



Censor[®] Larvicide FAQ

Frequently Asked Questions

1.	<p>Q. What is the active ingredient in Censor[®] larvicide?</p> <p>A. Spinosad. It is a naturally-derived active ingredient produced during fermentation by the soil organism, <i>Saccharopolyspora spinosa</i>. The natural metabolites produced during the fermentation process were termed “spinosyns.” Spinosad is the collective term for the two most prominent and most active compounds in the fermentation broth (spinosyn A and spinosyn D). Hence the name “Spinosad.”</p> <p>Spinosad has been used since 1999 on more than 250 crops and in consumer and animal health uses in over 85 countries. Its first use in public health began in 2009, when it was introduced as the active ingredient in Clarke’s Natular[®] brand of mosquito larvicides.</p>
2.	<p>Q. How are Censor and Natular different if they both use Spinosad?</p> <p>A. Most domestic formulations (with the exception of the DT tablets) in our Natular brand line are listed by the Organic Materials Review Institute (OMRI) for use in and around organic agriculture. For those Natular products to earn their OMRI Listing, their ingredients must comply with the U.S. Department of Agriculture’s National Organic Program (NOP) rules. They were designed for customers and communities who require and value the OMRI designation.</p> <p>Conversely, the Censor brand is not OMRI Listed and its formulation may not fully comply with NOP rules. Censor presents public health mosquito control with a value-based spinosad offering that is distinct and different from Natular.</p>
3.	<p>Q. What Censor formulations are available?</p> <p>A: Censor is only available as a single-brood, 10/14 mesh corn cob-based granule. It delivers up to 7 days of control and is effective on all four instars of mosquito larvae. It may also be used as a pre-treatment tool. The application rate ranges from 3.5 to 9 pounds/acre for most listed sites, and up to 20 pounds/acre for waters high in organic content, deep-water mosquito habitats, or those with dense surface cover.</p>
4.	<p>Q: Where is Censor available?</p> <p>A: Censor is registered in a limited number of U.S. states, and all Censor orders require volume and delivery commitments. Censor is available for bulk orders only, and customers must take delivery in full pallets of (35) 40 lb bags or 1,000 lb supersacks. Please check with your Clarke representative to confirm registration in a specific state.</p>

5.	<p>Q. How do I know if Censor is a good fit for my public health mosquito control program?</p> <p>A. Do you value the OMRI registration on your larvicide products? If so, the Natular brand of organic spinosad larvicides remains your best option.</p> <p>But if not, Censor might be a product to consider adding to your rotational program if:</p> <ul style="list-style-type: none"> - You currently use high-volumes of single-brood larvicides. - You are comfortable accepting bulk delivery of product. - Your treatment situation is well-suited to a cob-based single-brood product: <ul style="list-style-type: none"> o Which can include cold water climates, targeting hard-to-kill species in all four instar stages, and open or floodwater habitats with limited vegetation/canopy across treatment area, among others. - You value a product with pre-treatment benefits. - You operate in a state with current Censor registration. <ul style="list-style-type: none"> o If Censor is not registered in your state, please consult with your Clarke representative.
6.	<p>Q. Is Censor safe for the environment?</p> <p>A: Spinosad was the first larvicide registered under the EPA’s Reduced Risk program due to its reduced risk to human health and non-target organisms when compared to other available alternatives. Spinosad is not toxic to birds, terrestrial wildlife, or fish. While spinosad is toxic to some aquatic invertebrates, following the label use directions will minimize the risk to these organisms.</p>
7.	<p>Q. Is Censor safe when used in areas near people and domestic animals?</p> <p>A: When applied as indicated on the label for control of mosquito or midge larvae, Censor will not endanger human or animal health. Prior to registering a product, the EPA evaluates products thoroughly to be sure there is a “reasonable certainty of no harm” to humans, animals and the environment from their use. Censor and Spinosad have passed rigorous tests required by the EPA and has been approved for use in ground and aerial application in a variety of outdoor aquatic areas that breed mosquitoes including in residential and recreational areas.</p> <p>Censor is not toxic to mammals. Spinosad is not carcinogenic, not genotoxic, and is not a reproductive or developmental toxin.</p>