TEXAS FOREST SERVICE
The Texas A&M University System

Forest Management Sheet
WILDLIFE MANAGEMENT

http://texasforestservice.tamu.edu

Calculating a Wildlife Opening

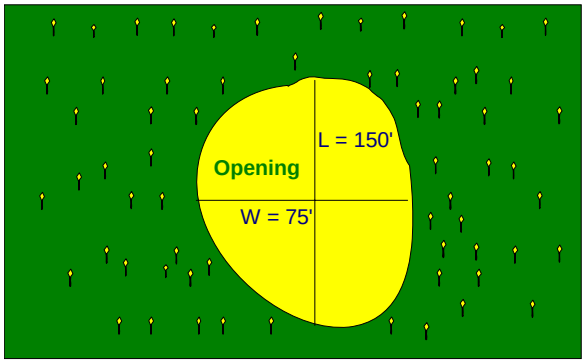
LINEAR OPENING:

Acres = $\frac{\text{length (L) x width (W)}}{43{,}560}$

Example: W = 75 feet
L = 150 feet

$\frac{150 \times 75}{43{,}560}$ = 0.25 (1/4 acre)

Computing area of an opening



FIELD CORNER OPENING:

Note: Measure along each axis (e.g. field border, fence) from corner and connect the two points.

¼ acre = 104.4 x 104.4 feet = 10,899 sq. ft.
½ acre = 104.4 x 208.7 feet = 21,788 sq. ft.
1 acre = 208.7 x 208.7 feet = 43,560 sq. ft.

MEASUREMENT & AREA CONVERSION TABLES:

Length
Foot = 12 inches = 0.3048 meters
Vara = 33.33 inches
Yard = 36 inches = 3 feet = 0.9144
Meter = 39.37 inches
Chain = 66 feet
Mile = 1,760 yards = 5,280 feet = 1.61 kilometers = 80 chains

Area
Acre = 4,840 square yards = 43,560 square feet = 0.4047 hectare
Hectare = 10,000 square meters = 2.47 acres
Square mile = 640 acres = 2.59 square kilometers = 1 section