

# Use of Snares for Capturing Coyotes

## Quick Facts:

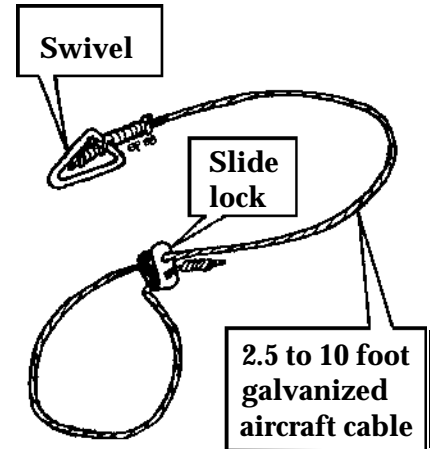
■ Snaring is an effective technique for capturing animals that cause economic damage and for harvesting furbearers. Snares placed in trails or under fences can successfully capture coyotes.

■ Sites where snares are set should be carefully selected to avoid capturing non-target animals such as livestock, deer, and dogs.

■ Snaring is a useful technique for capturing animals that cause economic loss, such as coyotes that kill livestock and beaver that cut trees or plug irrigation ditches. Snaring also is becoming popular for harvesting surplus furbearers, which are one of our renewable natural resources. Snares are highly effective for capturing target animals, but when used improperly may capture non-target animals such as deer and dogs. Snaring is the technique of setting a steel-cable loop in an animal's movement path and capturing the animal by the neck or leg. Snares usually consist of a 2.5- to 10-foot long piece of galvanized aircraft cable containing a slide lock that forms a loop in the cable (*Figure 1*). A swivel that prevents twisting and breaking of the cable should be attached to the end of the cable opposite the loop.

■ Snares present several advantages over steel leghold traps. They are lightweight, compact, simple in function, affected little by weather, easy to set, low in cost, and offer a high degree of trapper safety. In a south Texas study, snares were 10 times more selective for target species (coyotes and bobcats) than steel leghold traps. However, snares can be a greater hazard to livestock and some non-target species may be killed

Fig. 1 - Typical Snare



larly well can be constructed from a 36-inch piece of 12-gauge galvanized or 9-gauge soft wire. A "V" bend is made in the support wire about 4 inches from the end and is driven into the ground (*Figure 2*; see page 2) with a notched rod (*Figure 3*) to prevent the support from moving in the wind. The snare is wrapped around the support about three times and is held in place by a "U" configuration formed in the upper end of the snare support. The snare cable just inside the lock should be bent upward slightly so that the snare loop is not closed by the wind (*Figure 4*).

Snares should be attached to a solid object so that captured animals cannot escape. A steel 1/2-inch diameter rebar, 24 to 30 inches long (depending on soil hardness), makes a good anchor. Snares should be attached to the rebar with a strong swivel to prevent tangling and breaking. A lead cable that is at least as strong as the snare cable can

## Snare Preparation

New commercial snares and extension cables can be cleaned by boiling in detergent and hanging outdoors for a few months until they turn a dull gray. Snares also can be changed to a dull gray by boiling each dozen snares in 4 tablespoons of baking soda for one hour. Darker snares can be obtained by boiling in brown logwood crystals and dye. Afterboiling, snares should be kept

clean of foreign odors. Clean gloves should be worn when handling and setting snares.

## How To Set Snares

Snares designed to capture furbearers by the neck or leg are set directly in the animal's movement path. Snares usually are held in an animal's movement path with one of several different support systems. One support that works particu-

