

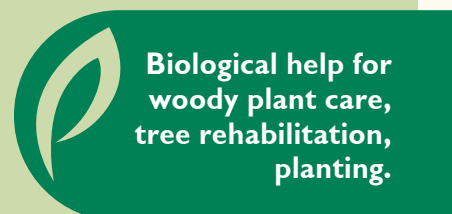
For trees, shrubs, garden plants

- Reinvigorates and heals sick and damaged plants, prevents damage
- Supports growth and regenerative capacity of plant cells through specific amino acids
- Creates the conditions for healthy root, shoot and leaf growth, flowering and fruit setting

Acts on plant and soil

- Activates microbial soil life, encourages symbiotic fungi (mycorrhiza)
- Supports the biochemical balance in plant and soil
- Gives long-lasting support for root formation and plant growth
- Lays the foundations for improving resistance
- Eliminates abnormal metabolic adsorption
- Supports the healing of bark injuries
- Binds heavy metals in the soil, detoxifying effect
- Produced from natural raw materials: not detrimental to plants, soil, groundwater
- Recommended for biodynamic agriculture

(report of LVA Weser-Ems, 1988)



Composition/manufacture

WALDLEBEN consists of dissolved amino acids, amides and carbohydrates in an aqueous solution, obtained in controlled fermentation of natural products and substances from the production of food and animal feed.

Labelled according to DüMV 120512

Organic liquid NPK fertilizer 0.34 + 0.02 + 0.94:
0.34 % nitrogen (N) · 0.02 % phosphate (P₂O₅) ·
0.94 % potassium oxide (K₂O) · 0.08 % available nitrogen (N, CaCl₂-soluble)
Minor components: 0.91 % organic matter · 2.01 % dry matter (DM) · pH value 7.8

Pack sizes 1 liter, 2.5 liters, 5 liters, 10 liters, 20 liters, large pack (IBC)

Application

WALDLEBEN is taken up by plants through the roots, sprayed bark, branches and leaves.



- Can be used all year round, except in frost
- Best effect with high metabolic activity:
1. In autumn (storage of nutrients)
2. In spring (shoot growth)
- Damp weather encourages uptake, avoid direct sun
- Apply using a pressure sprayer or watering can with spray head
- Remove weeds from around the plant, loosen and water soil
- Moisten stem/trunk up to accessible height with Waldleben 2x at 15 - 30-minute interval
- Spray leafy plant parts from underneath
- Pour rest on stem base. Pouring edges around stem prevent run-off and increase infiltration

Dosage

Plants (examples)	Application	To reinvigorate for more vitality, lush blooms, fruit yield	To heal damage or attack by secondary parasites (fungi / insects)
Deciduous trees and conifers	apply to trunk and allow to run into watered soil	undiluted 1 liter WL per 5 cm stem-Ø DBH	1 liter WL per 2 cm Stamm-Ø DBH
Bushes, hedges, smaller trees, bonsai, perennials, roses, flowers	spray entire plant, <u>leaves from underneath!</u>	diluted 1 part WL + 10 parts 	
Soil improvement, transplanting	add to irrigation water	1 liter WL per 6 m ²	1 liter WL per 3 m ²
House plants, hydroponics	add to irrigation water, repeated application	diluted 1 part WL + 30 parts  or 2 tbsp. WL per 1 l 	Dosage and application as for perennials, roses etc.

WL = WALDLEBEN,  = water, DBH = diameter at breast height

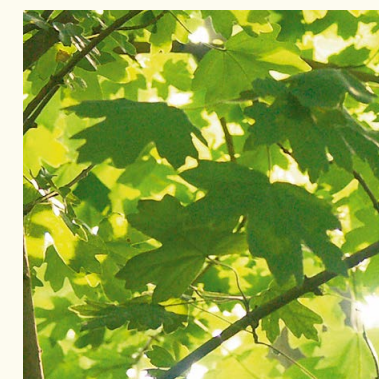
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www.waldleben.eu



WALDLEBEN®

The biological vitality cure for plants + soil



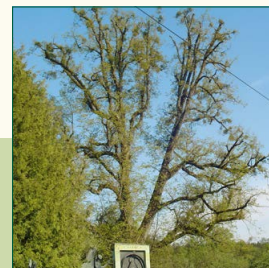
For trees + shrubs, fruit trees + bushes
Roses, perennials, bonsai and more

www.waldleben.eu

Rehabilitating old trees

Pavoldinger Dorflinde, 2007 - 2012

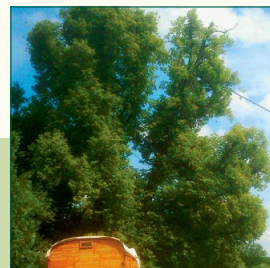
Revitalization with WALDLEBEN meant that extensive tree surgery on the lime, over 400 years old, to ensure road safety could be avoided.



Condition
End May 2007



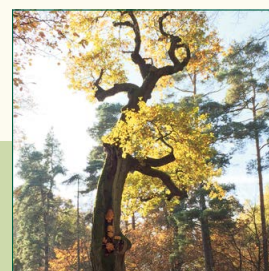
WALDLEBEN treatment
Summer 2008



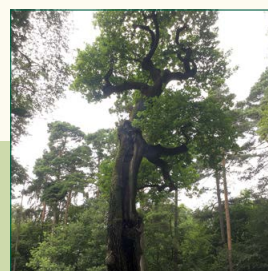
Treatment success
July 2012

Kaltwasser-Eiche (woodland burial ground Rheinhessen-Nahe), 2016-18

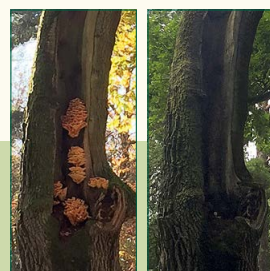
The common oak, approx. 200 years old, afflicted by Sulphur polypore and incorrectly pruned, was treated successfully and the fungi pushed back.



