RLF BORON PLUS DELIVERS HIGH YIELD HONEY POMELO CROP

Healthy Early Growth and Development is the Key

Authorised for release by :

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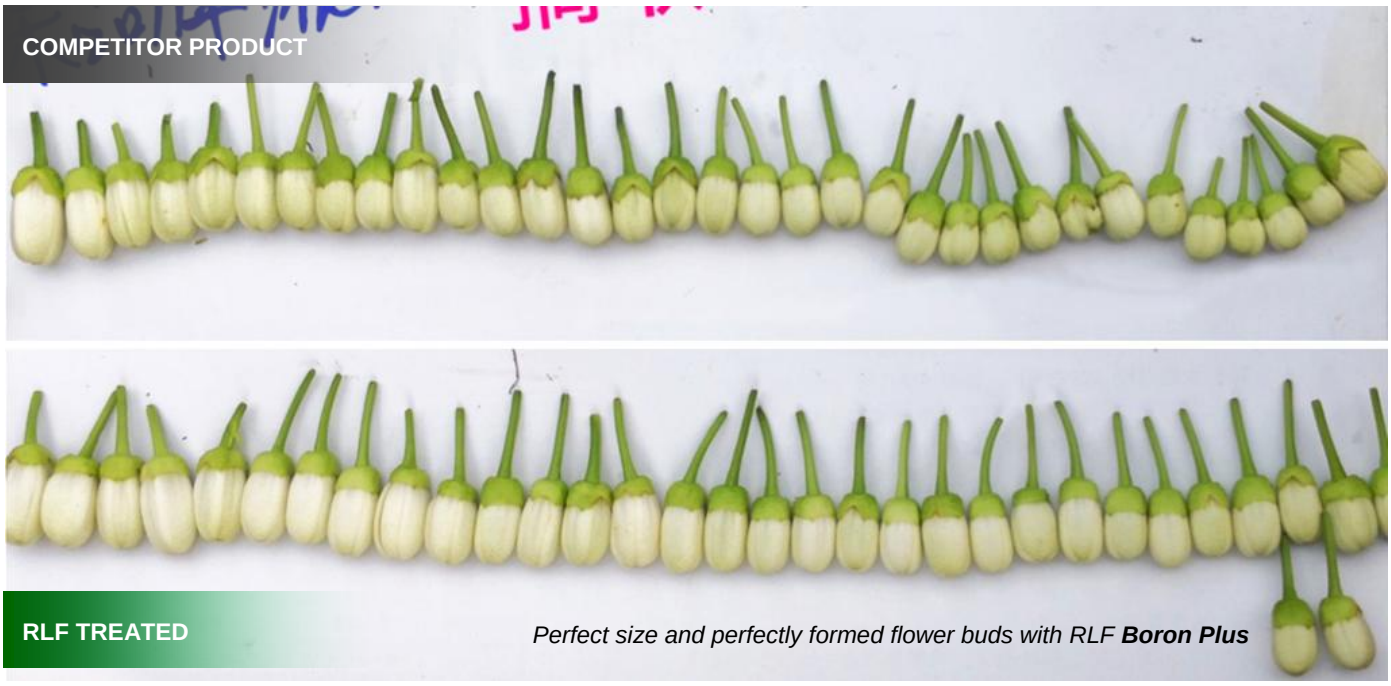


*Perfect size and perfectly formed flower buds with RLF **Boron Plus***

About the Crop and its Nutrition Needs

Spring is when the early stage development of honey pomelo occurs. The growing of shoots, flowering and fruiting are the crucial periods for setting yield potential.

Despite the beautiful flowers many farmers experience the problem of malformed flowers in their orchards. The malformed flowers are characterised by partial flower organ development or flower shape deterioration. This lowers fruit setting rate as well as the ability by the tree to retain nutrient.

The honey pomelo belongs to the 'big fruit category' and has a relatively high demand for nutrients, especially calcium, magnesium, zinc, boron and other trace elements. Boron deficiency can cause pollen grain germination and developmental abnormalities of the flower organs such as the pollen tubes. As a result, honey pomelo is severely effected and the fruit setting rate is low.

The flowering of the Honey Pomelo

The honey pomelo production areas are mostly in southern regions of China such as Fujian, Guangxi, and Sichuan. The southern soil is mostly red, with acidic pH and low boron content. Therefore, the lack of boron in honey pomelo is a common problem. In order to check on the application effects of RLF crop nutrition products on honey pomelo, the RLF Sales Manager in Guangdong Province Shen Zhiqiang paid a visit on the honey pomelo growers in Wenfu Town, Jiaoling County, Meizhou City, Guangdong Province.

