



P.G.E. Park, Portland Beavers  
Hilltopper® Mound & Infield



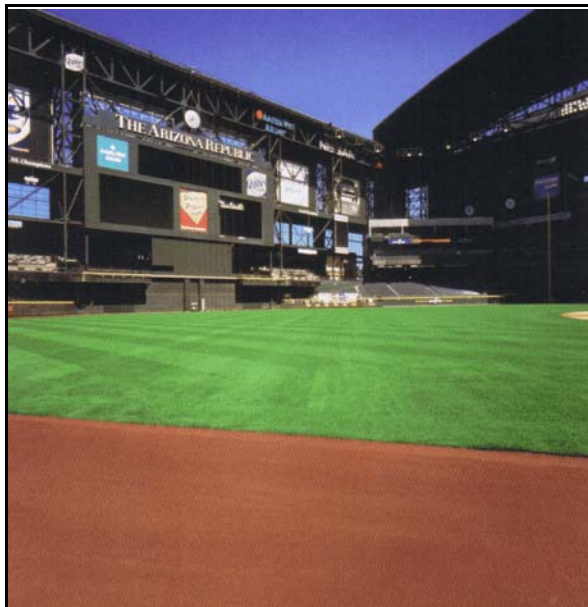
Edison Field, Anaheim Angels  
Hilltopper® Mound & Homeplate Area



Busch Stadium, St. Louis Cardinals  
Hilltopper® Warning Track



Randy Johnson Field, Phoenix AZ  
Hilltopper® Infield



**Hilltopper® Mound & Home Plate Clay** is a unique soil compound that incorporates a combination of long lasting polymers and coatings with natural clay mixes to produce a flexible and stable compound for mounds and home plate areas. Hilltopper® is manufactured to provide optimum cohesion right out of the bag. It does not need water, just spread and tamp—it's ready for play.

**Hilltopper® Infield Mix & Warning Track Mix** are blends of clay and sand coated with a polymer to add cohesion and waterproof each particle. Polymer enhanced eliminates dustiness and watering.

**Hilltopper® Infield Mix & Warning Track Mix** must be installed 2.5"-3" deep over a laser graded, very firm base with a 1/2-1% slope out from pitcher's mound for drainage. Water will run off surface, but not drain thru, all the while maintaining a firm yet resilient surface in wet or dry weather. Available in red or chocolate brown.

**Hilltopper®** products were designed for the arid southwestern United States, but work great in all climates.

**YOUR "ONE-STOP SOURCE" FOR AMERICA'S BASEBALL SURFACES & SUPPLIES!**

## HILLTOPPER® WARNING TRACK MIX FOR BASEBALL OR SOFTBALL FIELD

### INSTALLATION INSTRUCTIONS

1. Site Conditions: Proper drainage is required as Hilltopper® Warning Track Mix drains water laterally off the surface.
2. Proper base preparation is essential in the performance of the Hilltopper® Warning Track Mix. Base material should be laser graded to same grade as Hilltopper® Warning Track Mix with a 1/2% towards drainage area. Base material has to be graded to ensure Hilltopper® Warning Mix is at a uniform depth of 2.5" to 3" across entire warning track.
3. Pre-soak base material with water prior to installing Hilltopper® Warning Track Mix and allow to dry. Once dry, compact base to 95% compaction.
4. Place Hilltopper® Warning Track Mix at a 2.5" to 3" compacted depth.
5. Grade Hilltopper® Warning Track Mix with box blade, laser grader or equal. It is recommended to grade or laser grade Hilltopper® Warning Track Mix at .5% slope towards drainage area.
6. Compact Hilltopper® Warning Track Mix as needed. Installation methods may achieve desired hardness without compacting material. Hilltopper® Warning Track Mix is too soft or surface contains excessive loose material, compaction is needed.
  - a. Compaction can be achieved by a 1-ton double-drum roller
  - b. Compact material making 1 to 2 passes.
  - c. Use plate compactor, water-filled roller, or hand tamp on edges and hard to get areas.
7. It is recommended to spread 1 ton of Hilltopper® Conditioner per 1500-1800 sq. ft. of Hilltopper® Warning Track Mix. Hilltopper® Conditioner can be used as a loose surface topping for Hilltopper® Warning Track Mix and more can be added for desired looseness. Hilltopper® Conditioner can be spread using a commercial top-dresser, box blade or laser grader, or by spreading and mat dragging.
8. Finished surface shall be uniform, solid under foot, with desired amount of loose surface material. Compacted Hilltopper® Warning Track Mix shall be firm to full depth with no soft areas.

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## **YEARLY MAINTENANCE**

1. Add new Hilltopper® Warning Track Mix as needed.
2. Rip and till the field 1-2 times a year to bring fresh material to surface. It is recommended to complete tilling work in warmer weather as Hilltopper® Warning Track Mix is harder during colder weather. Avoid tilling base material or any outside soil in with Hilltopper® Warning Track Mix.
3. If Hilltopper® Warning Track Mix becomes too compact, Hilltopper® Conditioner can be tilled into the top 1" of Hilltopper® Warning Track Mix to reduce compaction and add more loose surface material. Add at a rate of 1 ton of Hilltopper® Conditioner per 1500-1800 sq. ft. of Hilltopper® Warning Track Mix.
4. After heavy snow, loose surface material may need to be removed to expedite snow melt. In this situation add more Hilltopper® Warning Track Mix or Hilltopper® Conditioner at desired looseness.
5. Level and compact field as needed with box blade or laser grader.

## **WEEKLY MAINTENANCE**

1. Do not contaminate Hilltopper® Warning Track Mix with any outside soils as this will compromise its performance.
2. It is recommended to line field with spray paint over marking chalk.
3. Do not use calcined clay or any other amendments other than Hilltopper® Conditioner.
4. Nail drag at least 1 time per week to a 1/2"- 3/4" depth.
5. Mat drag surface to level and improve appearance.
6. Remove debris, such as paper, grass clippings, leaves or other organic material by mechanically blowing or hand raking the surface as needed.

## **REPAIRS**

1. Excavate damaged area to the depth of the Hilltopper® Warning Track Mix and square-off sidewalls.
2. Apply Hilltopper® Warning Track Mix to excavated area to finish grade.
3. Compact with an 8" to 10" hand tamp or 1,000 lb. roller.

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