WHEAT GROWS BETTER WITH RLF SPECIALTY CROP NUTRITION

Foliar Spray with Broadacre Plus Proves to be a Winning Practice

Authorised for release by:

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

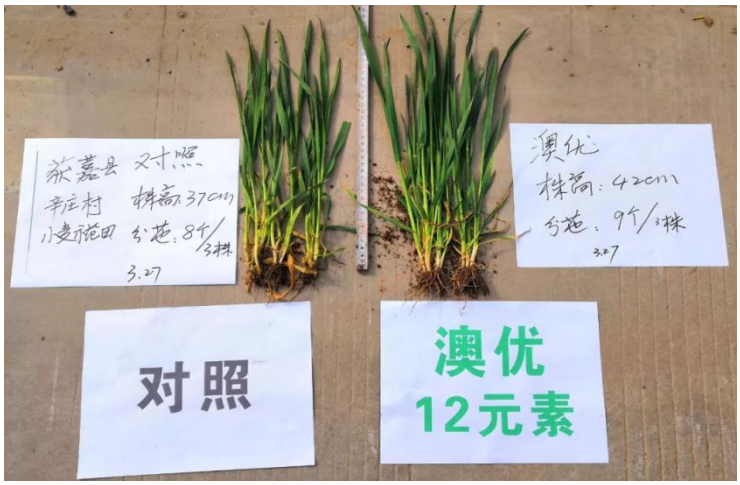
During the key period of wheat heading, flowering and filling, is the corresponding peak period for the crop to accumulate nutrients, increase grain weight and achieve high yield. In order to find a more productive and easier-to-operate management method for wheat, the RLF Sales and Technical Team conducted an experiment on a wheat field in Huojia County, Xinxiang. They also returned to verify the application effects of the RLF product on wheat.

The Demonstration Crop

Date	26th April 2019
Location	Weizhuang Town, Huojia County, Xinxiang City, Henan
Demonstration Farmer	Tang Xiaopeng
Crop Variety	Wheat
Application Method	March 8, 2019 Foliar spray the RLF **Broadacre Plus** at 50mL/mu.
	April 23, 2019 Foliar spray the RLF **Broadacre Plus** at 50mL/mu.

The first observation date was on the 27th March 2019.

The average plant height of the Control was 37cm with that of the RLF-treated crop being 42cm.



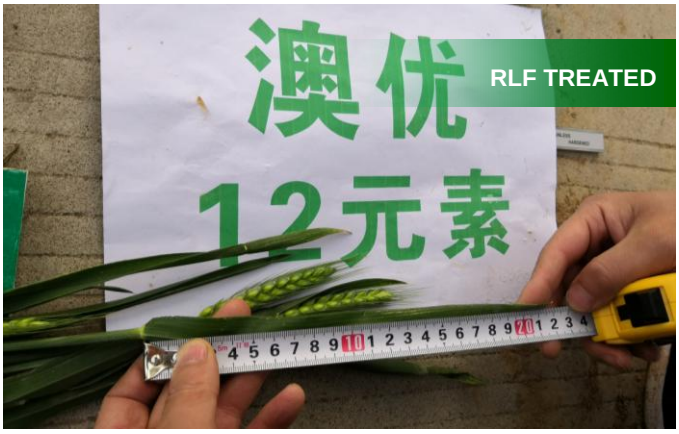
The number of tillers determines the number of wheat spikes. There were 8 tillers in the 3 Control wheat seedlings, and 9 tillers in the 3 wheat seedlings treated with RLF products.

The second observation date was 26th April 2019.

