Val Eichelt
Chris Neeser
Val Eichelt

SUBSCRIPTIONS:

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Amber Casey, KC Communications

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GENERAL INQUIRIES:

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

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PRESIDENT'S REPORT



- LISA RYBCHUK, PRESIDENT PVMA



Hello again! I'm humbled to be re-elected to the PVMA Board and be appointed as President for a second term. I am forever grateful for the support and input of the Board of Directors, committee members, and the membership

at large. Special thanks to Holly Moffet as an outgoing board member and a hearty welcome to Jay Manganaro as the newest elected member to the board. I'd also like to extend my thanks to the other members that put their names forward for election at the AGM. We welcome and encourage everyone to provide their input and become engaged in the activities with the PVMA .

The PVMA has begun a search for an Executive Director. We are looking to hire someone on a part-time contract basis to assist the Board with the strategic planning and direction of the Association. For a full job description and list of qualifications, please visit the pvma.ca website.

Help us get the word out. If you know someone who might be interested, please pass the information along to them. Deadline for applications is June 30th, or until a suitable candidate is found.

Looking forward to another fantastic season for everyone!

Lisa Rybchuk, PVMA President

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vaughn.leuschen@corteva.com
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cortex@cortexvegetation.com
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bgordon@asplundh.com
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geoff@advantagevm.ca
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Jessie.Imbeault@davey.com
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The PVMA logo is displayed at the bottom of the advertisement, featuring the stylized icon and the acronym 'PVMA' in large green letters.

“*Knowing Green.
It's Our Nature.*”

A photograph of a paved road winding through a lush green landscape under a bright blue sky with scattered white clouds.The PVMA logo is located in the bottom right corner of the image, featuring the stylized icon and the acronym 'PVMA' in green letters.

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DUTCH ELM DISEASE - STOP A KILLER FROM ENTERING ALBERTA

- SUBMITTED BY JANET FEDDES-CALPAS, STOPPED EXECUTIVE DIRECTOR



THE SOCIETY TO PREVENT DUTCH ELM DISEASE (STOPPED) IS ASKING FOR ASSISTANCE TO SAVE OUR BEAUTIFUL ELM TREES FROM THE DEADLY DUTCH ELM DISEASE (DED).

Alberta has been fortunate to remain DED free but is constantly aware of the threat of the disease pressing the Saskatchewan and Montana borders. One of the largest spreaders of the elm bark beetles (EBB) that can carry DED is elm firewood. Beetles can hitch a ride on infected elmwood and be carried by unsuspecting campers and homeowners.

Under the Alberta Agricultural Pests Act (APA) "Pest and Nuisance Control Regulation (PNCR)" the DED pathogens

and the EBBs are named declared pests. All municipalities, counties and MDs in the province of Alberta have the responsibility and authority to prevent and control DED under the APA.

For those municipalities that do not have a DED bylaw in place the APA provides a means for enforcement. Several sections of the APA and the Regulation can be applied. It is an offence not to take "active measures" and not to follow an Inspector's Notice which can be issued by an agricultural fieldman, community peace officer, a municipal officer that has dual municipal and provincial appointments or a APA pest inspector appointed by the municipality. They all have the powers and responsibilities outlined under the APA Section 17 to enforce the DED Prevention/Control Measures to the land owner.

The measures can be found at <https://open.alberta.ca/publications/dutch-elm-disease-prevention-control-measures-responsibilities-authority-apa>.

DED is caused by a fungus that clogs the elm tree's water conducting system, causing the tree to die. The fungus is primarily spread from one elm tree to another by EBBs. The beetles are attracted to weak and dying trees, which serve as breeding sites for the beetles. Once the beetles have pupated and turned into adults, they leave the brood gallery and fly to healthy elms to feed, thus transporting the fungus on their bodies from one tree to the next.

Using traps and lures, monitoring for the EBB is done annually throughout Alberta by STOPDED. EBBs have been found throughout the province in low numbers since 1996. In recent years higher numbers have been found in the City of Medicine Hat and now are being found in more municipalities in southern Alberta. There have been two isolated cases of DED in the province, one in Town of Wainwright in 1998 and the last in the City of Lethbridge in 2020. The trees were immediately removed and buried. Elm trees in both municipalities were immediately surveyed for more disease and for elm firewood.

WHAT CAN YOU DO?

