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Athletic field construction manual

National Turfgrass Evaluation ProgramA Decision tools: Construction and maintenance: 50Å°F Select LanguageArabicChinese (simplified) DutchEnglishFrenchGermanItalianPortugueseRussianSpanish This website uses cookies to improve your browsing experience. We also use third-party cookies that help us analyze and understand how you use this website. By continuing to use this website, you agree to the use of these technologies. FOR MORE Athletic Field Sprinkle carpet Maintenance practices Your sports field sees its share of wear. The more people are on your field, the more stress will endure. In order to keep your field look good, you need to give it some love! Odeys has put together an information sheet for our gardeners and friends in the maintenance sector. We hope you will find it useful while working to make your field a safe place where fans and athletes can gather! Guidelines for football fields The football and football fields are unique as they require more grassy areas than most sports. In order to maintain your field a healthy and beautiful aspect, we recommend a series of practices. We hope you will find this resource as useful as we! Football/Soccer Field Safety Checklist Sometimes it's hard to track all the things you need to do to keep your field on your A game. Odeys composed a checklist so you don't have to do it! Please download our list and use it as you work to make your space preform to its best! Baseball / Softball Field Guidelines Baseball and Softball Fields require special attention. In order to maintain your field a healthy and beautiful aspect, we recommend a series of practices. We hope you will find this resource as useful as we! Baseball / Softball Field Safety Checklist Sometimes it's hard to track all the things you need to do to keep your field on its A game. Odeys composed a checklist so you don't have to do it! Please download our list and use it as you work to make your space preform to its best! Drawing techniques These simple diagrams should help you with your drag patterns for baseball/softball fields. Odeys «The Field Experts» wishes to thank the following people for the information they have provided to us to help create these guidelines. It is with many hours of dedication and passion that these guidelines are made possible to each of you. A special thanks not only to these people, but also to all those who share daily information in our sector, throughout the country. Sports fields: A manual for design, construction and maintenance, a book by Jim Puhalla, Jeff Krans and Mike Goatley Jeff Fowler, Penn State UniversityDave Minner, Iowa State UniversityBrad Jakubowski, University of Nebraska in Lincoln Michael Cippera, Odeys Field Experts Patrick Dunning, Odeys Field Experts The disappearance of many natural grass fields is in the initial construction or ongoing renovation works. Course.Because of budget constraints, they are temporary and will cost more in the long term. Sports fields well built with proper maintenance will provide the type of play surface that many parents, coaches and players want. Construction and renovation should start with selecting an experienced entrepreneur - someone with experience in designing and building sports fields, which has a good portfolio with references and can be a certified field builder (CFB). A good first step for the construction and refurbishment of the field is to ensure that the field has the crown and the correct slope. This is where the dollars should be spent in any project because if the surface drainage is lacking, everything else is lost. Corone and slopes are equally important whether your field is built with native soils or with modified soils, whether it has a sandy cap or a sandy base. Drainage (surfaces and interiors) is essential for a successful natural grass field. The choice of the best crop land for rootzone of the grassy lawn is also fundamental for the health of the field. The soil can be made up of native soil (modified or not) or sandy rootzone. The structure of the soil determines the degree of drainage (superficial and internal), the ability to retain water and the ability to retain nutrients Irrigation may or may not be a luxury and should be strongly considered for the duration and safety of natural grass fields. There are many different types of irrigation to consider, some more efficient than others. Types of irrigation and design must be based on the source and pressure of water, on the number of fields or areas, on the region of the country and on the type of cultivated grass lawn. Regardless of the type of irrigation, carry out regular irrigation checks to ensure the uniform distribution and be efficient in the use of water. Bad irrigation management will lead to other problems such as hot spots or diseases. The selection of grass species is also an important component when building or renewing natural grass fields. Consider the varieties of grassy lawn that offer good resistance to diseases and wear tolerance. The national program of assessment of the turf provides information on the performance of various species of turf and cultivar. If irrigation is not possible, select the species of drought-resistant grass lawn. The Turfgrass Water Conservation Alliance heads species of weed for drought tolerance and sends individual varieties that exceed the test. It is always necessary to take into account the species and varieties of grass for the purpose of proper conservation of the waters. When building or renewing sports fields in natural grass, it is important to follow the guidelinesfield design and build. The final result will be a sports field that will work as expected with proper maintenance. Parents, players and coaches can enjoy a natural and safe game surface. Additional information on the construction and renovation of sports fields can be found in Sports Fields: A Manual for Design, Construction and Maintenance by Jim Pulhalla, Jeff Krans and Mike Goatley or viaLocal sports field contractor or state extension office. Construction costs for various types of sports field surfaces for a more complete understanding of what is involved with the construction cost of a natural or synthetic field, please view the STMA Guide to Synthetic and Natural Turfgrass for Sports Fields. Natural with native land on site (no top land added or slab) ð ~ \$ 0.60- \$ 1.50 per sq. Ft. Natural turfgrass with native soils ð ~ \$1.50- \$3.00 per ft. Natural with sand hood is ð ~ \$ 2.75- \$ 4.00 per ft. Natural with sand and drainage ð ~ \$5.50-\$8.00 per ft. Synthetic filling systems (carpet, filling and base) ð ~ \$6.00- \$10.25 per ft. 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