

BASF adds Frequency™ herbicide to its family of bareground products to combat resistance issues

New Mode of Action receives full label approval from EPA

One of the most effective ways to combat resistance issues in vegetation management is to rotate or combine herbicide treatments, using products with different modes of action and a broad spectrum of control. Vegetation professionals looking for a new way to manage difficult bareground areas can now add **Frequency™ herbicide** from BASF Professional Vegetation Management (ProVM) to the line-up of management tools.

Frequency has received full label approval from the U.S. Environmental Protection Agency (EPA) and offers a new mode of action and a broad spectrum of control in bareground areas. This is increasingly important for managers facing weeds that have grown resistant to herbicides in the standard tank mix, resulting in the need for repeat treatments to maintain acceptable levels of bareground over the course of a season.

“The BASF R&D group was tasked with formulating a chemistry that would give vegetation managers a new tool for annual bareground management programs, spot treatments and rotational programs,” said Todd Horton, BASF Professional Vegetation Management Market Development Specialist. “By adding **Frequency** to the mix during the preemergence treatment cycle, users can increase the effectiveness of the tank.”

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Frequency is especially effective when paired with residual products such as **Journey**[®] herbicide, **Sahara**[®] herbicide, Payload[™], Portfolio[®] or diuron. By modifying the traditional tank mix to include **Frequency**, users can improve control of glyphosate, triazine and ALS tolerant/resistant species and decrease the need for multiple treatments in traditional bareground sites such as railroad, utility, highway and pipeline rights-of-way; highway guardrails and signposts; utility substations, petroleum tank farms, pumping installations, fence rows and storage areas.

“This is in direct response to our customers who have asked for a new tool to address bareground challenges,” said Brian Lish, BASF ProVM Business Manager. “**Frequency** will help our customers meet the challenge of herbicide resistance without return trips and retreats throughout the season.”

The full bareground family of BASF products includes:

- **Journey** is recommended as a tank mix or foundation product for bareground sites and is an excellent choice for areas with sensitive nearby vegetation, such as road shoulders and substations. A fast-acting foliar and residual herbicide, **Journey** effectively helps control a broad spectrum of annual and perennial grasses, broadleaf weeds and vines. **Journey** can be used in combination with **Frequency** to widen the weed control spectrum and aid in the control of especially troublesome species.
- **Sahara** 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. It is recommended for guardrails, medians, shoulders, substations, barriers, delineators and signposts. **Sahara** is compatible with other bareground products as well as drift control agents, and, when used according to label directions, is not intended to affect nearby vegetation – even sensitive crops.
- **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 effective for touch up or burndown treatments in industrial facilities or utility substations to maintain bareground.

- **Pendulum® AquaCap™ herbicide** controls newly germinating seeds and seedlings and can be sprayed over ornamentals, making it ideal for sensitive bareground sites. The water-based microencapsulation formulation releases active ingredient, making **Pendulum AquaCap** the right choice for sensitive or high traffic areas.

Always read and follow label directions.

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