The Honey Pomelo Trial Record

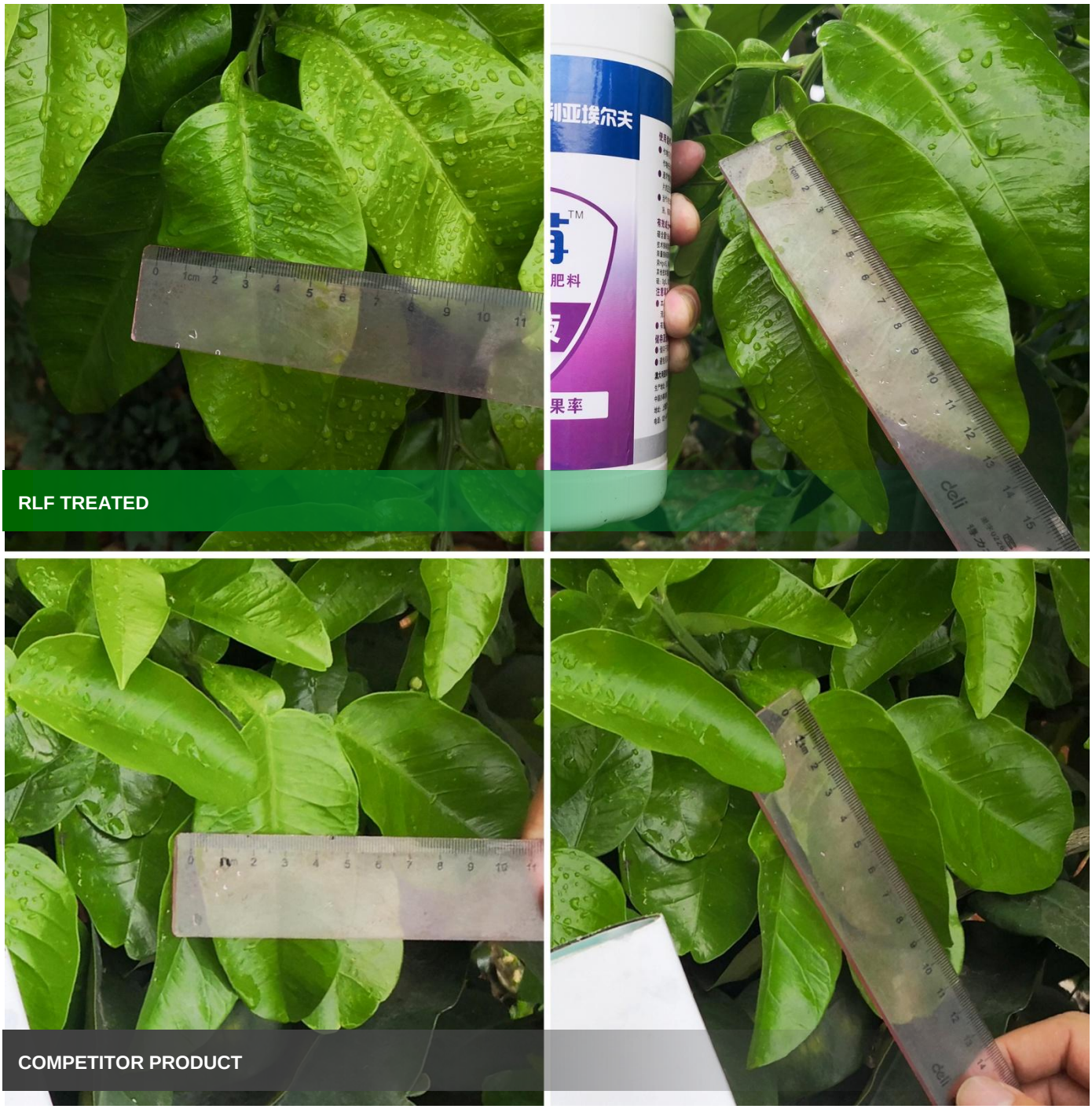
Trial Dates	3rd February 2018 and 23rd February 2018
Trial Address	Wenfu Town, Jiaoling County, Meizhou City, Guangdong Province
Farmers	Wu Hanlin and Huang Gankun
Method Used	Foliar spray with RLF **Boron Plus** 20ml with 40 Jin water as compared with foliar spray the competitor product 20ml with 40 Jin water
Trial Purpose	Select the same honey pomelo tree to compare flower bud growth, strong flower effect and the growth of spring shoots after application of RLF **Boron Plus** and the competitor products.

The left side of the tree is RLF-treated. The right side is treated with competitor product.

The two products are applied with the exact same method. Both are foliar sprays with 20ml product diluted in 40 Jin water.

They were sprayed on 3rd February and 23rd February 2018 respectively. The Sales Manager then revisited the orchard and collected the following data by field sampling.

Comparison by Leaf Width



Above, RLF-treated. Below competitor product.

The average leaf width of honey pomelo treated with the RLF **Boron Plus** is 7cm and the length is 13cm.

The average leaf width of the competitor product is 4.5cm and the length is 11cm.

The side treated with **Boron Plus** has wider and longer leaves, which will lay the foundation for the nutrient supply to protect the swelling fruit of honey pomelo.

