

# The Ultimate Biting Fly Trap

**10,000+  
Units  
Sold**



**Reduce Biting Flies By 80%  
Cover An Average Of 20 Acres  
Kills 1lb. Of Flies Every Day  
No Messy Baits...No Chemicals  
Just Add Soapy Water!  
One-Time Investment**

## **EPPS BITING FLY TRAP**

**Catches Horse Flies, Deer Flies, Bull Flies, Green Heads,  
Yellow Heads, Black Flies and Stable Flies**

**"As a veterinarian I have found this product to be the most effective of its kind on the market today. I first saw an Epps Biting Fly Trap at a client's farm almost 10 years ago. She told me how effective it was at killing the biting flies such as those huge horse flies, deer flies, and may flies which are quite troublesome in our area. She convinced me to try it, and I was amazed at how it started to catch flies as we were setting it up. We had caught and killed hundreds of flies in the first 24 hours. Ever since I have recommended the Epps Biting Fly Trap to all of my clients. The horses even know where the trap is, and enjoy the 'Fly Free Zone'. It is also environmentally friendly since it uses no chemicals, only liquid soap and water."**

**Angela Gell Stanaway, DVM ~ Bridle Creek Veterinary Service ~ Jamaica, VA**

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# Epps Biting Fly Trap®

**How It Works:** The Epps Biting Fly Trap effectively traps biting flies by using the flies' natural behavior patterns. Biting flies are attracted to large, highly visible objects that resemble potential hosts, like cattle, deer and horses. Biting flies tend to circle the host before actually landing to bite. The Epps Trap takes advantage of these behaviors by providing a large, solid surface with transparent areas (clear plastic deflectors) representing air space under and over the animal where flies normally circle before feeding. Flies try to fly through the deflectors and bounce off, dropping into soapy water in the trays below. Dish soap in the water breaks the surface tension, causing flies to drown faster.

## SET-UP INSTRUCTIONS

**NOTE:** Four 7' T-posts (not included with trap) are required to set up this trap. These are available at your local co-op, home improvement store, or hardware store.

1. Locate large plastic black bottom trays (2) and (4) plastic black end caps. Stand bottom tray on its end and clip the side wall onto the end of the bottom tray. Slide end cap from the bottom onto the bottom edge of the tray and lightly force clips over the top of the bottom tray. Repeat on the other three sides (See Fig 1).
2. Bolt (1/4"x3/4" machine bolts) to each insert nut in the plastic bottom tray. Two bolts per side. Repeat on second tray.
3. Insert the enclosed drain plugs into the bottom of the tray (insert from the underside of the tray) (See Fig 7).
4. Attach (using 1/4"x1 1/2" machine bolts and attached lock nuts) the deflector arms that have the bent ends to the inside of the tray as shown in Fig 2. (Middle or center deflector arm only) Repeat on second tray. **NOTE:** It is easiest to attach the middle deflector arm in the "up" position, leaving the lock nuts a little loose.
5. Drive a 7' T-post vertically into the soil leaving about 5 ft. 6 inches above ground. (See Fig. 5 for measurements)
6. Set a tray on the ground with the smooth side of the T-post against the middle of one tray end, and the toothed side of the T-post facing away from the tray (Figs. 2-4).
7. With the tray against the first T-post, drive a second T-post into the soil on the opposite end of the tray. The smooth side of the T-post should be against the tray with the toothed side pointing away.
8. Adjust the height of the two T-posts so that they are as level as possible with each other (very important).
9. Attach one tray to the T-posts, about 16 inches from the top, with the included U-bolts. (See Fig. 3-4. Use the 2 holes at the middle top of the tray. U-bolt should lock on the outside of the tray between teeth of the T-post. Fasten the plate inside the tray.)
10. Level the tray by adding water (about a gallon) and adjusting the height of one end until the water evenly covers the tray bottom. Tighten U-bolts.
11. Attach the smallest target ("B") to the T-posts and the top two grommets of the two A targets with the included bar ties as shown in Fig. 5. Do not tighten down bar ties yet! Baling wire or twine can also be used to tie the targets to the T-posts. **IMPORTANT:** Bottom of target B must be 4" above the top of the upper tray.
12. Attach target C to the T-posts and two A targets with bar ties (do not tighten ties all the way yet) such that the top of target is against the bottom of the top tray.
13. **IMPORTANT:** Attach the second tray such that the bottom of target C hangs 2" into the tray (See Fig. 5). Level tray with water as in step 10 above, and tighten U-bolts.
14. Hold an "A" target stretched out at a 45° degree angle from the plane of the "B" and "C" targets. Using the "A" target as a distance guide, mark off a spot at the outside edge of the stretched "A" target, and drive another T-post into the ground until its top is level with the tops of the other T-posts.
15. Repeat step 14 with the other "A" target so that in top view, the trap forms an open "Z" shape (see Fig. 6).
16. Attach the remaining bottom grommet of "A" targets to the center T-posts, and the four outside edge grommets of each "A" target to the outside T-posts with bar tie wraps.
17. Once the trap is set up on the T-posts, slide the straight deflector arm through the clear deflector sheet on one side then attach to the notched side of the end cap. Slide the clear deflector sheet under the attached raised center arm. slide the other straight deflector arm through the clear deflector sheet and attach to notched end cap. Once both ends are attached, rotate the center deflector arm to the "down" position to cause the clear deflector sheet to become taut and smooth (like a trampoline), and tighten the lock nuts (See Fig. 3).
18. Tighten all bar ties to stretch all four targets flat.
19. Fill the trays about 2" deep with water and swirl in an ounce of liquid dish soap.

