

 SUMITOMO CHEMICAL

**SumiPro™ EW**



**Innovative, Powerful Insecticide with  
Advanced Evaporation Retardant (AER) Technology**



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# SumiPro™ EW

is the latest innovation in flying insects control, combining the power of a excellent knockdown agent (SumiOne 0.1% w/w), killing agent (Gokilaht-S 6.0 % w/w), synergist piperonyl butoxide(PBO) with Advanced Evaporation Retardant (AER) technology.

SumiPro™ utilizes a proprietary Sumitomo's formulation and technology that allows stable dilution in water and spray can reach distances of up to 100 metres with minimal water droplet shrinkage via water evaporation – providing better efficacy per application to ensure superior knock-down and kill.

Unique water-based formulation remove the use of oil-based diluents such as diesel and helps minimize the environmental impact. It can be applied through ULV, misting or thermal fogging equipment.

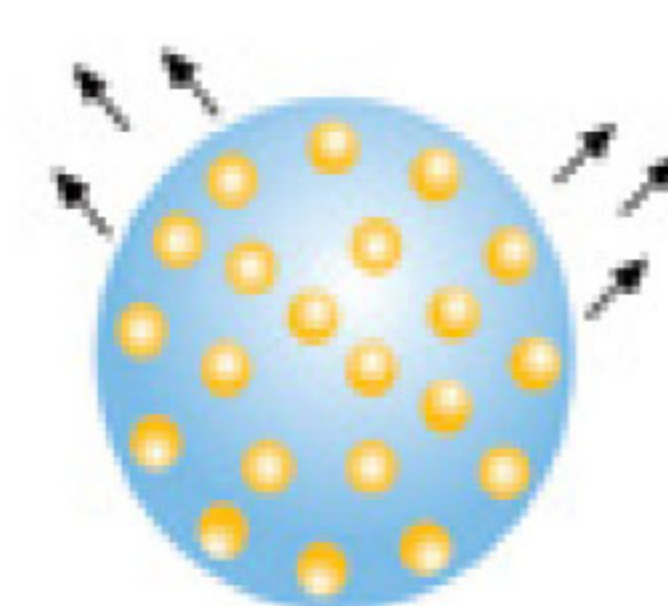
## Why Choose SumiPro™ EW

- Clean solution with AER technology
- Incorporates PBO enhances performance against insects with metabolic resistance
- For use against a wide range of flying insect pests (mosquito and fly)
- Dilutable in water for indoor and outdoor applications
- \*Advanced Evaporation Retardant (AER) technology provides the excellent performance which maintain droplet size and efficacy at 100m distance
- Economical to use
- Suitable use in commercial and residential building, livestock and poultry facilities
- Suitable for use through Ultra Low Volume (ULV), misting or thermal fogging equipment

