

## FOLLOWING THE UNSEASONAL COLD AND SNOW

### How Seed Priming with BSN Superstrike helped Crop Recovery

Authorised for release by :

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

In May 2018 there was a severe snowstorm in Xinjiang, and the temperature remained low. As a major agricultural region, the crops in some parts of Qitai County were also damaged badly by the extreme and varied weather.

#### Corn and Cotton

In order to see how the application of RLF's seed priming product **BSN Superstrike** had managed during these unexpected weather events, the RLF Technical Team went deep into the field to observe the growth of the demonstration field crops.

#### CORN TRIAL DETAILS

Location	Liushuhezi Village, Xibeiwan Town, Qitai County, Xinjiang
Crop variety	No. 335 Xian Yu
Trial area	20mu (1 hectare)
Seed priming date	18th April 2018
Sowing date	21st April 2018
Observation date	20th May 2018



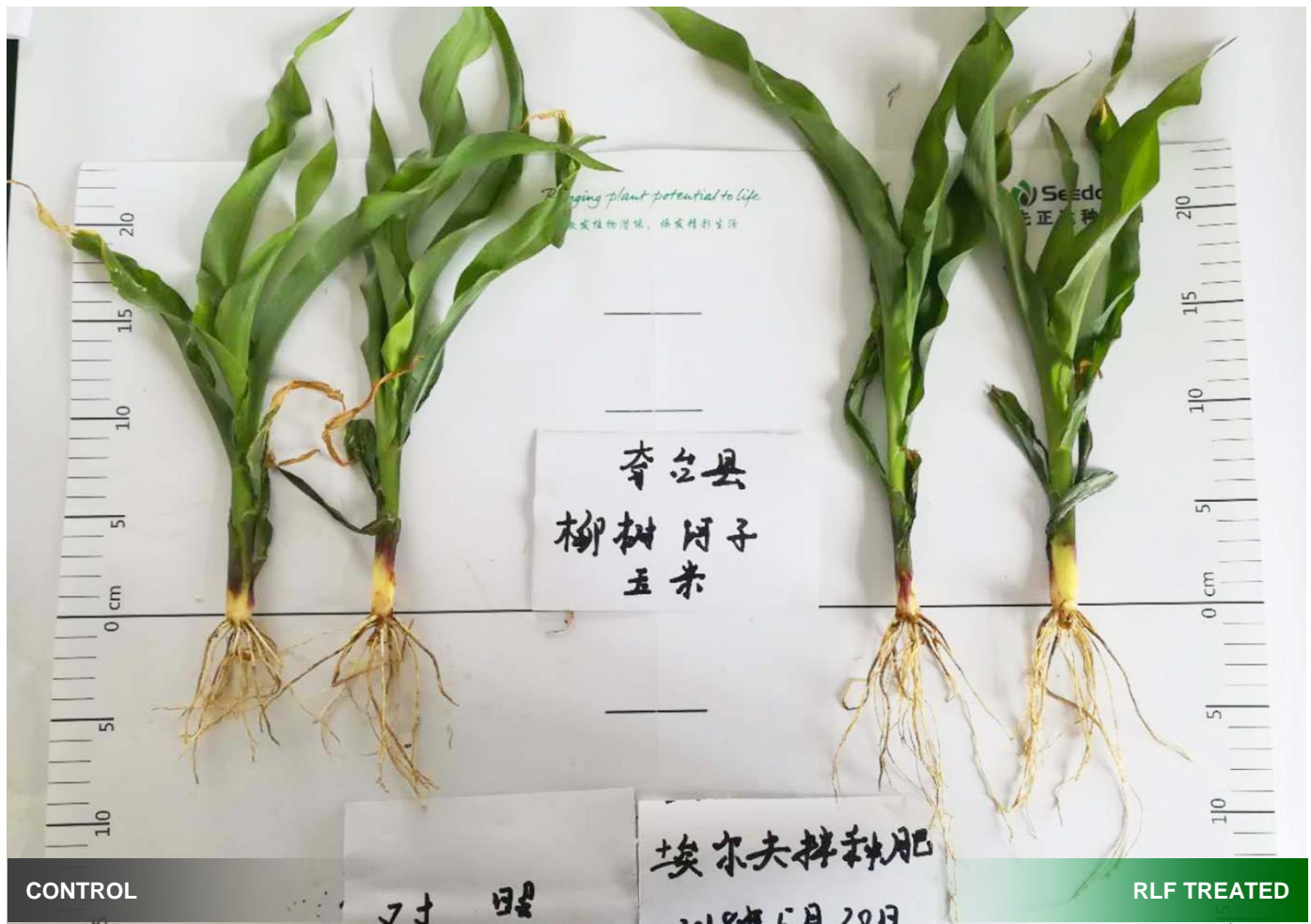
Priming the corn seed

#### Priming Method:

Mix 5ml **BSN Superstrike** with 15ml water for 1kg of corn seed. It is advisable to keep the surface of the seed covered with fertiliser with no excess liquid left in the container.



## Comparisons



### The plant comparisons 30 days after sowing

At the same sowing date and under the same growth conditions and management the corn leaves treated with the RLF products have a dark green colour, up to 15cm root length and a better developed root system.

## The Trial Field



The trial field had an even emergence of seedlings



### The Trial Field 10 Days Later



#### 10 days later, at the end of May 2018

The corn field treated with RLF products was observed to have good overall growth, robust plants, low impact due to low temperature and strong wind and strong resistance to stress.

### COTTON TRIAL DETAILS

<b>Location</b>	No. 2 Company of Fangcao Lake, Hutubi County, Xinjiang
<b>Crop variety</b>	No. 57 Xin Lu Zao
<b>Trial area</b>	85mu (6 hectares)
<b>Seed priming date</b>	12th April 2018
<b>Sowing date</b>	15th April 2018
<b>Observation date</b>	22nd May 2018