- Know the DED symptoms. Leaves on a DED-infected elm will wilt or droop, curl and become brown. This appears in mid-June to mid-July. Leaves on trees infected later in the season usually turn yellow and drop prematurely. Leaf symptoms are accompanied by brown staining under the bark.
- In order to prevent an uncontrolled outbreak, the diseased elm must be removed and destroyed immediately. All DED suspect elms must be tested in a lab.
- Be aware of the provincial elm pruning ban between April 1 and September 30. The beetles are most active at this time and can be attracted to the scent of fresh tree cuts, possibly infecting a healthy elm.
- Keep your elm trees healthy, and vigorous.
- Water elms well from April to mid-August. To allow the tree to harden off for the winter, watering should be stopped mid-August followed by a good soaking or two

before freeze-up.

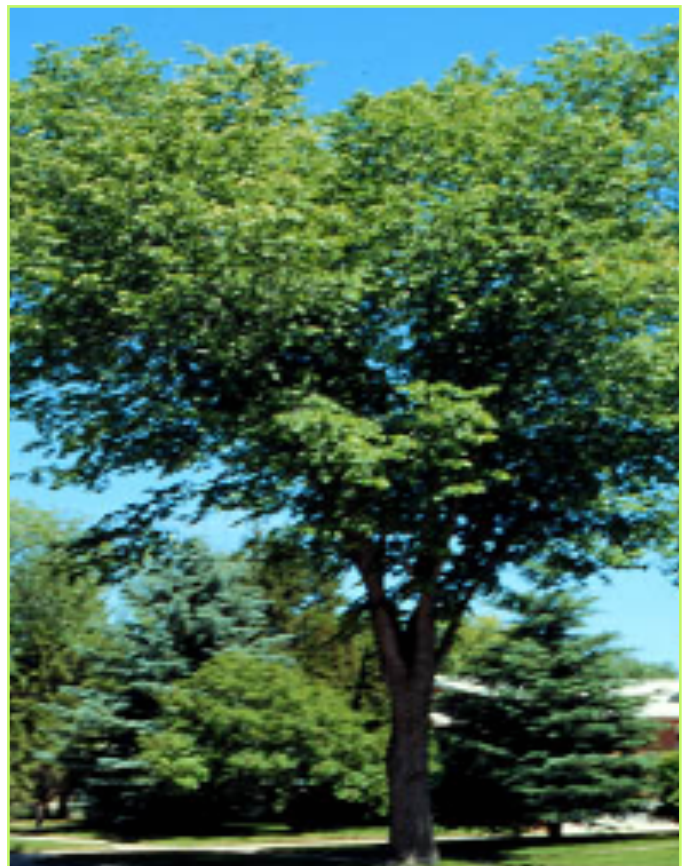
- Remove dead elm branches as they can provide beetle habitat only between October 1 and March 31st.
- Dispose of all elm wood immediately by burning, burying or chipping.
- Report all suspect trees to the DED Hotline at 1-877-837-ELMS.

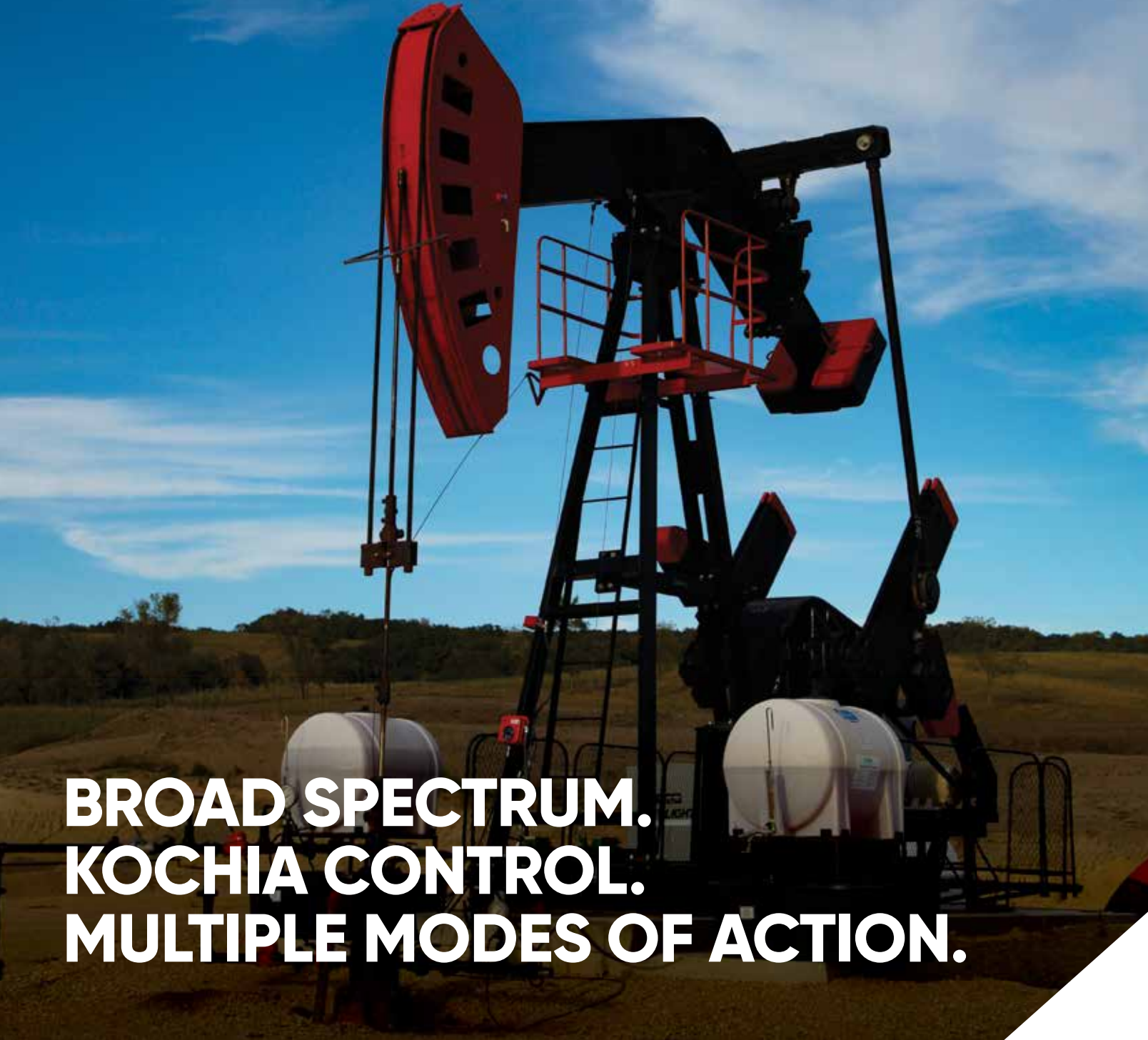
WHAT YOU SHOULDN'T DO!

