

CONNECTIVITY™

NEWS FOR THE CANADIAN ProVM MARKET

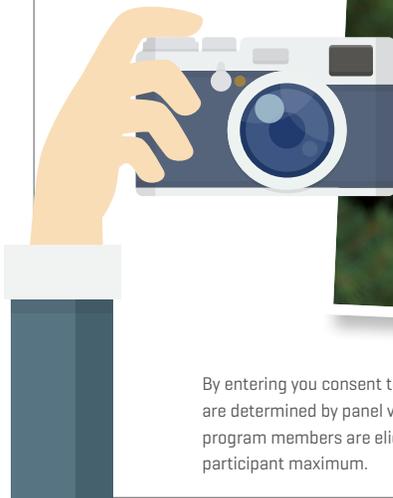


ProVM July Picture Contest

Show the world all the important and hard work professional vegetation managers do to protect our environments!

This July, snap and send your best pictures via Twitter using the #ProVM and you're automatically entered into our contest with 5 prizes of 10,000 Univar Rewards points [> \$50 value].

Non-tweeters are eligible too, just email your picture to ESCanadaInfo@univar.com.



By entering you consent to allow use of your photo(s) by Univar. Winners are determined by panel voting. Non-customers and non-rewards program members are eligible. 1 prize of 10,000 rewards points per participant maximum.



SASKATCHEWAN

License Type: Industrial Vegetation

Renewal Period: 1 or 5 Years

Certification Exam Issuer: [Saskatchewan Polytechnic](#)

Continuing Education Credit Program: Yes

- Applicators must obtain sufficient CEC credits within the 5 year certification period.
- 2 credits in each of these categories: Application Technology, Human Health & Pesticide Safety, Pest Management, Regulations
- 1 credit in each of these categories: Environment, Emergency Response, General Pest Control Information, Labelling, Professionalism

[Continuing Education Course Registration Form](#)

MANITOBA

License Type: Industrial

Renewal Period: 5 Years

Certification Exam Issuer:

[Issuer: Assiniboine Community College](#)

Continuing Education Credit Program: No





Featured Pest

White Cockle (*Lychnis alba*)

White cockle (*Silene alba*) is a native plant in Europe, North Africa and Asia. It is considered a naturalized plant, common in North America today.



Figure 1. Emerging from rosette stage in late spring.

Biology: White cockle is a short lived perennial or biennial reproducing only by seed. Seedlings can be identified by the cotyledons which are club shaped. The leaf arrangement is opposite, and swollen at the nodes (Fig. 1). The plant has soft hairs on both sides of leaves and the stem. Leaves have a short petiole, lanceolate to elliptical shaped and end with a sharp tip. Leaf margins can have a wavy or wrinkled appearance. Growth is erect to decumbent and can be up to 1.5 meters in height. Roots form from lateral taproots and established plants can have an extensive root system.

White cockle is dioecious with distinctive large white male and female flowers on separate plants. The flower has five sepals which are joined along the edges to form a tubular calyx that is a purple green color. Both male and female plants flower but only the female sets seeds from June throughout September. Female plants can produce 24,000 seeds per year. Seeds are similar in size and shape to clover and alfalfa seed.

Herbicide Resistance: There is no known herbicide resistance to this plant currently in the world.

Keys for Identification: White cockle have hairs on both sides of the leaves and stem. Leaves are opposite and swollen at the nodes. Flowers are either male or female and have five distinct white petals.

Similar Weeds: There are a number of similar species which can be difficult to distinguish from white cockle including:

Cow cockle (*Saponaria vaccaria*) is an annual with smaller pink flowers and no hairs on either stems or leaves. Bladder Campion (*Silene latifolia*) has no hairs on the stem or both sides of the leaves. Night Flowering Catchfly (*Silene noctiflora*) has a sticky feel to the plant and all flowers are the same.



Figure 2. Leaves are opposite and swollen at the nodes. Note hairs on stem and both sides of leaves.



Figure 3. Flower and calyx which forms a distinct seed capsule.

Weed Act Status: It is a noxious weed in Manitoba, Saskatchewan and Alberta.





Pests in the News

[A weed that prospers on degraded pasture](#)

Thought to be brought to North America as a seed contaminant from Europe, hoary alyssum is toxic to horses and other livestock. It has a variety of life cycles...

[Downy Brome in Southern Alberta](#)

Downy brome is starting to become a problem in Southern Alberta. There has been rumour the weed is starting to become resistant to herbicides and making a resurgence...

[Spotted knapweed sighting raises alarm](#)

The recent discovery of spotted knapweed in Regina has prompted efforts to raise awareness of this noxious weed...

[Five Summer Activities That Can Spread Invasive Species](#)

Nothing seems to draw people outside like a beautiful summer weekend...

[This quick-spreading weed gets an early start](#)

Spring brings lovely native flowers, but also noxious weeds. The aggressive perennial Canada thistle is a favourite of disturbed soils of all types...

Industry News

[Steps for Successful Herbicide Tank Mixing](#)

Tank-mixing herbicides ensures proper control of key weeds and can provide multi-mode of action (MMOA) control for mitigating herbicide resistance. Brush up on these best practices to ensure a seamless tank mixing process...

[Improve Pasture Stewardship with Dow AgroSciences Products](#)

Take a look at the Dow AgroSciences Range & Pasture product portfolio...

[Storing Pesticide Mix Overnight](#)

Not being able to finish a tank due to weather or any other reason happens to just about everyone. Is it OK to simply leave the sprayer as is, and resume spraying later after some agitation?

[Herbicide back in arsenal as Edmonton battles dandelions on sports fields](#)

Our chosen approach reflects the right balance of safety, environmental, social and financial considerations...

[Apps help identify invasive weeds](#)

Common mullein is not well known to prairie farmers, but it is a serious pest and part of Alberta's noxious weed list...

[Weather puts Okanagan milfoil control program behind schedule](#)

Okanagan Basin Water Board says its bracing for more milfoil in local lakes this summer...

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Industry Events

[OVMA Annual Conference](#)

September 19-21 2017 - Kingston ON

[Atlantic Vegetation Management Association Conference & AGM](#)

October 11-13 2017 - Fredericton NB



[Univar ProTraining Event](#)

November 7 2017 - Vaughan ON