



Primary Characteristics of SynLawn Fescue

Soy Based Backing: Over 70% of the petroleum based polymers are replaced with natural oils from soybeans. This reduces dependence on foreign oil by decreasing the use of imported petroleum-based products. It creates a higher demand for soybeans, a plant which improves air quality by consuming CO₂ from the atmosphere as it grows.

Permeability: SynLawn products with soybean backing are completely permeable and drain at a rate of 8" to 10" per hour, vertically draining more water back into the soil.

Utilizes Recovered Resources: Coal ash is used in the product for added strength and dimensional stability. (Common filler used in PVC pipe)

Utilizes Recycled Products: SYNLAwn also uses recycled components. The secondary backing contains a high percentage of recycled content, using PET from plastic drink bottles. On average, four plastic bottles are used per square yard of turf.

Polyethylene terephthalate (PET) is the most widely recycled plastic in the world. (Source: International Bottled Water Association)

Heat Block Technology: SynLawn's HeatBlock Technology lowers rising temperatures by reflecting sunlight, thus reducing heat build-up and thermal emissivity. It incorporates infrared reflective pigments that help dissipate heat build-up and reduce fiber emissivity by as much as 20% cooler than similar artificial turf products.

Reduces Pollution: Reduces carbon emissions for lawn maintenance equipment.

A 3.5 horsepower, gas-powered lawnmower releases the same amount of air polluting emissions in one hour as a new car driven 340 miles. (Source: South Coast Air Quality Management District).

Reduces Pesticides/Fertilizers: Natural grass requires fertilizer, which could contaminate water supplies. According to the Cal-Berkeley Laboratory for Manufacturing and Sustainability, the carbon footprint associated with fertilizing one natural grass sports field is the same as 204 – 306 pounds of CO₂ equivalent.

Water Use in Manufacturing Process: One gallon of water is used to produce 1 square yard of synthetic turf. **Example:** To produce 825ft² of turf, 91 gallons of water would be used. Real turf would require over 4,000 gallons per month.

Additional SynLawn Characteristics:

- 100% recyclable
- 15 year warranty
- Green Building & LEED Certified