

HOMEOWNERS PLEASE BE AWARE!

(These comments are based on studies done by ASU and other groups for the Phoenix area.)

In direct sun, the temperature of artificial grass can reach 180 degrees on a 100-degree day in Phoenix and can become as hot as asphalt at our high temperatures.

Artificial grass may increase the required amount of water use of other plants in the area and due to additional heating of the soils and the environment, damage their root systems.

Artificial grass around saguaros or other cacti can cause damage from radiant heat.

There may be no water savings, as the grass itself may need sprinkling to lower the temperature. An increase in the water needs of surrounding trees and plants will rise. Grass should be washed down once a week or more often if pets will be using the artificial grass space.

It's recommended that the grass be placed where it can be shaded.

Plastic objects placed on the grass have been known to melt.

Studies are still being done on the safety of the environment from the gases being released from the grass as it begins to breakdown.