

Actellic® CS – A long lasting resistance management partner



Sustainable vector control and insecticide resistance

- Insecticide resistance, particularly to pyrethroids, is a significant threat to the success of vector control programs
- Alternative tools are urgently required that allow for a rational and diversified approach to integrated vector management

Introducing Actellic CS

- Actellic CS is a new long-lasting capsule suspension (CS) formulation of the WHO recommended organophosphate insecticide, pirimiphos-methyl.
- Specifically designed for use in IRS programs to provide long lasting residual control on a range of surfaces

Actellic CS in resistance management

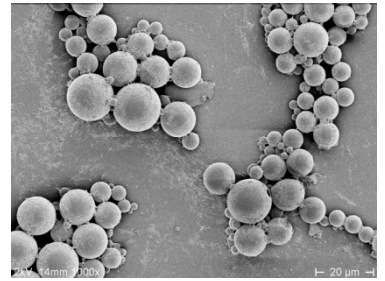
- Studies have shown Actellic CS controls pyrethroid resistant strains of *Anopheles* and *Culex* mosquitoes
- Ideal rotation or mixture partner for ICON® 10CS or pyrethroid LLITNs

Performance

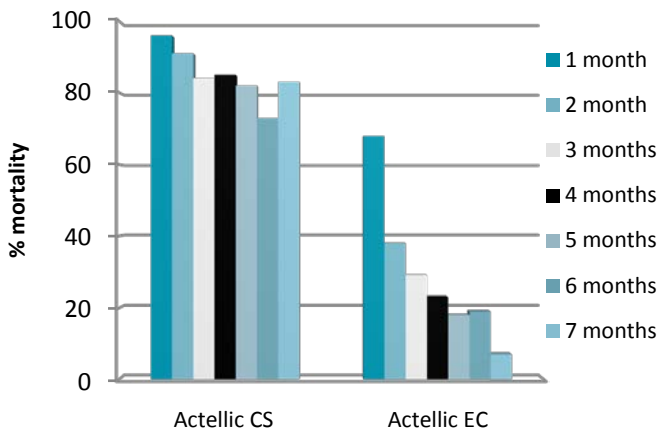
- Actellic CS is being evaluated in hut studies in: Cote d'Ivoire (Swiss TPH); Benin (LSHTM /CREC); and Tanzania (LSHTM / KCMC)
- Demonstrates greater than 6 months residual control on surfaces such as cement and mud.

Safety and acceptance

- CS technology delivers an improved safety profile – Actellic CS is WHO Class III
- Surveys indicate a high level of operator and user acceptance in field trials



Percent mean mortality of free flying *An. gambiae* (pyrethroid resistant) in mud huts treated with Actellic CS, Benin



Percent mean mortality of free flying *An. gambiae* (pyrethroid resistant) in cement huts treated with Actellic CS, Benin

