

Example #1

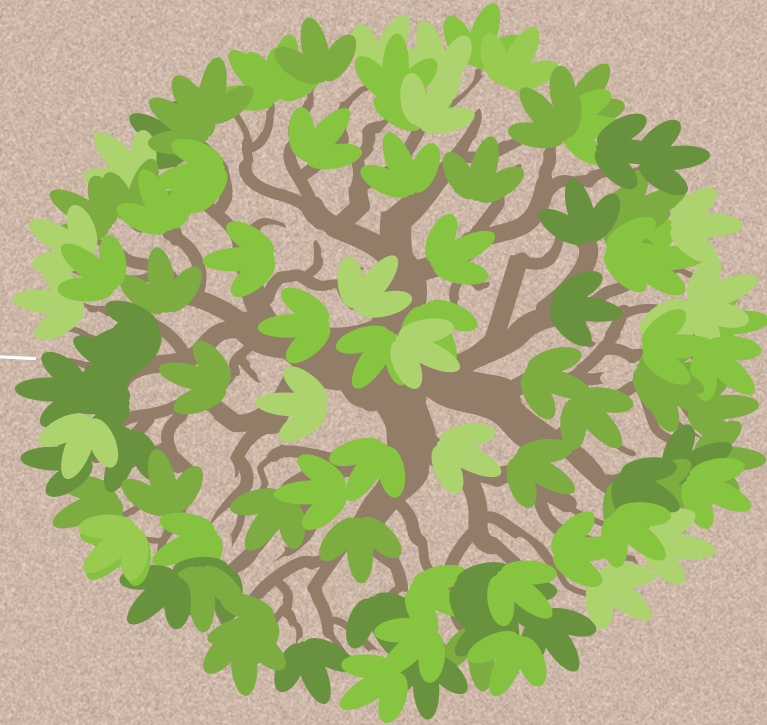
Desert Willow Tree

Expected mature width: 20 ft.

Radius (half of width): 10 ft.

Total square feet of coverage: 314 sq. ft.

1,000 sq. ft.
of grass removed



To achieve a minimum of 30% plant coverage in a grass removal area of 1,000 square feet, 300 square feet of plant coverage will need to be met.

$$1,000 \text{ sq. ft.} \times 0.3$$

$$= 300 \text{ sq. ft.}$$

A Desert Willow is expected to be 20 feet in width at maturity, which means the radius is 10 feet, or half of the width. Therefore, to get the square footage of a circle:

$$\pi \times \text{radius}^2$$

$$3.14 \times 10 \text{ ft.} \times 10 \text{ ft.}$$

$$= 314 \text{ sq. ft.}$$

The tree is expected to be 314 square feet at maturity, which meets more than 30% minimum expected mature plant coverage in this grass removal area.