

Topdressing Turfgrass

Summary

- Rate of Placement: ½" to ¾" deep
- Rubber Type: Cryogenic or Ambient or Cryogenic, #16 mesh to ¼-inch
- Tires Used: 1.2 tires per square yard
 - Example: For a 360-foot by 160-foot (57,600-square-foot) football field, 7,700 scrap tires could be used



- Advantages
 - Increased turfgrass wear tolerance, even under intense traffic
 - Reduced soil compaction (maintains aeration)
 - Improved water absorption of soil
 - Extended turfgrass recovery/growing season due to warmer soil temperatures in spring (shading effect of thicker turfgrass in the heart of the growing season negates this effect during summer)
 - Softer, more resilient playing surface
 - Improved surface drainage
 - Requires less maintenance
 - Lower LIFECYCLE cost than plain turfgrass
 - Beneficially utilizes waste tires

- Disadvantages
 - Lack of awareness (general public, athletic personnel, and public officials)
 - Higher initial cost than plain turfgrass without topdressing

In addition to having lower lifecycle costs, topdressing increases the wear tolerance (more resilient surface), improves soil aeration, improves water absorption of soil, extends the growing season of the grass, provides a softer playing surface (reduced injuries), improves surface drainage, and requires less maintenance. This type of application utilizes approximately 1.2 tires per square yard.

- Sources
 - www.permalife.com/SportsFillProducts.asp
 - www.rubbernuggetsales.com/topdressing
 - www.earthbound95.com/CrownIII.htm

