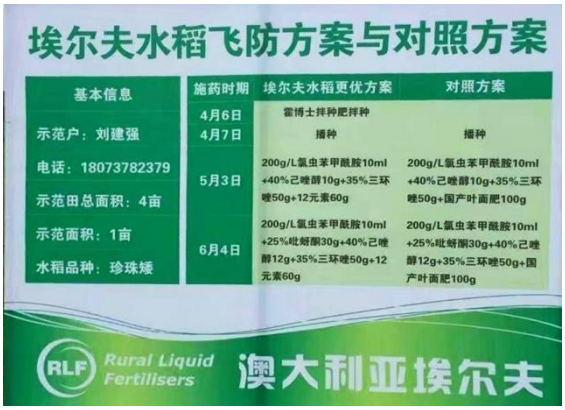
# RLF SPONSORS AN AGRICULTURE AIRPLANE CONTROL TECHNICAL EXCHANGE MEETING IN CHINA

## Crop spraying of Rice with Broadacre Plus delivers significant yield increase

**by Echo Dong, Marketing Officer and Translator**

### Overview

Officially called the Agriculture Airplane Control Observation Tour and Technical Exchange Meeting of Medicine and Fertiliser Integration for Rice, was successfully held in Yiyang, Hunan Province on 16th July 2016. It was sponsored by RLF Australia and co-organised by the Association of Professional Control of Crop Diseases and Insect Pests in Hunan Province.




Related agricultural equipment enterprises, the agricultural machinery professional cooperatives, the professional unified control service organisation, representatives of the Big Farmers and media reporters also attended the meeting. Dignitaries such as the Director of the Association Wang Jianwo, the vice station master of the Plant Protection Station of Agricultural Commission in Yiyang City Su Biao, and the station master of the Plant Protection Station of the Agricultural Bureau of Ziyang District, Yiyang City Zhang Yifu, were present at the meeting.

The meeting firstly observed the application effects of RLF **Ultra Foliar Broadacre Plus** on early season rice and an airplane control demonstration using RLF **Ultra Foliar Broadacre Plus** on one season rice. Information given to the meeting by RLF's Technical Manager Ma Deliang, said “the increased 4 to 6 yuan cost on per mu***** of rice can increase the yield by approximately 100 jin*****”. This is a significant return on investment through aerial application of **Ultra Foliar Broadacre Plus** on rice.

****** mu and jin are Chinese terms for units of measurements***

## Down to Business

Wang Jianwo summarised the status of the professional unified control in Hunan Province and put forward the 'four in one' development prospects for the meeting.

Director Wang stressed that the control of crop diseases and insect pests in Hunan Province must be transformed into the development of unified control, thereby achieving a 'seed-fertiliser-medicine-machine' – four in one development model. By applying this changed practice the technical team of the Association had successfully overcome the problems of closed weed control in rice, as well as the stem and leaf weed control. The next step is to study further the science of fertiliser integration, which not only needs to solve the problem of crop diseases and insect pests, but also to solve the problems associated with crop nutrition. This would truly realise the 'four in one' development model.

Vice station master Su Biao gave a detailed report on the development trend of the rice diseases and insect pests and the status of the professional unified control in Yiyang.

RLF's Integrated Fertiliser Management (IFM) program is perfect for meeting this important goal.

## The Unified Control Area

Yiyang's rice area is relatively large. And the rice professional unified control area reached nearly 60% of the district in 2015. Su pointed out that the plant protection UAV using low dose of product is a very good means to achieving zero or negative growth of the pesticides, but the top priority for the farmers is to achieve increased production, yield and income – therefore we can all do well to work together in a unified way to achieve this aim.


*Director Wang Jianwo*



*Vice station master Su Biao*

## How RLF's Integrated Fertiliser Management Fits this Model

The General Manager of the RLF China Dr. Mike Lu gave a special report on the exploration of the rice airplane control nutrient program, and gave further detailed information about the adaptability of the Australia RLF's **Ultra Foliar Broadacre Plus** on the airplane control according to the characteristics of the crop nutrient program. RLF Technical Manager Ma Deliang also gave a detailed report on the characteristics of **Ultra Foliar Broadacre Plus** and its application effect on the crop airplane control.

The results of the measurement trial in the **Zi shui, Ziyang District, Yiyang City** and carried out on **farmer Liu Jianqiang**'s rice field over an area of one mu of land were as follows :

| | RLF Field Ultra Foliar Broadacre Plus (Rice airplane control) | Control Field |
|---|---|---|
| Effective panicle | 203000 | 203000 |
| Seed number | 105 | 94 |
| Seed setting rate (%) | 85.7 | 84.8 |
| The1000-grain weight (g) | 26.2 | 26.1 |
| **Harvest yield** | **478.59kg/mu** | **422.34 kg/mu** |

An increase of **13.3%** in yield with the use of RLF Ultra Foliar Broadacre Plus.

**13.3%**
Yield Increase

One of the great benefits of RLF Ultra Foliar products such as **Broadacre Plus** is the ability it delivers to the plant to resist disease and adverse climate conditions. Because it provides the best combination of plant health and plant nutrition, the plant has more energy and strength to mitigate pest and disease attack. This product therefore supports the aims of this meeting.

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## Summary

The Rice Airplane Control Observation Tour and Technical Exchange Meeting demonstrated the advantage of airplane control for rice crops. It provided ideas for the future plant protection workers, professional unified control service organisation and agricultural machinery professional cooperatives in the healthy cultivation of crops. It also has a very positive effect on the further promotion of the professional unified control of crop diseases and insect pests in Hunan Province, China.

RLF is fully supportive of all these aims and organisations.