



# TourTurf® Bio Activo Plus

3-0-6 + 10 % Seaweed + 1 % Carbohydrates + Microorganisms

100 % organic fertilizer and biostimulant.  
Approved for use in organic farming.

TourTurf Bio Activo Plus is a 100 % organic liquid bio fertilizer and an effective biostimulant with a guaranteed content of 3 % organic nitrogen (N), 6 % organic potassium (K), 10 % seaweed, 1% carbohydrates, 22 different amino acids in addition to a very high count of 4 different strains of plant beneficial microbes.

The product combines 4 types of bio active material into a highly concentrated liquid biostimulant formulation with amino acids, seaweed, carbohydrates and microbes. The product is designed to improve rooting, establishment and healthy growth of all types of sports turf.

With regular use you will see less plant stresses from lack of sunlight, disease,

wear & tear and environmental conditions. The turf plants will also become more resistant to a diverse range of turf related diseases.

TourTurf Bio Activo Plus contains the essential building blocks for sustainable and healthy turf growth. The product is uptaken both via roots and leaves. It has dark brownish colour with a sweet natural smell.

### Unique key benefits from our microbes:

- *Bacillus subtilis*: Produces auxins, solubilises phosphates, secretes root protectant polysaccharides
- *Bacillus licheniformis*: Thatch degradation, improves stress tolerance of plants, biocontrol properties, binds light and heavy metals
- *Bacillus amyloliquefaciens*: Disease resistance, protects against saline stress and improves drought tolerance
- *Bacillus pumilus*: Prevents Rhizoctonia and Fusarium spore germination.

Note:  
All 4 types of bacteria have Qualified Presumption of Safety (QPS) status at the EU Authority European Food Safety Authority(EFSA). Non-GMO material. Class 1 approved bacteria only.

### Biology for Turf



**Guaranteed content:**

- 3 % organic nitrogen (N) derived from aminoacids and vinasse kali
- 6 % organic potassium (K<sub>2</sub>O) derived from vinasse kali
- 10 % seaweed extract derived from *Ascophyllum nodosum*
- 1 % carbohydrates from molasses
- 2 % bacterial cultures from 4 different strains of bacteria
- 200 millions of bacteria per ml of concentrate or 2x 10<sup>8</sup> cfu per ml of concentrate.







**The composition of the amino acids in TourTurf Bio Activo Plus:**

Amino acids	%	g/100 g*
Alanine	7.99	0.72
Arginine	7.08	0.64
Aspartic acid	4.71	0.42
Asparagine	1.59	0.14
Cysteine	0.36	0.03
Glutamic acid	6.40	0.58
Glutamine	4.75	0.43
Glycine	23.69	2.13
Histidine	1.05	0.09
Hydroxyproline	8.41	0.76
Hydroxylysine	0.68	0.06
Isoleucine	1.54	0.14
Leucine	2.54	0.23
Lysine	4.41	0.40
Methionine	1.62	0.15
Phenylalanine	2.41	0.22
Proline	7.20	0.65
Serine	3.09	0.28
Threonine	2.25	0.20
Tryptophan	0.16	0.01
Tyrosine	1.10	0.10
Valine	2.86	0.26
<b>Total</b>	<b>95.89</b>	<b>8.63</b>

\* Bio Activo

*Contains only raw materials according to Annex I to EC Regulation 834/2007 and 889/2008. Approved for organic cultivation - inspection by TÜV Nord (approved Belgian institution for control of organic farming).*

**Application:**

TourTurf Bio Activo Plus can be used from april till october with 2-4 weeks interval. 20 l of concentrate to be mixed with 500-700 l of water pr. ha. In high disease pressure periods use weekly.

No need to water in. Can be mixed with other TourTurf products or be used alone. Shake container well before use and rinse out. As a general precaution it is always advisable to do a jar test.

**Please note important advice:**

The diluted down product must be used within 24 hours and cannot be kept longer in dilution as we have no added preservatives.

Density 1.2.

In unopened condition the product has a shelf life of two years.

The product is supplied in  
1.000 l cubitainers  
200 l drums  
10 l bottles

**TourTurf Bio Activo Plus contains the essential building blocks for sustainable and healthy turf growth.**

**Distribution:**

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