



Great Lakes Chemical Corporation

FUMIGATION FAX

October 2003

Volume 8, Issue 12

Monitoring Methyl Bromide Air Concentrations

Air concentrations of methyl bromide must be monitored during fumigation to verify dosage level, check for perimeter leaks, and to determine safe re-entry after aeration. Here are a few key points to remember about methyl bromide monitoring:

- ? After introducing methyl bromide into the treatment area, the Meth-O-Gas® label allows the applicator to apply additional methyl bromide gas to the treatment site to maintain the required dosage rate only if the air concentration of methyl bromide has been monitored and measured using an appropriate detection device. If you don't monitor, you cannot apply additional methyl bromide during the exposure period. The detection device used for monitoring the methyl bromide during fumigation is the Fumiscope. The halide torch, electronic detectors or colormetric tubes can be used for leak detection.

- ? Monitoring for leaks allows you to define the "safe zone" perimeter around a fumigation treatment site, such as a structure, tarped area, trailer, or other chamber. You need to know where the "safe zone" perimeter is so that you can set up barricades to keep people from entering this area where they may be overexposed to a chronic low-level amount of methyl bromide.

- ? Measuring the methyl bromide air concentration during the aeration period is required. Re-entry into the fumigation area without respiratory protection is not allowed until the methyl bromide air concentration is measured to be 5 ppm or less throughout the treatment site. This includes the air in the chamber/structure and the air in and around the commodity. The only detection device currently allowed for the final methyl bromide reading is the colormetric tube, e.g. Draeger, Sensidyne, and Matheson-Kitagawa.

If you have questions, please contact us at 1-800-378-9451.

ALWAYS READ AND FOLLOW LABEL DIRECTIONS



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