- Do not transport or store elm firewood at any time!
- Do not transport elm firewood into Alberta! Firewood is confiscated at all the Alberta-Montana border crossings.
- Do not prune elms between April 1 to September 30.

TO REPORT A DED SUSPECT ELM TREE OR FOR MORE INFORMATION, CALL THE STOPDED HOTLINE AT 1-877-837-ELMS OR CHECK OUT THE WEB SITE AT WWW.STOPDED.ORG.

We must stay vigilant to keep our elms healthy. DED can be prevented.





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RANCHERS AND LAND MANAGERS CAN NOW REJUVENATE THEIR RANGELAND FOR THE LONG-HAUL WITH REJUVRA

- SUBMITTED BY JUSTIN HOSSFELD

MORE THAN 10 YEARS AGO, BAYER RANGE AND PASTURE, PART OF BAYER ENVIRONMENTAL SCIENCE, SET OUT FOR A SOLUTION TO COMBAT DEVASTATING INVASIVE PLANT SPECIES LIKE CHEATGRASS.

These parasitic invasive annual grasses result in reduced ecological resilience and biodiversity along with diminished forage quantity and quality. This negatively impacts all stakeholders, both private and public, that use these rangelands throughout the west.

The result? Rejuvra, a restoration herbicide designed for the long haul with a fully approved grazing label. It features a unique mode of action that provides long-lasting control of invasive annual grasses and broadleaf weed species including cheatgrass, medusahead, ventenata and Japanese brome. Rejuvra has minimal breakdown with exposure to sunlight resulting in long-term stability in arid systems and brings a novel mode of action to rangeland. Rejuvra binds tightly to the organic matter and soil particles within the top soil profile. This binding keeps Rejuvra well positioned to target annual species without impacting perennial species. Unlike previous tools for cheatgrass control it won't resolubilize and move down into the soil profile. This allows for control of the annual species while providing excellent tolerance on desirable perennials with roots below the herbicide zone.

"With this new tool you can achieve up to four years of cheatgrass control with just one application, allowing you to deplete the invasive grass soil seed bank and increase long-term restoration success," said Dr. Derek Sebastian, Bayer Range and Pasture Area Sales Manager for CO, WY, NE & KS. This is very meaningful when considering the soil seedbank lifespan for most annual grass species is 3 to 4 years. This allows Rejuvra to successfully exhaust the soil seedbank with little to no negative impacts on desirable perennial species.

"Over 125 unbiased research trials for Rejuvra were conducted at more than 8 universities in the west, including Colorado State University, University of Wyoming, University of Idaho and Montana State University said Sebastian, who has been involved in the research and development of Rejuvra beginning as a doctoral student at CSU in 2012.

