

Title Susceptibility of stored-product insects to enhanced diatomaceous earth
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Abstract

Mortality of adult *Rhyzopertha dominica* (F.), *Sitophilus oryzae* (L.) and *Tribolium castaneum* (Herbst) was recorded after exposure for different times to application rates of 0, 0.5, 1, 1.5 or 2 g/m² of the diatomaceous earth (DE) DEBBM-P/WP and to 0, 3, 4, 5 or 6 g/m² of the DE Protect-It[®]. Mortality of all insects increased with increasing exposure interval; dry dusts were more effective than slurries, and overall mortality was greater for DEBBM-P/WP than Protect-It[®].