



## Turf V. Natural – Cost & Usage Analysis

Installation Cost			
Item	Natural Grass Field	RamTurf Field	Your Field
Base Installation	\$187,000	\$215,000	
Surface Installation	\$200,000	\$450,000	
Surface Expected Life	5 Years	10+ Years	
<b>Initial Cost Total</b>	<b>\$387,000</b>	<b>\$665,000</b>	
Maintenance Cost			
Item	Natural Grass Field	RamTurf Field	Your Field
Aerating	\$600	\$0	
Fertilizer	\$3700	\$0	
Irrigation	\$5,800	\$0	
Labor	\$20,500	\$1,000	
Mowing/Fuel	\$1,700	\$200	
Paint Striping	\$2,900	\$0	
Pesticides	\$1,400	\$0	
Re-Sprigging	\$2,800	\$0	
Re-Sodding	\$0	\$0	
Seeding	\$2,200	\$0	
Annual Total	\$41,600	\$1,200	
<b>10-Year Maintenance Total</b>	<b>\$416,000</b>	<b>\$12,000</b>	
Event Relocation Cost			
Item	Natural Grass Field	RamTurf Field	Your Field
Field Rental	\$1,400	\$0	
Transportation to Alternate Site	\$900	\$0	
Estimated Loss of Gate	\$1,700	\$0	
Estimated Loss Concessions	\$4,600	\$0	
Annual Total	\$8,600	\$0	
<b>10-Year Event Relocation Total</b>	<b>\$86,000</b>	<b>\$0</b>	
Hours Usage			
Item	Natural Grass Field	RamTurf Field	Your Field
Hours Available Annually	400-1000	Available 24/7	
Annual Estimated Hours Usage	600 hours	3,000 hours	
10-Year Estimated Hours Usage	<b>6,000 hours</b>	<b>30,000 hours</b>	
Cost Summary			
Item	Natural Grass Field	RamTurf Field	Your Field
Initial Cost	\$387,000	\$665,000	
10-Year Total Cost	<b>\$889,000</b>	<b>\$677,000</b>	
10-Year Cost Per Hour Usage	<b>\$148.17</b>	<b>\$22.57</b>	

Other Considerations:

- Many natural grass fields are used significantly less than the 600 hours of estimated annual usage.
- Many schools use their synthetic turf fields to generate revenue.
- Many synthetic turf fields exceed the 10-Year life without being replaced.