Launched in 2020, Rejuvra can not only control cheatgrass — which infests over 50 million acres in the western U.S — but provides multi-year control of other invasive winter annual grass and broadleaf weeds with a single application. "The issue in the past was that many ranchers and agencies were giving up hope in the fight against cheatgrass because other products available for control were inconsistent and often provided only a single year of control," Sebastian said. "There was no tool that gave longevity or a significant return on their investment." Until Rejuvra that is.

"Restoration activities such as reseeding are expensive and difficult. The best time to control invasive annual grasses is when viable populations of desirable perennials are present. This tool provides the first opportunity to target the invasive grass seed bank and take back your rangeland."

WHAT ARE THE BENEFITS OF RANGELAND RESTORATION WITH REJUVRA?

- **IMPROVED UTILIZATION OF NATURAL RESOURCES:** Every year, cheatgrass and other invasive annual grasses grow rapidly in late winter, stealing precious water and nutrients while the perennial grasses, forbs and shrubs are still dormant. Rejuvra removes these grasses, freeing up resources for the more desirable perennial plants. Not only does Rejuvra make these resources available, they are now available during optimal growth periods for the perennial species.

- **ECOSYSTEM BALANCE:** Without the competition from annual grasses, a wide variety of species now flourish bringing balance back to the ecosystem. Enhancing wildlife, pollinator, and rare species habitat.
- **INCREASED FORAGE QUANTITY:** Areas treated with Rejuvra have demonstrated on average a 3.5x increase* in perennial plant production compared to nontreated areas. This increase in forage quantity reduces pressure on riparian areas and previously overutilized areas that may have promoted the spread of invasive species.
- **INCREASED FORAGE QUALITY:** Removal of cheatgrass with Rejuvra results in improved forage quality. With improved quality, less forage is consumed per pound of gain. This greatly reduces the grazing pressure on the entire ecosystem and increases overall rangeland health. Enhancing the level of stewardship by the livestock industry.
- **INCREASED RANCH EFFICIENCY:** Improved forage production and quality promotes better livestock distribution, extends the grazing season, and reduces supplemental feed costs. With the removal of moisture-robbing annual grasses, cattle can now increase their water consumption by two to three gallons per day through the perennial forage they consume.
- **DECREASED WILDFIRE RISK:** Every year, cheatgrass dies in late spring into summer, adding fine fuel at the same time that wildfire threatens. Rejuvra stops the cycle by targeting the annual grass seed bank. This greatly reduces the threat of wildfire.

* FORAGE RESPONSE IS VARIABLE AND DEPENDENT ON INDIVIDUAL SITE CONDITIONS. INDIVIDUAL INVESTMENT RESULTS MAY VARY.



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JAY MANGANARO: INDUSTRY SERVICE PROFILE

- SUBMITTED BY VAL EICHELT



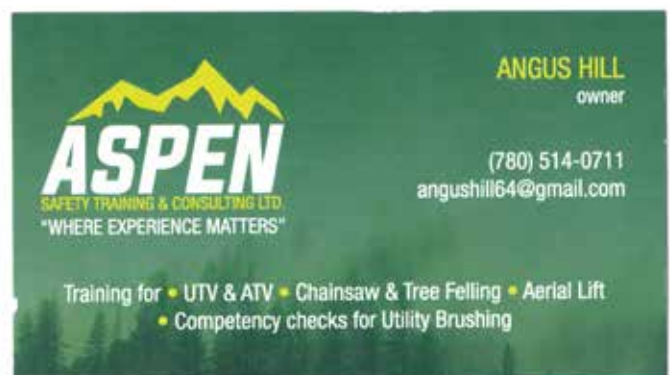
LET ME INTRODUCE YOU TO THE NEWEST MEMBER OF THE PVMA BOARD OF DIRECTORS, JAY MANGANARO. JAY WAS ELECTED TO THE BOARD AT OUR ANNUAL GENERAL MEETING, HELD IN RED DEER IN MARCH OF THIS YEAR.

Jay graduated from Louisiana Tech with a Forestry Degree. Why forestry? Growing up he enjoyed working outdoors, and had an interest in managing natural resources, including vegetation. Jay spent 18 years as an industrial forester in the United States, in both Louisiana and North Carolina. During that time, he was involved in land management, tree planting, and tree harvesting. As a natural progression, he became interested in the utility vegetation management industry, as it aligned with his personal desire to work closely with a team of like-minded people, while ensuring safe and reliable electrical service for the community.

Jay's interest in managing natural resources, as well as keeping utilities flowing, led him to CNUC. He started with CNUC in 2018 as a safety auditor in North Carolina, and now is a regional manager. CNUC had an objective to go international, moving first into Canada in 2020. Jay was extremely excited to move to Canada and be a part of CNUC's first international office, based out of Calgary. By the time this article is published, Jay will have lived in Canada for a year and a half. His responsibilities include permanent operations and sales throughout Canada. His passion is providing positive customer service, and he values the collaboration of all employees.

