FOOD SECURITY NEEDS BEE SECURITY

Pollinators affect 35% of global agricultural land, supporting the production of 87 of the leading food crops worldwide.* The vast majority of pollinators are wild, including over 20,000 species of bees. Australia is home to approximately 2,000 native bee species. Together with the European honey bee, *Apis mellifera,* they are keystone pollinators of our forests, fodder, flowers, fibre and food crops.

To find out how you can help protect the bees, visit **WheenBeeFoundation.org.au**

Pollination responsiveness of selected crops as a percentage of yield

Tree crops	Bee dependence
Almond	100%
Apple	100%
Apricot	70%
Avocado	100%
Cherry	90%
Citrus†	0–80%
Grapefruit	80%
Lemon & lime	20%
Macadamia	90%
Mandarin	30%
Mango	90%
Nectarine	60%
Orange	30%
Papaya	20%
Peach	60%
Pear†	50–100%
Plum & prune	70%
Broad acre crops	
Canola	15%
Cotton	10%
Soybean	10–60%
Sunflower†	30–100%

Ground crops	Bee dependence
Peanut	10%
Vine crops	
Blueberry	100%
Cucumber	100%
Kiwi	80%
Pumpkin	100%
Rockmelon	100%
Squash	10%
Watermelon	70%
Seed production	
Bean	10%
Broccoli	100%
Brussels sprouts	100%
Cabbage	100%
Canola seed	100%
Carrot	100%
Cauliflower	100%
Celery	100%
Clover	100%
Lucerne	100%
Mustard	100%
Onion	100%

* Food and Agriculture Organization (FAO), 2018.
† Depends on variety. Source: Monck, Gordon, Hanslow (2008) Analysis of the market for pollination services in Australia. Rural Industries Research and Development Corporation.

WHEEN BEE FOUNDATION