

TECHNICAL DATA

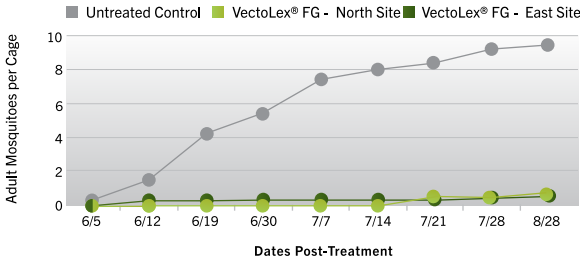
VectoLex® FG

Bacterial Larvicide

Residual Control of West Nile Virus Vectors

VectoLex® FG Bacterial 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.

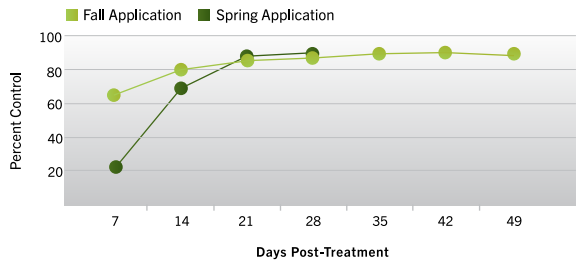
Mean Cumulative Emergence (June-August) of *Coquillettidia perturbans* in cattail marshes



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

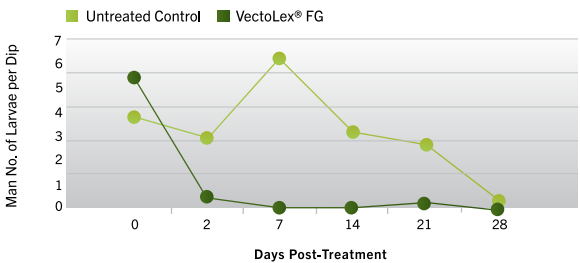
Duration of residual control is generally determined by habitat and application rate. Consult your local Valent Health technical representative for details regarding local conditions.

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



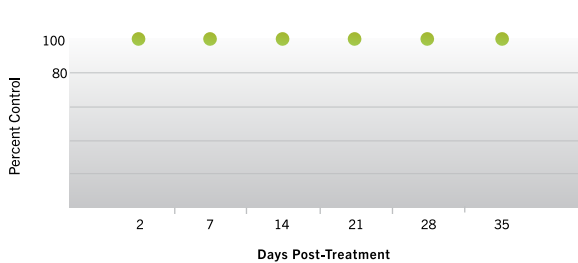
Application Rate: 7.1 lbs/acre applied in fall (August) of spring (May)
Data Source: C. Brousseau, C. Back, A. Leblanc, GDG Environment - Quebec, Canada

Control of *Culex pipiens* in sewage ponds



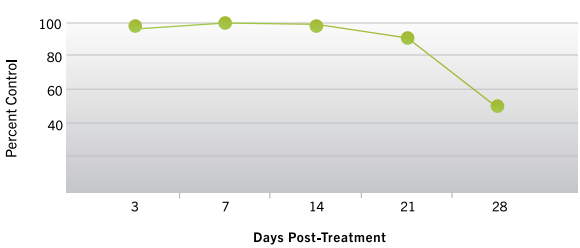
Application Rate: 5 lbs/acre
Data Source: M. Rohlf, RAR - Benton County, WA

Control of *Culex tarsalis* in duck clubs



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

Percent control of *Culex pipiens*, *Cules 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 mesocosm and intended to show efficacy against both *Culex* and *Culiseta* spp. mixed broods.