EUCLID
Europe China Lever for IPM Demonstration

PEST	EUCLID PEST MANAGEMENT APPROACHES
Bemisia tabaci, Trialeurodes spp. and associated *Begomoviruses*	Parasitoids (*Encarsia formosa*, *Eretmocerus hayati and Er. mundus) [specifically in Chinese conditions],* community ecology-based approaches, banker plants, crop assemblages/design practices, RNAi, botanical insecticides (various leaf, seed and whole plant extracts and *Citrus* essential oils), microclimate DSS to reduce pesticide use
Tuta absoluta	Parasitoids (*e.g. Necremnus tutae),* and generalist predators (e.g. *Dicyphus* spp.*)*, RNAi, banker plants, crop assemblages/design practices, botanical insecticides (various leaf, seed and whole plant extracts and *Citrus* essential oils), microclimate DSS to reduce pesticide use
Soilborne pathogens (target: Fusarium wilt agents, *Rhizoctonia solani*, *Pythium* spp.)	Genetic resistance, BCA (antagonist *Fusarium oxysporum* strains, *Pseudomonas*, *Bacillus, Trichoderma* spp-, etc.), organic amendments (compost, biofumigation), seed treatments, resistance inducers under IPM in soil and/or in soilless systems
Botrytis cinerea	Entomovectoring, microclimate DSS to reduce pesticide use, Modelling approaches for dose adjustment when using chemical pesticides, BCAs (grapevine), BCAs: *Trichoderma,* Metschnikowia (lettuce), resistance inducers (tomato)
Sclerotinia spp.	*Coniothyrium minitans*, *Trichoderma, Metschnikowia* (lettuce)
Thrips (notably *Frankliniella occidentalis*)	RNAi, entomovectoring, *Harmonia axyridis* (NOAH) *[specifically in Chinese conditions]*, banker plants
Plutella xylostella	Crop assemblages/design practices, SIT-like technique
Lobesia botrana and *Eupoecillia ambiguella*	Parasitoids (*Trichogramma* spp.), and larval parasitoid (*Campoplex capitator*). Newly developed-extracted botanical insecticides
Scaphoideus titanus	Banker plants, crop assemblages/design practices
Plasmopara viticola, Eotetranichus carpini	Modelling approaches for dose adjustment when using chemical pesticides
Erysiphe necator (grape powdery mildew), *Oidium neolycopersici* (tomato PM)	Modelling approaches for dose adjustment when using chemical pesticides*, Ampelomyces quiscalis* by means of banker plants (grapevine), resistance inducers (grapevine), resistance inducers (tomato)

This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 633999