



Biopreparations



Biopreparations are products made from organic vegetable, mineral or animal matter used to improve crop development or soil health regeneratively.



Our purpose

Spread the word and promote different techniques for the production and application of biopreparations in agroecological systems. ●●

Implement and experiment with different techniques in the production and application of biopreparations in our gardens, yerba mate plantations and nursery. ●●

Provide an on-site learning space for the production and application of biopreparations. ●●

Inspire others to replicate the production and application of biopreparations on farms with plantations in transition to shade grown systems. ●●



Antonio Heinze working with biodynamic preparations



Fabián Pains preparing bokashi



Our actions

We produce and apply solid organic fertilizer, biodynamic preparations for spraying, liquid foliar biofertilizers and natural repellents for insects and fungi control. We use these products in the nursery, gardens and yerba mate plantations to feed their systemic functions. We also arrange visits to raise awareness and inspire students from local schools and universities, volunteers and the general public.



Our edge

Biodynamic establishment

In the reserve we implement the proper production and application of different biodynamic preparations, mainly in the yerba mate plantations.

Sustainable, quality ingredients

Local nature provides the best fundamental components for the biopreparations, such as forest soil and manure from our own oxen and horses.

Use of biopreparations

We use the biopreparations in the nursery, gardens and yerba mate plantations since they are a source of substrates, fertilizers, repellents, for the different programs.

Animal wellbeing

We have two oxen and two mares that graze freely and provide us with organic material rich with microorganisms. We care for these animals for them to live well, consume a grass-fed diet and get plenty of water.



FABIÁN PAINS. Guardian of biopreparations



Our data 2010 to 2019.

Biopreparations produced:

Solid organic compost

Bokashi
Biodynamic compost

Biodynamic spray preparations

500
501

Foliar biofertilizer

Liquid biofertilizer

Preparations for fungi and insect control

Chili and garlic extract
Ash Broth

Agroecological gardens
Bokashi Compost
500
501
Biofertilizer
Organic repellent

Yerba Mate plantations
RAIz 1

500
501
Biofertilizer

Bio Preparations

Yerba Mate plantations
RAIz 2

500
501
Biofertilizer

Native species tree nursery

Bokashi Compost
500
501
Biofertilizer
Organic repellent