Fig. 2 - Driving Support Wire

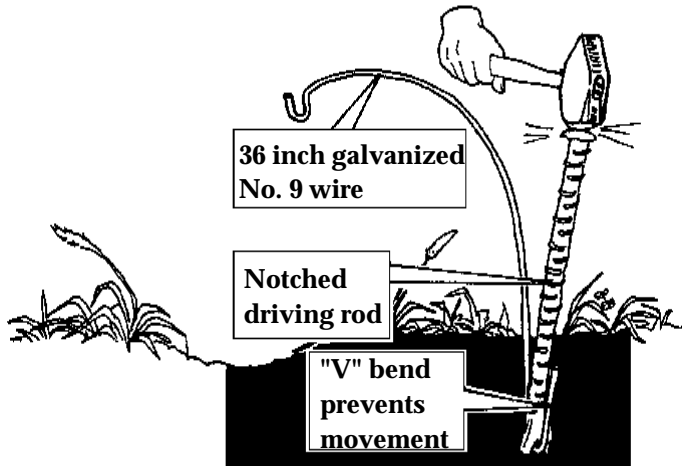


Fig. 3 - Setting Snare

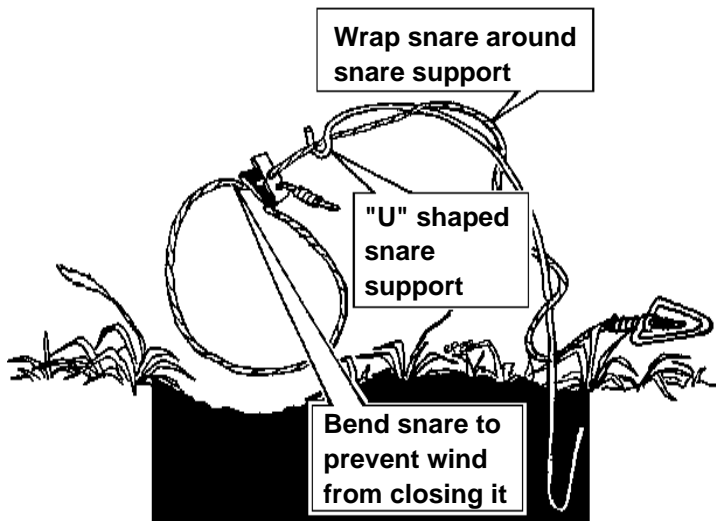
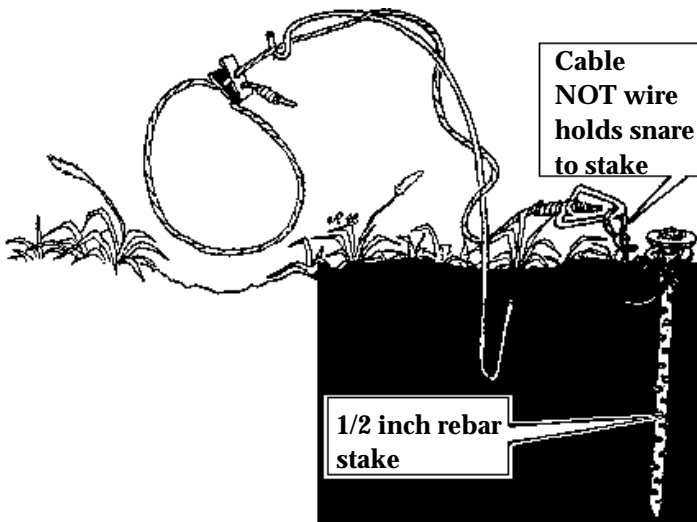


Fig. 4 - Fastening Snare to Stake



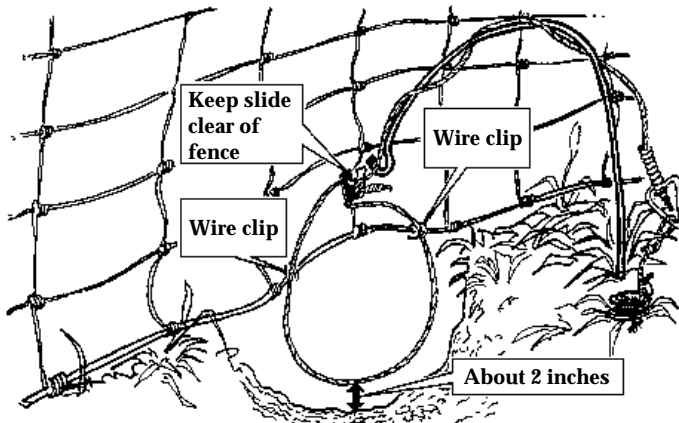
be used to attach short snares to the rebar stake. Avoid using 9-gauge wire or several strands of 14-gauge wire to anchor snares to a rebar stake because they may bend back and forth, crystallize, and break. When used for beaver or coyotes, snares also can be secured to a dead tree limb that is at least 6 inches in diameter and 6 feet long or longer.

