

For the attention of Water&Soil Kft.

At your request, my experience related to the use of the Water Retainer is summarized below.

I use the Water Retainer in the production of turfgrass. I cultivate an area of low rainfall (430-540 mm rain/year) and that of very loose, sandy structure, which is located near to Áporka municipality.

Irrigation of crucial importance in the production of turfgrass. I started to use the Water Retainer in 2017, right after grass seed sowing. Sowing is performed by using a professional seeder.

In the previous years, the watering needs of the turfgrass on the given area (1.2 ha) were ensured by irrigation carried out four times a day for a period of 21 days. This typically means a daily water volume of 120 m³, which is provided through the application of a mobile reel drum irrigation system. At a later stage, after an early summer sowing, the amount of the irrigated water used is 300m³/7 days. In case this amount is supplemented by rain, or when gloomy and windless weather results in less water loss from the soil, the aforementioned amount of irrigation water may become decreased.

By using the Water Retainer - which meant a single 10 l/ha treatment - during the germination and sprouting periods, the number of irrigations and consequently the water usage could be reduced to 1/day and to the quarter of the above amount. In the subsequent period irrigation water use decreased by about its half. Naturally, the related energy and labour force expenses also decreased accordingly.

Additionally, a significant benefit derived from using Water Retainer is that plant density at least doubled in the treated area as compared to that obtained earlier, consequently, this resulted in a more evenly distributed grass seed germination, which constitutes further advantages in the production of turfgrass.

May 2nd, 2018, Áporka



Tóth Gábor

+36309509982

gaboragrar@gmail.com