Packaging size: 1 Litre

## \*Advanced Evaporation Retardant (AER)

### Rapid evaporation of water



Water droplet from spray nozzle



Migration of long chain alcohol molecules to the droplet's surface

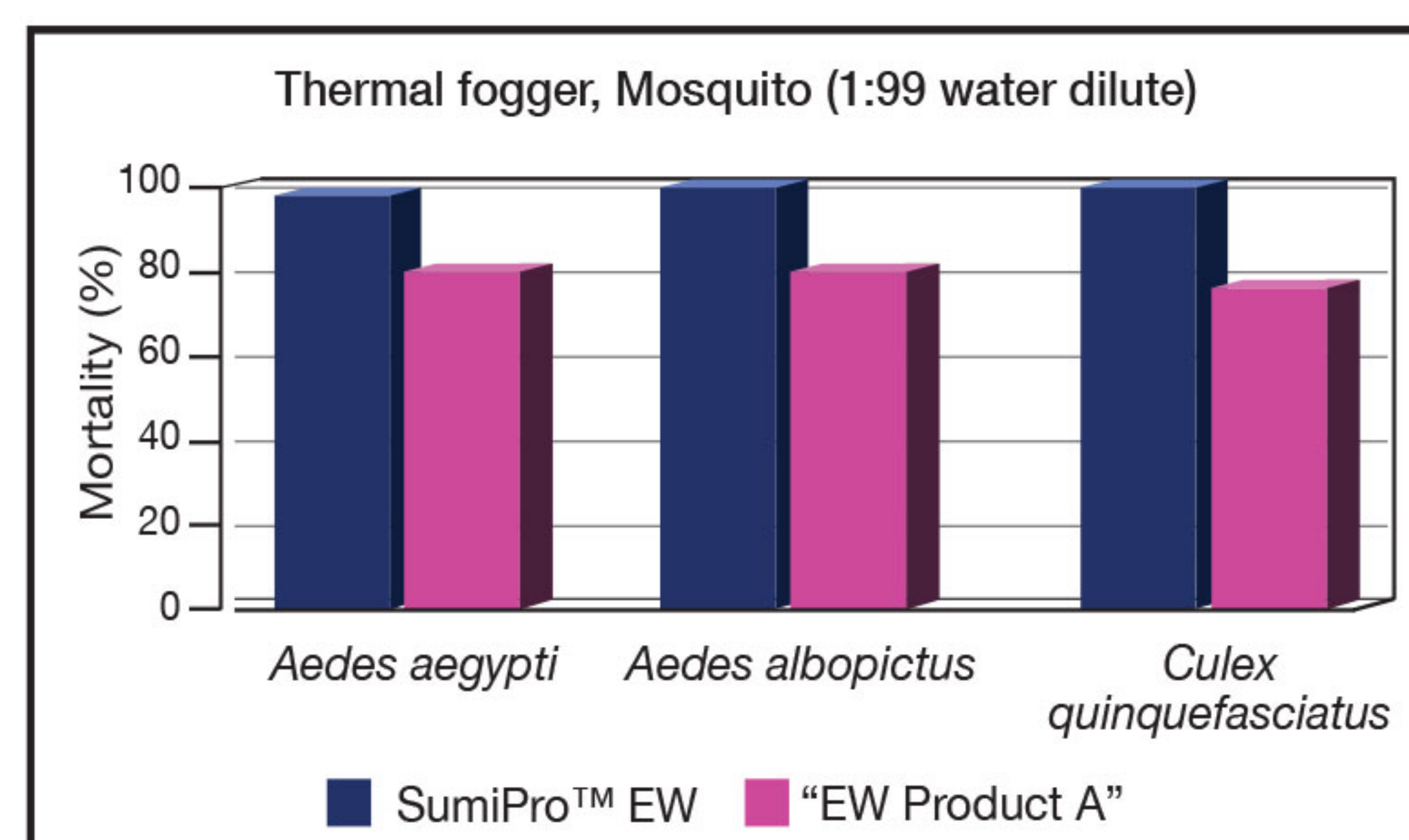
### Evaporation of water reduced



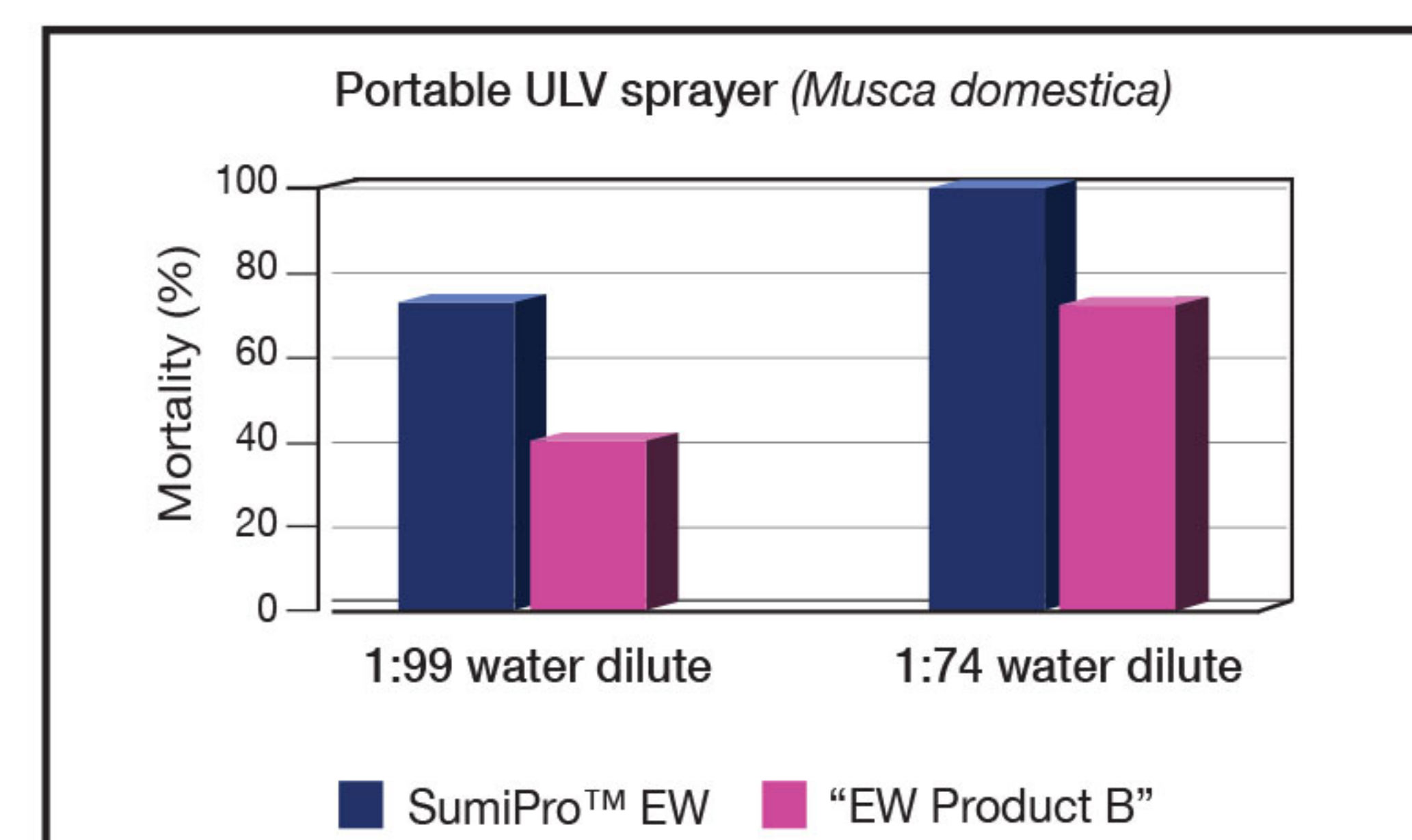