Snares set in holes under woven wire fences can be held in place about 1 to 2 inches from the fence with the snare support system described in *Figure 5*. The snare should be set far enough away from the fence to prevent the lock from catching on the bottom wire of the fence. The bottom of the loop should be about 2 inches above the bottom of the hole. The snares can be anchored to the heavy-gauge wire on the bottom of the fence. "S" hooks or two strands of baling wire can be used to fasten the snare to bottom wire.

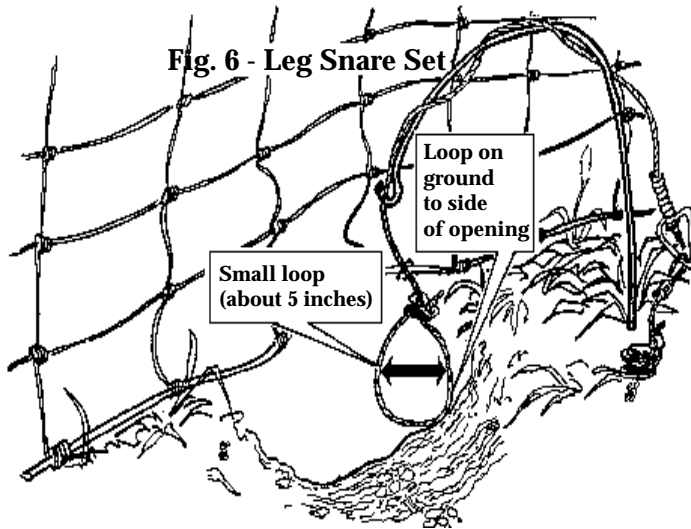
If there is a chance of catching a dog, then we recommend using a leg snare set. As shown in *Figure 6*, set a small loop about 5 inches or less to one side of the opening and set the bottom of the loop on the ground. When a coyote goes under a fence, it places both front feet firmly on the ground, sticks its head just under the bottom wire, and once its head is past the bottom wire, the coyote begins to raise its head. The idea is to set the leg snare so one front foot will pass through the snare.

Snares occasionally are placed in the field but left unset for one to two weeks. This placement allows trappers to set snares quickly when pelts become prime and reduces the human scent at the site.

**Fig. 5 - Snare Set for Woven Wire**



**Fig. 6 - Leg Snare Set**



Snares usually are set in the form of a round or oval loop. In a trial set, a round loop that is 12 inches in diameter can form an oval loop that is about 14 inches high and 10 inches wide. The following round loop diameters and heights above ground are recommended when snaring furbearers. The loop size in a hole in a fence should vary depending upon the size of the hole. (see chart at bottom of page)

**Where to Set Snares**

Animals usually follow the easiest route through heavy cover. These routes, which generally consist of trails, are excellent locations to snare furbearers. Specific locations to set snares for individual species follow.

**Beaver**

- Trails to uplands - place in water or on land along the route.
  - Trails over dams - set on top or bottom side of water.
  - Narrow creek passages.
  - Den entrances.
- Construct a 2 - 3 inch high mound with mud and apply beaver castor.

