

POSTHARVEST FUMIGANTS: RESIDUE TOLERANCES AND OTHER REGISTRATION ISSUES

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Abstract. The overall goal of this USDA-ARS research is to ensure the protection and quality of foodstuffs. The results of this research directly enhance production, distribution, and safety of foodstuffs, promote and retain access of United States-grown crops to domestic and foreign markets, and protect the United States and trading partners from the agricultural, ecological and economic threat posed by quarantine and invasive pests. As part of an ARS research mandate, Dr. Walse conducts research on the fate and transport of postharvest agrochemicals, including the collection and evaluation of sorption and depuration data related to nontarget human ingestion and inhalation exposures. This talk will review past and contemporary challenges, as well as discuss future domestic and international opportunities.

Keywords: postharvest fumigation, regulation, quarantine