

CO-INVESTMENT STRATEGIC INTENT: POLLINATION

PURPOSE OF FUND

A sustainable and resilient Australian horticultural sector through improved crop pollination services and pollinator options

VISION FOR FUND

Optimisation of pollination through innovation, collaboration and co-investment in relevant and impactful research and development (R&D)

OBJECTIVE OF INVESTMENTS

To co-invest with suitable partners in R&D programs to improve current pollination services and develop pollinator options to create a more productive, sustainable and profitable Australian horticultural sector

INVESTMENT THEMES

1 MANAGE EUROPEAN HONEY

1. Bee health: nutrition; pest and diseases; biosecurity and impact of chemical use
2. Floral resources: crop specific knowledge and access
3. Educating stakeholders: develop best practices and QA programs and assessing future pollination requirements
4. Collaboration amongst global stakeholders

2 OPTIMISE CROP POLLINATION EFFICIENCY

1. Crop and orchard analysis for increased and stabilised crop productivity and quality
2. Bee behaviour: understand and manage honey and native bee species, hives and practices
3. Understand chemical use, environmental and climatic barriers
4. Protected cropping: understand and optimise requirements

3 IDENTIFY ALTERNATE CROP POLLINATORS

1. Biological: identify alternate crop pollinator species
2. Non-biological crop pollinators
3. Supplementary pollination: monitoring tools and pollen dispensers
4. Develop novel technologies to increase crop pollination and develop crops less reliant on pollinators

THEME OUTCOMES

European honey bee management and pollination performance improved

Crop pollination requirements are understood and optimised

Alternate pollinators and tools developed for increased productivity

INVESTMENT OUTCOME

A resilient and prepared horticultural sector equipped with the necessary research and capacity to meet ongoing and changing pollination needs