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**Growth Stage and Age of Pest Insect**

Insect growth stage is another factor influencing Diatomaceous Earth (DE) performance. In general, in many storage pests, the early ages of each insect's growth stages are more sensitive to diatomaceous earth (Baldsari et al., 2004; Kostiokofski et al., 2010). For example, the early ages of storage pest larvae of Plodia interpunctella are more sensitive to the third to fifth ages and the younger larvae have much higher mortality than the older larvae. Also, older mature insects show greater resistance, which may be due to the being more delicate of cuticle in the early ages of larvae with mature insect. T. confusum larvae are more resistant to mature insects, which may be due to the ability of the larvae to reproduce cuticle at different ages and despite the water barrier on the larvae body, but in another study