

International Workshop on Food Safety in a Sustainable Postharvest System of Agricultural Products October 16-18, 2007 Kahramanmaras Sütçü Imam University Kahramanmaras/TURKEY



FUMIGATION MADE SAFE, SIMPLE, CLEAN, & ACCURATE WITH QuickPHIo- RTM PHOSPHINE GENERATORS

Pushpaksen P. ASHER

United Phosphrus Ltd, 3-11, G.I.D.C, Vapi, Gujrat, Vapi-India

E-mail: asherpp@uniphos.com

Conventional methods of phosphine release for **fumigation** use tablets / pellets / bags / plates of aluminium or magnesium phosphide since many years without any significant improvement in technology like – **residue in grains**, the method of application, dependence on ambient conditions for gas generation, uniformity in gas distribution, safety to operators & fire hazard during fumigation – to list a few. To overcome these drawbacks, we have developed **QuickPHIo- RTM Phosphine generators**. **QuickPHIo-RTM Phosphine generators** are accurate, safe & easy to operate to generate the gas from **Aluminium Phosphide** formulation. When **Methyl Bromide** is **phased out** completely, Phosphine will remain almost the only fumigant most commonly available.

Key words: Phoshine generator, QuickPHlo- R[™], aluminium phosphide, fumigation