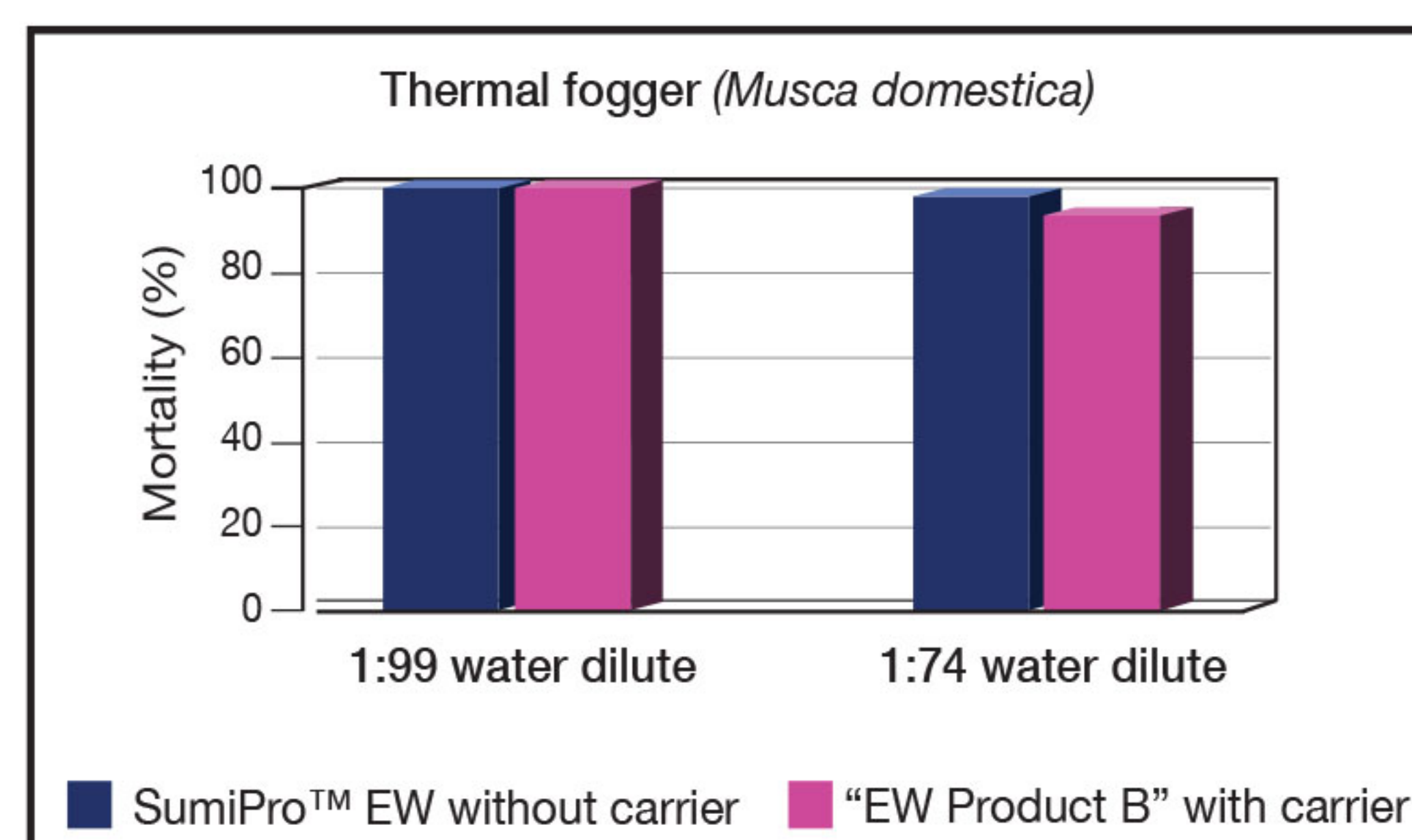
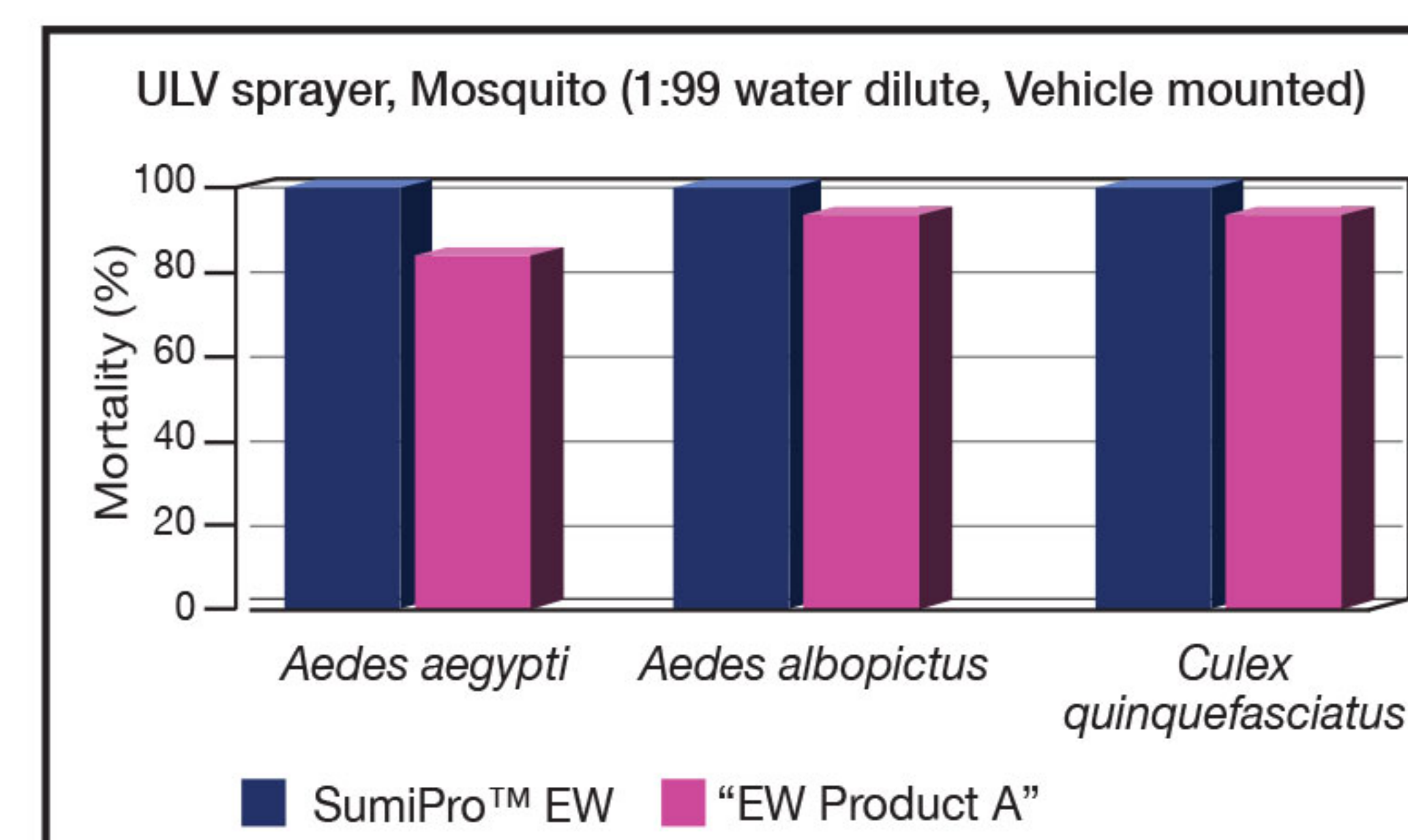
Formation of a complete stable film surrounding the droplet's surface

