



...THE TROUBLESHOOTER



...roots are main part  
... it depends on the roots

## BIOVIN-PRODUCTS

The rejuvenation  
for your  
Greens and Fairways!!

### INSTRUCTIONS/APPORTIONING

- Top soil construction (USGA/FLL) 5-10% vol.  
(corresponding to 1-2% weight of organic matter  
in top soil)
- Top dressing, aerifying 3-5% vol.

### BIOVIN FERTILIZING PROGRAMM p.a.

- Greens/Tees 150-200 g/m<sup>2</sup>
- Fairways 500-700 kg/Hectare

### BIOVIN LIQUID (Foliar Fertilizer) (HUMINS and IRON)

10-20 Lt/Hectare

### TECHNICAL SPECIFICATIONS

C/N Ratio	12 : 1
Organic Matter (dry weight)	88%
Total - N	3%
Nitrate - N	0,06%
Ammonium - N	0,14%
Organic N	2,8%
Phosphate	0,75%
Potassium	3,04%
Magnesium MgO	0,41%

### HUMIC SUBSTANCES 85 % !

More than 25 Micronutrients !

**Per 10 gram BIOVIN more than 5 billion beneficial microorganism!**

**With mineral for easy application**

MULTIPLY THE ORGANIC NUTRIENTS IN BIOVIN WITH 7 - 10  
FOR COMPARISON WITH WATER-SOLUBLE FERTILIZERS !!

### CONSULTANCY & DISTRIBUTION:

### PRODUCER:

INTERTREST – BIOVIN  
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# 100%

**BIOLOGICAL – ORGANIC  
ACTIVE-FERTILIZER  
GUARANTEE FOR SUCCESS**

IN ACCORDANCE

WITH MOTHER NATURE

**BIOVIN** is a highly effective biological-organic fertilizer without chemical additives. BIOVIN is produced from humified grape seeds by a patented natural rotting process.

**BIOVIN** activates soil microbial life, promotes thatch degradation and improves greatly structure, water holding capacity, drainage and gas exchange of the soil, and “speed” of the greens.

**BIOVIN** is approved in the controlled organic farming. BIOVIN is able to solve the emerging problems with soil, water, plants and humus.

**BIOVIN** is especially suited in new constructions and renovations as an optimum organic extra charge material in the top soil layer (according to the USGA and FLL) and as an effective fertilizer and additive to the top dress- and aerifying sand.

**BIOVIN** is suitable for all applications, where the optimal nutrient provision of the grasses must be guaranteed, and the use of chemical fertilizers and pesticides should be reduced almost to zero.

**BIOVIN** when regularly used causes an enormous water saving in irrigation of top soil (greens) and fairways of up to 50%, and in addition a saving of up to 70% for chemical fertilizers !!

**BIOVIN** on the snow cover for quick thawing, excellent fertilization inclusive!!



# BIOVIN

THE CONTRIBUTION TO THE NATURAL ENVIRONMENTAL PROTECTION ON THE GOLFCOURSE !

**BIOVIN** activates extremely

- the important soil biology
- the root growth

**BIOVIN** promotes

- the reception and the availability of nutrients
- the aggregation of soil particles
- thatch degradation
- greens-“faithful” and -speed
- the gas exchanges
- water holding capacity and drainage ability
- hair roots- and mycorrhiza development!

**BIOVIN** prevents

- the leaching of water-soluble nutrients
- the damage of the mycorrhiza  
(through use of chemical fertilizers and pesticides)

**BIOVIN** lowers

- the nitrate load of the soil, the grasses and the ground water

**BIOVIN** increases enormously

- the robustness of the grasses
- and resistance against diseases, fungus attack and dry damage.

N A T U R A L

O R G A N I C

F E R T I L I Z I N G