

CROP NUTRITION FOR MANGO

How an RLF Fertiliser Program Restored Health

Authorised for release by:

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

Mr Feng is a mango grower in Lingshui, Hainan Province. The variety of mango that he grows is Jinhuang.

During the mango flowering season in September, his usual practice of applying the chemical cytokinin was undertaken twice, but the bud head still showed no growth. Mr Feng became worried about his mango trees.

In order to solve this problem, he, together with members of the RLF Technical Team reviewed his mango garden to check out the specific situation and to provide advice. A mango nutrition program was decided upon according to the actual situation, and a trial between Control and RLF-treated areas was established to compare the application effects.

The First Mango Flower Forcing Test

Location	Nanmao Farm, Lingshui, Sanya	
Farmer	Feng Zhaofu	
Variety	Jinhuang Mango	
Program	Date	RLF Product Used
	11 th September 2019	Foliar spray with Power PK at 1000 times dilution



Two Weeks Later...



At the return visit two weeks later on 25th September it was found that the flowering spikes in the RLF-treated area grew evenly and the flower-forcing effect was obvious. However, in the Control area the spikes were small and uneven.

In order to eliminate the influence of light and position, the RLF Technicians selected 30 trees from both the RLF-treated area and the Control area to count the actual number of flower spikes. This is what they found:

The Number of Flower Spikes on Trees

Location	RLF-treated	Control
On the mountain	48.3	41.8
Hillside	36.6	32.2
Downhill	39.4	33.5

In each of the growing locations the number of flower spikes in the RLF-treated area was significantly higher than that in the Control.

Mr Feng was very satisfied with the application effects of RLF **Power PK**.



The Second Mango Flower Forcing Test

Location	Nantian, Lingshui, Sanya	
Farmer	Ren Hua	
Variety	Jinhuang Mango	
Program	Date	RLF Product Used
	9 th September 2019	Foliar spray with Power PK at 1000 times dilution
	11 th September 2019	Foliar spray with Power PK at 1000 times dilution



The Grower and RLF Technician with the Crop

The Return Visit on 26th September

The flower spikes of the area treated with RLF **Power PK** were evenly grown, and the flower-promoting effect was obvious. The flower-promoting effect of the Control area showed a big difference, with them mainly concentrated at the top of the tree. The sprouting of the bud head was very obviously different, and the amount of flower spikes was relatively small.

The number of actual flowering spikes was counted from 30 trees with the numbers of spikes being 56.9 (in the RLF-treated trees) and 50.3 (in the Control trees).

The Third Mango Flower Forcing Test

Location	Nantian, Lingshui, Sanya	
Farmer	Xu Dehai	
Variety	Jinhuang Mango	
Program	Date	RLF Product Used
	9 th September 2019	Foliar spray with Power PK at 1500 times dilution
	11 th September 2019	Foliar spray with Power PK at 1500 times dilution



Showing the Trial Site



The Power of RLF Power PK

As these three demonstration test sites show, the use of RLF **Power PK** can effectively break the dormancy of mango top bud and shorten the time of flower induction. It assists the mango tree to neatly flower, and to also make the flower stem red and strong.

These three farmers all benefited from a considered and scientifically assessed crop nutrition program, and the RLF Sales & Technical Team are all ready and willing to help and advise customers.



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