## Biological Activity

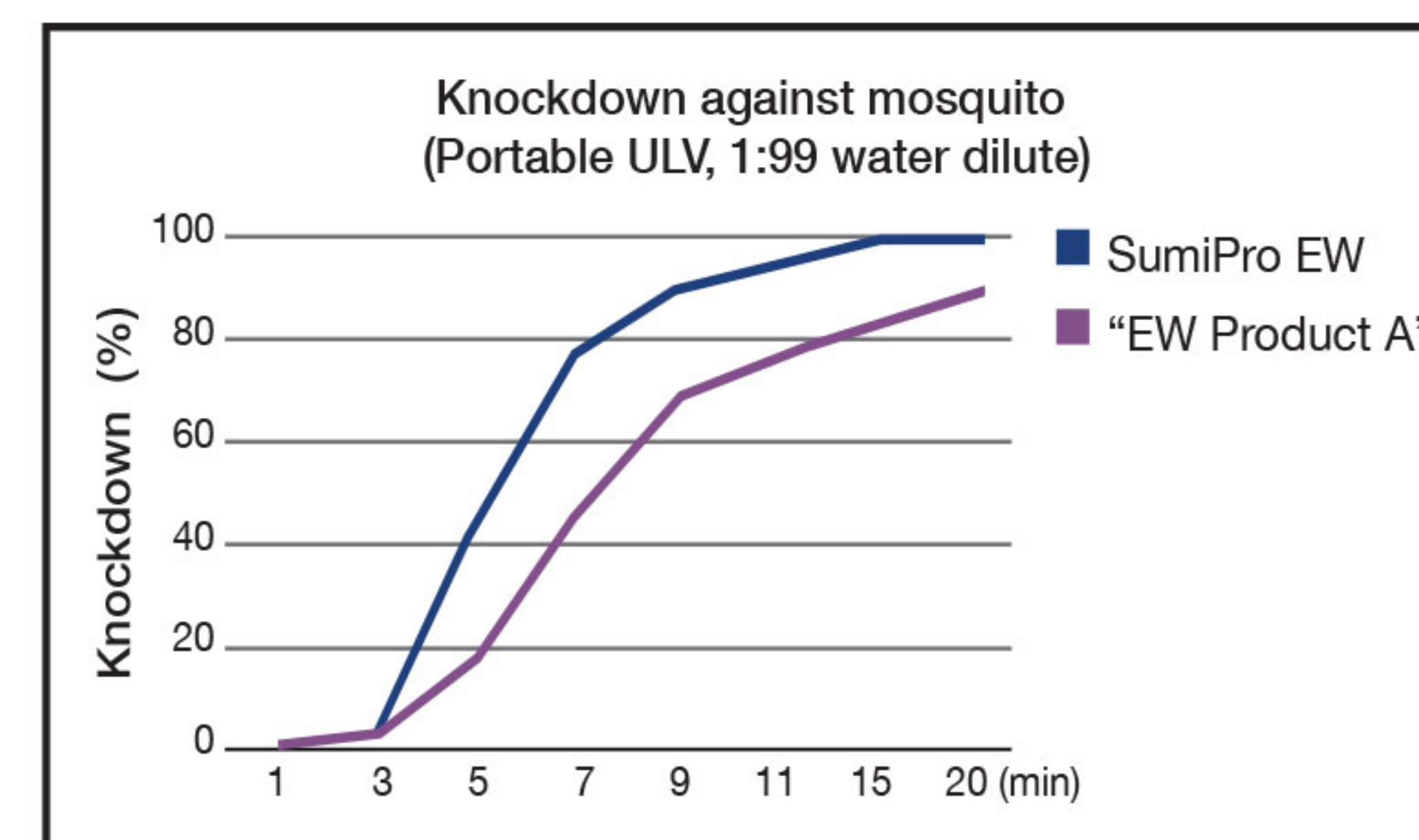
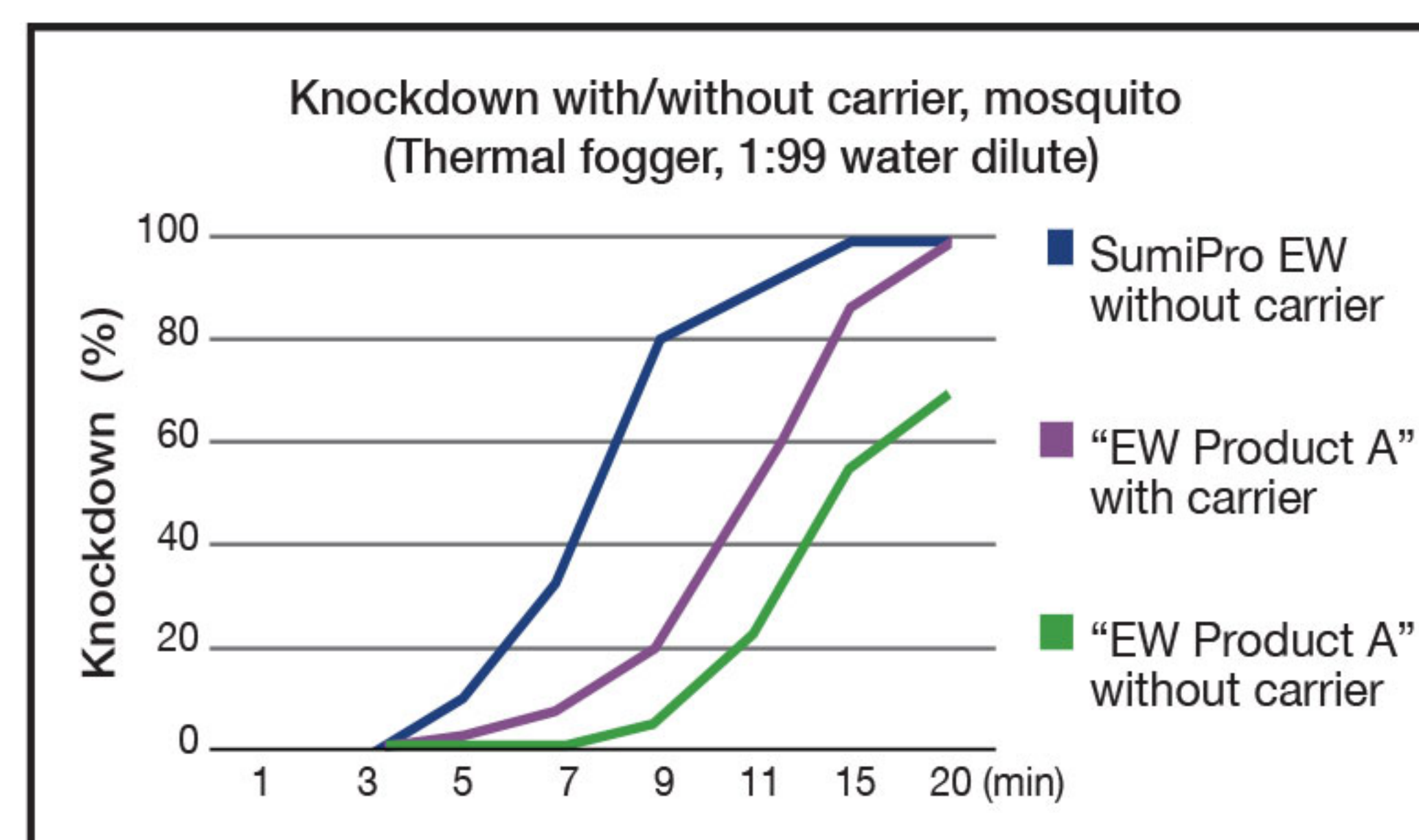
A wide range of laboratory and field data is available. The following graphs summarize such applications in comparison with other “EW products” in the market:



SumiPro™ EW provided excellent kill when applied by thermal fogger or as a ULV against mosquitoes in field trials, Malaysia



SumiPro™ EW provided excellent kill when applied by thermal fogger without using carrier or as a ULV against house fly in field trials, Malaysia



SumiPro™ EW demonstrated excellent knockdown even without using carrier for thermal fogging and ULV sprayer (portable) in field trials, Malaysia

In vehicle mounted ULV field trials, SumiPro™ EW demonstrated excellent performance up to 100m from the sprayer with minimum decrease of droplet size.



