

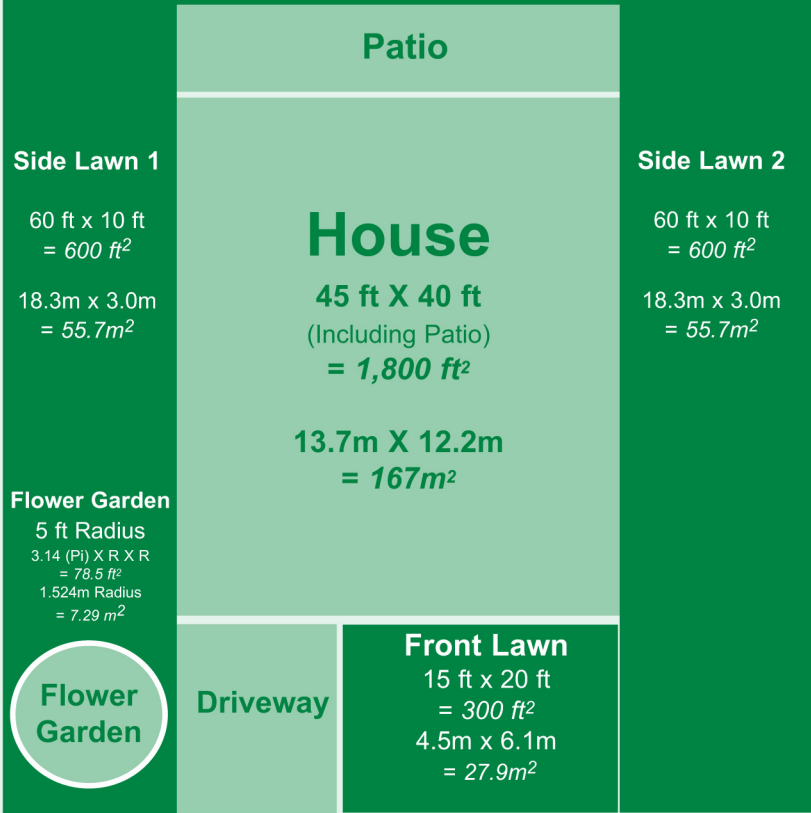
# *Measuring For Turfgrass Sod*



*How To Determine the  
Size of Your Lawn*

# Backyard

20 ft x 60 ft = **1,200 ft<sup>2</sup>**  
 6.096m x 18.288m = **111.5m<sup>2</sup>**



Note: The above measurements are intended as examples only.

<u>LOCATION</u>	<u>Sq. Feet</u>	<u>Sq. Meters</u>
Backyard	1,200	112
Side Lawn (1)	600	56
Side Lawn (2)	600	56
Front Lawn	300	28
<b><u>Total Lawn Area</u></b>	<b>2,700</b>	<b>252</b>
Less Flower Garden	(79)	(7)
<b><u>Total Turfgrass Needed</u></b>	<b>2,621</b>	<b>245</b>
Plus 5%	131	12
<b><u>TOTAL</u></b>	<b>2,752 ft<sup>2</sup></b>	<b>257m<sup>2</sup></b>

# How to Measure Lawn/Non-Lawn Areas

To calculate your actual total lawn area follow the steps noted below and do a sketch with the length, width, and any unusual features noted.

## Step #1:

Determine total square feet/meters of your property.

## Step #2:

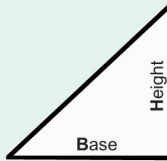
Determine total square feet/meters of your non-lawn areas not covered by grass (i.e., house, flower garden, driveway, patio, etc.).

## Step #3:

From the total square feet/meters, subtract the total "non-lawn" area to determine the area that requires turfgrass.

## Triangle

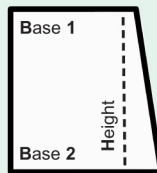
**Calculate:**  $B \times H$  divided by 2 = area.



## Trapezoid (Four-Sided non-square area)

The parallel sides of a trapezoid are called the bases. The measurement in the middle illustrated with dashes is called the average base.

**Calculate:**  $\text{Base 1} + \text{Base 2}$  divided by 2 x Height = area.



## Total Acres/Hectares

If you know the acres or hectares of your property, the conversion to square feet/meters are listed below.

*1 Acre = 43,560 square feet*

**Calculate:** Acres x 43,560 = square feet.

*1 Hectare = 10,000 square meters*

**Calculate:** Hectare x 10,000 = square meters.

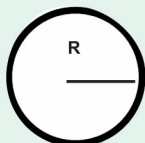
## Measuring Geometric Shapes

### Square and Rectangle



**Calculate:**  $L \times W$  = area.

### Circle



The radius (R) is half the distance across the circle.

**Calculate:**

$3.14 (\text{Pi}) \times R \times R$  = area.



## Turfgrass Sod Calculator

For our easy-to-use *Turfgrass Calculator* visit the Turfgrass Producers International website at [www.TurfGrassSod.org](http://www.TurfGrassSod.org).

Depending on the size and shape of your property it may only take 30 to 60 minutes to measure the amount of turfgrass you need. It is time well spent.

### Recommended Tools:

- Measuring tape
- Pencil
- Paper (graph paper)
- Calculator

### Additional Suggestions:

Be sure to measure carefully. Double check your measurements. Always round up or add about 5 to 10 percent extra to make sure you have enough turfgrass for angles and cuts! Better to have a few extra square feet/meters of turfgrass than to run out before you finish the installation.