## IMPORTANT END OF SEASON MAINTENANCE

Remove the straight arm bars before you dismantle the unit. Empty and clean trays and remove tarps and deflectors. You may choose to leave T-posts in the ground for the next season. Store the clear plastic deflector sheets in a dark, safe area. This will help preserve the life of the deflector sheets.

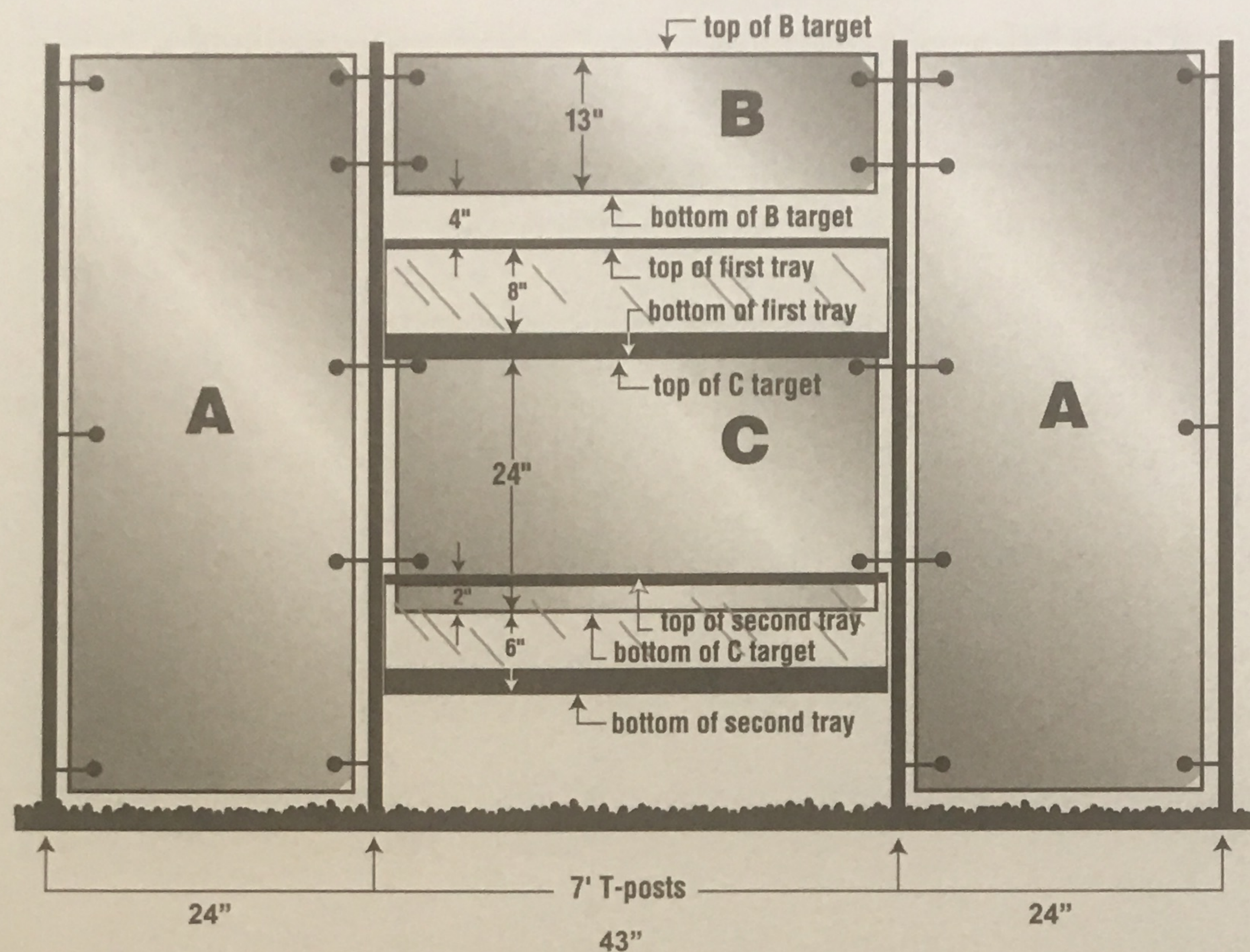
God bless, and may your Epps catch many biting flies.

