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.

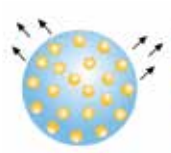
Why Choose SumiPro® EW

- 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 nozzel



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

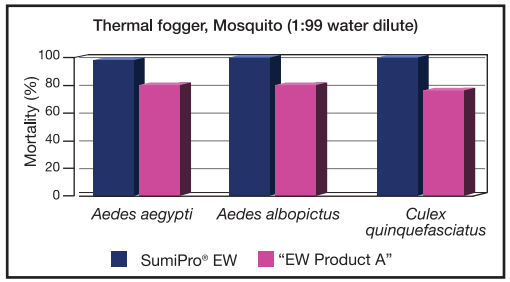
Evaporation of water reduced

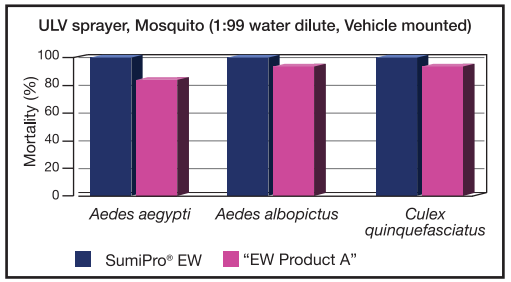


Formation of a complete stable film surrounding the droplet's surface

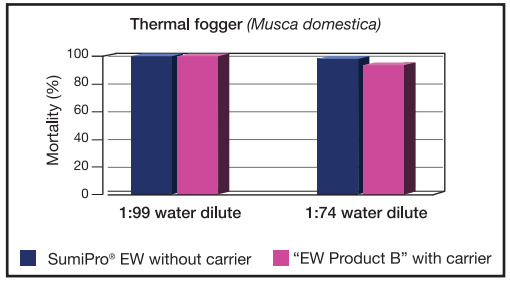
Biological Activity

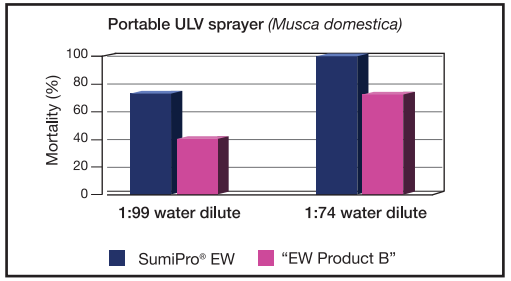
A wide range of laboratory and field data is available. The following graphs summarize such applications in comparison with other "EW products" in the market:



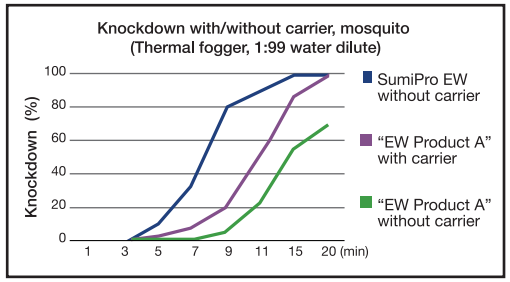


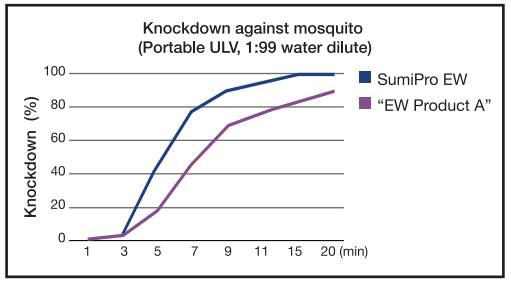
SumiPro® EW provided excellent kill when applied by thermal fogger or as a ULV against mosquitoes in field trials, Malaysia





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

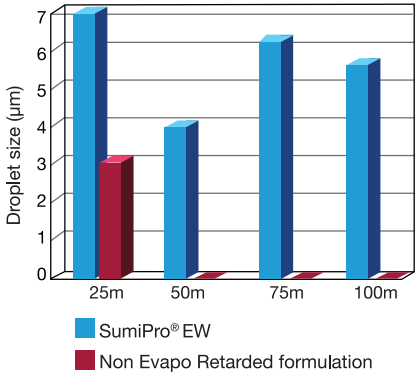


Rotating slide impactors



Insect test cage

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



Field Trials with SumiPro® EW EW Ankara, Turkey

