



**We Want To Make  
Things Perfectly Clear.**



**Professional  
Vegetation  
Management**

 **BASF**

The Chemical Company





# Better Bareground Control



In industrial, roadside and ROW sites, vegetation is often utilized to help reduce erosion, act as a windbreak, provide shade or simply beautify the landscape. But, in many of these areas, unwanted vegetation can grow into a serious problem – especially in and around utility sub-stations, railroad tracks and crossings, road shoulders, delineator posts, guardrails, fences, yards and other industrial locations.

In these areas, unmanaged vegetation can create multiple safety and operational hazards. Total vegetation control, or bareground control, is used to reduce these hazards.

# To Mow Or Not To Mow



One of the more traditional methods for managing unwanted vegetation is to treat it mechanically. As most vegetation managers know, this often means mowing (or rather, mowing often). Mowing doesn't provide a long-term solution for truly effective vegetation management because mowing doesn't prevent re-growth. The more you mow, the more it grows. Only an ongoing management program can truly keep bareground under control – especially during the summer months. And mowing enough to maintain near-bareground drives up labor and equipment costs and increases liability. Plus, mowing removes the very plants that out-compete undesirable vegetation and help reduce maintenance. The end result is a wholesale reduction in desirable plant life and a continuous cycle of re-treats. Mowing has other drawbacks too, like noise, noxious exhaust, and oil and gas spills.



# The Role of Herbicides

From weed density and species resistance, to the nature of the site itself, controlling vegetation for bareground may be among the greatest challenges vegetation managers face.

Many vegetation management professionals are turning to herbicide-based programs – and the distinct advantages they provide over repeated mowing.

Herbicides specifically target unwanted weeds and plants without causing harm to desirable plants and animals. They can be applied after mowing to prevent re-sprouting and achieve long-term control. They can be applied over vegetation to eliminate undesirable species while allowing useful plants the space and nutrients they need to thrive. Finally, herbicides can be selectively applied on previously treated sites to control particularly stubborn vegetation and keep it from returning, without reducing desirable species.

## **A herbicide-based vegetation management program:**

- Extends time between treatments
- Improves access for ground and maintenance crews
- Increases versatility
- Prevents environmental damage and reduces erosion
- Provides long-term control
- Targets and removes undesirable plant species

It is important to note that bareground weed control often requires proven chemistries, higher application rates, and the use of combined herbicides to overcome resistant and varied species. In addition, herbicide options may be limited due to the presence of potentially sensitive vegetation.

The following products from BASF Professional Vegetation Management (ProVM) are recommended to help keep vegetation in bareground areas under control. Often effective with just one application, they can boost your vegetation management efforts by cutting down on repeat applications *and* overall costs. BASF ProVM bareground products also provide the versatility of both residual and foliar control – something not possible with mowing.



**Journey® herbicide** is recommended as a tank mix or a foundation product for bareground sites and is an excellent choice for bareground areas with sensitive nearby vegetation, such as road shoulders and sub-stations. A fast-acting foliar and residual herbicide, **Journey** effectively helps control a broad spectrum of annual and perennial grasses, broadleaf weeds and vines in bareground and other areas. **Journey** can be used in combination with **Pendulum® AquaCap™ herbicide** or other tank-mix partners to widen the weed control spectrum and aid in the control of especially troublesome species.

**Journey** also gives professional applicators a convenient tool for use beyond bareground, including weed control, grass release and seedhead suppression in roadside and non-cropland areas. For applications where habitat restoration is also a goal, **Journey** is an effective tool for wildlife habitat management and as applied prior to the establishment of certain native prairie grasses and wildflowers.





**Overdrive® herbicide** is recommended for postemergent vegetation management in guardrail, median and right-of-way areas, where cost-effective control of tough nuisance weeds is critical. Fast-acting **Overdrive** provides long-term, broad-spectrum control of over 90 annual and 50 biennial and perennial broadleaf weeds. It is also effective for touch-up or burndown treatments in industrial facilities or utility sub-stations to maintain bareground. **Overdrive** is an excellent choice for postemergence control of resistant broadleaf weeds.



**Overdrive** is effective at very low rates and can be combined with a wide range of products for postemergent control including picloram, clopyralid, triclopyr and 2,4-D. On sites where both postemergent and residual control are desired, **Overdrive** can be combined with **Sahara® DG herbicide**. If residual control is needed, **Overdrive** can be tank-mixed with **Journey® herbicide** or **Pendulum® AquaCap™ herbicide**.



