

A 10% INCREASE IN YIELD FOR WATER SPINACH ?

How this can be achieved with RLF Specialty Liquid Products

by Echo Dong, Marketing Officer



Overview

The water spinach is also known as hollow vegetable or bamboo food.

It is called hollow vegetable since its stem is hollow, this being the case as well with bamboo – hence its two common names.

As a rich green human food plant the water spinach is rich in vitamin A, vitamin B, vitamin C, niacin, protein, fats, phosphorus and iron. It is believed that its vitamin B1 content is 8 times greater than that contained in tomato. In addition, the water spinach has the important human health function of stimulating peristalsis, which is the involuntary muscle movements that keeps food moving through the digestive system to aid normal gut function.



Water Spinach

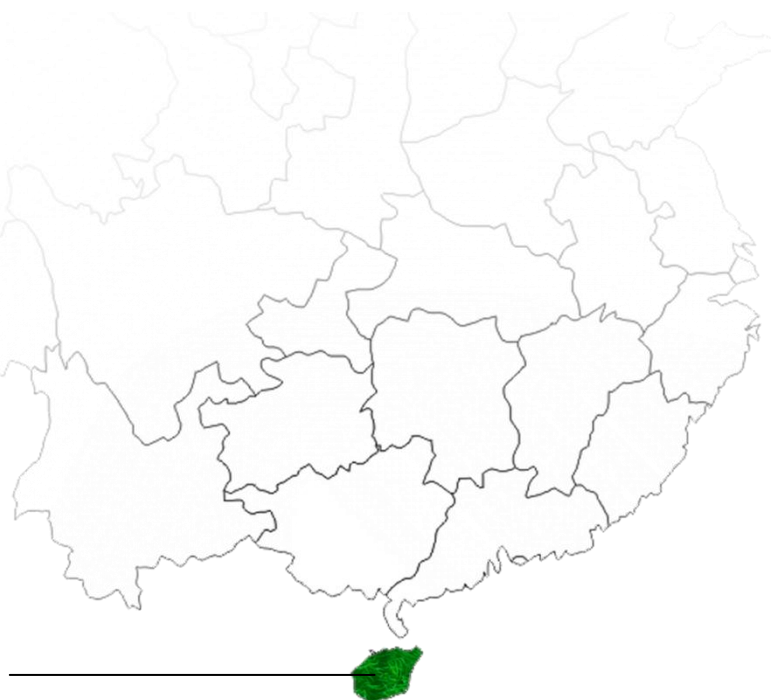
The Water Spinach Conundrum

In order to cultivate good water spinach, vegetable growers have racked their brains.

They need to successfully grow water spinach with high value, good looks and delicious taste. How to do this is the question ? Some farmers decided to use RLF's Ultra Foliar product **Fruits & Veggies Plus** and this proved a good choice.

General Manager RLF China, Dr Mike Lu personally paid a visit to the water spinach growers in Sanya Hainan Province on 21st November 2016, to check on the application effects for the water spinach crop.

The growers believe that excellent yield was the result, very easily reaching an increase in production by 10%.



Sanya Hainan Province

The Excellent Results

The photo images that follow highlight how healthy this crop was, and the nutritional plan used by the growers is outlined.



The RLF Crop Nutrition Program and Method

Fruits & Veggies Plus Ultra Foliar was the RLF product used. It is a High-analysis Broad-spectrum Solution (HBS) that delivers its nutrient package when sprayed onto the leaf. It is highly concentrated and contains the optimum amount of 12 nutrients with a single application. Because of this **Fruits & Veggies Plus Ultra Foliar** enables the plant to guard against soil nutrient variability and any soil deficiency and gives greater plant protection, increased growth and improved yield qualities.



Ultra Foliar

The growers applied RLF **Fruits & Veggies Plus** with 60ml per mu on the water spinach crop on the third or fourth day after seeding.

When compared with that of the the control fields, the water spinach that was treated with RLF product has :

- improved root length
- more fibrous root
- a stem that is 0.2cm thick
- a plant that is 5cm high
- with an overall field increase of 10% more than the control field



In addition, the plant was able to be harvested earlier, and it has significantly improved quality and great taste.

The growers asked; why then is the difference between the two fields so big?

The experts said that most crops are not short of nitrogen, phosphorus and potassium at present, but it is the lack of balanced nutrients in the trace elements. Even with such leafy vegetables as the water spinach, the nitrogen absorption has already been saturated. It is therefore the deficiency in trace elements that can be adequately and exactly met by the RLF **Ultra Foliar Fruits & Veggies Plus**.

Conclusion

All the growers on the day therefore concluded that the secret to increasing both production yield and quality is by applying the RLF **Ultra Foliar Fruits & Veggies Plus**.

This product gives balanced crop nutrition and better crop outcomes in both an economic sense and in terms of healthy human food.



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