



### PURPOSE OF RENOVATION

Renovation is the process of rejuvenating turf to;

- repair damaged or worn areas;
- correct problems that hinder healthy turf growth;
- prevent the deterioration of turf condition;
- improve the durability of the turf surface; and
- reduce the level of on-going maintenance inputs.

Renovation is critical for intensively managed and used turf. Renovation practices influence water management, nutrient availability, root development, and drainage, as well as the playability and safety of active turf areas.

The frequency and type of renovation depends on the intensity of use on the turf. On high traffic areas such as sports fields and playgrounds, regular renovation has a significant effect on turf quality. Low use turf areas such as lawns and passive parks, may be renovated occasionally or not at all.

Renovation needs are site specific. Before committing to substantial expenditure on renovation activities, it is most important to identify the particular needs of each individual turf situation. Turf managers generally monitor turf condition by how it looks on the surface, but it is just as critical to know what is happening under the ground.

It is essential to have a method of monitoring the condition of the turf profile on a regular basis, to identify the development of potential problems. It is also important to establish a decision making process for selecting a method of renovation that will most effectively address the problems.

### PROBLEMS THAT DEVELOP IN THE TURF PROFILE

There are four distinct sections of the turf profile that need to be considered for renovation.

## HINT!

The carrying out of every management operation must be an answer to a question about what is really needed. Don't blindly follow a routine. Seek causes for problems, then find solutions and apply them!  
(Handreck & Black, 1984)