STANDARD GUIDE SURVEY FOR CONSTRUCTION AND MAINTENANCE OF SKINNED AREAS ON SPORTS FIELDS.

The Technical Committee of the STMA has offered the support through its membership to assist the ASTM (American Society for Testing and Materials) to develop standard guidelines for the construction and maintenance for Athletic Skinned Areas. These standards will pertain to not only skinned areas for baseball and softball, but any soil only athletic surface where soil stability, drainage, playability and safety is of concern. I would appreciate your assistance in the development of these standards by first filling out the enclosed survey and returning it to: Guise & Associates, 515 W. Commonwealth Avenue #215, Fullerton, CA, 92632.

SKINNED AREA SURVEY

1. Check one
   _____ Baseball  _____ Softball (use two forms if you maintain both types of fields)

Have you had your soil in the skinned areas of your fields tested for particle size and distribution? If yes, complete the following by percent or enclose lab report with survey.

<table>
<thead>
<tr>
<th>List area(s)</th>
<th>Very Coarse</th>
<th>Coarse</th>
<th>Medium</th>
<th>Fine</th>
<th>Very Fine</th>
<th>Silt</th>
<th>Clay</th>
</tr>
</thead>
<tbody>
<tr>
<td>in field, mound, baselines, etc.</td>
<td>2 - 1 mm</td>
<td>1 - .5 mm</td>
<td>.5 - .25 mm</td>
<td>.25 - .10 mm</td>
<td>.10 - .05 mm</td>
<td>.05 - .002 mm</td>
<td>&lt;.002 mm</td>
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</tbody>
</table>

For each soil described above, indicate whether you consider the soil to be (a) very good, (b) good, (c) fair, (d) poor, (e) very poor. Describe limitations for each soil, such as “too sandy,” “too clayey,” “too hard,” “dusty,” “poorly drained,” etc.

2. Do you use the same soil mix for your skinned areas between first and third base as well as the pitchers, catchers and baseline areas?

3. Check the box or boxes that best represent the field design at your facility. For multiple fields, place the number of fields in the boxes.
   ______ Entire field soil  ______ Entire infield soil, outfield grass  ______ Grass infield only
   ______ Grass field w/skinned area  ______ Artificial field w/cut outs  ______ Other surface (Specify)

4. List in order of importance, the criteria necessary in selection of material for skinned areas. (List in order of 1 being most important)
   ______ Drainage (surface)  ______ Drainage (Sub-surface)  ______ Color
   ______ Traction (Players’ footing)  ______ Particle size/distribution  ______ Ease of grooming
   ______ Moisture retention  ______ Depth of profile require  ______ Other criteria (Specify)

5. List the depth and soil mix used in the construction of:
   ______ Pitchers’ area
   ______ Home plate area
   ______ Skinned areas

6. Which areas are the most difficult to maintain? (List in the order of 1 being the most difficult)
   ______ Pitching area  ______ Batters’ boxes  ______ Catchers box
   ______ Baseline (home-first, third-home)  ______ Base sliding areas  ______ Base lead-off areas
   ______ Skinned area (first-third base)  ______ On deck circles (soil only)

7. Check off equipment used to maintain and groom your skinned areas.
   ______ Scarifier drag (Nail drag)  ______ Float, leveling drag (Straight edge)
   ______ Other drags  ______ Rakes
8. What materials are used to maintain your skinned areas? (e.g., sand, clay, calcined clay, diatomite, moisture absorbent material)

9. Do you water down your skinned areas prior to play?  ___ Yes  ___ No
   If yes, what criteria do you use to make this decision? __________________________________________
   How much water will you apply? ____________________________________________________________

10. How do you apply the water? (i.e., water truck, hose, irrigation in ground, quick coupler)
    ______________________________________________________________________________________

11. Where are your hose water sources located around your field? (indicate if water not available)
    ______________________________________________________________________________________

12. What process if any is used in the repair of pitchers and home plate areas?
    ______________________________________________________________________________________

13. How do you protect your skinned areas from excessive water? ____________________________________

14. How do you protect your field from excessive wear? ___________________________________________

15. How much use does your field receive? ___ # of events ( ___ week ___ month) ___ hrs/day
   used for sports

16. What other events take place on your baseball and softball fields? ____________________________

17. Draw your skinned area drainage profile, if possible, and include materials used, depth of materials
    and distance to drain lines.

18. What is the primary level of play on your field? (If multiple fields, indicate # in each category)
    ___ Professional ( ___ Major ___ Minor league) ___ Professional (Training Center)
    ___ College ___ Secondary School ___ Elementary School
    ___ Recreation facility (Park & Recreation)

19. Do you want the results of this survey? If yes, include your business card or name, address and
    phone number. ____________________________________________________________________________