



# ProFume®

## THE NEW STANDARD FOR STORED GRAIN PEST MANAGEMENT.

GAS FUMIGANT



### The proven pest solution for commodities and storage facilities

Protecting stored grain from pests requires an effective solution that also is flexible to meet operational needs. ProFume® gas fumigant provides proven, broad-spectrum control of stored product pests. Its unique Precision Fumigation™ tools and techniques advance the science of stored grain pest management. And ProFume is the sustainable stored product gas fumigant, which is backed by Douglas Products, a global leader in agricultural technologies.

### Proven effective

Sulfuryl fluoride, the active ingredient in ProFume, has been used successfully in pest management for more than 50 years. Manufactured in the United States by Douglas Products, ProFume provides proven control of rodents and all life stages of grain-infesting insect pests. Fumigation with ProFume ensures that all grain in a bin from multiple sources has been protected, and for grain in longer-term storage, fumigation with ProFume does

not require physical movement for treatment.

ProFume has many benefits for stored grain protection. There is no known insect resistance to ProFume. Fumigation exposure time flexibility allows for fumigations as short as multiple hours or as long as multiple days. This is accomplished by precise dosing of the fumigant. And precise dosing means no guesswork — apply only the amount of fumigant required to kill the target pests. State-of-the-art detection equipment developed for ProFume monitors gas during the fumigation, and if necessary, more fumigant can be easily added to ensure proper dosage is achieved to control the target pests.

*"We provide fumigation services for food processors and manufacturers, and storage and commodity facilities that include silos, bins, hoppers, railcars, stacked grain and more. Our customers see the benefits of ProFume, such as custom-tailoring fumigations. My customers appreciate the fumigation flexibility. They appreciate having reports that show the dosage calculations, concentration readings during the process, total accumulated dosage, aeration times and final clearance. And they have peace of mind from knowing that sophisticated electronic equipment is used for monitoring and final clearance. ProFume is highly effective, and the cost per fumigation is in line with other products. ProFume has become our first choice for fumigating commodities, and I and my customers count on it to help protect our food supply."*

**Sean Brantley**  
Emory Brantley & Sons  
Pinellas Park, Fla.

# ProFume® Stored Grain Pest Management

Fumigators using ProFume® gas fumigant are required by Douglas Products to attend annual training and comply with world-class stewardship standards for proper use of ProFume. State-of-the-art gas detectors are used to test the grain for clearance after the fumigation. This helps provide peace of mind for employees working in and around the facility. ProFume is nonflammable and noncorrosive, so grain and electronics are not at risk of loss from fire or corrosion, respectively. ProFume is odorless, so there is no lingering odor at the jobsite, no off-flavor, and no residue disposal — just aerate and the job is complete. Sulfuryl fluoride, the active ingredient in ProFume, is an inorganic compound that penetrates the grain thoroughly, aerates quickly and dissipates with standard grain air systems. Research by leading Universities has shown that ProFume does not change the physical properties of grain, including its milling and post-milling (e.g. baking) characteristics.



## Fumigation with flexibility

ProFume is labeled to control stored product pests in more than 40 commodities. It can be used for labeled commodity and full facility fumigations, including stationary transportation vehicles, bins, elevators, mills, food production facilities and warehouses. ProFume has tolerances approved under global export Codex standards for key commodities.

Unprecedented fumigation customization is possible by using the Precision Fumigation tools and techniques. The Fumiguide® program lets the fumigator run “what if” scenarios and adjust fumigation variables to gain optimum results based on site needs, pests targeted, weather conditions and more. The software can be used to help plan and model a fumigation management plan. Precision Fumigation also lets fumigators monitor the fumigation in real time to ensure effectiveness while using only the amount of fumigant needed. Documentation of the fumigation can be done as a printout or in charts that are useful for quality control recordkeeping.

*“ProFume is an excellent fumigant that works well in our business where product must be insect-free prior to export. We like the fact that ProFume is applied outside a bin or structure to enhance worker safety, while state-of-the-art monitoring equipment allows us to monitor our fumigated area safely outside the structure and records readings of fumigant throughout the exposure to ensure a successful fumigation.”*

**Michael W. Bary**  
Ramsey Popcorn Co., Inc.  
Ramsey, Ind.

[www.ProFume.com](http://www.ProFume.com)



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ProFume is a federally Restricted Use Pesticide. Always read and follow label directions.  
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