

How many rain barrels do I need?

In order to determine how many rain barrels you need you first need to determine how many square of roof will be draining to your rain barrel. Once you have determine the square footage utilize the equations below to calculate your gallons of roof runoff and the number of rain barrels you will need to capture a 1" rainfall event.

Square footage of your roof x 0.623 = gallons of roof runoff

Gallons of roof runoff / 50 = Number of rain barrels needed

Example:

Square footage of roof = 250 square feet

250 square feet x 0.623 = 155.75 gallons

155.75 gallons / 50 = 3.12 => use 3 barrels

3 rain barrels, connected in series, would be needed to capture a 1' rainfall event from 250 square feet of roof.

Free delivery is available to Town of Morrisville residents.

All sales are final.