TECHNICAL USE SHEET

VectoLex® FG

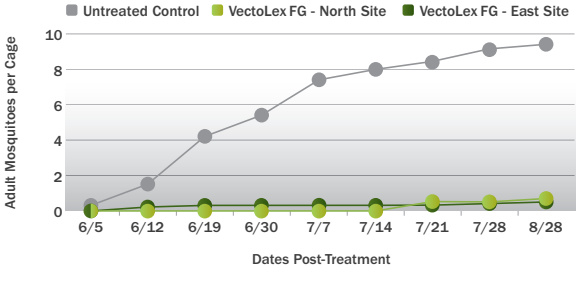
Biological Larvicide

Residual Control of West Nile Virus Vectors

VectoLex® FG Biological Larvicide persists for up to 28 days after a single application under typical environmental conditions. Both persistence of the toxins in the water column and recycling of the bacteria contribute to the extended control.

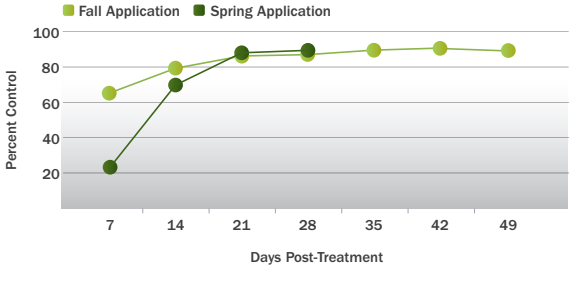
Duration of residual control is generally determined by habitat and application rate. Consult your local Valent BioSciences technical representative for details regarding local conditions.

Mean Cumulative Emergence (June–August) of *Coquillettidia perturbans* in cattail marshes



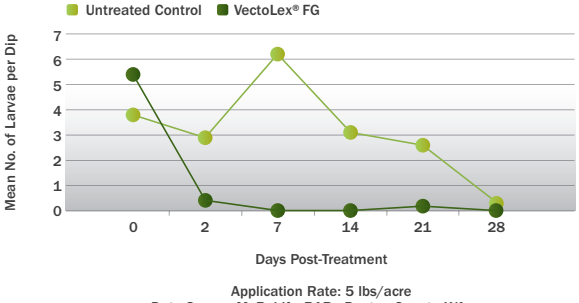
Application Rate: 20 lbs/acre applied in fall (September) of previous year
Data Source: S. Manweiler, MMCD - St. Paul, MN

Percent control of *Coquillettidia perturbans* after fall and spring aerial applications to cattails



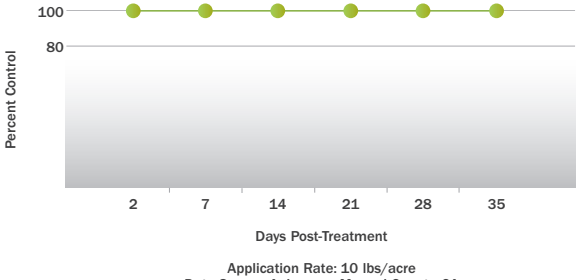
Application Rate: 7.1 lbs/acre applied in fall (August) and spring (May)
Data Source: C. Brousseau, C. Back, A. Leblanc, GDG Environment - Quebec, Canada

Control of *Culex pipiens* in sewage ponds



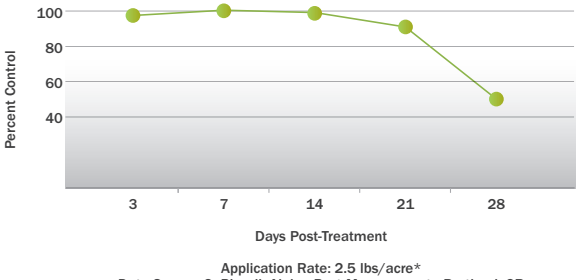
Application Rate: 5 lbs/acre
Data Source: M. Rohlfs, RAR - Benton County, WA

Control of *Culex tarsalis* in duck clubs



Application Rate: 10 lbs/acre
Data Source: A. Inman - Merced County, CA

Percent control of *Culex pipiens*, *Culex stigmatosoma* and *Culiseta incidens* in polluted mesocosm



Application Rate: 2.5 lbs/acre*
Data Source: G. Bissell, Alpine Pest Management - Portland, OR

** Rate used for this study is not recommended for operational mosquito control. Study was conducted in a controlled mescosm and intended to show efficacy against both Culex and Culiseta spp. mixed broods.*

VALENT BIOSCIENCES