COMPO EXPERT®

Basfoliar® Root Booster SL: Special fertilizer with amino acids for root promotion

Basfoliar® Root Booster SL is a liquid NP fertilizer (20-5) with biostimulant effects based on a special formulation of complex amino acids to promote root growth.

Biostimulant Effect

Amino acids are important for plant growth development processes, such as protein formation, enzyme activity and photosynthesis.

Under optimal conditions, plants are able to produce amino acids themselves. This is however a very intensive energy process and requires a corresponding plant vitality. Under stressful conditions and during intense growth phases amino acids can be applied externally and will positively aid growth and health.

Basfoliar® Root Booster SL is versatile and sufficiently dosed with optimal levels of amino acids. The special formulation keeps the ingredients stable, providing good availability and a long lasting reliable biostimulant effect.

Nutrient Contents and Formulation

Mineral NP fertilizer solution (20-5) with synthetic amino acid complex.

20%	N	total nitrogen
		2% nitric nitrogen
		3% ammoniacal nitrogen
		15% ureic nitrogen
5%	P_2O_5	total phosphorus pentoxide
		5% water soluble phosphorus pentoxide
		5% phosphorus pentoxide soluble in neutral ammonium citrate

Mass: 1,2 kg/l
Pack Size: 20 l can (= 24 kg)
Palett: 39 cans (= 936 kg)




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Focus on Root Growth

Basfoliar® Root Booster SL improves overall plant development, especially young plants, but is particularly positive in promoting root growth.

An application is therefore recommended where a rapid root development is the focus. The application of Basfoliar® Root Booster SL has positive effects in general plant production as well as in turf production, which has provided excellent results.

In several years of practical trials, depending on the production target, the harvesting of lawn turf on the treated areas scheduled much earlier.

In Sports Turf Basfoliar® Root Booster SL is especially recommended for the rapid establishment of a stable and resilient turf sward.

Application

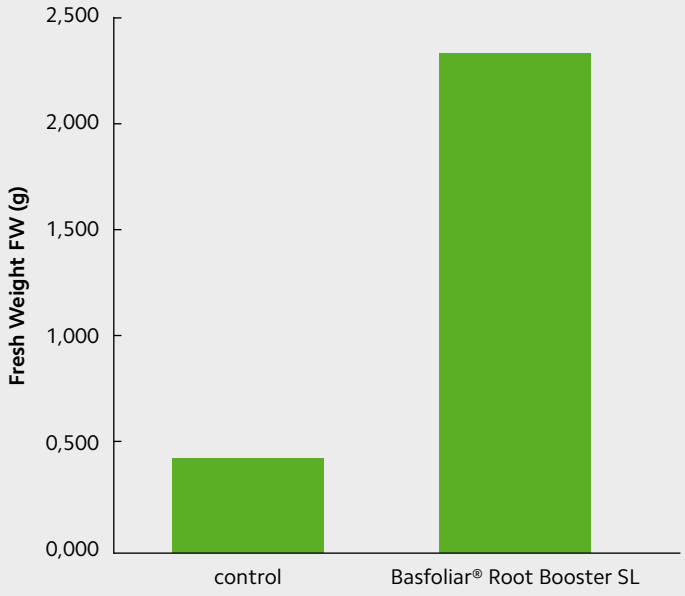
Basfoliar® Root Booster SL is characterised by a high efficiency and good broad spectrum grass compatibility.
Basfoliar® Root Booster SL is used for foliar and soil application.

The application rate is 20 l/ha in 600–800 ltr of water.
As a rule, a 1 or 2 applications is sufficient.



On the left: Basfoliar® Root Booster SL in parsley, on the right: control

Influence of Basfoliar® Root Booster SL on root growth of *Lolium perenne*



University of Hohenheim, October 2016, 55 days after application

Recommended Use

Crop	Application Rate Water quantity per ha 600–800 l	Advice
Turf production / lawn sowing	20 l/ha	2–3 weeks after germination
Turf laying / new constructions (e.g. stadion soccer fields)	20 l/ha	Immediately after laying to promote rooting in the base course
Turf renovation	20 l/ha	1st application 4–6 weeks before the mechanical measures 2nd application 2–3 weeks after sanding and reseeding
Overseeding	20 l/ha	2 weeks after overseeding spray application/drenching
Vegetable / Ornamentals / Forestry	1% Solution*	Dipping the young plants before transplanting or casting treatment after planting

* amount of water as needed

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