



# PITFALL TRAP VANE KIT

## BACKGROUND

The pitfall vane kit uses sturdy, corrugated plastic in the shape of vanes to be used in a bucket style pitfall trap. These are used when trapping insects that may fly as well as walk, such as: the rhinoceros beetle, *Oryctes rhinoceros*, red palm weevil, *Rhynchophorus ferrugineus*, South American palm weevil, *Rhynchophorus palmarum* and other weevil and beetle species trapped with a pitfall style trap. The vanes have a cutout to hold ISCA's specialized lure receptacle, which is larger and offers more lure options than competitors.

**PRODUCT CODE:** AR980

**PACKAGING:** Two interlocking vanes with one specialized lure receptacle

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## Pictures and Illustrations:



### STEP 1

Remove the vanes and the receptacle from packaging.



### STEP 2

Open up the receptacle and place the appropriate lure inside and then reclose the receptacle.



### STEP 3

Open the vanes so that they become perpendicular to each other and place the vanes in a bucket.



### STEP 4

Push back one of the vane flaps and place the receptacle in the slot so that it rests on vanes and is secure inside the vanes.



### STEP 5

Place the bucket with the vanes holding the receptacle in the necessary location according to the lure instruction sheet. If applicable fill the bucket with water according to the lure instruction sheet.



- If applicable, holes may need to be drilled in the bottom of the bucket to allow rain water to drain out. Please consider the size of the holes to prevent the insect species from escaping from these holes.

- If applicable, fill the bucket with the appropriate volume of water according to the appropriate instruction sheet or guideline. Please consider steps to prevent rain water from accumulating in the trap.

- If applicable, pitfall traps for some species are more effective when buried in the ground so that only the rim of the pitfall trap is exposed.

- Please consider taking steps to secure the trap to prevent it from tipping over, mainly due to wind, human or animal activity. Burying the trap or partially burying the trap, has the added advantage of securing the trap to prevent it from tipping over.

- If applicable, food attractants which are known to be attractive to an insect species can be added to the bottom of the pitfall trap. For example, sugar cane shoots, cut up into pieces, can be added to the bottom of the pitfall trap to attract the South American palm weevil, since it is known to be attracted to fermented sugar cane.

- If applicable, in areas where trap aesthetics are important or burying the trap is not suitable (such as golf courses, tourist attractions or residential areas) consider using the [AR970 ISCA Pitfall Trap](#).