

The history of Biological Control on St Helena

Target pest	Introduction history	Date of introduction	Success
To control insect pests			
Australia bug, <i>Icerya purchasi</i>	<i>Rodolia cardinalis</i>	1896 and 1898	Successful
Potato tuber moth, <i>Phthorimea operculella</i>	<i>Diadegma</i> sp. <i>D. surendrai</i> <i>D. mollipla</i> <i>Temelucha</i> sp. <i>Campoplex haywardii</i> <i>Orgilus Lepidus</i> <i>O. parvus</i> <i>Agathis unicolorata</i> <i>Apanteles scutellaris</i> <i>A. Subandinus</i> <i>Microchelomus curvimaculatus</i> <i>Bracon gelechidae</i> <i>Copidosoma uruguayensis</i> <i>C. Koehleri</i> <i>Eriborus trochanteratus</i>	Between 1970 and 1972	Some success, but most did not survive
Eucalyptus snout beetle, <i>Goniopteris scutellatus</i>	<i>Anaphoidea nitens</i>	1958	Successful
Mealybugs	<i>Cryptolaemus montrouzieri</i>	1971	Some success
Armyworm, <i>Spodoptera littoralis</i>	<i>Telenomus nemus</i> <i>Euplectrus plathypenae</i>	Between 1975 and 1980	Not successful
Diamondback moth, <i>Plutella xylostella</i>	<i>Oomyzus sokolowski</i>	1975	Did not survive
	<i>Diadromus collaris</i>	1999	Successful
	<i>Cotesia plutella</i>		
Jacaranda bug, <i>Insignorthezia insignis</i>	<i>Hyperaspis pantherina</i>	1993	Successful
Cabbage leaf miner, <i>Liriomyza brassicae</i>	<i>Diglyphus begini</i>	2000	Successful
Citrus psyllid, <i>Trioza erytrae</i>	<i>Tamarixia dryi</i>	2000	Successful
Citrus woolly whitefly, <i>Aleurothrixus floccosus</i>	<i>Cales noaki</i>	2000	Some success
Medfly, <i>Ceratitus capitata</i>	<i>Fopius ceratitivorous</i> <i>Psytallia concolour</i>	2002	Still dispersing
Pumpkin fly, <i>Dacus ciliatus</i>	<i>Psytallia phaeostigma</i>	2002	Still dispersing
To control weeds			
Prickly pear cactus, <i>Opuntia</i> spp.	<i>Cactoblastis cactorum</i>		Some success
Lantana, <i>Lantana camera</i>	<i>Uropleta girardi</i> <i>Teleonemia scrupulosa</i>	1971 – 1972	Some success
	<i>Diastema tigris</i>	1971 - 1972	Did not survive
Gorse, <i>Ulex europaeus</i>	<i>Sericothrips stapylinus</i>	1995	Did not survive
	<i>Tetranychus lintearius</i>	1995	Not successful