

Mosquito Surveillance Traps

- Traps are species specific and are deployed to determine mosquito type and abundance in a given locale.
- Traps are typically placed in vegetated areas out of public view.
- They run for a 16–24 hour period and are picked up the day after they are set.
- All traps are labeled with program contact information.



Dry Ice Traps are designed to collect host seeking nuisance mosquitoes, particularly the Asian tiger mosquito, *Aedes albopictus*. A thermal container holds solid carbon dioxide pellets that slowly sublimate. The insects are attracted to the CO₂, just as they are attracted to exhaling humans and animals. The mosquitoes are pulled into the net by a battery-operated fan.

Gravid Traps are designed to collect *Culex* species. Blood-fed females are attracted to stinky, organic water in the pan to lay their eggs. A battery-operated fan pulls the mosquitoes into a container inside the grey tool box. The insects are processed and sent to be tested for West Nile virus. The water in the pan is a hay or alfalfa pellet infusion and is non-toxic.