#### Priming Method:

Mix 5ml **BSN Superstrike** with 15ml water for 1kg of cotton seed. (At present, most cotton growers simply coat the seeds to prevent disease and they tend to neglect to fertilise the seed. The nutrient in the cotton seed itself is only sufficient for its rooting and germination, often producing shallow rooted cotton seedlings that miss out on all the solid foundation for seedling growth that priming the seed brings).



*Priming the cotton seed*



## Comparisons



### The plant comparisons 40 days after sowing

The Control seeds which were not primed prior to sowing grew sparse roots that were weak and shallow. Whilst, the root length of the cotton seedlings treated with **BSN Superstrike** reached 6.5cm, with more hair roots and more robust growth.

## The Trial Field One Week Later



After the wind and snow, the view of the cotton field taken one week later on 27th May 2018

The leaves were dark green and the plants were robust.

## Conclusion

Although the weather conditions were unseasonal and unfavorable in May 2018, the observation results showed that both the corn and cotton fields treated with the RLF seed priming fertiliser still produced good and effective crops.

## More about BSN Superstrike



**BSN Superstrike** Fertiliser for Seeds

BSN Superstrike is a Seed Priming Fertiliser that applies RLF seed delivery system (SDS) technology to imbibe the seed with a multi-nutrient formulation.

BSN Superstrike is a High-analysis Broad-Spectrum Solution (HBS) that provides the optimum levels of seed nutrient required by the seed in a single application. It is easy to apply, and is fast becoming the new world standard for modern farming practice, where fertilising the seed is every bit as important as fertilising the plant.

**SDS** Seed Delivery System

**Phosphorus** (P), **Manganese** (Mn), **Sulphur** (S), **Copper** (Cu), **Zinc** (Zn), **Molybdenum** (Mo)

[Click here to view this Product Brochure](#)

- ✓ Fertiliser for seeds
- ✓ Engineered delivery system that allows the seed to absorb a multi-nutrient formulation with increased phosphorus
- ✓ High-analysis and Broad-spectrum
- ✓ Supplies energy for robust early growth and the setting of higher yield potential
- ✓ 'Kick-starts' germination
- ✓ Modern-farming practice
- ✓ Easy to apply with quick uptake of nutrient by the seed

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.