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Biodegradable net developed for turf

Wageningen Food & Biobased Research (WFBR) has developed biodegradable nets for turf. Turf producers place plastic nets in the soil to support the growth. The nets are usually left in the soil. This new net serves its purpose for 12 to 14 months, after which it degrades fully, which means it does not pollute the environment. The material contains bio-PBS, a biobased polymer that the chemicals company PTTMCC makes from succinic acid. The Italian net manufacturer Tenax made some test nets from this material.

A trial with these nets has been running since September 2020 on the fields of the Hendriks turf company. If the trial is successful, Hendriks wants to use the nets for growing turf for sports pitches, says project manager Wouter Post of WFBR.

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