

SHARING STORIES OF WHEAT CROP SUCCESS

Authorised for release by:

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How RLF Broadacre Plus Helped set the Crop for Early Success

Earlier this year, from February to March, in an effort to support growers during the COVID-19 pandemic, RLF, through the 191 platform, donated 400 packages of crop nutrition products **Broadacre** and **PowerPK** (totalling approximately 160,000 yuan) to wheat and rice growers in Hubei, Zhejiang, Anhui, Henan and other provinces for free. This helped farmers struggling through the pandemic to achieve high-yield and high-quality field crops. During this period, considerable favorable feedback from the farmers and growers was received.

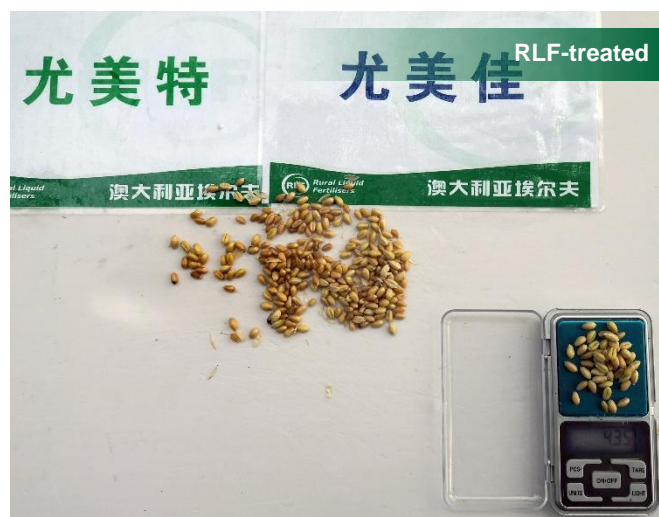
At present, the wheat harvest is maturing, and members of the RLF Technical Team went to Jiangsu, Henan, Anhui and other places to measure the production and discuss outcomes with the growers. What follows are their stories:



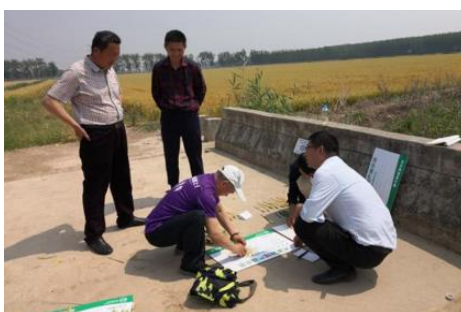
Case Sharing No.1

Date of Visit	26 th May 2020	
Location	Xinhe Village, Jinsuo Town, Sihong County, Jiangsu Province	
Grower	Zhou Tao	
RLF Program	Application Time	Method
	Tillering stage (20th March 2020)	Apply 1L Broadacre Plus for 25 mu land
	Rupturing stage (20th April 2020)	Apply 1L Broadacre Plus for 25 mu land
	Grouting period (3rd May 2020)	Apply 1L Power PK for 25 mu land

Production Measurement Site



The wheat sprayed with the RLF **Broadacre Plus** and **PowerPK** package had larger ears and denser grains. 50 grains of each wheat crop were randomly selected for weighing and comparison during the visit. The fresh weight of 50 grains was **4.18g** for the Control crop and **4.35g** for the RLF-treated crop.



Wheat grower Mr Zhou participates in the process of evaluation and measurement

Product Evaluation Results

RLF-treated	Ear numbers (10,000/mu)	Seed numbers per ear/per mu	1,000 grain weight (g)	Theoretical yield (kg/mu)
Point 1	53.07	32.9	43	750.77
Point 2	45.34	33.2	43	647.21
Point 3	61.87	35.4	43	841.78
Average				770.39
Control	Ear numbers (10,000/mu)	Seed number per ear/per mu	1,000 grain weight (g)	Theoretical yield (kg/mu)
Point 1	47.47	30.2	43	616.43
Point 2	53.34	30.0	43	688.03
Point 3	49.87	28.1	43	602.57
Average				627.4
Increase				142.99/22.79%

As the yield evaluation and measurement results indicate, Mr Zhou's average yield per mu for the Control crop was **627.4kg**, and for the crop treated with RLF crop nutrition products, it was **770.39kg**.

The average yield increased per mu was **142.99kg** – the increase rate was **22.79%**. This was an amazing result and wheat farmer Mr Zhou was delighted with the results.



Case Sharing No.2

Date of Visit	26 th May 2020	
Location	Dongsha Village, Peixu Town, Siyang County, Jiangsu Province	
Grower	Lu Daoquan	
RLF Program	Application Time	Method
	Tillering stage	Apply 1L Broadacre Plus for 25 mu land
	Rupturing stage	Apply 1L Broadacre Plus for 25 mu land
	Grouting period	Apply 1L Power PK for 25 mu land

Production Measurement Site



When compared with the Control crop, the wheat treated with the RLF **Broadacre Plus** and **PowerPK** package showed better yellowing and higher maturity.



Sampling and measurement underway

Product Evaluation Results

RLF-treated	Ear numbers (10,000/mu)	Seed numbers per ear/per mu	1,000 grain weight (g)	Theoretical yield (kg/mu)
Point 1	35.2	31.6	41	456.1
Point 2	45.6	37	41	691.8
Point 3	43.74	26.9	41	482.4
Average				543.4
Control	Ear numbers (10,000/mu)	Seed number per ear/per mu	1,000 grain weight (g)	Theoretical yield (kg/mu)
Point 1	21.87	31.2	41	279.7
Point 2	52	33.5	41	714.3
Point 3	33.6	34.4	41	473.9
Average				489.3
Increase				54.1/11.06%

According to the yield test results, Mr Lu's average yield per mu for the Control crop was **489.3kg**, and for the crop treated with RLF products was **543.4kg**. The average yield increased per mu was **54.1kg**, the increase rate was **11.06%**.



Happy grower Mr Lu with RLF Technician in the wheat crop

About the RLF Crop Nutrition Package

The RLF **Broadacre Plus** and **PowerPK** package is rich in medium and micro nutrients. They have high absorption and utilisation rates, breaking the yield bottleneck caused by the invisible loss of nutrients (sometimes referred to a 'hidden hunger') in the crop. Good crop nutrition, as supplied by RLF specialty fertiliser products, increase both yield and quality of the wheat – as has been demonstrated by these two success stories.



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