It's an exciting time to be a part of the vegetation management industry. Jay sees importance in where we are as an Industry and where we are going. There are new processes and techniques always being developed for vegetation management, so staying out in front is essential. The industry is solid. He feels it is important for PVMA members to talk to people coming into the industry about the opportunities that exist in the vegetation management industry.

Jay is an ISA Certified Arborist and Utility Specialist and holds membership with ISA Prairie and the Utility Arborist Association. He enjoys the process of educating others, and looks forward to serving the PVMA membership as the Director in Charge of Membership, as well as being involved in other committees.



INVASIVE PLANT AWARENESS

- SUBMITTED BY CHRIS NEESER, ALBERTA AGRICULTURE, FORESTRY AND RURAL ECONOMIC DEVELOPMENT



WITH THE ARRIVAL OF SPRING, INVASIVE PLANTS ARE AGAIN TOP OF MIND FOR THOSE OF US CONCERNED WITH THE CONSERVATION OF BIOLOGICAL NATURAL RESOURCES.

It may be that we are busy with putting a dent into an infestation of flowering rush that is about to take over a shoreline at our favorite lake, or with the removal of garlic mustard from a neighborhood woodland where it has invaded the understory and deprived the multitude of native plants of their habitat.

An important tool in the struggle against invasive plants is the Alberta Weed Control Act. Currently there are 75 plants regulated province-wide, and municipalities have the option to add to this list to address any specific local issues. This legislation places the responsibility of preventing the spread of invasive plants on the landowner. It is therefore important that landowners are aware of their responsibilities and have the knowledge to eradicate or contain invasive plants.

At times landowners may wish to call on vegetation management professionals when an infestation exceeds their capacity to resolve

the problem adequately on their own. In such cases, a successful intervention will require a plan that considers the biology of the problem weed as well as any potential environmental impacts. Here, an approach based on plant ecology can be very useful when planning an appropriate intervention.

The competitive stress-disturbance theory of plant adaptation says that habitats may have varying degrees of disturbance, harshness and potentiality. This theory says that for a plant to establish and thrive on a particular site, it has to be able to compete within the constraints imposed by stress factors due to the harshness and disturbance regime of the site. To illustrate what is meant by disturbance, harshness and potentiality, consider the conditions along a right of way associated with a well site on agricultural land. On such a location, plants will most likely experience a high degree of disturbance due to vehicle traffic and erosion. Wind exposure, strong variations in temperature and the occasional lack of water will result in a moderate degree of harshness. Whereas potentiality will be high, because of the superior soil quality of agricultural land. On the other hand, a rocky outcrop at high elevation would be an example of a site with low levels of disturbance, but a high degree of harshness and low potentiality.

If an invasive plant is able to infest a site, then we can safely conclude



that the location provides the environmental conditions suitable for the plant in question. Therefore, an intervention that simply removes the problem plant will leave the site open to re-invasion, either from seed already present or from seed coming in from other areas. Consequently, one must implement additional measures to prevent this from happening.

Perhaps the first item to consider is the possible negative impact of the planned intervention on the desired plants already present. Unintended effects, such as soil disturbance, compaction, and herbicide injury may weaken their competitive ability. To keep these negative impacts to a minimum it is important to select tools that are most appropriate for the task. In situations where motorized equipment is likely to cause significant collateral damage in the form of soil disturbance and compaction, a crew equipped with hand tools may be a preferable option. Whenever a herbicide is part of the intervention, it is essential to select a product that meets the control objectives as closely as possible. Moreover, workers must be qualified and follow the instructions on the product label.



At times, it may even be advisable to modify the environment in favor of desirable species. For example, on a site with a high water table a drainage ditch could lead to more vigorous tree growth to the detriment of invasive forbs, such as common tansy or Himalayan balsam. Also, given that many native species are less adapted to colonize disturbed sites, replanting may be necessary to put native plant communities on a path of recovery. When doing so, using plant material growing as plugs and hardened off before transplanting often gives the best results. On sites that have seen extensive disturbance the return to a desirable plant community will most likely take follow-up measures over several seasons.



Another often-underestimated factor is the role of herbivory. This includes livestock as well as a wide range of other animals. The most important ones are probably insects. More often than not, it is insects that keep invasive plants in check in their native environments. Sometimes to the point that they may be threatened to become extinct. When dealing with invasive plants for which biocontrol agents are available, these should be included in the control strategy. Examples include the leafy spurge flea beetles, the leafy spurge hawk moth, the banded gall fly (knapweeds), and the spotted knapweed seed head moth, as well as numerous others.

