



# Agroecological gardens DO

An agroecological garden is a plot of land designed for environmentally sustainable production of different crops. The garden produces healthy food regeneratively, managing resources rationally and naturally.



-- The Mandala garden --

## Our actions

The program has three agroecological garden models: the mandala garden, the agroforestry garden and the biointensive garden. We cultivate agroecological vegetables for consumption by those of us who work at FAI, for participants in the workshops we run in the Cereví, and to share with our neighbors.

In addition, we also invite schools, universities, volunteers and the general public to visit our gardens to learn about these agroecological systems with alternative, innovative designs.

Between October and December 2021, we had our own stand at the Feria Franca in Comandante Andresito to share our ideas, our agroecology-based vision and spread the word about the shade grown yerba mate system.

## Our purpose

Implement and experiment with different agroecological gardens designed based on nature to produce healthy foods regeneratively. ●

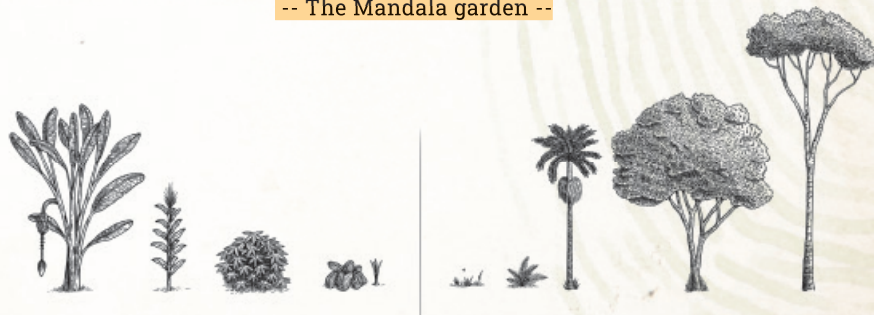
Spread the word and promote agroecological systems for family and community-scale gardens. ● ●

Generate experiential learning through immersion and exploration in agroecological gardens. ●

Participate alongside other small growers in the Feria Franca in Comandante Andresito (farmers' market). ●



-- The Mandala garden --



-- The Agroforestry garden --

## Our edge

### Innovative agroecological systems

The originality of the mandala and agroforestry gardens spark visitors' curiosity. They are home to great botanical diversity in a small space, where amphibians, reptiles, birds, ground insects and pollinators coexist. The designs of these gardens are inspired by the elements of permaculture and the proposals of Alberto Roth, one of the pioneers of agroecology in Misiones, who called for "taking the jungle to the garden."

### Organic, biodynamic gardens

The gardens are managed using biodynamic agricultural practices, both in terms of the dates for planting and the application of biodynamic preparations. Moreover, we don't use any type of chemically synthesized inputs, only plant-based repellents and organic fertilizers.

### Educational intention

The gardens are not intended for profit but rather to create an educational experience, where volunteers, school children and visitors get to experience live immersion in an agroecological system. The gardens thus become a space where we can see the principles of agroecology play out and observe natural cycles to take theory into practice.



ALEJANDRO PEREIRA "BRASIL"  
Guardian of the Mandala garden

## Our data

**254 m<sup>2</sup>** Mandala garden  
(2734 square ft)

**840 m<sup>2</sup>** Agroforestry garden  
(9042 square ft)

**10 m<sup>2</sup>** Biointensive garden  
(108 square ft)

**1,104 m<sup>2</sup>** TOTAL of garden  
(11.834 square ft)

- Soil preparation with compost and covering.
- Spray and drip irrigation system.
- Intercropping.
- 20 vegetable species.
- Diversity of aromatic, fruit, vegetable and medicinal species.
- Participation in Feria Franca October through December 2021.



Preparing the Biointensive garden soil



FAI'S FERIA FRANCA STAND IN  
COMANDANTE ANDRESITO