Trials using truck mounted ULV

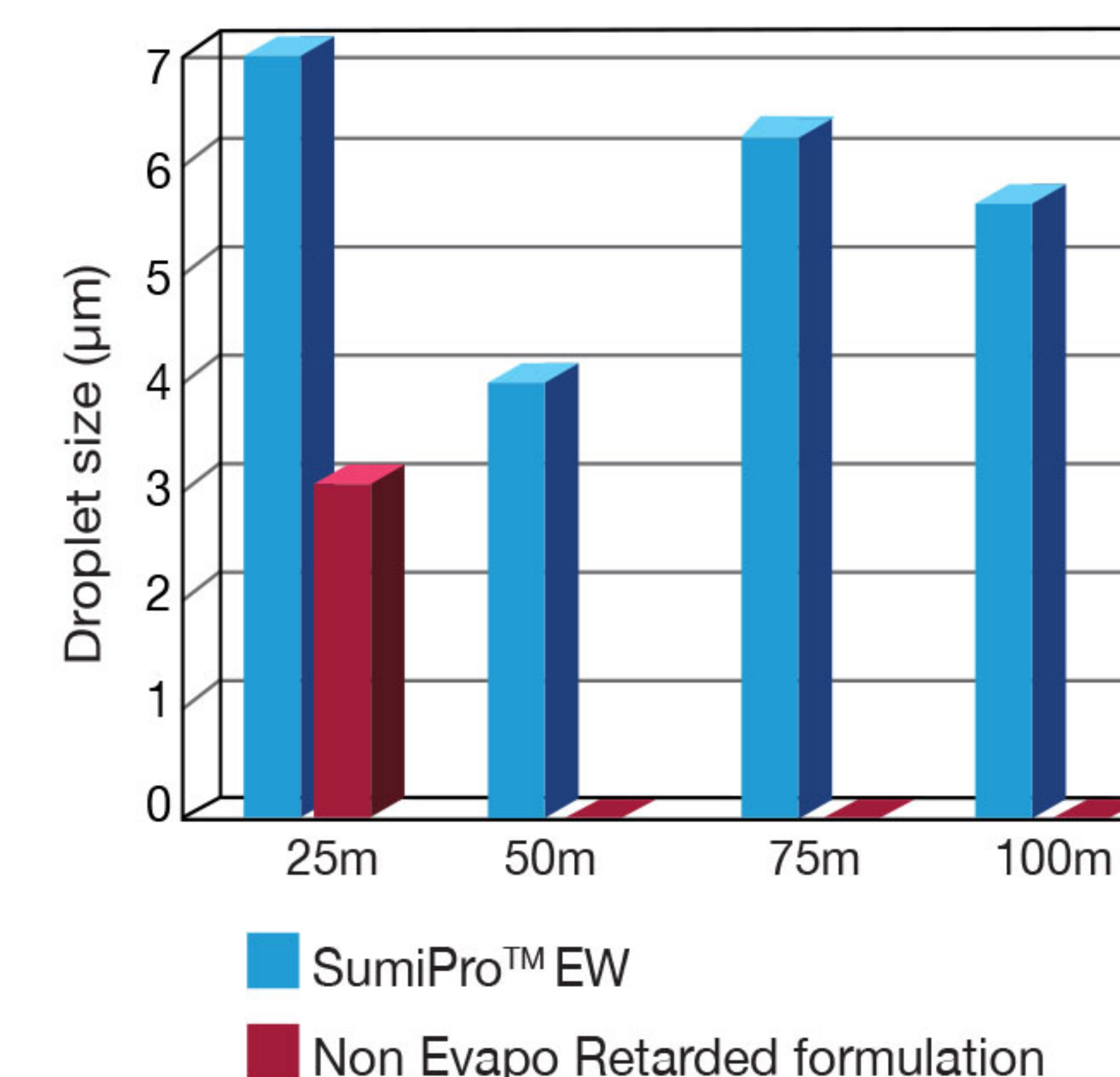


Rotating slide impactors

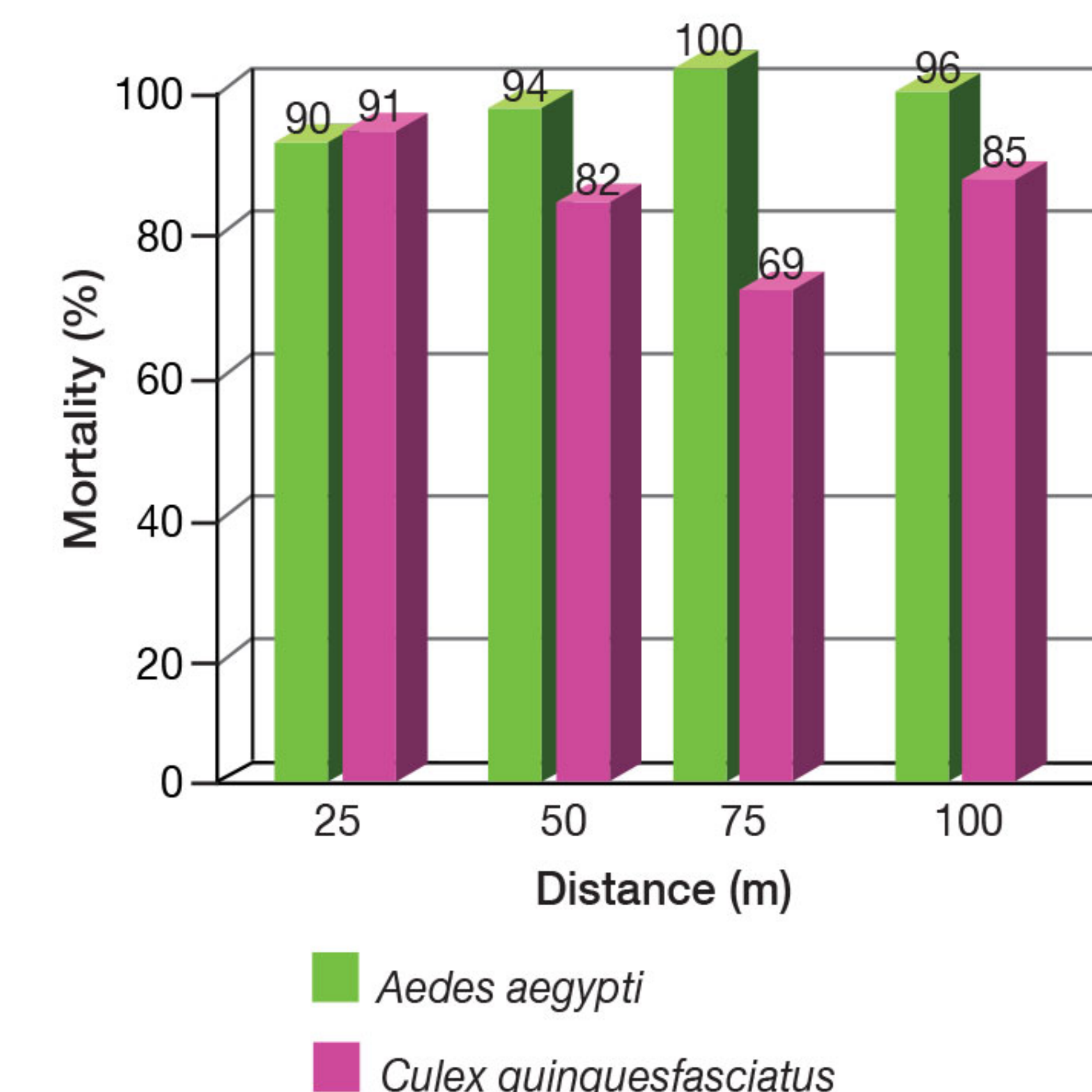


Insect test cage

## SumiPro™ EW ULV Trials Turkey VMD of Droplets with Distance from Sprayer



## Field Trials with SumiPro™ EW Ankara, Turkey







## Regulatory and Technical Support

With a broad and extensive technical experience in the Environmental Health division, we offer the comprehensive product registration package as well as technical support with best use of innovative technologies and formulations to our growing client base from our regional laboratory in Seremban, Malaysia.

**Please Read and Follow  
Product Label Directions and Precautions Before Use.**

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