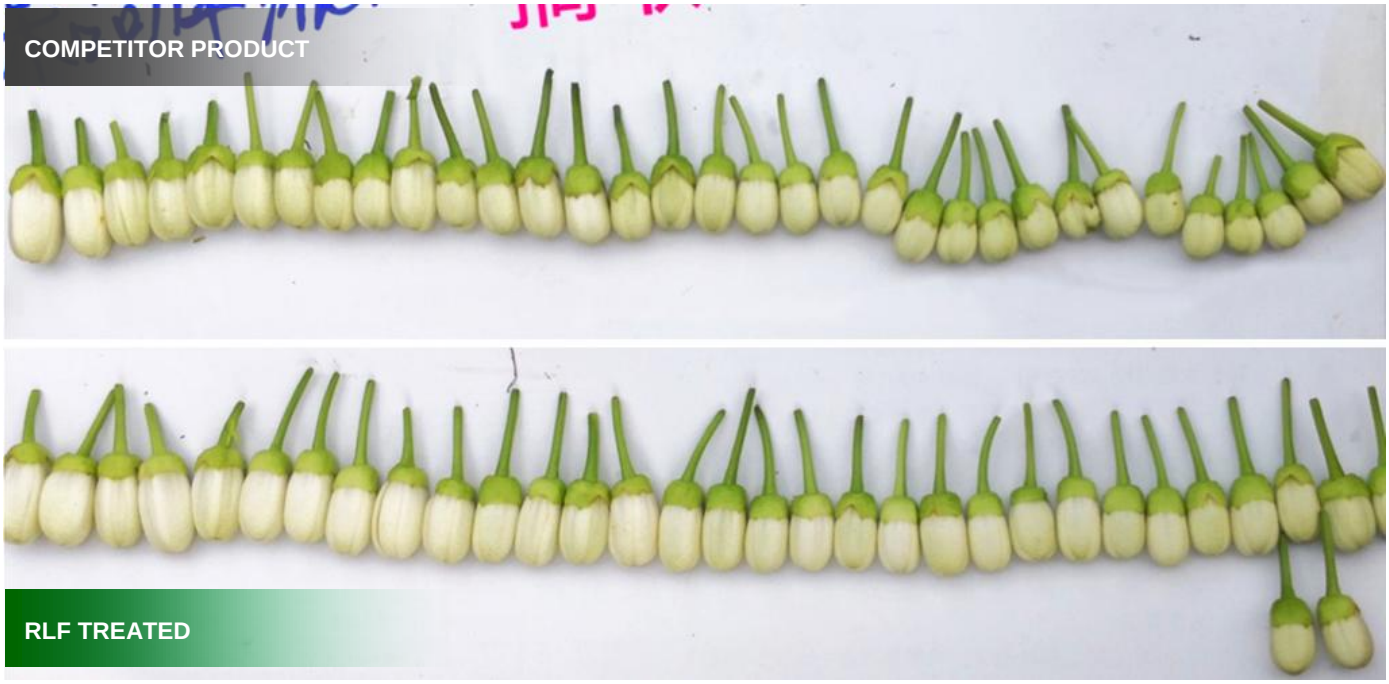
Comparison by Flower Buds

Right is RLF-treated. Left is competitor product.

Below is RLF-treated. Above is competitor product.

The flower buds sprayed with the RLF **Boron Plus** grew evenly and full, with no abnormal flowers.

The probability of malformed flowers on the competitor product's side of the tree is 70% - that is there are 7 inflorescence with malformed flowers per 10 inflorescence.



The comparison on 33 flower buds picked up from the honey pomelo tree.
Below is RLF-treated. Above is competitor product.

It was detected that 100% of the flower buds treated with the RLF **Boron Plus** reached a width of 1cm or more.

Only 60% of the competitor product flower buds reached 1cm or more.

Comparison on Style Length

Below is RLF-treated. Above is competitor product.

The average style length of those treated with RLF **Boron Plus** measured 1.54cm, with the average competitor product style length measuring 1.29cm.

The good performance of style can greatly improve the ability of pollination and fertilisation. It also reduces fruit drop caused by poor pollination and fertilisation.

Overall Trial Results

By foliar spraying with RLF **Boron Plus** on two occasions, the honey pomelo trees were rapidly replenished with nutrients. This resulted in greater leaf surface, reduced number of deformed flowers, increased pollination and fertilisation capacity and improved fruit setting rate of normal flowers.

All of these factors ensuring a good harvest in autumn.

*RLF **Boron Plus** gives farmers a safe and efficient plant nutrition product*

About RLF Boron Plus

Boron Plus is a foliar fertiliser for targeted plant repair.

It delivers the remedy directly to the crop through the leaf for the plant's immediate use. This is the most efficient and effective way to deliver boron to the plant when a boron plant disorder is recognised.

RLF **Boron Plus**:

- ✓ is based on the science of crop nutrient removal
- ✓ bypasses soil deficiency by delivering the plant's immediate nutrition needs through the leaf
- ✓ is easy to apply
- ✓ is a stable solution that has proven compatibility with many crop protection products
- ✓ gives the plant more energy to handle environmental conditions better