

HOW RLF PRODUCTS BENEFITED THE ANJI WHITE TEA CROP

An Inspirational Story that Delivers Excellent Results

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About Anji White Tea

It is one of the most popular teas in China. It has the highest amino acid content in all green teas, has a taste that is fresh and sweet with a bitterness that is not obvious. It is often described as being "as fresh as chicken soup".

Anji white tea is picked only once a year. The picking season is generally from late March to late April, and the whole cycle takes only about 15-20 days. In March 2020, the RLF team reviewed an evaluation test of an RLF nutrition program on Anji White Tea. It achieved the result of 1-3 days of picking in advance, and the effect of increasing income and quality.

The Evaluated Crop Nutrition Program

Test Location	Anji County, Huzhou City, Zhejiang Province			
Test Variety	White Leaf No. 1 Tea			
Test Site/Setup	There are 4 test points in total – Hengshanwu, Chasiwu, Qinglong Village and Huangdu Village. The test area for each test point is 5mu, totalling 20mu. The planting density is 3,000 plants/mu, the slope is 25 degrees, and the orientation is northern. During this period, soil management, pest control and various management measures remained consistent.			
Test Program	One week before the sprouting of spring buds, a foliar spray was applied of the RLF crop nutrition product at an interval of 7 days. It was applied twice to both the top side and under side of the leaf surface.			
Test Product	Fruits & Veggies Plus			
Test Application Rate	Foliar spray twice at 300 times dilution at 100ml/mu			
Test Points	Hengshanwu	Chasiwu	Qinglong Village	Huangdu Village
First Application Date	24 th February 2020	26 th February 2020	24 th February 2020	6 th March 2020
Second Application Date	1 st March 2020	5 th March 2020	1 st March 2020	-

In mid-late March 2020, the RLF Technical Team visited many times to take comparisons in terms of picking time, the quantity of top bud and axillary bud, the output, the selling price and other important observations.

The comparisons are highlighted as follows:

Stage 1. Germination & Picking.

The Comparison on Germination and Picking Time



		Hengshanwu	Chasiwu	Qinglong Village	Huangdu Village
Germination time	RLF treated	1 st March	8 th March	3 rd March	10 th March
	Control	3 rd March	10 th March	6 th March	12 th March
Picking time	RLF treated	19 th March	22 nd March	21 st March	23 rd March
	Control	22 nd March	25 th March	22 nd March	25 th March

As can be seen from the above data, the RLF-treated crop germinated 2-3 days in advance, and the subsequent picking time was also advanced. The picking time directly affected the purchase price.

The Data on Price to Market

The price of Anji white tea varies with the picking season and grade. From the recent Anji white tea purchase price list, it can be seen that the earlier the picking, the higher the tea purchase price.

Date	Green leaf price (Yuan/jin)	Dry leaf price (Yuan/jin)	Wet-dry ratio
19 th March 2020	150	900	1:4.5
20 th March 2020	150	900	1:4.5
21 st March 2020	130	800	1:4.5
22 nd March 2020	120	800	1:4
23 rd March 2020	110	750	1:4
24 th March 2020	100	700	1:4
25 th March 2020	100	700	1:4
26 th March 2020	80	700	1:5

Stage 2. Bud Head Quantity.

Five specimens were sampled at each of the four test points. Each collection was based on the number of buds per square metre as per the standard, then the average value of the collected data was taken for comparison. It was as follows:

	Hengshanwu		Chasiwu		Qinglong Village		Huangdu Village	
	Terminal bud	Axillary bud	Terminal bud	Axillary bud	Terminal bud	Axillary bud	Terminal bud	Axillary bud
RLF	52	312	56	336	50	300	54	324
Control	36	216	32	192	41	246	36	216
↑	16	96	24	144	9	54	18	108

According to statistics, the number of terminal buds that can be picked in the early stage have increased by 44%-50%, the axillary buds have increased by 30-40%, and the density of bud heads have increased by 40%-50%. The RLF **Fruits & Veggies Plus** has excellent application effects on the Anji white tea.



Collecting the specimens to test bud head quantity

Stage 3. Bud Weight.



- The weight of the 500 bud heads of the Control group was **57.31g**
- The weight of the 500 bud heads treated with RLF products was **68.22g**
- The RLF-treated tea germinated early by 1-3 days and the buds were full and strong
- The RLF-treated buds had increased density and weight, and that means increased yield and income
- The RLF-treated buds deliver improved tea colour, whiteness, commercial and dry tea quality



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