

## Pest Profile



**Photo credit:** Mourad Louadfel, Homemade, Bugwood.org

**Common Name:** Bean aphid; Black Bean aphid

**Scientific Name:** *Aphis fabae*

**Order and Family:** Hemiptera, Aphididae

**Size and Appearance:**

	Length (mm)	Appearance
<b>Egg</b>		
<b>Larva/Nymph</b>		
<b>Adult</b>	1.8-3.1mm	Wingless: ovoid and dark green to black in color Winged: head and thorax shiny black and abdomen green-black
<b>Pupa (if applicable)</b>		

**Type of feeder (Chewing, sucking, etc.):** Piercing-sucking mouthparts. Feeds on plant juices.

**Host plant/s:** May feed on many types of vegetables but primarily beans and sugar beets.

**Description of Damage (larvae and adults):** Bean aphids damage plants by both direct feeding and virus transmission. These aphids can transmit both beet yellow virus (BYV) and beet mosaic virus with chances of transmission increasing due to the large density in which they are found. Large numbers of

aphids feeding usually incurs an increase in honeydew, which causes sooty mold. Other feeding symptoms include leaf curl and distort followed by increased necrotic tissue.

**References:**

Natwick, E. T. (2016). Bean Aphid-*Aphis fabae*. UC Statewide Integrated Pest Management Program. University of California.

Eisman, C. (2009). Species *Aphis fabae*-Black Bean aphid. Bugguide.net.  
<https://bugguide.net/node/view/356273>