

THE PROFUME FUMIGUIDE – A PRECISION FUMIGATION TOOL

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Dow AgroSciences is launching ProFume* gas fumigant in 2002 to control postharvest insect pests in food facilities. Critical to the effective use and safe stewardship of this fumigant is the ProFume Fumiguide*, a PC based software program being developed through close cooperation among Dow AgroSciences biologists, statisticians, internal and 3rd party computer programmers as well as experienced fumigators. This program enables Dow AgroSciences to offer ProFume using the novel concept of Precision Fumigation, generally defined as optimizing fumigant use for maximum efficiency and safety. The ProFume Fumiguide calculates precise dosages based on the target pest and environmental conditions and then provides refined fumigation instructions based on gas monitoring data. It will be flexible enough to manage the entire range of postharvest fumigations, from small chambers to grain silos and the largest flour mills, targeting the full range of key pests and commodities under diverse environmental conditions. It also provides gas introduction instructions and will prepare customer reports. The ProFume Fumiguide sets the fumigant stewardship standard for the 21st century.

*Trademark of Dow AgroSciences LLC. ProFume is not yet registered or for sale.