

Peleg's model showed a good fit with all experimental EF adsorption data (0.9991) be used to predict adsorption kinetics under various conditions and EF exposure times. Further investigations will include testing the Vapormate formulation of EF with CO<sub>2</sub> or a combination of low pressure (vacuum) with EF to reduce the EF concentration and exposure time in commercial-scale fumigations while achieving complete control.