| Potential effectiveness of natural enemies of apple pests |               |                 |                |                 |                 |           |                        |                |         |                          |          |                  |         |                      |
|---|---------------|-----------------|----------------|-----------------|-----------------|-----------|------------------------|----------------|---------|--------------------------|----------|------------------|---------|----------------------|
|   | Natural enemy |                 |                |                 |                 |           |                        |                |         |                          |          |                  |         |                      |
| Pests   | Earwigs       | Predatory mites | Predatory bugs | Lacewing larvae | Hoverfly larvae | Ladybirds | Predatory midge larvae | Ground beetles | Spiders | Parasitic wasps or flies | Bacteria | Pathogenic fungi | Viruses | Pathogenic nematodes |
| Apple blossom weevil                                      |               |                 |                |                 |                 |           |                        |                | •       | •                        |          |                  |         |                      |
| Apple grass aphid   | •             |                 | •              | •               | •               | •         | •                      |                | •       | •                        |          | •                |         |                      |
| Apple leaf curling midge                                  | •             | •               | •              | •               |                 |           |                        | •              | •       | •                        |          |                  |         |                      |
| Apple rust mite   | •             | •               | •              |                 |                 |           |                        |                | •       |                          |          | •                |         |                      |
| Apple sawfly  | •             |                 |                |                 |                 |           |                        | •              | •       | •                        |          |                  |         | •                    |
| Apple sucker  | •             |                 | •              |                 |                 |           |                        |                | •       |                          |          |                  |         |                      |
| Blastobasis   | •             |                 | •              | •               |                 |           |                        |                | •       |                          |          |                  |         |                      |
| Clouded drab moth   | •             |                 | •              | •               |                 |           |                        | •              | •       | •                        |          | •                |         |                      |
| Codling moth  | •             |                 | •              | •               |                 |           |                        | •              | •       | •                        | В        | •                | В       | •                    |
| Common green capsid                                       |               |                 | •              |                 |                 |           |                        |                | •       |                          |          |                  |         |                      |
| Fruit tree red spider mite                                | •             | •               | •              | •               |                 | •         | •                      |                | •       |                          |          |                  |         |                      |
| Fruit tree tortrix moth                                   | •             |                 | •              | •               |                 |           |                        | •              | •       | •                        | В        | •                |         |                      |
| Green apple aphid   | •             |                 | •              | •               | •               | •         | •                      |                | •       | •                        |          | •                |         |                      |
| Leafhoppers   |               |                 | •              | •               |                 |           |                        |                | •       | •                        |          |                  |         |                      |
| Rosy apple aphid  | •             |                 | •              | •               | •               | •         | •                      |                | •       | •                        |          | •                |         |                      |
| Rosy leaf curling aphid                                   | •             |                 | •              | •               | •               | •         | •                      |                | •       | •                        |          | •                |         |                      |
| Scale insects   | •             |                 | •              |                 |                 | •         |                        |                | •       | •                        |          |                  |         |                      |
| Summer fruit tortrix moth                                 | •             |                 | •              | •               |                 |           |                        | •              | •       | •                        | В        | •                | В       | •                    |
| Winter moth   | •             |                 | •              | •               |                 |           |                        | •              | •       | •                        | В        | •                |         | •                    |
| Woolly aphid  | •             |                 | •              | •               | •               | •         | •                      |                | •       | •                        |          | •                |         |                      |

Key: ● key natural enemy, • important natural enemy, • minor natural enemy, B introduced biological control agent