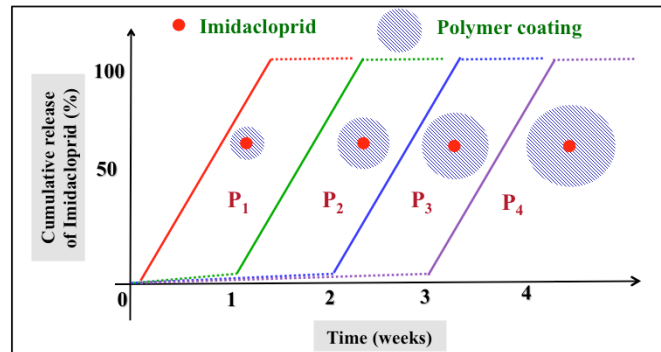


Nanoparticulate Systems For Mitigating Citrus Greening

Objective: Extend release of Imidacloprid (insecticide for psyllids) up to 4 weeks

Novelty: Cocktail formulation consisting of polymeric particles with varying thickness



Technical Information: Cocktail of biodegradable polymeric particles (PLGA) with varying thickness. Particles will be engineered such that P₁ erodes in 1 week, P₂ in 2 weeks.. P₄ in 4 weeks.

Deliverables:

- Polymeric particles loaded with imidacloprid effective against psyllids for at least 4 weeks
- Commercially viable extended release Imidacloprid formulation (Phase II)