

## Appendix 3

### Honey bee dependence for pollination of selected crops

(as percentage of yield)

| Crop                    | Dependence<br>% | Crop                   | Dependence<br>% |
|-------------------------|-----------------|------------------------|-----------------|
| <i>Tree crops</i>       |                 | <i>Vine crops</i>      |                 |
| Almond                  | 100             | Blueberry              | 100             |
| Apple                   | 100             | Cucumber               | 100             |
| Apricot                 | 70              | Kiwi                   | 80              |
| Avocado                 | 100             | Pumpkin                | 100             |
| Cherries                | 90              | Rock melon             | 100             |
| Citrus <sup>a</sup>     | 30 – 80         | Squash                 | 10              |
| Grapefruit              | 80              | Water melon            | 70              |
| Lemon & Lime            | 20              |                        |                 |
| Macadamia               | 90              | <i>Seed production</i> |                 |
| Mandarin                | 30              | Beans                  | 10              |
| Mango                   | 90              | Broccoli               | 100             |
| Nectarine               | 60              | Brussels sprout        | 100             |
| Orange                  | 30              | Cabbage                | 100             |
| Papaya                  | 20              | Canola                 | 100             |
| Peach                   | 60              | Carrot                 | 100             |
| Pear <sup>a</sup>       | 50 – 100        | Cauliflower            | 100             |
| Plum & Prune            | 70              | Celery                 | 100             |
|                         |                 | Clover                 | 100             |
| <i>Ground crops</i>     |                 | Lucerne                | 100             |
| Peanut                  | 10              | Mustard                | 100             |
|                         |                 | Onions                 | 100             |
| <i>Broad acre crops</i> |                 |                        |                 |
| Canola                  | 15              | Soy                    | 10              |
| Cotton                  | 10              | Sunflower <sup>a</sup> | 30 - 100        |

Source: Monck, Gordon, Hanslow, Rural Industries Research and Development Corporation, *Analysis of the Market for Pollination Services in Australia*, May 2008, p. 2.

