

HANDLING *Simulium vittatum* ADULTS

Shipping:

1. Flies will be shipped in modified, pint paper cans, with screening on one end and a double-layered entrance portal on the side. Cotton pads soaked with 10% sucrose and distilled water will be pressed and secured against the screened end of the container. Flies are typically mixed sex, unless specified otherwise.
2. The product is shipped in a disposable foam cooler with blue ice to keep the adults cool during shipping.

Procedure Upon Arrival:

1. Open the shipping package and remove the adult storage container.
2. Confirm that the moistened cotton pads are still secured to the screened end of the adult container. At room temperature, the flies will imbibe on the moisture available from these pads, it is imperative that the pads are pressed against the screened end of the adult storage container to allow contact by the flies.
3. If the flies are to be stored for any number of days, the adult container should be placed in a secondary, sealed container to help maintain a humid environment for the flies and stored in refrigeration (4°C to 8°C).

Direction for Use

1. Upon preparing to use the flies for study, remove the adult container from refrigeration 4 hours prior to usage and make sure the cotton pads are moist, but not dripping, into the container.
2. Flies can be anesthetized lightly with CO₂ to ease handling and separation.
3. Flies can be removed from the adult container individually or in small numbers with a wide variety of aspirators by entering the adult container through the entry port on the side of the adult container.