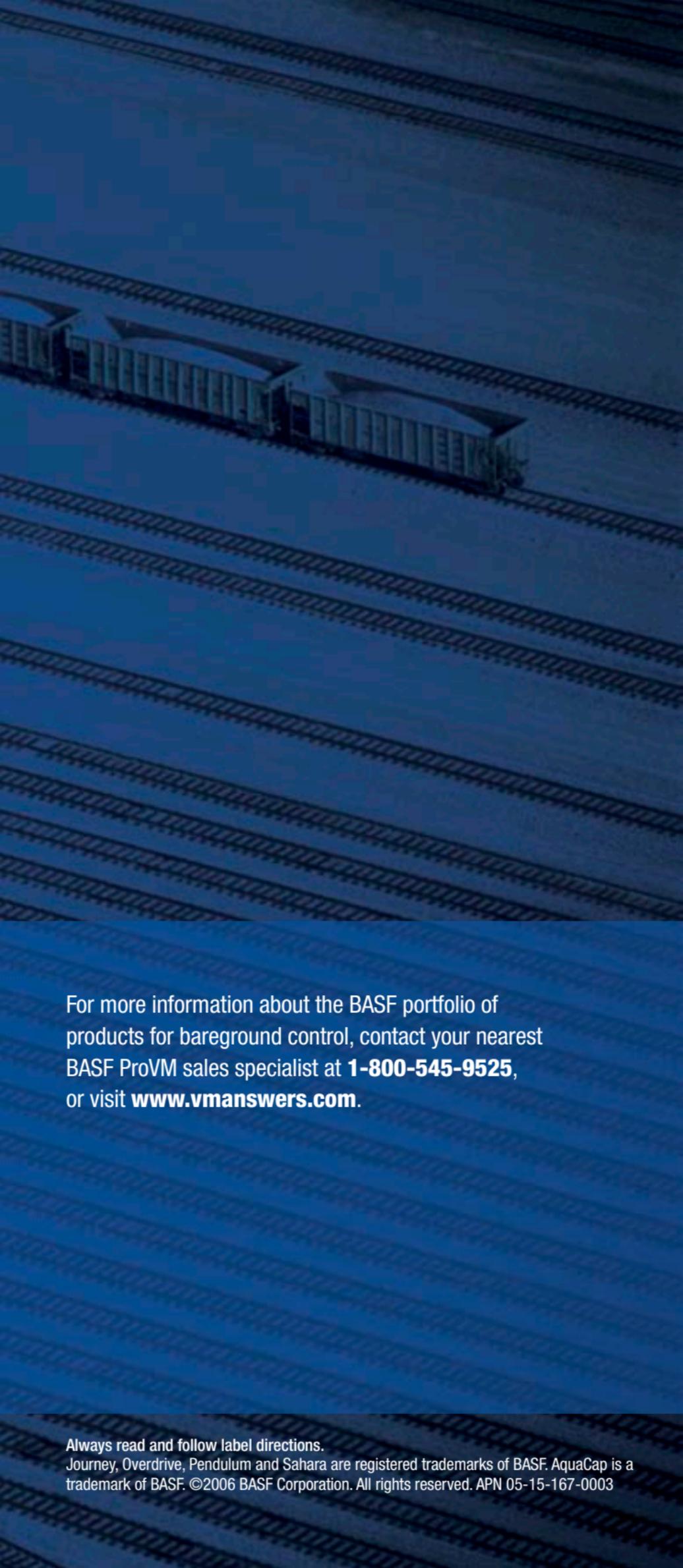
**Pendulum® AquaCap™ herbicide** provides pre-emergent control of more than 40 annual grass and broadleaf weeds. **Pendulum AquaCap** controls only newly germinating seeds and seedlings and can be sprayed over ornamentals, making it ideal for sensitive bareground sites.

The water-based microencapsulation formulation is low odor with virtually no staining. Once applied, the capsules release the active ingredient, making **Pendulum AquaCap** the right choice for sensitive or high-traffic areas. In addition, **Pendulum AquaCap** is formulated with a higher level of active ingredient and helps reduce application time. When additional residual weed control is desired, **Pendulum AquaCap** is a perfect tank-mix partner for **Overdrive® herbicide** and **Journey® herbicide**.

**Sahara® DG herbicide** provides complete burndown and season-long pre- and postemergent bareground control of 150 species of annual and perennial grasses, broadleaf weeds and vines with Just one application. **Sahara** is recommended for guardrails, medians, shoulders, sub-stations, barriers, delineators and signposts. **Sahara** also offers a wide application window, and greater flexibility to applicators.

**Sahara** is compatible with other bareground products as well as drift control agents, and, when used according to label directions, won't impact nearby vegetation – even sensitive crops. **Sahara** can be tank-mixed with **Pendulum AquaCap** or **Journey** to further maximize the length and spectrum of control.





For more information about the BASF portfolio of products for bareground control, contact your nearest BASF ProVM sales specialist at **1-800-545-9525**, or visit **[www.vmanswers.com](http://www.vmanswers.com)**.

Always read and follow label directions.  
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