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(54) Title: COMPOSITIONS AND METHODS FOR DOUBLE ENCAPSULATION OF A VOLATILE COMPOUND

(57) Abstract: Disclosed are compositions, methods and materials for delivering a cyclopropene or other active ingredient to a plant. Provided are compositions comprising double encapsulated particles having a waxy coating and being imbedded in a resin matrix. Such double encapsulated particles are further coated with Pickering particles and suspended in oil. The double encapsulated particles comprise a volatile compound (for example, 1-MCP complex powder) as an active ingredient. Also provided are methods for preparing such compositions and methods for using such compositions.

