

# ANAGYRUS

**Anagyrus fusciventris** parasitic wasp against longtailed mealybug

**product:** 25 adult wasps in a tube

**Storage:** No longer than 2 days at 10-15°C



*Anagyrus fusciventris*



*Mummy Anagyrus fusciventris*

**Appearance:** There is a clear difference between males and females within this species. Females are grey-brown in color and have bright blue eyes. The proximal part of their antennae is clearly widened. Males are black. Both sexes are about 3 mm. in size. Mealybugs that are parasitized turn into small cocoons, a little darker in color than live mealybugs. The young full-grown parasitoid emerges through an exit hole at the distal part of the cocoon, leaving the lid behind.

**Effect/Activity:** Anagyrus can be used effectively against the longtailed mealybug (*Pseudococcus longispinus*). It prefers larger instars for parasitization. Females lay one egg per host; from each parasitized mealybug one adult wasp will emerge.

**Conditions:** The lower temperature threshold for Anagyrus is 18°C. Anagyrus is effective at low as well as high humidity levels. Best time to use is March till October.

**Biology:** Parasitoid development from egg to adult takes about 3 weeks at a temperature of 25°C. Full development of the parasitoid is inside the mealybug. Adult parasitoids feed themselves by piercing young instars of the mealybugs and sucking from their bodies. By doing this they can extend their lifespan to about 2 months. This feeding behavior kills the young mealybug-instars.

**Application:** ANAGYRUS FUSCIVENTRIS can be used in interior landscapes, research greenhouses, botanical gardens, nurseries with ornamental plants and zoo's.