



# NEXT GENERATION MERUS® 3.0

For sustainably-driven communities and mosquito abatement districts with organically-grown agriculture.

Merus® 3.0 adulticide formulation meets public health needs and public preference.

New Merus® 3.0 is OMRI Listed and meets NOP standards for adult mosquito control. With Merus® 3.0, districts can confidently and seamlessly use just one wide-area ULV product across all their conventional farming, organic agriculture and urban or residential settings.

And when combined with the power of Clarke's Natular® larvicides, communities have a holistic solution for public health mosquito control that is compatible with organic farming.

## Product Highlights

- » Formulated with 5% pyrethrins, a botanical insecticide, and no petroleum distillates
- » New low-odor formulation
- » New lower price
- » Ground and aerial application labeling
- » Crop tolerance labeling

## About NOP and OMRI

By meeting NOP standards, Merus® 3.0 can be used in or around organic crops without putting organic crop certification at risk. The OMRI Listed status of Merus® 3.0 means its components meet the Organic Materials Review Institute standards for ingredients that can be used in organic production or processing, meeting USDA National Organic Program (NOP) standards.



### UNDERSTANDING NATURAL PYRETHRINS >>

Natural pyrethrins are a botanical insecticide produced primarily by flowers from the chrysanthemum family. Flowers from pyrethrum-producing plants are picked by hand, sun dried and sent to a processing plant for extraction of the active ingredient. In final formulation, Merus® 3.0 is a non-persistent adulticide with low acute toxicity that provides effective control without chemical synergists.



## Using Merus® 3.0

Use the tables to the right to calculate ground ULV application rates for undiluted Merus® 3.0.



lb A.I. / acre	APPLICATION RATES				FL. OZ. MERUS™ 3.0 / acre
	5 MPH	10 MPH	15 MPH	20 MPH	
0.0025	2.7	5.3	8.0	10.6	0.88
0.0021	2.2	4.5	6.7	8.9	0.74
0.0018	1.9	3.8	5.7	7.7	0.63
0.0016	1.7	3.4	5.1	6.8	0.56

Applications up to 2.81 fl.oz (0.008 lb a.i.) per acre may be made when targeting *Aedes Taeniorhynchus* or other difficult-to-control species.

lb A.I. / acre	APPLICATION RATES				FL. OZ. MERUS™ 3.0 / acre
	5 MPH	10 MPH	15 MPH	20 MPH	
0.008	8.5	17.0	25.5	34.0	2.81

### A CLARKE NEXTGEN PRODUCT THAT GIVES BACK >>

Merus® 3.0 is a Clarke NextGen product and part of our One for Tomorrow program. Under this program, Clarke will donate an amount equal to 1% of Merus® sales to non-profit organizations that are striving to restore and/or preserve the environment, wildlife and food production.



Making communities around the world more livable, safe and comfortable.

#### GLOBAL HEADQUARTERS

675 Sidwell Court, Saint Charles, IL 60174 USA

Phone: 1.630.894.2000 Fax: 1.630.894.1774

[www.clarke.com](http://www.clarke.com)

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FOR ORGANIC PRODUCTION

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