In situations where the objective is to strengthen the competitive ability of desirable plants, protection from herbivory may be a good option.

When larger herbivores, such as deer or livestock are the problem, then the installation of a fence may be very effective. For smaller herbivores, exclusion by means some kind of barrier is also possible, but usually more difficult to implement.

Of course, it is also important to realize that invasive species can only become a problem if they are first introduced. More often than not, such introductions are the result of human activities. Seed or sometimes root and rhizome segments, can easily be moved unintentionally to new sites. It is therefore very important that workers thoroughly clean all equipment and clothing at the worksite before leaving the area. Another way weeds can be introduced, is through materials that are brought into a site. This may include such things as gravel, soil, mulch or seed intended for revegetation. With any of these materials, it is very important to insure that they are not contaminated with seed or other reproductive plant parts that will cause problems later on.

In summary, the first and perhaps most important consideration is to perform vegetation management operations in such a way that does not modify the environment to the detriment of the desired plants. Special attention should be given to the use of equipment that may create soil disturbances and soil compaction. Then consider ways that will strengthen the competitiveness of desirable plants. This could include modifications to environment or protection from herbivores. When necessary it may be necessary to re-introducing desirable plants. Finally make sure that seed, rhizomes, or tubers are not inadvertently hitching a ride on clothing or equipment.

Author: Chris Neeser

Weed Program Lead

Alberta Agriculture, Forestry and Rural Economic Development

Chris.neeser@gov.ab.ca

403-501-8745

Resources

Distribution of regulated weeds in Alberta

<https://open.alberta.ca/publications/distribution-of-regulated-weeds-in-alberta>

Alberta Weed Control Act

<https://open.alberta.ca/publications/w05p1>

Alberta Weed Control Regulations

https://open.alberta.ca/publications/2010_019

Alberta Invasive Species Council (plants page)

<https://abinvasives.ca/invasive-plants/>

North American Invasive Species Management Association

<https://naisma.org/>



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- Under the Alberta Agricultural Pests Act (APA) "Pest and Nuisance Control Regulation (PNCR)" the Dutch Elm Disease (DED) pathogens, smaller European elm bark beetle, and the native elm bark beetle are named declared pests.
- DED prevention/control measures for Alberta are enforceable under the APA and are found on the STOPDED website.
- Elm trees from a DED infected province cannot be shipped into Alberta.
- Elm Pruning Ban is April 1-September 30 annually.

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- INDUSTRIAL/NATIONAL COMMITTEES

IVMA B.C have recently hosted a couple of On-Line credit events including: 'First Aid for Pesticide Exposure', and "What Cost a Weed"
Check out their website at <https://www.ivma.com/> for association information.

IVMA -ManSask has no current updates. Their website is <http://ivmamansask.com/>

OVMA Scheduled there is a golf tournament and tour September 27/28th
Information on the OVMA can be found at <https://www.ovma.ca/>

AVMA The Atlantic Vegetation Management Association (AVMA) have scheduled their in-person conference and AGM October 19th – 21st in Halifax, NS. Information on the AVMA is located at <http://myavma.ca/blog/>

Geoff Thompson, Director in Charge

- MEMBERSHIP COMMITTEE

Please remember to complete your 2022 membership renewal if you have not already done so. Your membership is instrumental in promoting environmentally safe vegetation management. Membership in PVMA will allow you to contribute directly to our industry, while promoting environmentally safe vegetation management for the benefit of everyone.

Benefits also include:

1. The opportunity to become acquainted with and learn from fellow professionals in vegetation management, as well as other facets of the industry.
2. Informative meetings with high quality speakers presenting interesting and useful information of key topics in vegetation management. Many of our meetings also have CEC's and CEU's available.
3. A newsletter to provide an opportunity for members to express their views on matters of current interest, as well keeping them informed on recent developments in the industry.

If you have not yet renewed your membership, please contact the PVMA office and they can help you out.

Jay Manganaro, Director in Charge

- CASINO COMMITTEE

We just received the proceeds from the Casino we worked back in March. We received approval from AGLC for us to continuing exceeding spending limits on administrative costs such as rent, telephone, etc. until the end of 2022.

AGLC has amended the Charitable Gaming Policies Handbook (CGPH) to simplify charitable program delivery with a continued focus on red tape reduction. These amendments update eligibility policies, provide charities with more flexibility for use of gaming proceeds and reduce financial reporting requirements.

One particular change is the increase to the limit on spending on Administration costs from 10% to 20%.

