

SHOWCASING THE KYOHO GRAPE

A story worth telling from Sichuan Province China

by Echo Dong, Marketing Officer



Overview

Kyoho grapes are one of the largest and sweetest grapes on the market and often reach the size of small plums. If managed well and pruned meticulously they will grow in uniform clusters. The fruit have a jet coloured, almost black skin that is thick and bitter and usually removed prior to consumption. They have a very juicy flesh that is gelatinous in texture and have a moderately low acid content. Kyoho grapes contain large fully developed seeds, but it is hoped that seedless varieties currently under development will be successful and be able to retain the qualities of the seeded variety with high sugar levels.

The Kyoho grape is native to Japan and was introduced into China in 1959. It was promoted in large areas throughout the country and became one of the main popular varieties for fruit growers. The Kyoho grape is generally a successful crop variety as it has the features of strong adaptability, disease resistance and resistance to cold climate. The skin, flesh and seed are easily separated so it is a versatile food crop as it has multiple uses.



Recent years have seen a decline in the quality of the Kyoto grape crop which has greatly affected its commodity value and market competitiveness. This has been largely due to the relentless pursuit of crop output and poor crop management. For these reasons it is necessary to pay close attention to the comprehensive management of production and quality, so as to improve its quality.

Evaluating RLF Products in Pursuit of Higher Quality Outputs

Many Kyoho grape growers took part in a trial of RLF products as the best choice to turn the situation around.

RLF's Sales Manager in charge of Sichuan Province, Li Jiancai, visited the grape growers in Group 3 of Dujia Village, Chezi Town, Shizhong District, Leshan City, Sichuan Province on 9th March 2017 for the first time to check on the progress. The farmer undertaking the trial was fertilising the grapes.



Luo Xin
Local Distributor

Wu Panchun
Test Farmer

The RLF Program Used

1. Drip irrigation with **Plant Milk High-N** and **Dynamo High-P** at 600 times dilution on 9th March 2017. This was the first process.
2. Drip irrigation with **Plant Milk High-N** and **Dynamo High-P** at 400 times dilution on 18th March 2017. This was the second part of the program.
3. Spray with **Ultra Foliar Fruits & Veggies Plus** at 500 times dilution on 23rd March 2017. This was the third process.



The first fertilisation process



The third fertilisation process

The Excellent Results



From the photos we can see that the formulations of **Plant Milk High-N** and **Dynamo High-P** can accelerate the germination of spring shoots and promote the growth of root system. And it can promote the transformation of nutrition and increase the rate of photosynthesis in low temperature and periods of low light.



The RLF Sales Manager Li Jiancai found that his observations of the shoot growth was limited, and the leaf gloss was weak in the Control grapevines – and under these conditions they will be susceptible to disease. Those vines treated with RLF products however were more robust and were showing signs of health and strength.



Grape field

Showcasing the RLF products used:

Plant Milk High-N and **Dynamo High-P** are both highly specialised RLF Fertigation products that deliver the optimum levels of the required nutrient at the time the crop needs it most. They :

- ensure greater plant protection, increased growth and improved yield qualities
- are highly concentrated, optimally balanced with matched nutrients to suit crop demand
- are easy to mix, quick to disperse and friendly on irrigation equipment
- stimulate soil biological activity and generate enhanced crop health



Ultra Foliar Fruits & Veggies Plus is a 12 nutrient High-analysis Broad-spectrum foliar fertiliser that :

- increases growth and improves yield qualities
- guards against soil nutrient variability and deficiency
- delivers a greater size and volume root system
- returns more matter to the soil enhancing natural soil fertility



Conclusion

The test farmers are very satisfied with the RLF products. They have high expectation that they will harvest sweet fruits as a result of their participation in this trial.

The RLF products used provided the needed nutrients for the Kyoho grapevines, whilst improving the utilisation ratio of water and fertiliser. And every drop of the **Ultra Foliar Fruits & Veggies Plus** is rich in RLF's unique nutrient delivery system (NDS) to ensure that the nutrients can be safely and quickly absorbed by the leaf directly to the cell. This gives the needed nutrition for the grapevines without any damage to the plant at all.

At RLF, we are dedicated to finding solutions that overcome difficulties in plant nutrition. This is done by placing the interests of our customers first and foremost and by working with them as they strive for better crop quality outcomes to support their growing enterprises. This is a great result for the Kyoho grape.

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