

**Table 3.** School Summary Table

School	Primary Sports	Motivation	Notable Features	Take home lessons
<p>Mt. Greylock High School</p> <p><i>Natural Grass (Current)</i> <i>Synthetic/ BrockFill (Proposed)</i></p>	<p>Soccer, football, Lacrosse, gym class</p>	<ul style="list-style-type: none"> <li>Funding for synthetic field was a gift from Williams college</li> <li>Desire to improve field quality and to extend season</li> </ul>	<ul style="list-style-type: none"> <li>Drastically improved conditions with grass maintenance program &amp; PJC Organics; still consider the synthetic turf field a good choice.</li> <li>Vote delayed but pending. Project is likely to pass</li> <li>Plans to test runoff from field after installation</li> </ul>	<ul style="list-style-type: none"> <li>A solid maintenance program for natural grass and reduced use allows high quality grass fields</li> <li>Frequent runoff testing</li> </ul>
<p>South Hadley High School</p> <p><i>Greenfields carpet, crumb rubber infill (installed 2016)</i></p>	<p>Soccer, Field Hockey, Football, Lacrosse, public use, soccer clinics, youth soccer</p>	<ul style="list-style-type: none"> <li>Reduce overuse of field</li> <li>Poor drainage resulted in poor field quality</li> </ul>	<ul style="list-style-type: none"> <li>Maintained by Dept. Parks &amp; Rec. not school</li> <li>Cost savings achieved due to limitations on design</li> <li>Open to public</li> <li>No disinfection procedures for field</li> <li>Adjacent wetland contributes to saturated field conditions</li> </ul>	<ul style="list-style-type: none"> <li>Replacement costs (1/2 installation budget) in Department budget</li> <li>Schedule for rotating natural grass field use (one season of no use)</li> <li>Proper maintenance equipment makes life easy</li> <li>Injuries and infections should be reported and tracked</li> </ul>
<p>Dracut Senior High School</p> <p><i>Synthetic carpet, BrockFill (installed 2020)</i></p>	<p>Soccer, field hockey, football, lacrosse</p>	<ul style="list-style-type: none"> <li>Reduce overuse of field</li> <li>Improve field quality</li> </ul>	<ul style="list-style-type: none"> <li>Not used for full season due to COVID</li> <li>Two fields installed</li> </ul>	<ul style="list-style-type: none"> <li>Maintenance duties are reasonable and doable with proper training</li> </ul>
<p>Falmouth High School</p> <p><i>Greenfields carpet, crumb rubber infill (installed 2019)</i></p>	<p>Soccer, Football, Band, Gym class, Lacrosse</p>	<ul style="list-style-type: none"> <li>Create regulation-sized football field on campus (were using off-campus location)</li> <li>Free up remaining grass fields for use and more successful maintenance.</li> </ul>	<ul style="list-style-type: none"> <li>Unexpected benefit was the use of field for PE and band practices.</li> <li>Process was long and controversial (financially and environmentally), not in zone 2 or wetland jurisdiction</li> <li>Town voted to OK the field after a study showing that either one synthetic turf field or multiple new grass fields were necessary to support the high usage.</li> </ul>	<ul style="list-style-type: none"> <li>Consider weighted usage estimates based on intensity of sport</li> <li>Involve public to get most favorable outcome</li> <li>Look at fields in context of town-wide recreational capacity, not just at the school</li> </ul>