

TURF HUMUS

product catalog

NEW

Turf based nutrient
supplementation

Significant
fertilizer savings

Drought tolerance

Scientific foundations,
research background

Abundant and good
quality crop

Economical

Introduction

AGRITURF 2022 Zrt. is a Hungarian-owned enterprise, that produces and distributes high-quality turf-based products.

The company's credo is to preserve and improve the condition of farmland and to support crop cultivation in an environmentally friendly way. AGRITURF 2022 ZRT. offers plant growers a **revolutionary new technology. A new era begins in nutrient supply with turf-based products!**

Biostimulant effect

Turf-based products are **biostimulants**, which are extracts of organic substances containing bioactive components. With their effect, they **stimulate plant life processes and increase resistance to stress. Even using a reduced dose of fertilizer** makes it possible to approach the maximum in the genetic potential of the plants.

Turf is a nutrient supplement, soil improver, plant stimulant

What is turf?

Turf is a **fossilized organic material of plant origin**. Actually, half of it is partially produced by **terrestrial humus formations**.

How is it produced?

It is created by the long-term accumulation of **plants** (trees, shrubs, etc.) in a wet environment (e.g. in swamps). Due to the **lack of oxygen**, special biological, chemical and physical **decomposition processes** take place.

What does it contain?

From a chemical point of view, turf is a **complex mixture of mineral and organic components**. Its organic material is cellulose, lignin and humus materials, which have a very strong adsorptive (binding) power. It also contains valuable minerals.



Turf-based product line

Turf

It owes its ability of improving soil to humus substances. It efficiently provides nutrients and also has a stimulating effect on soil life.

Technology: It is recommended to use turf in intensive cultures. The prescribed dose (10 t/ha) must be mixed into the soil after application.



+36 30 986 2440

info@agriturf.hu

www.agriturf.hu

PRODUCT SAMPLE

Premium Turf Liquid

N Production: The Premium Turf Liquid is made of turf. During the process, the preparation is enriched with different nutrients and the extract is treated with special technology.

P Composition: humic acids, fulvic acids, valuable organic substances, N, P, K and trace elements.

K Mechanism of action: Humic and fulvic acids have great adsorption properties, they bind different nutrients and effectively transfer them to the plants. Thus, they ensure a balanced supply of nutrients. Humus materials improve soils and increase their productivity.

General Technology



Seed treatment (dose 10 l/t)*

Germination power increases as a result of seed treatment.

Treatment of a plant in the bifoliate state (dose 30 l/ha)*

Humic and fulvic acids provide nutrients and better resistance to the plant.

Plant treatment (30 l/ha)*

Balanced nutritional supply, increased stress tolerance, drought tolerance, healthy plant and abundant harvest.

*Given doses vary by plant. Find the exact dosage and technology at „www.agriturf.hu”.

Results

Soybean

Relative to the untreated area (control):



The protein content increased by **26,8%**

The crop surplus was **+17,6%**

The oil content increased by **9,3%**

Sunflower



It produced **+19%** yield surplus

Treated area: **3,36 t/ha**

Control: **2,82 t/ha**

The effect of turf humate treatments

Maize

Control



Treated



Treated



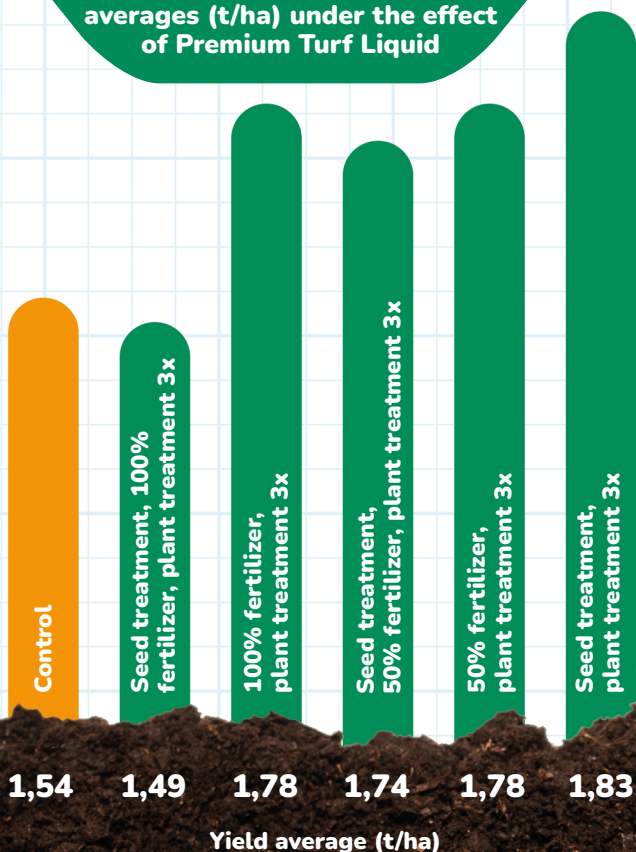
Premium Turf Liquid:

- seed treatment
- 50% fertilizer
- 2 times treatment of the plant

Premium Turf Liquid:

- seed treatment
- no fertilizers
- 2 times treatment of the plant

Development of soybean yield averages (t/ha) under the effect of Premium Turf Liquid



Development of average maize yields (t/ha) under the effect of Premium Turf Liquid

