

## Anti-Diabetes tea



Crop

Bay laurel  
*Laurus nobilis L.*  
Basil  
*Ocimum basilicum*  
Bromelia  
*Bromelia L.*  
Curry leaf tree  
*Murraya koenigii*

Croppart

Leaf

Application area

Food & feed

Pharma

Status

Start-up stage

Public availability

Non-public

Relevant plant compounds

leaf

## Description

**Tea made from residuals with a positive effect on diabetes too. That was the starting point of a collaboration between four growers\*. Thanks to a real tea sommelier a tasty healthy tea is developed.**

The four growers are motivated to start developing new business with residual flows of their crops or (in combination) with a new crop and thereby explore the circular biobased market.

The entrepreneurs all have a crop that is likely to have a positive influence on diabetes. After an exploratory market research, it was decided to develop several good-tasting tea blends with a positive health effect based on the available crops.

A literature study was started into the effect of the crops on health; Is there a positive health effect? Which concentration is needed to achieve the positive effect? In other words, many questions with answers that raise new questions, resulting in a thorough literature study.

After the literature study, a laboratory study was started with a model organism at Wageningen University to get confirmation the tea will have the health effect as described in literature.

The entrepreneurs believes that such a healthy tea only has market potential if it has a delicious taste. Therefore another part of the development focuses on creating a tasty taste. Of course taste is very personal. In order to reach a wide audience, the taste must therefore be attractive to many people. For this purpose a collaboration has been started with a professional tea sommelier: the sommelier is an expert when it comes to tastes and knows what people like.

We are going to taste a lot of tea from the different crops and hope to be able to create a super tasty and healthy blend of the crops.

*\*The involved growers are: Westland Peppers, Corn Bak, Gova and De Kruidenaer.*

## Examples of end products



### Theelers herbal blend

A tasteful blend of 5 crops from 4 dutch growers.

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### Pros and cons

- + Residuals utilised to make a new product
  - + local for local produce of a product with health benefits
  - New product on a very competing market
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### Used conversion methods

#### Mechanical-Physical processes

- Milling
  - Separation
  - Extraction
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## Resources

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<http://www.theelers.nl> Initiative website

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[Biobased thee werkt tegen diabetes](#) Publication

[Duurzame theelers maken debuut op Duurzame Dinsdag](#) Publication