



Indigenous **microorganisms**

The natural helpers



EDAPRO
Promoting Plant & Soil Life

Compost Tea – the natural alternative

EDAPRO offers environmentally conscious farmers and landscapers an ecological alternative for the cultivation of their plants. **EDAPRO**'s microorganisms strengthen plant defences and metabolic processes. With the application of **EDAPRO** plant-strengthening agents, plant-supporting microorganisms reach plant leaves and root areas, where they are most effective.

Indigenous Microorganisms – Make Sense

Indigenous microorganisms are a diverse group of beneficial soil microorganisms that function in communities. Because they come from the natural environment rather than being cultivated in the laboratory, they are highly adaptable.



Your advantages with **EDAPRO** Compost Tea

- ✓ Reduction of pesticides and fertilizers
- ✓ Promotion of plant growth due to increased nutrient efficiency – The soil turns soil into a nutrient reservoir
- ✓ Stimulation of root growth
- ✓ Increased microbial degradation of organic biomass and conversion into humus compounds
- ✓ Increased resistance to diseases and pests
- ✓ Increased resistance to drought due to increased soil and plant resilience
- ✓ Compatible with conventional field sprayers for application over large areas
- ✓ Environmentally friendly as of 100% natural ingredients

Our Products

Our products meet the highest quality standards for independent production of highly microbial active compost tea.



Brewing system
EdaLife

Compost tea brewer *EdaLife*

Compost tea is brewed by the users on-site with the *EdaLife* brewing systems.



Microbial Substrate
EdaBiom

Microbial Substrate *EdaBiom*

The Microbial Substrate is added to the compost tea brewer and mixed with water.



Microbial Food
EdaBiom+

Microbial Food *EdaBiom+*

The Microbial Food is added to the water-filled compost tea brewer together with the Microbial Substrate.



Compost tea

Compost Tea

After a 24- to 48-hour brewing process, the **EDAPRO** compost tea is ready for application.



Brewing systems

EdaLife



Models:
EdaLife V60,
V120, V200, V400



Models:
EdaLife
V600, V1000



EDAPRO Brewing Systems are flow-optimized and scientifically tested. The vortex created in the brewing system ensures aerobic conditions ($>6 \text{ mg/L DO}_2$) under which beneficial microbes can multiply by the billions.

EDAPRO Brewing Systems are operated with Nitto Koh-ki's quiet-running long-life air blowers and come with an integrated cleaning system that saves time and is easy to use.

The optimal temperature for the brewing process is between 18 and 25 °C. As an option, the Brewing Systems can be equipped with a heater.

EdaLife Brewing Systems: Easy handling – with love for detail



Vortex

optimal mixing of all added ingredients and efficient oxygen supply.



Screwable hose connections

easy disassembly for visual inspection.



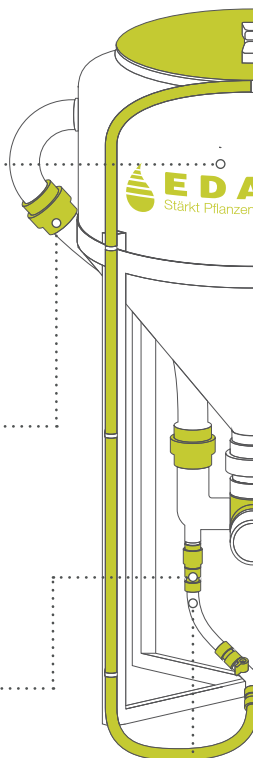
Retention sieve

prevents solids from blocking the air hose.



Air and cleaning connection

one connection for two applications:
air supply (commissioning) and water
supply (cleaning).





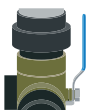
Integrated cleaning ball

quick and thorough tank cleaning



Conical container (HDPE)

prevents unwanted deposits.



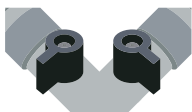
3-way ball valve

easy switching between operation,
cleaning, and draining modes.



Air pump by Nitto Kohki

Powerful and yet quiet - an air pump
you can rely on.



Adjustable valves

Regulate and equalize air supply.



Microbial Substrate

EdaBiom

The *EdaBiom* Microbial Substrate contains the microorganisms required for the brewing process. This substrate contains everything necessary for the promotion of the natural Edaphon community - the entirety of soil life - and will generate high diversity of beneficial microorganisms. Constant chemical-physical and biological tests guarantee consistently high product quality.



Microbial Food

EdaBiom+

In order to customize **EDAPRO** Compost Tea for use with particular plant and soil requirements, we offer specialized microbe foods. The composition of different organic components promote the growth of specific microbial groups present in the Microbial Substrate. This in turn increases the effectiveness of the microbial active Compost Tea.



Services and support

Our experienced team will be happy to advise and support you in the following areas:



Round filter chromatography

Chromatography imaging is a powerful method for a holistic, comprehensive soil analysis.



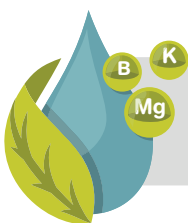
Microscopy

Determination and interpretation of the microbiology of soil and compost.



Plant sap analysis

Plant sap analysis reveals nutrient surpluses and deficiencies before symptoms can be observed.



New analysis service

Plant sap analysis

more information at edapro.ch

Fields of application

EDAPRO products are versatile, both on the leaf and in the ground.



Agriculture

Increased yield security - strengthened plant growth and protection against pests and diseases.



Viticulture

Increased disease resistance and enhanced aroma formation in the grapes.



Lawn care

Increased disease resistance of grasses.
Promotes the degradation of the black layer.



Landscaping

Versatile in use. Increases root growth in new plantings.








Horticulture

Supports healthy plant development through increased root growth and increased disease resistance.

Application rate

The spray rate and the application interval vary depending on the field of application:

Application area	Application rate, from* (L/ha)	Interval* (appl./year)
 Agriculture	80	4
 Viticulture	150	6
 Lawn care	250	7
 Landscaping	250	3
 Horticulture	150	6

*Minimum quantities for successful colonisation of the microorganisms. Higher application rates improve the effectiveness.

Quantity / Application

The following table gives an overview of the required amounts of both microbial substrate and microbial food per application:

Brewing system <i>EdaLife</i>	Microbial Substrate <i>EdaBiom</i> (litres)	Microbial Food <i>EdaBiom+</i> (litres)
V15	0.5	0.10
V60	1.8	0.30
V120	3.6	0.60
V200	6	0.65
V500	15	1.25
V900	30	2.50

Visit us!

You can find our complete product range and much more information on our website.



Errors and omissions excepted.



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