

## CROP NUTRITION ADVICE FOR HORTICULTURAL CROPS IN HEBEI PROVINCE

**RLF Technical Team Continues to Provide Support and Expertise**

Authorised for release by:

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### Into the Field with the Tech Team

Since 6th April 2020 the RLF Technology Team has been in Hebei Province. They have worked in tandem with Shijiazhuang Zhanmai Agricultural Materials, and moved around Shijiazhuang, Xinle and other places to evaluate the greenhouses and to get an understanding of the local planting situations and problems. As part of this tour they have provided technical consulting services for the local farmers and growers.

### Evaluation of a Strawberry Crop

Test Location	Nangaoli Village, Xingtang County, Shijiazhuang City, Hebei Province
Test Farmer	Liu Lifan
Test Evaluation Date	11 <sup>th</sup> April 2020
Test Nutrition Program	Fertigation with RLF Plant Milk High-N at 5kg per mu, on 21 <sup>st</sup> March 2020



The Technology Team giving guidance to strawberry growers







- Compared with the Control crop, the leaves treated of those plants treated with RLF products were thicker and greener, and the flowers were stronger.
- Through chlorophyll detection, the average value of chlorophyll in the Control area was 29.6, whilst the RLF-treated test area reached **33.5**.
- The yield increase trend reached **11.64%**.



At the on-site observation meeting, the RLF Technology Team shared and explained the fertilisation management technology for strawberries.

## Evaluation of a Ginger Crop

Test Location	Xieshen Town, Xinle City, Hebei Province
Test Farmer	Zhang Xinli
Test Evaluation Date	11 <sup>th</sup> April 2020
Test Area	20mu





**At the on-site observation meeting, the RLF Technology Team gave guidance and detailed instructions to Mr Zhang for managing ginger fertilisation, selection of ginger species, trenching and shed film laying technologies.**

### Evaluation of a Muskmelon Crop

Muskmelon is the 'brand' of agriculture in Xinle City. The RLF Tech Team visited the concentrated areas of melon cultivation in Hantai Town and Dongwang Town to help solve several of the planting problems being experienced by local growers.



Cracked melon is a physiological disease that leads to a decline in the quality and commerciality of muskmelons – and this affects sales and prices. The causes of young fruit cracking are:

- improper use of hormones, such as an excessive concentration and/or high temperature treatment
- lack of trace elements such as calcium and boron in the soil
- management measures such as water supply imbalance and the excessive temperature differences between day and night in the later stage of fruit setting.

As for the planting problems seen during the visit, the Team also gave further advice and solutions to the local growers at the Technical Exchange Meeting held later in the day.



**The evening's education and information session**

### **RLF's Agricultural Technology Service Activities are in Progress**

Based on their professional experience, combined with the local planting situation observed and through face-to-face communication, the Team provides scientific guidance on the issues that need attention paid to in the local crop management.

This helps lay a foundation for the growers through to harvest.

Since the opening of RLF Agricultural Technology Service, it has been widely recognised as a positive and beneficial service by the majority of growers. Up to now, the activities have covered Hainan, Sichuan, Shandong, Liaoning, Hebei, Henan as well as some other places, and they have proven to provide good products, good understanding of the technologies involved and services to growers.

In the future, RLF will continue to work hard to cover more crops and more areas, so that a better understanding of crop nutrition is passed to as many farmers and growers as possible.

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