

Presentation of results of fumigation of different commodities and fumigation of resistant insect species with Quickphlo-R phosphine generator

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Abstract

Over the years fumigation is being done with conventional phosphine formulations like tablets, pellets and bags or Magnesium Phosphide formulation with all the built in inefficiencies, hazards and labor involved in applying the product. This has resulted in some insects developing resistance to phosphine or increased doses of phosphine. However, trials with QuickPHlo- R phosphine generator and the QuickPHlo- R granular formulation showed the merits of this technology over conventional formulations and application methods to achieve 100% kill of the so-called resistant species with phosphine gas.

The technology is operator and environment friendly with built-in scrubber for deactivation of spent formulation.