

Guide to Vetoquinol's Commercial Insecticides



	Disvap IV With Citronella Fragrance	Disvap V With Citronella Fragrance	Disvap gold With Citronella Fragrance	Vetolice
Description				
Active	Pyrethrins 0.1 % Piperonyl Butoxide 1.0%	Permethrin 0.1 % Pyrethrins 0.1 % Piperonyl Butoxide 1.0%	Pyrethrins 0.5% Piperonyl Butoxide 5.0%	Permethrin 1.0%
Mode of action	Quick kill	Quick kill & Residual effect	Quick kill	Quick kill & Residual effect
Formats available	4L - 20L Ready to use	20L Ready to use	454g Spray can Ready to use	4L - 10L Ready to use
Application				
Farm Buildings	Farm premises; Poultry and swine houses; Cattle barn; Stable; Milk room.	Farm premises; Hog, dairy and beef barns; Milking parlours; Milk rooms; Poultry houses.	Farm premises; Dairy, beef and horse barns; Milking parlours and rooms; Milk houses; Piggeries, Poultry houses; Shelter sheds.	
Livestock spray	Horses, cattle and swine.		Beef cattle, dairy cattle (lactating and non-lactating), horses, hogs, poultry and other livestock.	Pour-On for beef cattle and lactating and non-lactating dairy cattle.
Flying insects				
Biting Midges			✓	
Deer Flies			✓	
Face Flies			✓	
Flying Moths			✓	
Gnats	✓			
Horn Flies	✓		✓	✓
Horseflies	✓		✓	
House Flies	✓	✓	✓	
Mosquitoes	✓	✓	✓	
Stable Flies	✓	✓	✓	
Wasps			✓	
Crawling insects				
Biting Lice				✓
Fleas			✓	



FAQs

Frequently Asked Questions about Insecticides

Q. What is the best active ingredient to use?

A. Permethrin and pyrethrin are similar molecules, both derived from naturally occurring pyrethrum from the chrysanthemum flower. Pyrethrin has a shorter duration of action; permethrin has a longer duration of action. Both permethrin and pyrethrin kill insects shortly after contact. Piperonyl butoxide is added to pyrethrin and permethrin products to enhance their insecticidal activity.

Q. Does a higher concentration of insecticide mean better efficacy?

A. No, a higher concentration is likely used for applications that require a smaller product volume, as in our product Vetolice, where a small volume of liquid is required to treat the surface of a large animal. Alternatively, the concentration of permethrin in Disvap V is much lower, because a larger volume of liquid is used to spray over the walls in a room. The concentration relates to the practicality of application.

Q. What is a “Ready to use” insecticide?

A. The term “Ready to use” simply means the product is sold in a form that requires no mixing or dilution prior to use. This type of product is not only convenient, it also eliminates the possibility of mixing errors and accidents.

Q. What is meant by “Quick kill” and “Residual effect”?

A. The term “Quick kill” means that insects are killed quickly after coming into contact with the insecticide. Pyrethrin and permethrin both have quick kill properties.

The term “Residual action” relates to the duration of effect of the insecticide after it is applied. Pyrethrin is degraded by sunlight within hours of application. This means pyrethrin has a short residual action. Permethrin is degraded by sunlight over several days, indicating a long residual action. The choice to use a long or short residual acting product should be based on how long you want the chemical to remain active where it is applied. Sometime a long residual period is not required or desired.

Always follow label directions!

Visit our biosecurity website to:



- Learn more on insect management;
- Watch our biosecurity training videos;
- Download our latest brochures;
- Download our products’ SDS.

biosecurite.vetoquinol.ca

