TECHNICAL DATA

VectoBac® Granule

Biological Larvicide

Results of Mosquito Trials with VectoBac® Granules

MOSQUITO SPECIES	HABITAT	INVESTIGATOR	METHOD OF APPLICATION	RATE LBS/AC (KG/HA)	MORTALITY
Ochlerotatus sollicitans *Aedes vexans*	Salt marsh River slough	D. Boyes Barrington, RI W. Thiessen Alberta, Canada	Ground Air	9.0 (10.1) 7.5 (8.4)	100% 24 hrs 100% 24 hrs
Aedes vexans	Floodwater sites	Dr. K. Liem Harvey, IL	Buffalo turbine	2.5 (2.8) 5.0 (5.6)	96% 99% 48 hrs
Ochlerotatus melanimon *Ochlerotatus nigromaculis*	Floodwater sites	Dr. R. Garcia University of CA	Ground	6.7 (7.5) 8.9 (10.0)	99% 100% 24 hrs
Ochlerotatus melanimon	Floodwater sites	Dr. R. Garcia University of CA	Ground	5.0 (5.6)	99% 24 hrs
Ochlerotatus taeniorhynchus	Salt marsh	L. DuBose Chatham County Mosquito Control	Ground	5.0 (5.6)	94% 24 hrs
Ochlerotatus melanimon	Refuge flooding	S. Bearden	Aerial	5.0 (5.6)	98% 48 hrs
Ochlerotatus nigromaculis	Pasture	A. Inman	Aerial	5.0 (5.6)	100% 48 hrs
Culex tarsalis	Secondary sewer water	Dr. R. Garcia University of CA	Ground	8.9 (10.0) 6.7 (7.5) 4.5 (5.0)	99% 98% 90% 24 hrs
Culex pipiens quinquefasciatus	Fresh water	Dr. R. Parsons Sarasota Co. MCD, FL	Air	10.0 (11.2)	100% 24 hrs
Culex pipiens quinquefasciatus	Poultry waste Lagoons	Dr. R. Axtell N. Carolina St. Univ.	Ground	5.0 (5.6)	99% 72 hrs
Aedes canadensis *Aedes stimulans*	Woodland bogs	Dr. Fanara Saginaw Bay MCC, MI	Air	5.0 (5.6)	100% 144 hrs 24 hrs
Aedes vexans	Natural pools	Dr. W. Rowley Iowa St. Univ.	Ground	5.0 (5.6)	100% 24 hrs
Aedes vexans	Woodland pools, ditches	So. Cook County MAD Illinois	Buffalo turbine	6.0 (6.7)	98% 24 hrs
Aedes sollicitans	Salt marsh	Cape May Co. MCC New Jersey	Air	7.2 (8.1)	97% 30 hrs
Aedes sollicitans	Salt marsh	B. Brown Ecoanalysts, Inc. Georgetown, ME	Air	7.5 (8.4)	99% 24 hrs
Ochlerotatus nigromaculis	Pasture	Dr. C. Schsefer S. Mulligan University of CA	Ground	8.9 (10.0) 8.9 (10.0)	99% 93% 24 hrs
Ochlerotatus communis *Aedes punctor*	Snowmelt pools	Dr. M. Colbo Memorial Univ. Newfoundland	Ground	5.3 (5.9) 8.9 (10.0)	100% 99% 24 hrs
Psorophora columbiae	Pasture	Dr. M. Mulla University of CA	Ground	5.0 (5.6) 10.0 (11.2)	95% 97% 24 hrs

VALENT HEALTH™

Protecting Life's Potential