

## FOUR INDICATORS OF HIGH QUALITY GRAPES

How using an RLF Crop Nutrition Program of Foliar and Fertigation Delivers

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The grape season is coming and grapes of all varieties will soon be on the market. As a stand out in the grape family, the grape variety, Tengren, is popular to purchasers because of its early maturity, high-level sweetness, bright colour and full bodied qualities.

What follows is an informational and pictorial view of a demonstration trial using an RLF crop nutrition program for these grapes.

### Details of the Trial

<b>Farmer</b>	Ma Zhuhua
<b>Location</b>	Majiabang Village, Daqiao Town, Nanhu District, Jiaxing City, Zhejiang Province
<b>Variety</b>	Tengren
<b>Trial Area</b>	5mu (0.33 hectare) land





## INDICATOR NO.1

### Fruit Powder

naturally generated white frost on the skin of grapes

The amount and uniformity of fruit powder is an important indicator to the healthy cultivation of grapes. The main components of grape powder are carbohydrates, and they are products of photosynthesis. Therefore, the sweeter the grapes are, the better the fruit powder is. In addition, the grape with uniform fruit powder usually has a good colour conversion condition – a high face value and relatively high selling price.



## INDICATOR NO.2

### Colour and Lustre

which is a perfect display of the quality of the grapes

If the appearance of the grape is good, it is easy for fruit merchants and consumers to instinctively and immediately choose them. The main pigment that determines the colour of the fruit is anthocyanin. Generally speaking, anthocyanin content will increase with the increase of sugar content. During the fruit colouring period, the potassium element can promote the accumulation of sugar in the fruit, calcium can increase the sugar and fragrance of the berries, and boron is beneficial to the formation of aromatic substances, the increase of sugar and the improvement of the quality of berries.





### INDICATOR NO.3

#### Fruit Size

The grape grown in Mr Ma's orchard is very large and plump.

It is often called 'a table tennis grape' with more than 20 grams of fruit per panicle.



RLF-treated grapes

### INDICATOR NO.4

#### Fruit Yield

Mr Ma's 5mu (0.33 hectare) vineyard picked nearly 20,000 kilograms of grapes, and the harvest was particularly gratifying.

Because the sugar content is higher and the fruit is bigger, a better price can be gained in the local area market.



RLF-treated grapes

## The RLF Crop Nutrition Program for growing Better Grapes

There are four indicators for growing high quality grapes. But only one key cultivation factor for growing them – an RLF Better Grape Nutritional Program, as promoted by the RLF technical team.



Grapes

Fertilising time	Method
<b>Ten days after germination, before flowering</b>	Furrow injection with <b>Plant Milk High-N</b> at 5kg per mu ( $\approx 670\text{sqm}$ ). Foliar spray with 20ml <b>Fruits &amp; Veggies Plus</b> diluted with 30 jin (15kg) water.
<b>Fruit setting period</b>	Furrow injection with <b>Dynamo High-N</b> at 5kg per mu ( $\approx 670\text{sqm}$ ). Foliar spray with 20ml <b>Fruits &amp; Veggies Plus</b> diluted with 30 jin (15kg) water.
<b>First expansion period</b>	Furrow injection with <b>Dynamo High-N</b> at 5kg per mu ( $\approx 670\text{sqm}$ ). Foliar spray with 20ml <b>Fruits &amp; Veggies Plus</b> diluted with 30 jin (15kg) water.
<b>Second expansion period</b>	Furrow injection with <b>Plant Milk High-K</b> at 5kg per mu ( $\approx 670\text{sqm}$ ). Foliar spray with 20ml <b>Fruits &amp; Veggies Plus</b> diluted with 30 jin (15kg) water. Apply three times at ten day intervals.



### Ultra Foliar

- ✓ Taken up by the leaf through the cell walls for the plant's immediate use.
- ✓ High-analysis and Broad-spectrum for fruits and vegetables.
- ✓ Guards against soil nutrient variability and deficiency.
- ✓ Increases growth and improves yield qualities.
- ✓ Returns more matter to the soil enhancing natural soil fertility.
- ✓ Delivers a greater size and volume root system.



### Fertigation

- ✓ Specialised for irrigation systems.
- ✓ Specialty formulation with 11 essential elements.
- ✓ Greater plant protection, increased growth and improved yield qualities.
- ✓ Highly concentrated, matched nutrients to suit crop demand.
- ✓ Easy to mix, quick to disperse and friendly on irrigation equipment.
- ✓ Stimulates soil biological activity and generates enhanced crop health.



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