

A large, vibrant green artificial turf lawn is the central focus of the image. It is situated in a courtyard area, bordered by a concrete sidewalk on the left and a stone building with a covered walkway on the right. In the background, there are several tall, mature trees and a clear sky. The overall scene is bright and well-maintained.

Synthetic Turf

vs.

Natural Grass

	FIFA Quality Turf	Natural Grass
Playing time	3,000 hours play per year, no rest required	680 – 816 hours per year, rest required between heavy play
Maintenance required	Clearing debris, brushing the surface, topping infill levels	Mowing, watering, fertilizing, pesticides, aeration
Revenue generation	Can be used 24/7/365 for sports, community events or other revenue generating activities	Less opportunities for events due to rest time needed between play time or inclement weather
Environment	Water savings, less pollution, no pesticides	Maintaining the natural environment, foliage and soil conditions
ROI	Payback is 3 to 4 years, 3x less expensive than natural grass over a 20 year period	Less upfront cost, slower ROI due to higher maintenance costs and fewer revenue generating events
Community use	Enhanced accessibility due to increased playtime and all weather surface	Use can be limited due to necessary rest time
Land utilization	Can achieve more use with same amount of space	Use can be limited due to necessary rest time
Sport performance	Same as natural grass	Better than low quality artificial turf
Safety	Same as natural grass	Better than low quality artificial turf



DURABILITY

Artificial Grass Accommodates:



harsh climate



rough terrain



pets



children

Amounts to 8-12 times the annual use of natural grass



**Synthetic
Turf
Benefits**



COST AND MAINTENANCE



Artificial Grass

365

Stays green all year



mud



weeds



discolored spots



bald spots

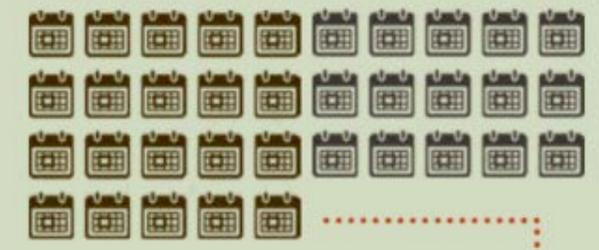
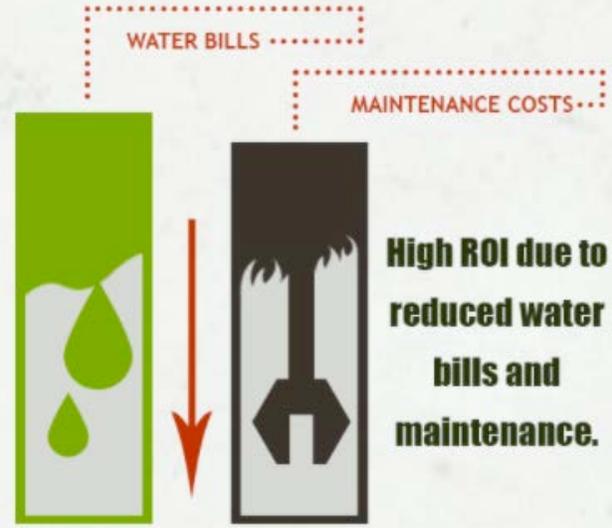


CAN BE UTILIZED 3,000 HOURS OF USE PER YEAR

3 x natural grass



PAYS FOR ITSELF IN
4-7 YEARS



LIFE EXPECTANCY 15-25 YEARS



ECO-FRIENDLY



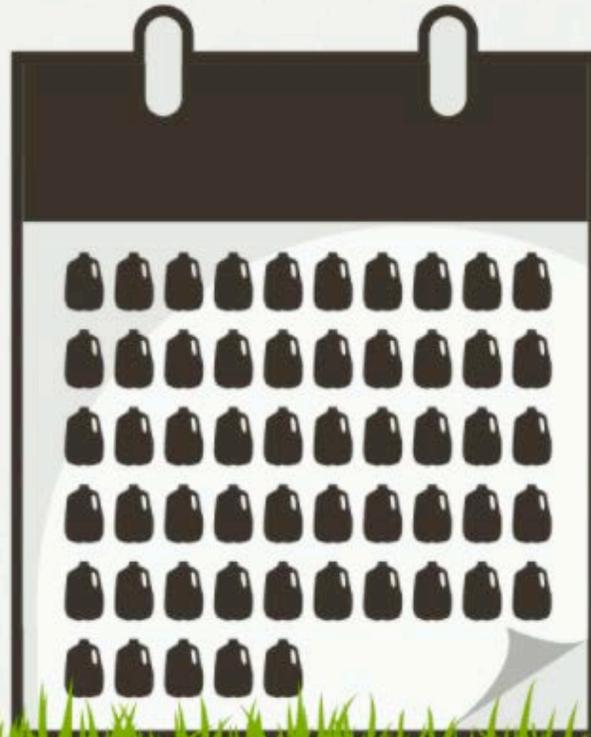
1,800 sq ft



A artificial lawn of 1800 sq ft will save you an average of 99,000 gallons of water every year.

SAVES OVER 17 MILLION GALLONS OF SPILLED GAS AND OIL PER YEAR

55 GALLONS
OF WATER SAVED PER YEAR FOR EVERY SQUARE FOOT OF GRASS REPLACED WITH ARTIFICIAL GRASS SAVES



HARMFUL PESTICIDES



FERTILIZERS

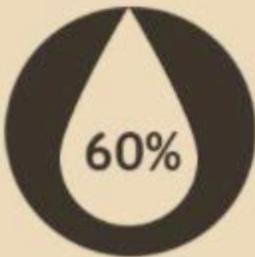
FUNGICIDES



HERBICIDES

Artificial grass eliminates the need for nearly 1 billion pounds of harmful pesticides, fertilizers, fungicides and herbicides which are used to maintain natural grass

Natural Grass



According to water experts, 60% of all water used in the summer months goes to irrigation



A lawn mower emits as much pollution in 1 hour as 11 cars



Over 17 million gallons of gas and oil are spilled each year from refueling lawn equipment—that is more oil than was spilled by the Exxon Valdez



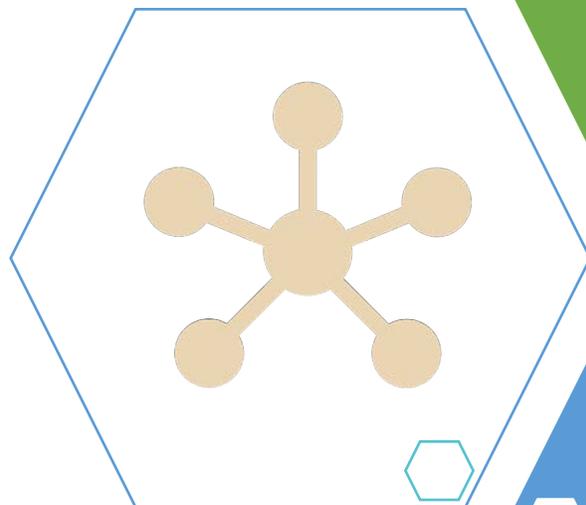
Grass clippings are the 3rd largest component of municipal solid waste



Runoff of toxic pesticides and fertilizers is a major cause of water pollution



ALLERGIES



TERMINATE
PESTICIDES



MINIMIZE
DUST

ELIMINATE
GRASS
POLLEN



RESOURCES

<https://www.syntheticurfCouncil.org/>

<https://www.syntheticurfCouncil.org/page/Research>

<https://www.actglobal.com/research/STC-SyntheticTurf360.pdf>