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Joan Hoffacker* (johoff@clemon.edu), Department of Mathematical Sciences, O-110 Martin Hall, Clemson, SC 29634-0975. *Implications of time scales to spraying mosquitoes for West Nile prevention.*

The purpose of this paper is to investigate whether this is the most effective control strategy because past mathematical models assumed discrete behavior that is modeled by difference equations for a single summer season, was most important to the virus's development cycle. (Received September 21, 2009)