1. PaDIL Species Factsheet

Scientific Name:
Aphis fabae Scopoli
(Hemiptera: Aphididae: Aphidinae: Aphidini)

Common Name
Black Bean Aphid
Live link: http://www.padil.gov.au/pests-and-diseases/Pest/Main/136090

Image Library
Australian Biosecurity

Partners for Australian Biosecurity image library

Department of Agriculture, Water and the Environment

Department of Primary Industries and Regional Development, Western Australia

Plant Health Australia

Museums Victoria
2. Species Information

2.1. Details

**Specimen Contact:** Department of Agriculture Western Australia -

**Author:** Graham, R.


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2.2. URL


2.3. Facets

**Status:** Exotic species - absent from Australia

**Group:** Bugs

**Commodity Overview:** General, Horticulture

**Commodity Type:** General, Fresh Flowers, Fresh Vegetables, Ornamentals, Beans & Peas

**Distribution:** USA and Canada, Central and South America, Europe and Northern Asia, Africa

2.4. Other Names

*Aphis rumicis* Linnaeus

*Bean Aphid*

*Beet leaf aphid*

*Blackfly*

*Doralis fabae*

2.5. Diagnostic Notes

Young colonies consist of matt black aphids on young shoots, older colonies spread over most of the aerial parts of plant with many individuals developing white wax markings. Regularly ant attended.

Source: Blackman & Eastop 2000

Apterous adult: body rounded, 1.5-3.1 mm long, dark olive green to matt black, with a dark head, antennae, cauda and cornicles. The frontal tubercles are not well developed. Antenna are 6-segmented, terminal process 2 1/2-4 times length of base of antennal segment VI, antennal segment III without secondary sensoria. Cornicle black, cylindrical, 2 1/2-4 times as long as wide, and not longer than the cauda. Cauda is black with 3-4 pairs of lateral setae and 2-3 dorsolateral setae. Legs are light-coloured, with black at the base and tip.

Alatae: more elongated in shape, 1.3-2.6 mm long, with a shiny black head, black lateral areas and bands on dorsum of abdomen.

Sources: [http://ccvipmp.ucdavis.edu/insects/blackbeanaphid.html](http://ccvipmp.ucdavis.edu/insects/blackbeanaphid.html)

University of California Cooperative Extension – Central Coast Vegetable IPM Project
2.6. References

2.7. Web Links
HYPP Zoology: http://www.inra.fr/Internet/Produits/HYPPZ/RAVAGEUR/6aphfab.htm
Live Images: http://www.arkive.org/species/ARK/invertebrates_terrestrial_and_freshwater/Aphis_fabae/
Live Images: http://res2.agr.ca/stjean/publication/web/aphidinae8_e.htm#figure2
University of California Cooperative Extension – Central Coast Vegetable IPM Project: http://ccvipmp.ucdavis.edu/insects/blackbeanaphid.html
3. Diagnostic Images

**Alate Vivipara:** Rebecca Graham
Department of Agriculture Western Australia

**Apterous Vivipara:** Rebecca Graham
Department of Agriculture Western Australia

**Apterous Vivipara - 3rd antennal segment:**
Rebecca Graham Department of Agriculture Western Australia

**Apterous Vivipara - Cauda:**
Rebecca Graham Department of Agriculture Western Australia

**Apterous Vivipara - Frontal Tubercles:**
Rebecca Graham Department of Agriculture Western Australia

**Apterous Vivipara - last antennal segment:**
Rebecca Graham Department of Agriculture Western Australia