

# CONNECTIVITY™

## NEWS FOR THE CANADIAN ProVM MARKET



## ARE YOU WINTER READY?

As our spraying season draws to a close across Canada applicators should take the time to prepare spray equipment and any remaining pesticide supplies before we enter the sometimes long months of snow and ice. There are a few key steps to get ready; cleaning sprayers thoroughly, draining any pesticide residuals from your tanks and lines, decontaminating your sprayers and inspecting the components. Here are some helpful tips to guide you which could save you from having to make costly repairs or replacements.

### RINSING AND CLEANING SPRAYERS

First, you should wash your sprayer, both on the outside and inside the spray tank. Spray tanks and lines should be rinsed by circulating water through the spray system. Add water up 10% of the spray tank capacity and spray it on a properly labelled site. Be sure to rinse the entire inside of the spray tank while adding the water to the tank to remove any residuals that could be on the inner walls of the tank. Many pesticide products also recommend using a select tank cleaning agent, most of which are available from Univar.

Tank cleaning agents work in a variety of ways including 1) the addition of ammonia to raise pH of the rinsate solution to increase water solubility, 2) addition of chlorine bleach to increase the breakdown of many pesticide products into inactive compounds, 3) addition of fuel or kerosene for removing oil soluble pesticides including esters and emulsified concentrates. **IMPORTANT SAFETY NOTE:** Bleach should never be mixed with ammonia as this can create a deadly chlorine gas. When using fuel or kerosene in the cleaning process you will need to follow it up with a detergent rinse to remove oily residue. Cleaning agents should be washed through the entire system and then followed by rinsing the system again with clean water. It is critical that all rinsate be sprayed on a site that is on the pesticide product label or it can be collected into containers and disposed of as pesticide waste.

Nozzles, screens and strainers should be removed and cleaned separately in a bucket containing water and the recommended cleaning agent once tanks have been cleaned.

\* ALWAYS READ AND FOLLOW PESTICIDE PRODUCT LABEL CLEANING INSTRUCTIONS. IF SPECIFIC CLEANING PRODUCT TYPES ARE NOT SPECIFIED ON THE PRODUCT LABEL CONSULT AN EXPERT FOR ADVICE ON WHAT TYPE TO USE.

### FINAL INSPECTION

It is good practice to inspect all of your nozzles, screens, valves, hoses and tanks for wear and damage after cleaning and rinsing

your sprayer. Instead of waiting until the spring, this proactive approach will help you understand what, if any, repairs need to be made to have you ready for next season. Time is something that we all value highly, so use it wisely and identify and even tackle any potential problems now instead of in the spring when you want your equipment in full operational mode.

### PROTECTING YOUR PUMPS

To protect sprayer pumps and lines from corrosion and freezing damage over the winter months circulate antifreeze through the entire spray system. The most common practices are to use either a 50/50 mix of antifreeze and water, or use a pre-mixed RV antifreeze which is formulated to dispose of easily. The antifreeze should be pumped through the system for at least 5 minutes; it can be recirculated by catching it in containers and putting it back into your tank to save on the total volume required.

Then, with the antifreeze mixture still in the system remove some of the components:

- Remove pressure gauges, and check valves, then plug or cap the assemblies. Store them in a marked container at room temperature over the winter to avoid damage from freezing temperatures.
- Remove nozzles and screens, then plug or cap the assemblies. Place these in marked containers filled with a lightweight oil such as diesel fuel or kerosene for protection.

By properly plugging or capping the assemblies the remaining antifreeze in your system will ensure that lines don't freeze or crack. Antifreeze should remain in the system throughout the winter months to avoid air moisture from corroding internal components of the sprayer. Store your sprayers in a sheltered location away from any liquid or dry fertilizers which could corrode paint and hardware.

**Take care of your assets this fall; it will help you come spring.**





## BABY'S BREATH *Gypsophila paniculata* [Noxious]

A perennial introduced from Europe as an ornamental. Also known as gypsophila and maiden's breath. It is commonly found in sandy, dry soil.

### IDENTIFICATION

**Leaves:** Opposite and lanceolate leaves that reduce in size higher up on the plant. Can be smooth or hairy. Mid-vein is prominent when the plant is not in bloom.  
**Stems:** Height is 1 meter with many branches. Swollen at the nodes. Increased branching at the crown.

