



USDA-CSREES 2007 National Water Quality Conference

[Digestion of dairy manure with the black soldier fly](#)

Black soldier flies, *Hermetia illucens* (L.), are a naturally occurring non-pest insect on decomposing materials and have been utilized in poultry and swine facilities to reduce associated animal waste. However, no information is available on the ability of this fly to reduce dairy manure. For this study, black soldier fly larvae were reared on four daily-feeding regimens of either 27, 40, 54, or 70 g of dairy manure at the Texas A&M Research and Extension Center in Stephenville, Texas. Immature and adult life history traits were examined for each regimen to determine which feeding regimen achieves maximum dry matter reduction and most efficient management of nitrogen and phosphorus.

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