**APHID ID**

**Potato Aphid (Macrosiphum euphorbiae)**

- **Body Color:** Variations of green, pink and red with bright red eyes
- **Body Length:** 0.07 – 0.14 inches
- **Antennae:** 1 ¼ length of body, clear to dark near tip
- **Cornicles:** Long, approx. 1/3 length of body, slight bend outwards, light brown color towards tip
- **Legs:** Long and darker at tips
- **Cauda:** Long, finger shaped, light in color

**Foxglove/Glasshouse Potato Aphid (Aulacorthum solani)**

- **Body Color:** Yellow green to brown green
- **Body Length:** 0.07 to 0.12 inches
- **Antennae:** Long - 1 ½ length of body, dark banded
- **Cornicles:** Long, approx. ¼ length of body, bulge towards tip, green color with black tip, base has dark spots on body
- **Legs:** Long with dark bands
- **Cauda:** Short, light in color, finger shaped

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Credits: UCIPM Program, Koppert Biological Systems, Blackman RL and VF Eastop Aphids on the Worlds Crops
APHID ID

Cotton/Melon Aphid (*Aphis gossypii*)

- **Body Color**: Light yellow to light/dark green
- **Body Length**: 0.04 – 0.07 inches
- **Antennae**: ¾ length of body
- **Cornicles**: Short, convergent and black in color
- **Legs**: Short
- **Cauda**: Short, tongue shaped, has hairs

Green Peach/Peach Potato/Tobacco Aphid (*Myzus persicae*)

- **Body Color**: Variations of green, pink or red
- **Body Length**: 0.05 – 0.08 inches
- **Antennae**: Same length as body
- **Cornicles**: ½ length of body, swollen at tips, light green to brown color
- **Legs**: Short
- **Cauda**: Short and finger shaped

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Credits: UCIPM Program, Koppert Biological Systems, Blackman RL and VF Eastop Aphids on the Worlds Crops
**THRIPS ID**

**Western Flower Thrips (Frankliniella occidentalis)**

- **Body Color:** Light yellow to dark brown. Yellow forms usually have grey bands on abdominal segments.
- **Body Length:** 0.05 – 0.06 inches
- **Antennae:** 8 segments
- **Head:** 2 long hairs between the red ocelli. Long hairs and numerous short behind compound eyes
- **Pronotum:** 5 pairs of distinct long hairs with smaller hairs between.

**Greenhouse Thrips (Heliothrips haemorrhoidalis)**

- **Body Color:** Dark brown with light brown at tip of abdomen. Legs yellow
- **Body Length:** 0.05 – 0.07 inches
- **Antennae:** 8 segments with needle like tip
- **Head and pronotum:** Distinct hexagonal reticulated pattern. Hairs very small.

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Photo Credits: Koppert Biological Systems, UC IPM Program, Univ. of Florida Ext., World Thysanoptera Database, Thrips of California Website
**Onion Thrips (Thrips tabaci)**

- **Body Color:** Yellow-gray – dark gray. Sometimes has dark blotches on thorax and abdomen.
- **Body Length:** 0.03 – 0.05 inches
- **Antennae:** 7 segments
- **Head:** 2 short hairs between red ocelli.
- **Pronotum:** 2 pairs distinct long hairs with smaller hairs between.

**Chili Thrips (Scirtothrips dorsalis)**

- **Body Color:** Yellow orange with incomplete dark stripes on abdomen.
- **Body Length:** less than 0.04 inches (very small compared to other species)
- **Antennae:** 8 segments
- **Head and pronotum:** Row of short hairs behind red ocelli. Closely spaced line pattern. Small hairs interspersed on pronotum.
Natural Enemy ID

*Aphidius spp.*

**Adults**

- **Body Color:** Black
- **Body Length:** 0.10 inches
- **Antennae:** Long, ¾ length as body
- **Legs:** Long and light brown in color

*Aphidoletes spp.*

- **Body Color:** Black-brown-gray
- **Body Length:** 0.10 inches
- **Antennae:** 14 segments. Males very long and curled backwards with long hairs. Females shorter with shorter hairs.
- **Legs:** Long and thin
- **Key Wing Characteristic:** Lack a “Y” shaped main vein on wing that fungus gnats have.

**Larvae**

- **Form:** Contained within a ‘mummy’
- **Mummy Color:** Golden brown
- **Body Length:** 0.12 inches

- **Form:** Maggot
- **Body Color:** Orange – Red
- **Body Length:** 0.10 inches

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Photo Credits: Koppert Biological Systems, Univ. of Vermont
Natural Enemy ID

Encarsia formosa  
Eretmocerus eremicus and mundus

Adults

- **Body Color**: Females with black-brown thorax and yellow abdomen. Males all black.
- **Body Length**: 0.02 inches

- **Body Color**: Males and females yellow with green eyes
- **Body Length**: 0.03 inches

Developing Larvae (Parasitized Nymphs)

- **Color**: Black
- **Length**: 0.03 inches

- **Color**: Golden Brown
- **Length**: 0.03 inches

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Important Aphid Body Features

Don’t id your aphids based on color alone!

When in doubt send specimens for id to the Plant Diagnostic Laboratory in your state!
Thrips are very small and difficult to id to species without a microscope.

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