

# FAZENDA NOVA

## C O U N T R Y   H O U S E

### Serious about Sustainability

Sustainability in our environment has always been important to us. We decided that we would not remove any of the 1000 trees at Fazenda Nova unless it could be safely transplanted into a different area of the land or gardens. In fact, we have planted a further 300 trees and 100's of indigenous species of herbs and shrubs. And using indigenous varieties has also been key at managing our water consumption for irrigation. Intentionally we have very few citrus trees or grass for lawns as they require intensive watering.

We designed a natural reed bed grey water filtration system which allows all our Grey Water produced when using showers, sinks, toilets and kitchens to be filtered and by roots of various trees and shrubs as it runs through a gravel bed and emulates the way water is cleaned in aquifers and rivers. We use this water, up to 20,000 litres some weeks, to irrigate our orchard.

With the help of solar panels and highly efficient LED lighting to rain showers and dedicated recycling we are aware that there is always more that can be done.

The variety of wildlife within our boundaries is testament to the dedication and positivity our team have invested in our environment.