**Roots:** Large woody roots that can be 4 meters deep; drought-tolerant.  
**Flower:** Numerous small white flowers.  
**Seeds:** Rough textured, black, and kidney shaped; produces 14,000 seeds per plant. Viability is 5 years

### DID YOU KNOW?

1. Commonly used in floral arrangements. Risk of spreading if not properly disposed of in a landfill. Infestation of baby's breath often originated around graveyards due to floral arrangements being left behind.
2. At maturity, the stems can break off and the plant tumbles in the wind, spreading seeds.
3. Control is through extensive cultivation only. It can be mowed down, although the plants will re-sprout. Hand weeding is impossible due to the deep tap roots. There is currently no registered selective chemical control for baby's breath.

# WEED Feature

**Rewards**  
BY UNIVAR

Now's the time to check on your 2018 Rewards Status!

### MEMBER BENEFITS INCLUDE:

- Product Discounts
- Earn Rewards Points
- ProTraining Benefits
- And More...

**Customers who purchase a minimum of 90% of their previous year's purchases of eligible product:**

- 1) Automatically Lock in Status from Previous Year
- 2) Earn 40% MORE Bonus Rewards Points

**Notes:** Ask a local Univar Representative or log into <http://www.provmweb.com/purchaseHistory> to determine your purchases and status. Also a good time to check in on any season long manufacturer based programs you may participate in, Univar is here to help.

**Disclaimer:** Certain accounts may not qualify for Rewards, based on the sole discretion of Univar. All offers expressed are subject to change without notice. Valid for Canada ProVM end user customers only.

Status Levels:		
 <b>Titanium</b> CUSTOMER	 <b>Platinum</b> CUSTOMER	 <b>Gold</b> CUSTOMER
Titanium: 8 Points	Platinum: 5 Points	Gold: 3 Points
Points are Earned as Follows:		
Hold a Professional Applicator License		1 Point
Have a registered account and credit line with Univar		1 Point
Purchases of ProVM products from Univar ES from Nov 1, 2016 – Oct 31, 2017, as shown in the table. [Most Herbicides, Adjuvants, Equipment and Safety Supplies]		
>\$20,000	1 Point	
>\$40,000	2 Points	
>\$75,000	3 Points	
>\$150,000	4 Points	
>\$200,000	5 Points	
>\$400,000	6 Points	
>\$600,000	7 Points	



## Industry News

### Algoma Power works with community to promote vegetation management

Algoma Power Inc. has developed a Vegetation Management Plan (VMP) to help reduce the risks from storms and high winds in our area. Here's how they are working with the community to protect all those involved. As members of the Algoma Power Inc....

### 'Dead zones' after wilderness chemical spraying worry residents

Officials say chemical spraying safe way to balance out forest. A chemical-spraying program is sparking public apprehension, but officials call the campaign a safe way to ensure ecologic...

### Public Advisory: Tips for Safe Use of Pesticides

When residents choose to use pesticides in their homes and gardens, they must ensure that those pesticides are registered with Health Canada and that label directions are followed for safe and...

### Importance of early season control of herbicide-resistant kochia

Researchers writing in the latest edition of the journal Weed Science are providing new insights into the control of herbicide-resistant kochia, a weed that competes with both dryland and irrigated crops across the Great Plains states. Kochia...

### Keeping your weeds under control

It's big bad weed time in everyone's garden and I've been getting a lot of desperate emails about homeowners needing help getting things...



**Business success isn't built on improvising a solution with products and techniques you don't 100% understand. It comes from certainty – knowledge you can depend on.**

*That's where ProTraining by Univar comes in...*

## Industry Events

### OIPC AGM and Conference

October 10-11 2017 – Ottawa, ON

### Atlantic Vegetation Management Association Conference & AGM

October 11-13 2017 – Fredericton, NB

### Univar ProTraining Event

October 27, 2017 – Regina, SK  
November 7, 2017 – Vaughan, ON



## CONNECTIVITY™

- Are you looking for industry specific information and want to read about it in *Connectivity*?
- Do you have a news story or classified ad you want featured on ProVMWeb.com or this newsletter?

**CLICK HERE** to complete our quick questionnaire for feedback upcoming issues of *Connectivity*.

### TECHNICAL COURSES

- Personal Protective Equipment (PPE)
- Applying the Right Amount of Herbicide
- Weed Management: The Basics

### SUPPLIER COURSES

- BASF VM Portfolio Training Course
- Esplanade Training Course
- Prepping your sprayer after winter, from Dow AgroSciences

### BUSINESS & SAFETY COURSES

- Windows 10: Complete
- Hiring a New Employee
- Emergency Preparedness and Response
- +225 more

