



TORO HYDROJECT PROCESS FOR HAR-TRU COURTS

Although the Toro HydroJect has been used in the golf turf industry for over 20 years, Lee Tennis has using it as a tool to improve Har-Tru courts for the past 6 years. The HydroJect is used to improve surface drainage, relieve surface compaction and to modify the Har-Tru profile. The HydroJect emits quick “pulses” of highly pressurized water (5,000 psi) usually spaced on a 3-1/2 inch square pattern and leaves a hole in the surface 1/8 inch in diameter by 2 inches deep.

The time required to HydroJect a standard sized court once-over is about 1 hour. Each pass over the surface injects 20 holes per square foot. In most cases we make 1-2 passes over the court to increase the number of holes per square foot.

When the HydroJect process is used in combination with annual reconditioning, we recommend the following steps. Remove net and center strap. Brush the court. Remove any foreign debris on the surface. Roll the surface firm. HydroJect the court 1-2 times over. Allow the surface to dry. Remove all loose surface material. Remove the line tapes. Lightly scarify the surface. Patch low areas. Topdress the court. Brush in topdressing. Water the surface evenly. Brush and roll the surface until desired firmness is achieved. Install line tapes and nails. Install net and center strap. Open the court for play.

When the HydroJect is used during the playing season, we recommend the following steps. Remove net and center strap. Do not remove line tapes. HydroJect the court 1-2 times over. Allow the surface to dry. Scrape and remove all loose material and any debris brought to the surface by the HydroJect. Lightly scarify the surface. Spread Lee Coarse Blend over the surface at a rate of 5-15 bags per court. Brush the court until the HydroJect holes are filled and a very thin layer of Coarse Blend remains on the surface. Sweep the line tapes. Open the court for play. This particular process requires 5-7 man hours per court, so the court need only be closed to play for 1 day.