

SPECIALTY FERTILISER FOR FOOD CROPS ALSO HELPS THE FLOWER TRADE

How RLF Fruits & Veggies Plus Ultra Foliar helped Chrysanthemum Growers

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Increasing Chrysanthemum production and income



The Anhui Tribute Chrysanthemum is also called Mount Huang Chrysanthemum or Huizhou Chrysanthemum. It is one of the four most popular chrysanthemum varieties grown in China and is named in tribute to the Emperor of ancient times.

The RLF Sales Manager in Anhui Province paid a visit to the plantation of the leading grower of this variety of chrysanthemum in Jiangtangchong Village, Shangzhuang Town, Jixi County, Anhui Province to observe the results of an RLF fertiliser program trialled by the grower Wang Xingyan.



The Demonstration and Evaluation Program Details

Program time period	June 2017 to August 2017
Trial location	Jiangtangchong Village, Shangzhuang Town, Jixi County, Anhui Province
Demonstration farmer	Wang Xingyuan
Demonstration area	34 Mu (2 hectares)
Flower variety	Mount Huang Tribute Chrysanthemum
The fertiliser program and product application details	<p>First application On 13th June 2017, 15 days after transplanting, a foliar spray application of RLF Fruits & Veggies Plus Ultra Foliar at 600 times dilution PLUS fertigation with RLF Plant Milk High-N at 800 times dilution.</p> <p>Second application On 15th July 2017, during the growing period, a foliar spray application of RLF Fruits & Veggies Plus Ultra Foliar at 800 times dilution PLUS fertigation with RLF Plant Milk High-N at 800 times dilution.</p> <p>Third application On 17th August 2017, during the growing period, a foliar spray application of RLF Fruits & Veggies Plus Ultra Foliar at 800 times dilution.</p> <p>Fourth application During the flowering phase, and also after picking the chrysanthemums, a foliar spray application of RLF Fruits & Veggies Plus Ultra Foliar at 800 times dilution together with RLF Potassium Plus Foliar at 1,000 times dilution PLUS fertigation with RLF Plant Milk High-K at 800 times dilution.</p>

The RLF Team lend a Helping Hand whilst Educating

Whilst checking on the RLF fertiliser program evaluation trial, and to help farmers understand the application methods of RLF products, the RLF Technical Team spent time with many growers at the **Chrysanthemum Demonstration Base** and conducted field instruction. They also gave a helping hand to growers as they added fertiliser to chrysanthemums showing signs of stress and disease.



The RLF Technical Team assist with the fertiliser process

How the RLF Treated Flower Crop Performed

After being transplanted to the field the chrysanthemum treated with the RLF products very quickly showed stout stems, early green, healthy growth and a high survival rate.

In contrast, the seedlings of the Control field were relatively small, and experienced a low survival rate.



The chrysanthemum in the RLF-treated field had more branches, deeper green leaves and a strong stem.

In contrast, the Control field chrysanthemum showed a considerable number of yellow leaves, less branches, slender stems, signs of serious nutrient deficiency and had a much slower growth. These plants were visibly more susceptible to disease showing signs of serious root rot and leaf spot disease.



Picture Perfect – the Demonstration Field in Full Flower



The trial chrysanthemum field

The Benefits Delivered by RLF Products

- ✓ In the early budding stage, the chrysanthemums had more flowers and stronger stems and shoots.
- ✓ In the early flowering stage, the chrysanthemums were robust plants, with many flowers and good colour.
- ✓ In the harvesting stage, the chrysanthemums had good shape and were of a high quality.
- ✓ And importantly, after the flower picking, the further application of RLF **Fruits & Veggies Plus** Ultra Foliar together with RLF **Potassium Plus** Foliar will promote bud growth, improve the bud plumpness, and deliver good commodity.



The local chrysanthemum growers are very satisfied with the effects of RLF products on their flower crops.

Conclusion

In summary, the Mount Huang Chrysanthemum treated with the RLF products had four main beneficial characteristics.

1. More branches, stronger stems and deeper green leaf.
2. The signs of physiological disease was effectively solved and they showed reduced root rot and leaf spot diseases.
3. Bud sprouting was promoted with improved bud plumpness that reached a bright colour with good commodity.
4. The chrysanthemum's additional value-added use because of its rich nutrients and good taste gave an increased volume of the dried flower of between 30-40%.



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