

Chart comparing Grass v Plastic

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Deep research, especially over the past couple of months, indicates that the following information is fairly close to reality.

Comparing the Dangers and Risks

ORGANIC GRASS v. PLASTIC TURF

(!! Annual Playable Hours are the same !!)

Now is the Time to Think and Compare, and then to Choose Wisely, because
Our Choice will affect everyone in our community in one way or another for generations to come.

<p><u>TOXICITY</u> Plastic is Toxic and gets much more toxic by Heat and UV Freezing/Thawing Hard Rain/Wind Impact & Friction, causing toxic outgassing and microplastics. Are we really willing to put our children at such risk???</p> <p><u>Organic Grass</u> is completely non-toxic</p>	<p><u>HEAT</u> Plastic fields get very hot: 121 degrees F. which makes them much more TOXIC! Imagine jumping into a 86° pool... Now imagine jumping into 121°! Now imagine what 121° does to the plastics molecules.</p> <p><u>Organic Grass fields</u> stay cool and are completely non-toxic.</p>	<p>Playing on <u>Plastic fields</u> causes roughly 30% more Injuries than on <u>Grass fields.</u> ???</p> <p><u>Again:</u> Are we really willing to put our children at such risk ??? ???</p>	<p><u>SANITATION</u> <u>Blood, Sweat, Spit</u> <u>Plastic fields</u> pose great risk of viral and bacterial contamination. Using Antiseptics pose additional threat to the health of our youth.</p> <p><u>Grass fields</u> are the perfect natural antiseptic, filled with beneficial organisms that kill bacteria & viruses.</p>	<p><u>COSTS</u> Full accounting for a 16-year cycle shows that <u>Plastic fields</u> cost roughly 30% more than organic Grass fields. ??? Now we need true full costs comparison between Grass and Plastic</p>	<p><u>RECYCLING</u> After 10 years, <u>Plastic fields</u> turn into many tons of trash, and no recycling yet. When/if it comes it will be very, very costly, and very polluting. ??? <u>Grass fields:</u> 100% recycling, continuously = <u>Zero waste.</u></p>	<p><u>CO₂ POLLUTION</u> <u>Plastic fields</u> cause massive CO₂ pollution, cradle-to-grave</p> <p><u>Grass fields</u> cause Zero CO₂ pollution! In fact, Grass fields absorb many tons of CO₂ from the atmosphere.</p>	<p><u>NITROGEN POLLUTION</u> Cradle-to-Grave, this <u>Plastic turf</u> causes massive Nitrogen pollution in soil, water, air.</p> <p>Modern Organic <u>Grass fields</u> will leach <u>Zero Nitrogen</u> into our water and our ponds.</p>