BioBoost
Accelerating biobased horticulture

# Anti-Diabetes tea



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| Crop | Bay laurel<br>*Laurus nobilis L.*<br>Basil<br>*Ocimum basilicum*<br>Bromelia<br>*Bromelia L.*<br>Curry leaf tree<br>*Murraya koenigii* |
| Croppart | Leaf |
| Application area | Food & feed<br>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

http://www.theelers.nl Initiative website

Biobased thee werkt tegen diabetes Publication

Duurzame theelers maken debuut op Duurzame Dinsdag Publication