Condition
Autumn 2016



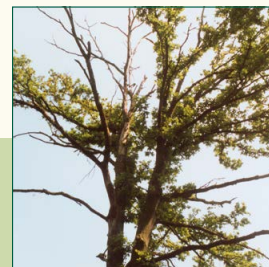
Treatment success
July 2018



Comparison (detail)
2016 and 2018

Friedrichsruh (palace grounds of Fürst von Bismarck), 1999 - 2001

In 1999, a line of old trees were treated successfully with WALDLEBEN. The "Elm by the Gatehouse" here shows the long-term effect.



Condition (detail)
July 1997



September 1999
1/4 year after treatment

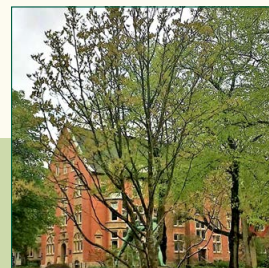


Treatment success
May 2001

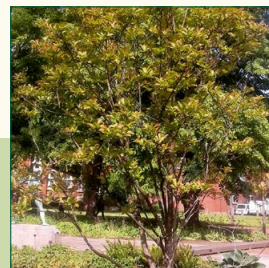
Revitalizing ornamental trees+shrubs

Magnolia (Harburger Rathausplatz), 2018 - 2023

A magnolia planted in 2016 with stunted growth and growth blockages is becoming an impressive specimen tree following WALDLEBEN treatment.



Condition 04.05.2018
before treatment



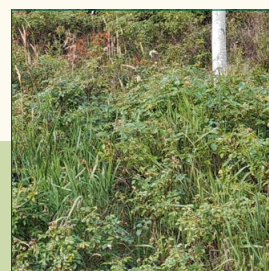
Treatment success
14.05.2019



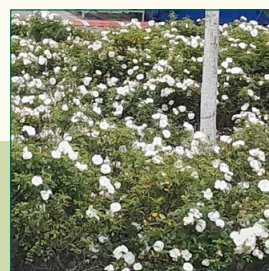
Increasing vitality
May 2022, April 2023

Roses (car park green area), 2023/24

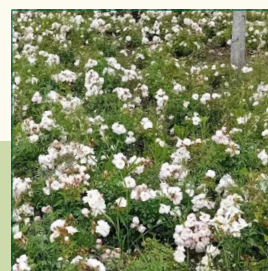
Plants with stunted growth, chlorotic leaves and few blooms develop healthy greenery and profuse flowers after WALDLEBEN treatment.



July 2023
before treatment



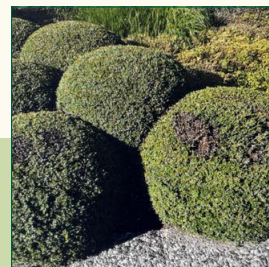
August 2023
1 month after treatment



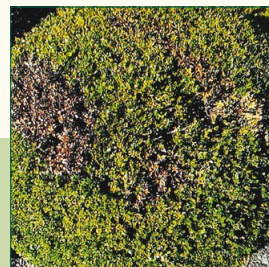
Long-term success
June 2024

Box tree spheres (private garden), 2024/25

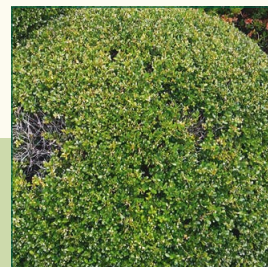
Scorching due to an excavator exhaust was soon remedied with healthy new growth after treatment with WALDLEBEN.



Fire damage
Condition 08.07.2024



Detail pre-treatment
08.07.2024



Treatment success
May 2025

Help at problematic locations

Reeperbahn/Spielbudenplatz (Hamburg), 2006/2007

105 newly planted trees in a very poor condition in the hot summer of 2006, displaying drought damage and secondary parasites.



Condition
June 2006



WALDLEBEN treatment
28.06.2006



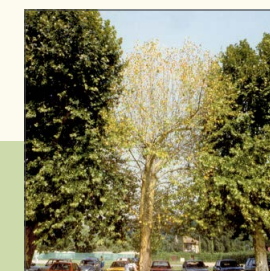
Treatment success
July 2007

Ascona (Switzerland), 1987/1988

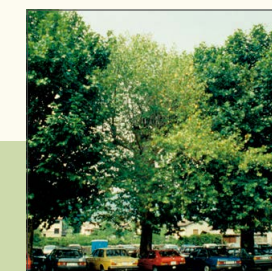
To show the effect of WALDLEBEN, two of three plane trees were treated initially, and the middle one a few months later – all successfully.



Treatment trees 1 + 3
Spring 1987



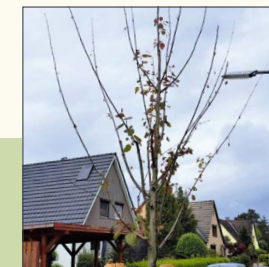
Treatment of
tree 2, June 1987



Treatment success
June 1988

Heunerstieg (Hamburg), 2022 - 2024

Katsura trees planted in a sunken bed with infiltration ditches and gravel: blocked growth successfully overcome by WALDLEBEN treatment.



Condition
17.05.2022



New growth July 2022,
after treated June 2022



Long-term success:
condition 24.09.2024