



## **The use of Fytofoam in sportsfield constructions.**

Sportsfield constructions are used intensive under very different (climatic) circumstances and all over the year.

Despite of the circumstances playability should be guaranteed in most situations and the construction should show good durability and regeneration capacity.

The introduction of Fytofoam aimed at different goals :

1. Amelioration of the growing properties of the soil for grass (already proved in other crops).
2. Creating pore-space in the toplayer preventing compaction and support of permeability.
3. Increasing buffering-capacity of water and nutrition.

As a result of the mentioned aspects the quality of the fields raise, showing a good and tough turf where play is enjoyable under nearly always the same conditions of the toplayer (hardness / softness).

***The Institute for Sportsaccommodations of the NOC\*NSF states that these aspects have shown to be real in trials and in practice.***

The product is inert and gives no chemical reaction (not influencing the pH) in the soil.

A positive aspect is the nitrogene production during the (long-term) breaking-down period of the foam

In construction a factor of importance is the amount of foam used, because overdosis of foam creates a soft and instable toplayer with insufficient shearresistance and play will be very tiring.

A construction should have a high quality uniform toplayer of at least 0,20 m<sup>1</sup> with good draining properties in the subsoil.

Adjacent to the construction with the mixing proces of Fytofoam there is another possibility to gain the benefit of the product by injecting it in the top with help of a special unit mounted on a tractor.