Note: This trap does not work on house, barn, or face flies.



# Epps Biting Fly Trap®

**Fig. 5**

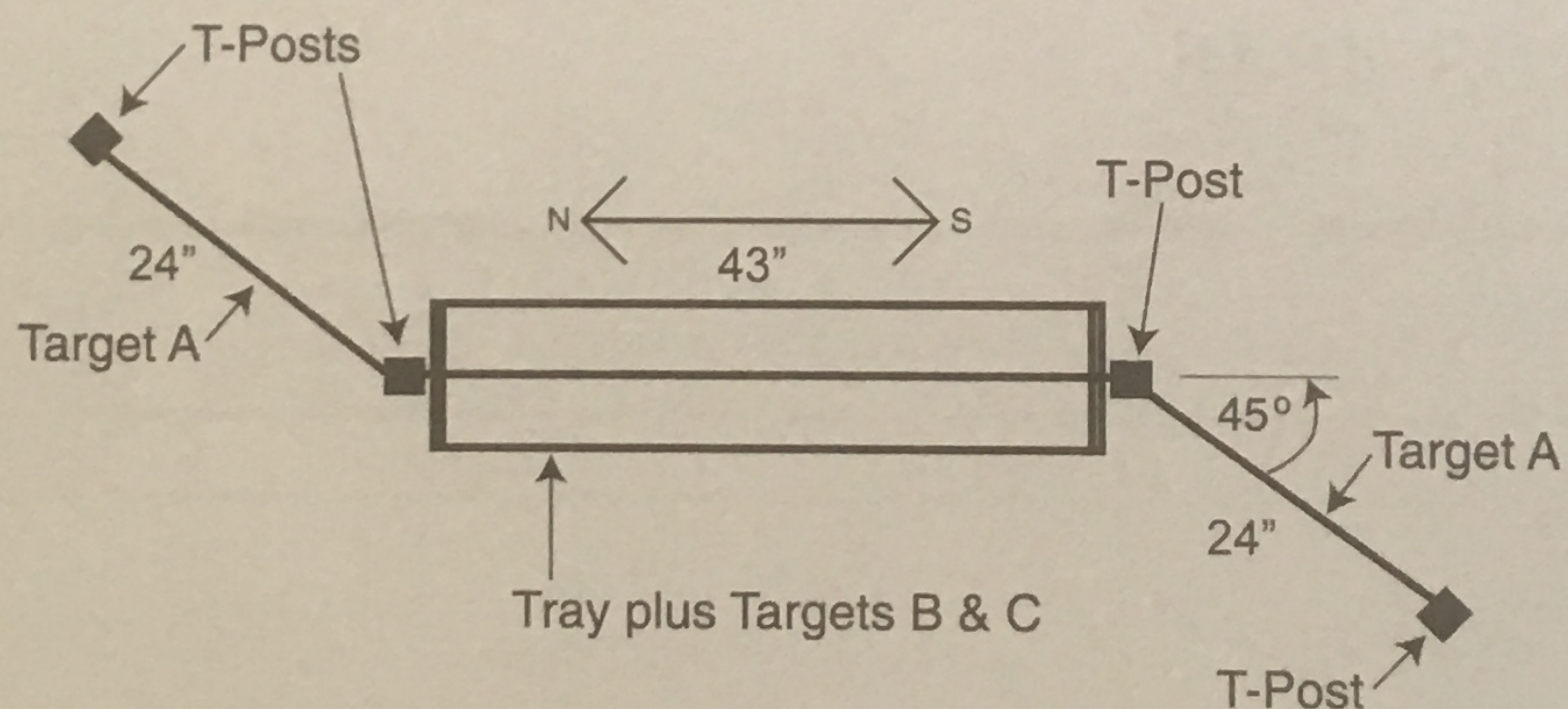


**NOTE:** Drive T-post as straight as possible. Use a level if needed.

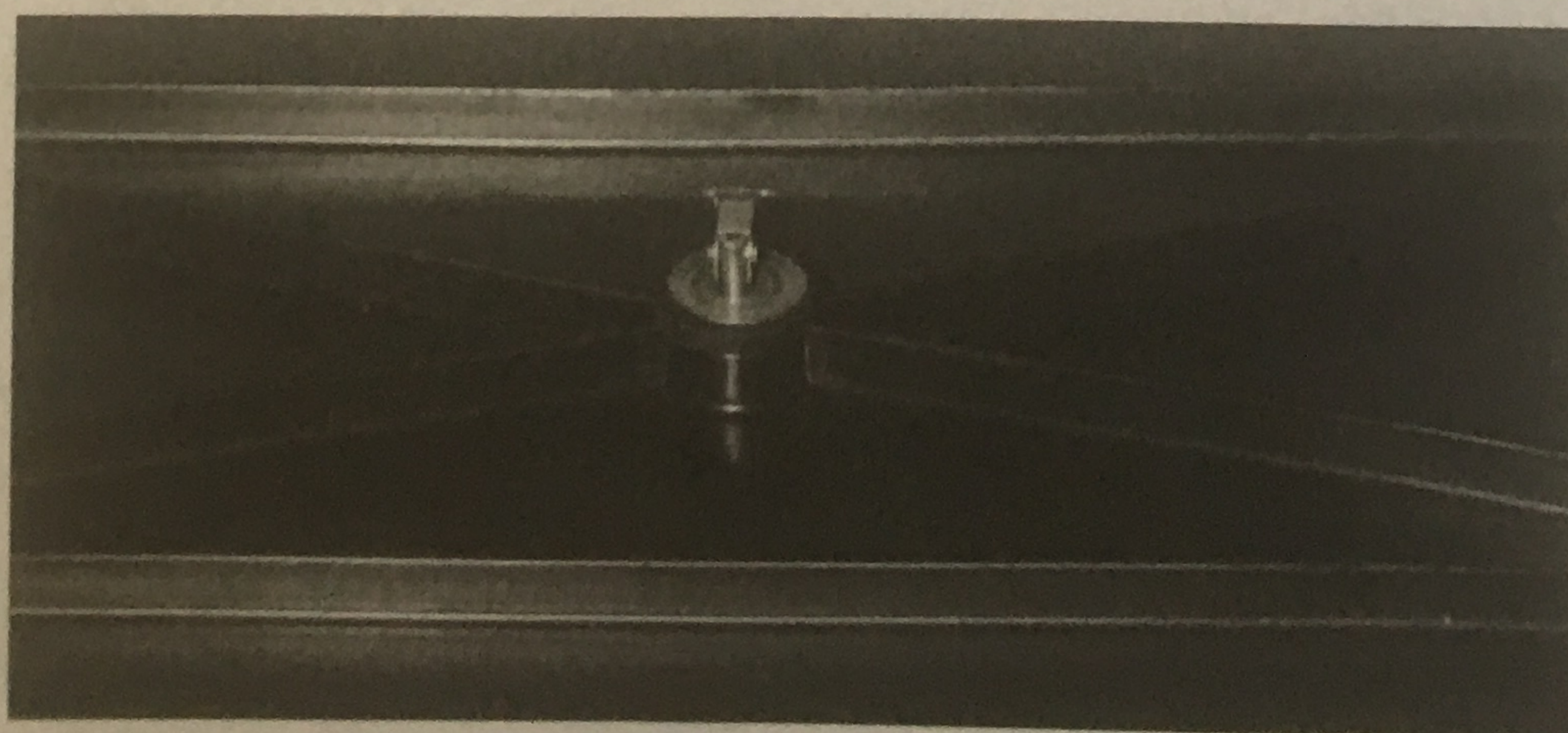
## Top View of Trap

Fig. 6

**NOTE:** It is best to set up trap with posts north & south so the one side of the trap catches from the east in the morning, and the other side catches from the west in the evening.



Drain Plug  
Fig. 7



Losen from underside.