Trap Components and Equipment Checklist

Here are the trap components and other equipment you’ll need to get started:

• Insulated one-gallon dry ice buckets and lids that include handles and chains, or something to hang it from a tree branch.
• The motorized portion of the trap (3D cell batteries are required) and plastic battery shields.
• A catch bag for each trap.
• Point of contact and information sign attached to each trap
• Hammer
• Gloves
• Nail or tool to poke the holes of the dry ice bucket freely space for air movement (a twig can also be used for this)
• Cooler to carry dry ice
• Dry ice (approximately 4lbs of dry ice per trap)
• Binder clips
• Paper towels
• Mosquito trapping forms
• Clip board
• Insect repellent

The EVS trap consists of three sections:

1. Bait bucket (insulated dry ice bucket and lid with carrying handle and chains.)
   • Insulated dry ice bucket and lid. The walls and lid are insulated with holes in the bottom for the CO₂ gas to escape. Carrying handle and chains
2. The trap mechanical and electrical components (trap battery holder, fan motor, and battery shield).
   • Trap holder and fan motor with 3 D Cell batteries mounted on unit. Mosquitoes attracted to the CO₂ gas are drawn in and downward from the airflow created by the fan. (Opening at the top of the holder and the fan blade). Also has a plastic battery shield.
   • Show on/off switch
3. Catch bag (catch bag and binder clip)
   • One fine mesh catch bag. Elastic cord keeps catch bag attached to the middle section’s trap collar.

Additional equipment

• Cooler for dry ice
• Dry ice
• Gloves
• Hammer
• Eye protection
• Point of contact and information sign (this should be attached to either the bait bucket or section with motor).