

## EXCELLENT RESULT!

Increased Quality and Yield for Pigment Pepper with RLF Crop Nutrition Program

Authorised for release by:

**Melanie Wu,**  
Deputy General Manager, RLF China

This is an inspirational story and one that should be shared.

**1,290**

Kg per Mu  
Increase in Yield.

**AN EXCELLENT  
RESULT.**





In a pigment pepper field in Linhe District, Bayannaoer, in Inner Mongolia, the dazzling red colour comes into view, and more than 20 workers can be seen picking the fruit – it is a bustling harvest scene.

Farmer Xu is pleased to see the harvest in the field. He said, "The quality is better than last year. There are more peppers, the colour is good, and I'm delighted with the results".

RLF's Agronomist compared the quality and yield of the peppers following an evaluation trial. This is the story in pictures of the trial.



**Workers picking in the field**



**Peppers after pickup**



**RLF Agronomist (left) with farmer Mr Xu**



## Details of the Evaluation Trial

<b>Location</b>	Linhe District, Bayannaoer, Inner Mongolia		
<b>Farmer</b>	Mr Xu Chenglin		
<b>Crop</b>	Pigmented Chilli		
<b>RLF Crop Nutrition Program</b>	<b>Growth Stages</b>	<b>Products Used</b>	<b>Application Rates/Method</b>
	Seeding Stage	Broadacre Plus	25ml/mu, foliar spray
		Plant Milk High-N	1.5kg/mu, fertigation
	Bud Stage	Dynamo High-P	1.5kg/mu, fertigation
	Full Fruit Stage	Plant Milk High-K	2.0kg/mu, fertigation

### 1. Overall Plant Comparison

The RLF Agronomist randomly selected four pepper plants from both Demonstration field and Control field.

It was evident that the plants in the Demonstration field had greener leaves, with more fruits, and that the plants displayed more vigorous growth.



### 2. Root Comparison

The roots of the peppers that were given the RLF Nutrition Program were more robust, had thriving healthy root systems that had absorbed the nutrients effectively.





### 3. Pepper Thickness Comparison

The wall thickness of the peppers in the RLF Program is meatier and was measured at 2.31mm. The wall thickness of the Control fruit was 1.52mm. This effectively increases the individual weight of the fruit.





#### 4. Yield Comparison

The four plants randomly selected from the Control area totaled 81 peppers.

The four plants randomly selected from the RLF-treated area totaled 129 peppers.

The average weight of the Control plant was **0.490kg**, and the average weight of the RLF-treated plant was **0.825kg**.





## The All-Important Bottom Line – Increase in Yield

According to the measurement results, the average yield of fresh pepper per Mu in the evaluation trial field reached 3,155kg, an increase of 1,290kg over that of the Control field.

	Av. Number (per plant)	Av. Weight (kg/plant)	Plants/Mu	Theoretical yield (kg)	85%* Theoretical yield (kg)	Increase in Yield (kg)
<b>Control</b>	11.25	0.49	4500	2,194	1,865	
<b>RLF-treated</b>	32.25	0.825	4500	3,712.5	3,155	<b>+1,290</b>

## Concluding Comments

As was demonstrated from the application of an RLF crop nutrition program in the evaluation trial, it is evident that the pepper plants can effectively achieve the goal of a more muscular root system with more robust leaves. The number of peppers increased significantly, and the fruit walls were thick and fleshy.

And excellent results such as these, undoubtedly increases the farmers' incomes.



The content of this media page was accurate and current at the time that it was written. This media release is provided for interested customers and other parties, and will remain a matter of RLF's historical record. Viewed in this context RLF therefore undertakes no obligation to update either material or content.