

Field Identification of Mealybugs on Grapes

either

or

1. Body margin without any white wax filaments. Insect often partly buried in sticky white waxy mass together with salmon-colored eggs.

Body margin with at least 2 well-developed white wax filaments present. Insects not buried in white waxy mass, eggs not bright salmon pink.

Submit sample for identification



Hibiscus mealybug

Maximum body size ●

Go to 2 (below)

2. Long, glassy hairs projecting from body. Body margin with only 2 white wax filaments, projecting from tail end.

Body without long, glassy hairs. Numerous well-developed white wax filaments present all around body margin (see pictures on next page).



Gill's mealybug

Maximum body size ●

Go to 3 (turn page)

Field Identification of Mealybugs on Grapes continued

either

3. White wax filaments projecting from rear end short, less than $\frac{1}{4}$ of body length.

Submit sample for identification



Vine mealybug
Maximum body size ●



Citrus mealybug
Maximum body size ●

or

White wax filaments projecting from rear end more than $\frac{1}{4}$ of body length.

Go to 4 (below)

4. White wax filaments projecting from rear end $\frac{2}{3}$ to 1x as long as body.



Longtailed mealybug Maximum body size ●

White wax filaments projecting from rear end $\frac{1}{4}$ to $\frac{1}{2}$ as long as body.

Go to 5 (below)

5. Poke at a live specimen until drops of body liquid are squeezed out of the body.

Body fluid red



Grape mealybug Maximum body size ●

Body fluid pale or clear



Obscure mealybug Maximum body size ●