



# ADULTICIDE OFFERING

	MERUS®	AQUAHALT®	DUET® & DUET HD	ANVIL®	BIOMIST®	MOSQUITO-MIST®	MOSQUITO-MASTER®	ZENIVEX®
Active Ingredients	Natural Py	Natural Py + PBO	Prallethrin & Sumithrin + PBO	Sumithrin + PBO	Permethrin + PBO	Chlorpyrifos	Permethrin & Chlorpyrifos	Etofenprox
Class	IRAC Class 3A Pyrethrins	IRAC Class 3A Pyrethrins	IRAC Class 3A Pyrethroids	IRAC Class 3A Pyrethroids	IRAC Class 3A Pyrethroids	IRAC Class 1B Organophosphate	Organophosphate + Pyrethroids	IRAC Class 3A Pyrethroids
Formulation Information	No petroleum distillates and all minimum-risk inerts	Water-based formulation with synergist	Water, oil and solvent-based formulations with synergists	Water and oil-based formulations with synergists	Multiple oil-based formulations with synergists	Oil-based formulation with no synergist	Oil-based formulation with no synergist	Water and oil-based formulations with no synergist
Product Description	The only OMRI Listed wide area adulticide for public health  <i>Where Public Health Meets Public Preference<sup>SM</sup></i>	Water based, natural py, with crop tolerance (Not OMRI)	Dual-action product with benign agitation, for heavy populations and/or hard to control species  <i>Duet HD for aerial application only</i>	Workhorse product, high value for routine mosquito control	Versatile, budget-conscious formulations for routine mosquito control where resistance is not an issue	Rotational choice for budget-conscious programs challenged by resistance and/or hard to control species	Rotational choice for budget-conscious programs challenged by resistance	Rotational choice for programs sensitive to PBO
Product Manufacturer	Clarke	Clarke	Clarke	Clarke	Clarke	Clarke	Clarke	Central Life Sciences
OMRI Listed For Organic Use	YES	NO	NO	NO	NO	NO	NO	NO
Crop Tolerance	YES	YES	YES	YES	Some; see label	NO	NO	YES

## GLOBAL HEADQUARTERS

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# LARVICIDE OFFERING

	NATULAR*	CENSOR*	FOURSTAR	ALTOSID	DUPLEX	STRIKE	COCOBEAR*
Active	Spinosad	Spinosad	Bti, Bs	(s)-Methoprene	(s)-Methoprene + Bti	(s)-Methoprene	Mineral oil
Class	IRAC Class 5 NACHR Allosteric Activator	IRAC Class 5 NACHR Allosteric Activator	IRAC Class 11A/11B Microbial Disruptor	IRAC Class 7A Juvenile Growth Hormone	IRAC Class 11A IRAC Class 7A	IRAC Class 7A Juvenile Growth Hormone	Suffocant/ Physical MOA
Formulations	Tablets, Granules, WSP, Liquid	Granule	Granules, Briquets, WSP	Briquets, Granules, Pellets, WSP, Liquids	Granule	Liquids and Pellets	Liquid
Residual Control	Single- and multi-brood control options ranging from 7-180 days	Up to 7 days	Various extended control options providing 30-180 days	Single- and multi-brood control options ranging from 5-150 days	Up to 28 days	Up to 15 days	N/A
Position	A complete portfolio of naturally-derived, OMRI Listed* larvicide formulations that work on all four instars of larvae <i>Where Public Health Meets Public Preference</i> <sup>SM</sup> * DT isn't OMRI Listed	The power of spinosad in a value-based formulation suited for habitats where OMRI Listed status is not a requirement	A portfolio of microbial larvicides, available in varying combinations of Bti and Bs, effective on the first three instars of larvae	A portfolio of larvicides that stop mosquito development in the pupal stage ("insect growth regulator"), preventing the emergence of biting adults	A dual-action larvicide that controls mosquitoes in the larval and pupal stages	Specialty formulations optimized to prevent the emergence of adult filter flies and midges in wastewater treatment operations	Patented larvicide/ pupacide oil effective against surface breathing mosquito larvae
Product Manufacturer	Clarke	Clarke	Central Life Sciences Distributed EXCLUSIVELY by Clarke	Central Life Sciences	Central Life Sciences	Central Life Sciences	Clarke
OMRI Listed For Organic Use	YES (except Natular DT)	NO	NO	NO	NO	NO	NO

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