RLF HELPS FARMERS SOLVE NUTRIENT DEFICIENCY PROBLEMS

Managing Photosynthesis in Citrus Crops Better

Authorised for release by :

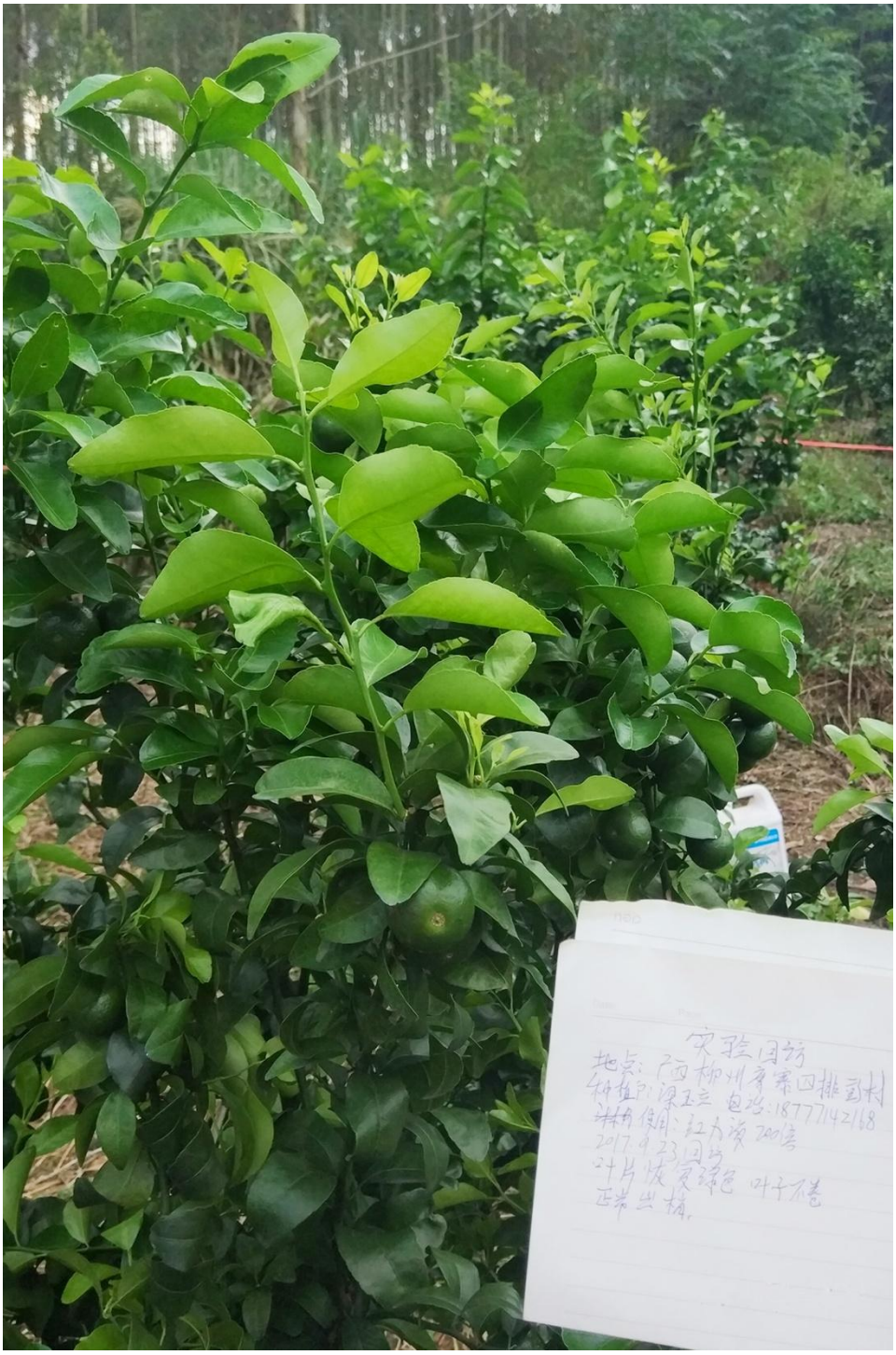
Melanie Wu,
Deputy General Manager, RLF China,
and translated by Echo Dong

A Fertiliser Program to Combat the effects of chlorosis in Citrus Trees

The balance between yield and quality of citrus has always been a major concern for citrus growers.

And in particular, the physiological disorder of chlorosis in citrus trees that causes the leaves to turn yellow, that in turn reduces the tree's ability to photosynthesise. At the same time, the citrus trees affected by this disorder create a series of escalating problems, such as bad fertiliser absorption, decreased ability to absorb water, diminished yield, reduced fruit quality, plus the accompanying economic losses to the growers.

In order to help citrus growers solve these problems and to bring a nutritional program for increasing both yield and income for the growers, the RLF Sales Manager of the Guangxi Zhuang Autonomous Region went deep into the citrus planting areas of Liuzhou, Guangxi to offer help and support whilst observing the effects of trial programs.



On the third observation day, much healthier citrus trees

The RLF Crop Nutrition Program

Trial Period	From July 2017 to September 2017
Trial Location	Xiangpeng Village, Sipai Town, Luzhai County, Liuzhou City, Guangxi Zhuang Autonomous Region
Demonstration Farmer	Liang Yuli
First Application Date	14th July 2017
Fertiliser Program	Fertigation with RLF **Plant Milk High-K** at 200 times dilution
First Observation Date	**28th July 2017**
Record of Observation	*"The partial leaves have started to turn green. The farmers can not really see or feel the obvious effects at the moment. However, taking the surrounding eucalyptus trees as a reference, it is possible to see that some leaves have begun to turn green".*

ON THE DAY FERTILISER WAS APPLIED

ON OBSERVATION DAY TWO WEEKS LATER

Second Application Date	28th July 2017
Fertiliser Program	Fertigation with RLF **Plant Milk High-K** at 200 times dilution
Second Observation Date	**14th September 2017**
Record of Observation	*"The citrus treated with RLF **Plant Milk High-K** are showing significant positive effects at this stage, such as the normal growth of autumn shoot, all the leaves have turned green and there is no leaf curl".*
Third Observation Date	**23rd September 2017**
Record of Observation	*"The RLF **Plant Milk High-K** treated citrus trees now have evenly distributed fruit, with big fruit size and no cracking. Whereas the Control citrus trees have obvious leaf nutrient deficiency and leaf curling symptoms. At the same time, the Control trees fruit is small and the cracking phenomenon is serious".*

The Value of a Targeted Crop Nutrition Program

Plant Milk High-K can effectively prevent the physiological chlorosis of fruit trees, regulate the internal nutrient balance of fruit trees, promote fruit enlargement, ensure good fruit size and reduce the occurrence of the fruit cracking phenomenon.

Plant Milk High-K is a specialised crop nutrition fertiliser for irrigation systems or for in-ground furrow application. Its formulation has 3 vital macro elements and 3 essential micro elements. It delivers a multi-spectrum nutrient package, **high in available potassium** directly to the plant through overhead watering or furrow injection systems.

It has many beneficial features, and some of these are that it gives:

- ✓ greater plant protection
- ✓ increased growth
- ✓ improved yield qualities
- ✓ highly concentrated, optimally balanced and matched nutrients to suit crop demand
- ✓ easy to mix solution that is quick to disperse and is friendly on irrigation equipment
- ✓ help to stimulate soil biological activity that in turn generates enhanced crop health