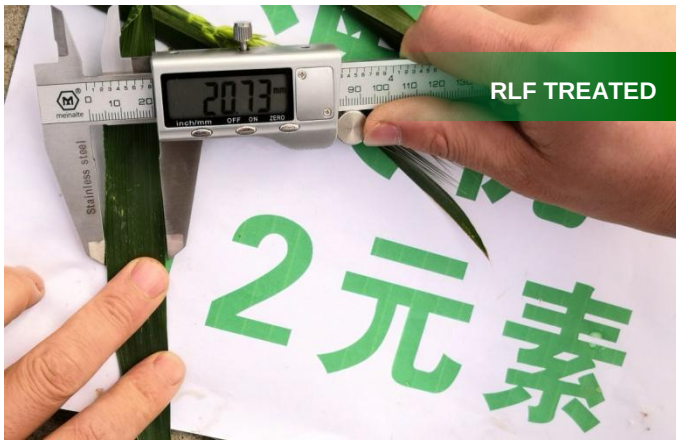
RLF staff carry-out rigorous data measurement.

The wheat to be measured was placed on the roadside where farmers passing by were attracted by the obvious contrast effect. They too, requested a consultation with the RLF Team.

Comparisons | On Leaves



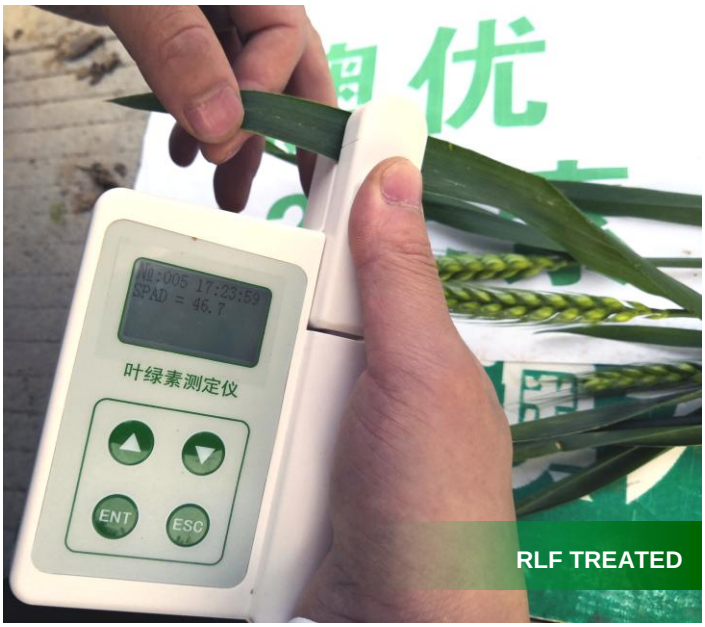
The **average** length of the Control leaf was 181.23mm, with the **average** length of the RLF-treated leaf being 189.91mm.



The **average** width of the Control leaf was 19.62mm, with the **average** width of the RLF-treated leaf being 22.15mm.

Comparisons | On Chlorophyll Content

Leaf position	CK(SPAD)	RLF-treated (SPAD)
Flag leaf	42.05	47.30
Second leaf	44.33	47.56
Third leaf	39.75	43.51



Showing the measuring process for the measurement of chlorophyll content

Comparisons | On Wheat Spike

	Control (mm)	RLF-treated (mm)
Wheat Spike Length	78.71	80.13
Wheat Spike Width	9.13	11.02

Showing the measuring process of the measurement of wheat spike length

Showing the measuring process of the measurement of wheat spike width

Comparisons | On the Internodes below the Spike

	Control (mm)	RLF-treated (mm)
The diameter of the internode below the spike	**4.15**	**4.44**

Showing the measuring process of the measurement of diameter of the internode below the spike

Conclusion

- The wheat treated with RLF products had thick stems and increased tillers
- The functional leaves of the wheat treated with RLF products had high chlorophyll content and strong photosynthetic capacity
- The wheat treated with RLF products had large ears and more grains

In early May, during the filling period, the test farmer will foliar spray the RLF Broadacre Plus once more in the demonstration area to prolong the filling time, supplement nutrients needed for growth, increase 1000-grain weight and achieve high and stable yield.

The RLF staff will also return to the site for yield measurement and follow-up of the wheat crop.