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2801A EVS Trap

The 2801A EVS (Encephalitis Vector Survey) trap, is a stand alone or stationary type of trap, using dry ice as the primary attractant. Introduced in 1979, it has been subject many changes and improvements and the current trap incorporates those changes.



The trap is packaged and shipped in a 1 gallon, non-rusting, plastic pail complete with the exception of 'D' size batteries and dry ice which is supplied by the end user. The contents include a preassembled motor, downdraft fan, lamp and battery holder, a battery weather cover and catch bag. The pail, cover, bail and jack chain are integral as part of the trap.

After unpacking, install 3 'D' cell batteries into the battery holder, and place battery cover by gently squeezing sides so that the bottom flange slips under the screw on the sides. With the clip attached to the black wire strap, attach the motor assembly to the 'D' ring attached to the bottom of the pail. Place the catch bag opening around the lower groove in the motor assembly and secure it in place by squeezing the line lock and pulling the elastic cord and pushing the lock to the motor to secure the bag. Look for a location that you can hang the jack chain from, such as a tree limb or some item that will hold the trap.

This trap is designed to used dry ice. Purchase your dry ice and if needed break it into pieces that will fit into the pail. Place the lid onto the pail and that is all that is needed. The dry ice will typically last about 4-6 hours and how fast it melts is dependent on the temperatures. As the dry ice melts, the vapors seep out the holes in the lower part of the pail. Should you need a better insulated container for the dry ice, we offer two other choices 2801D, a heavy duty urethane insulated pail and the 2811 dry ice holder. Both are manufactured to work with the 2801A EVS Trap.

