

Setting Up the Transect

Texas Quail Index

Summary: Cooperator will establish a 10-mile permanent transect with markers at 1 mile intervals.

Purpose: The 11 markers will serve as observation and data collection points for the duration of the study.

Materials:

- 1) 11 t-posts (5 ½ ‘)
- 2) t-post driver
- 3) 22 plastic clips (provided)
- 4) 44 screws (provided)
- 5) 11 signs numbered “0” through “11” (provided)
- 6) screwdriver or nutdriver

Schedule: Transect should be in place no later than 15 May 2002.

Procedure:

1. Select a location that is far enough removed from a heavily traveled road so that traffic noise will not interfere with the ability of the observer to hear quail calls.
2. The route must be 10 miles long and should pass (mostly) through suitable quail habitat.
3. At 1.0 mile intervals, drive t-posts one foot deep at a point about 5 feet off the road and to the right.
4. Attach to the top of each successive t-post the appropriate marker signs (0-11). Use the plastic clips and screws provided
5. Record location and route on a USGS topographic map (preferred) or aerial photo. Send a copy to K. Cearley so that a map of the transect can be generated for future use. If a topographic map or aerial photo is not available, give as much detailed location information as possible so that the correct map can be located.
6. Record GPS waypoints for each marker if possible; record lat-longs and submit with map.