Furbearer	Type of set	Round loop diameter (inches)	Height of loop above (inches)
Coyote	Trail	9-12	10-12
Coyote	Under fence	7-10	2
Coyote	Leg snare	8-11	4
Fox	Trail	8-10	6-9
Fox	Leg snare	8-11	4
Bobcat	Trail	8-10	6-8
Raccoon	Trail	8-10	3-5
Beaver	Den, Underwater	8-11	Cover bottom of loop slightly
Beaver	Dryland trail	8-11	2-4
Beaver	Slide in water	8-11	Set bottom of loop 2 inches below water

A 5/64 - or 3/32 - inch diameter galvanized aircraft cable is recommended for snaring coyotes, beaver, and raccoons. Foxes and bobcats can be captured in 1/16 - to 3/32 - inch diameter snares.

Make a “V”-shaped fence by placing old branches vertically in the mud. The center of the “V” should be open. The “V” should point toward the mound and it should be located about 1 foot from the mound. Place the snare in the opening with the bottom of the snare about 2 inches below the water.

■ Under ice at lodges and food caches.

### Coyotes

■ Trails in plum thickets or heavy vegetation leading to a carcass.

■ Trails in the bottom of ravines.

■ Trails under fences.

■ Trails into thickets.

■ Livestock trails in vacant pastures.

■ Narrow paths inside weeds or brush.

■ Trails can be created by driving down weeds or stubble with a pickup, by walking in snow, or by mowing or using a weed eater.

### Checking Snares

Kansas Department of Wildlife and Parks regulations require that snares are visually inspected every 24 hours. Snares should be checked early in the morning to increase the probability of releasing non-target animals unharmed. All snares set in Kansas need to have a tag attached with the user’s name and address. No snares can be set in fences or within 50 feet of a public road unless set on one’s own land by the landowner.

### Methods to Avoid Capturing Non-target Animals

Sites where snares are set should be carefully selected to avoid capturing non-target animals.

1. Avoid setting snares on public lands where hunting dogs might be captured during the upland game bird seasons.

2. Avoid setting snares in pastures with livestock.

3. Avoid setting snares within 50 yards of animal carcasses to prevent capturing birds of prey and other scavengers.

4. Avoid setting snares within major deer, elk, or antelope wintering areas. These big game animals are much less susceptible to leghold traps.

5. Avoid setting snares on any trails being used by livestock, deer, elk, and other non-target animals.

Attract predators and furbearers away from trails with specific baits and lures.

6. Avoid placing a stick horizontally over the trail to encourage deer to jump or go around the snare. This method will encourage deer to lower their heads and become captured in the snare.

7. Avoid getting snares under fences where livestock, antelope, deer, or dogs are using the “crawl space.”

8. Although most dogs do not struggle a great deal in snares and most can be released uninjured, trappers should avoid setting snares near residences where dogs may accidentally be captured. Use a short snare cable to reduce injuries where accidentally captured dogs might jump over a fence or tree branch. Also avoid using entangling devices, which increase the chance of killing an animal where dogs might be captured.

9. Carry a catch pole to release dogs and other non-target wildlife.

10. Use the lightest snare lock possible, such as the Gregerson breakaway lock, to capture the desired animal. If livestock, or deer,

elk, and antelope are captured by a leg, they usually can break a light lock but may be held by heavy homemade washer locks.

11. Avoid setting snares where people can readily view captured animals.

12. Place the location and number of snares on a map so that all can be found.

13. Remove all snares at the end of the season when damage stops or when they cannot be checked frequently.

Snares are likely to remain a legal harvest tool and a legal depredation control device if they are not misused. There is no need to make a set that has high potential for capturing non-target animals. For example, most coyotes can be captured within their home which usually averages 1.5 to 10 square miles in size. Thus, select areas where non-target animals will not be captured. Before setting snares, become familiar with state wildlife regulations, learn the proper techniques, and try to accompany a proficient snareperson while setting and checking snares. By all means, THINK before setting any snare. Responsible trappers and livestock producers have an obligation to the wildlife species as well as other trappers, so do your best to avoid problems when snaring.

We have two video tapes showing how to set snares. One for coyote snaring and one for beaver snaring. You can obtain either of these through the county Extension office nearest your home.

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