

**QUASTIONS AND ANSWERS RAISED DURING STAKEHOLDERS FORUM
HELD AT TRFK ON 22ND SEPTEMBER 2010**

E.O. Asingo

Williamson Tea Estate

In view of the potential health benefits of tea anthocyanins, can the TRFK partner with medical experts to help this information disseminate to the local mwananchi.

Cecilia Kathauima

Coffee Research Foundation

There is need to carry out campaigns on tea preparation methods so that the consumers can get maximum health benefits from tea.

Regular monitoring of the products offered in the domestic market to ensure that the beneficial constituents of the tea are maintained throughout the shelf life of the products.

S. Angira

Wik

Are those taking tea bags disadvantaged now that the recommended tea brewing period is 5-7 minutes.

Joseph Mbugua Finalys

Studies/presentations Indicated High Polyphenol Levels in Kenyan Teas As Compared To Japanese and Chinese teas. Is this difference due to clonal of climatic conditions and has similar comparisons being done to other African teas and other regions such as Sri Lanka?

Kelvin

You only managed to obtain about 5% tea seed oil from K-purple?

There is some oil from the cake produced which should be used quantified (used chemical extraction)

It is in the range of between 10-15% in some,

Unknown

Purple Tea

- i) Where is purple tea seedlings available in large enough numbers for serious planting.
- ii) What does a seedling cost and what (based on Kangaita) would a farmer be paid by Kilo? (Estimated)
- iii) Who is buying it currently?

Prof. Gabriel Magoma

What is the relationship between the free radicals and aging?

What can comment on the relationship between the reduction of antioxidant activities and anthocyanins?

Dr. Mamati

Potential of tea production appear high as high as 70mt/mt/ha. However the National average is about 30Mt/Mt/ha. There is need therefore to bridge this gap. This can be done through appropriate technology transfer services by the TRFK.

Total anthocyanins and Catechins

This is as a result of the shared biosynthesis pathway. The Foundation should therefore explore ways in which this information can be utilized in obtaining appropriate products of our tea.

Dr. Mamati

There is need to diversify in tea products. Kenya produces mostly black tea. These black teas are not diversified. Different black tea products need to be put on the table.

A lot of information especially on tea and health has been prohibited in the far East. This information has been used to market the green teas. This information has been used to market the green teas. The information is not accessible because of the language barrier, where a lot of information has been published in the local language.

The tea taken in Kenya is more milk other than tea itself. Therefore there is need for promotion of tea as tea.

Mr. Libwalale

From the discussions, it seems Kenyans, are drinking more water and milk than tea: can we come up with the specifications/prescriptions of Tea drinking is it 48gm in 2.4 litres of water is milk? We need to come up with the prescriptions to encourage more consumption of tea as leaving the current status to continue, Kenyan might be missing health aspects?

MU

Al a fl, levels in Kenyan teas.

Concerns from food safety regulations e.g. EFSA (European food safety Authority)

Prof. Martin Obanda

JKUAT.

Adaptive Research Factory

Currently a study is going on the pilot scale production of ant hypersensitive teas at KIRDI. This factory should be very useful in the commercialization of the results of this project.

Prof. M. Obanda

JKUAT

Tea Seed Oil Project

This project has potential for significant impact on socio-economics' of marginals-tea land. Kindly consider including these sector in this study.

Prof. Martin Obanda
JKUAT.

Purple Tea

Would like to re-affirm utilization of Purple Tea clones – especially those recorded as low quality black tea markers – for use in product diversification e.g. Herbal teas/wines, etc would wish to see JKUTA – TRFK – EU collaboration in product development as possible commercialization.

Prof. Martin Obanda
JKUAT.

GIS - & Remote Sensing Study – Mapping Clones, soils, diseases, pests, geographical indicators.

Prof. Martin Obanda
JKUAT.

JKUAT has study on application of GIS techniques on water availability in Gatanga Constituency. I believe TRFK and JKUTA could have mutually rewarding research collaboration on this project.

Dr. Kamau

Kindly introduce 2 Regional Managers KTDA who came in when introduction was over.

A part from husbandry practices