Laura Hammer, Director in Charge

- SEMINAR COMMITTEE

See the article included in this publication for all the details on our 2022 Spring Conference & AGM that took place March 10th at the Red Deer Radisson. Thank you to those who attended, to our speakers, to our tradeshow exhibitors and to our sponsors! We look forward to our bi-annual 3-day conference in 2023 at the River Cree Resort February 28-March 2, 2023. Be sure to mark your calendars.

Also, "Save the Date" for our Fall Workshop coming up October 20, 2022. The workshop will take place virtually through the InEvent platform. The PVMA Casino Committee is sponsoring the workshop, so there will be no cost to attend.

Lisa Rybchuk, Director in Charge

- AWARDS COMMITTEE

PVMA has awarded four \$500 Bursaries to dependants of PVMA members enrolled in a post-secondary program winter term 2022. An article with details on the recipients is included in this issue of our magazine. Applications for a PVMA 2022 Scholarship will be accepted starting in September.

Lisa Rybchuk, Director in Charge

- MARKETING COMMITTEE

Once we have an Executive Director in place we will be working in collaboration with the ED to develop a Social Media Strategy and take steps to implement it.

Aaron Foster, Director in Charge

- GOV'T LIAISON COMMITTEE

As you may be aware, Health Canada currently has a 60-day public consultation open on [*Further Strengthening Protection of Health and the Environment: Targeted Review of the Pest Control Products Act \(PCPA\) \(DIS2022-01\)*](#). This consultation will no doubt generate significant input from activist groups who oppose the use of modern pest control products like pesticides. It is critical that the sector has a strong response to the consultation in support of science-based pesticide regulation to ensure that Canadian farmers and other sectors continue to have timely access to the innovative tools they need to sustainably grow food for Canada and the world for generations to come.

CropLife Canada, along with its partners in Advancing Agriculture, have launched a digital letter writing campaign to encourage individuals within the pest control product sectors to send a letter into the consultation, along with the Minister of Health, the Minister of Agriculture and Agri-Food and their individual MP.

Please take a moment to send a letter (it only takes a few clicks) and share this campaign within your organizations and with your networks. The website is bilingual, enabling letters to be sent in both French and English. We are at a critical cross road for pesticide regulation in Canada and every letter counts.

Vaughn Leuschen, Director in Charge

- UTT/BOARD OF GOVERNORS

The BOG is continuing to discuss the logistics and look at options for moving the logbook process for hours and proficiencies to an electronic platform.

Fall UTW/UTT re-certification courses have been scheduled for November 16-17th for in person and November 7-18 for the online self-directed option. There is also an online option scheduled for January and March of 2023.

Bob Gordon, Director in Charge

- EDITORIAL COMMITTEE

We want to thank our workshop and conference speakers who continue to provide us with follow up articles for publication in our magazine. This is helpful to those who are unable to attend the meetings and for those who need a refresher of the information they received.

In addition, we continue to provide you with other relevant information including Industry Profiles, information on our award winners, and other things happening at the PVMA and in the Industry throughout the year.

Val Eichel, Committee Co-Chair

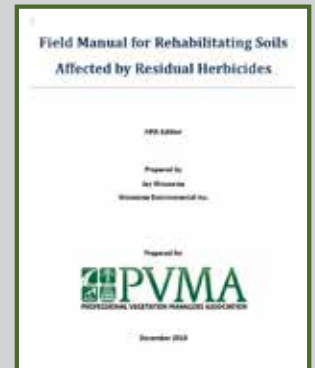
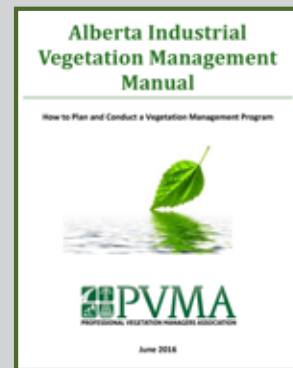
- SAFETY COMMITTEE

As things are ramping up again for the busy season, we encourage all of you to remember slow down, remember you safety training and to stay safe.

Jesse Imbeault, Director in Charge

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SAVE THE DATE



FALL WORKSHOP

OCTOBER 20TH, 2022

(ONLINE WORKSHOP ON INEVEN PLATFORM)

REGISTRATION IS FREE – SPONSORED BY THE PVMA CASINO COMMITTEE

UTT/UTW RE-CERTIFICATION COURSE DATES

AS A CERTIFIED UTILITY TREE WORKER OR UTILITY TREE TRIMMER, YOU MUST ATTEND THIS RECERTIFICATION COURSE EVERY FIVE YEARS. IN THIS TWO-DAY, IN-CLASS COURSE YOU WILL BE UPDATED ON CURRENT ELECTRICAL SAFETY STANDARDS AND SAFETY PRACTICES IMPORTANT TO YOU ON THE JOB.

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NOVEMBER 16-17, 2022

(NEW) ONLINE OPTION: SELF-DIRECTED 24/7

STUDENTS SHOULD BE COMFORTABLE WITH COMPUTERS AND SHOULD BE PREPARED TO LOCATE AND SCHEDULE A PROCTOR TO WRITE THE EXAM WITHIN THE 2 WEEK COURSE DATES. IT IS IMPORTANT TO CONTACT A PROCTOR ASAP TO AVOID DISAPPOINTMENT.

ONLINE NOVEMBER 7-8, 2022

JANUARY 9-20, 2023

MARCH 13-24, 2023

THE VEGETATION MANAGER *magazine*

- ADVERTISING RATE SHEET

2022 RATE SHEET

*submit ads or inquiries to Val@pvma.ca

AD SIZE SPECS:	SINGLE ISSUE RATE (MEMBER)	ANNUAL RATE (MEMBER) * THREE Issues - 2 printed, 1 electronic (printable)
FULL PAGE ADVERTISEMENT	\$800	\$1680
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(with 0.125 bleed)

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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 28, 2022

May 4, 2022

Sept 14, 2022

Distribution Date

March 8, 2022 (Print)

June 2, 2022 (Electronic)

October 20, 2022 (Print)

2022 PVMA BURSARY WINNERS

- BY VAL EICHELT

One of the many benefits to being a PVMA member is the opportunity for your dependents to apply for a \$500 cash bursary towards post-Secondary studies.

Applicants are eligible to receive a bursary if they are a dependent of an active PVMA member, are enrolled in post-secondary studies at a Canadian institution, have completed at least one semester, and are in good standing with that institution. They do not have to be in a vegetation related program to be eligible. The next deadline for applications will be January 31st, 2023. The PVMA awarded 4 Bursaries to Post-Secondary Students in March of this year.

OUR 2022 RECIPIENTS ARE:

LOGAN SOMERVILLE

Logan is enrolled in a Bachelor of Arts Political Science program at the University of Alberta.

He is also involved with Junior B Hockey.

Logan is the son of PVMA member Terry Somerville.



KENDALL LEUSCHEN

Kendall is enrolled in an Environmental Sciences: Conservation and Restoration Ecology program at Lakeland College in Vermilion. She is also a member of the Varsity college rowing team.

Kendall is the daughter of PVMA member Vaughn Leuschen.



EMMA THOMPSON

Emma is enrolled in a Bachelor of Science program at Concordia University in Edmonton.

She is also a member of the Concordia Thunder Women's Volleyball team.

Emma is the daughter of PVMA member Geoff Thompson.



SIDNEY ANDERSON

Sidney is enrolled in a Bachelor of Science/Bachelor of Education program at the University of Lethbridge. He is a member of the Archaeology Club and T.R.A.P.S Lethbridge.

Sidney is the son of PVMA member Codie Anderson.



PVMA SPRING CONFERENCE AND AGM

- SUBMITTED BY VAL EICHELT



After 2 years of online meetings, we welcomed the opportunity to see our members face to face and to have in person sessions, exhibitors, and networking opportunities once again, at our 2022 Spring Conference & AGM. Obviously, all of you missed that as much as us we did because we saw an overwhelming response. Thank you for your support through attendance and thank you to our Exhibitors and Sponsors!

We held our Spring Conference at the Red Deer Radisson on March 10, 2022. We had over 100 people in attendance as well as seven exhibitors (Corteva, AdvantageVM, Verseris, West Country, CNUC, STOPPED and Bayer).

Our first speaker of the day was Justin Hossfeld, from Bayer Range and Pasture in Wyoming, who spoke on Ranching's Turning Point: The newest technologies restoring rangelands, maximizing performance. Our second speaker was Tanya Rushcall, the Alberta Government's Provincial Pesticide Approvals and Registration Specialist, who shared some Alberta Pesticide Legislation Updates.

After lunch we moved into our Annual General Meeting where updates were shared by the PVMA Board of Directors and an election was held. Lisa Rybchuk, Geoff Thompson, and Aaron Foster were all re-elected to the PVMA Board and newcomer Jay Manganaro was elected for the first time. Lisa will continue to serve as President of the association, Geoff continues as Treasurer and Jay is our new Director in charge of Membership.

Our third speaker of the day was Dr. Chris Neeser, from Olds College, who presented on Weed Awareness in Reclamation. We finished off the day with Laura Hammer, of Cortex Vegetation, who spoke on Professionalism for the Vegetation Manager.

Door prizes were given away throughout the day. We thank our Door Prize Sponsors for all the donated items.

We were able to offer CEC's in Alberta, BC & Saskatchewan as well as ISA CEU's.

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