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ASX Announcement

Second-year durian trial in Vietnam confirms stronger yield from RLF nutrition program

Key Highlights

- **RLF Program showed an increased in yield of 38% with minimal cost increase, indicating a potential 10x ROI.**
- **Significant Agronomical benefits with 41% increase in canopy diameter/width and 17% increase in truck diameter, compared to the Control Group.**
- **Boosting RLF's confidence in investing and expanding in the region and beyond.**
- **Independent Australian trials results in final stages of completion.**

RLF AgTech Ltd (**RLF** or the **Company**) (ASX: RLF) is pleased to release the report of its second year (2025 Season) results of the Durian Trial Program in Vietnam, showing consistent results of stronger yield with RLF Durian Nutrition Program comparing to standard practice/products in the region.

On 23 October 2024, RLF released it's the first-year results of Durian Trial Program, demonstrating a clear advantage of using the RLF Durian Nutrition Program when comparing to the grower's standard practices in the region. RLF continued the Durian Trial Program for the second year and the Company is excited to report that the 2025 Season trial results continue to show significant improvements in agronomical results with minimum additional cost increase, leading to a potential 10-times return on investment in the current market condition by adopting RLF Durian Nutrition Program.

On releasing the second-year report, RLF's Acting Managing Director, Gavin Ball, commented:

"We are delighted to see our products and programs have shown consistent improvements in both the quality and the yield of the crop on a multi-year level. These multi-year positive results confirm the science behind our products and programs, boosting our confidence in expanding our presence in the region and beyond.

"We are also excited to be at the final harvest stage of our substantial Australian-based 2025 trial program. These results will be used to help demonstrate how RLF products can support Australian growers focused on improving farm viability for the 2026 season, and we look forward to sharing outcomes once all final data are collected and reported."

Executive Summary of the Durian Trial – Year 2

OVERVIEW

The RLF Durian Nutrition Program

The trial programs aim is to evaluate the effectiveness of RLF's crop nutrition products on durian plants at various developmental stages, including leaf-flushing, flowering, and fruiting.

The durian orchard was divided into two plots for comparison:

1. **RLF-treated** - using the products RLF X1 Foliar, RLF 12 Nutrients, RLF PowerPK42, RLF Caltro High Calcium, RLF Boron Plus and RLF Triplex Pro 15-15-15.
2. **Control** - following the farmer's conventional practice, using traditional fertilisers and products with compositions like NPK 20-20-15, NPK 7-5-44 and phosphorus.

Methodology

The trial program involved durian plants of different ages (3 to 6 years). Each treatment group included a mix of large and small trees. The effectiveness of the RLF Durian Nutrition Program was assessed by measuring vegetative growth parameter like canopy diameter, and trunk diameter at different stages of development.

The program followed specific nutrient application schedules tailored to each growth stage.

Leaf-Flushing Stage

The RLF-treated plants received RLF X1 Foliar in three rounds during each leaf-flushing, spaced two weeks apart, and RLF Triplex Pro 15-15-15 when the new leaves opened.

Flower Induction Stage

RLF PowerPK42 was applied three times at seven-day intervals to promote flower induction.

Fruiting Stage

Foliar sprays and root fertilisation with RLF products Caltro High Calcium, RLF 12 Nutrients, and RLF Triplex 15-15-15 supported fruit development.

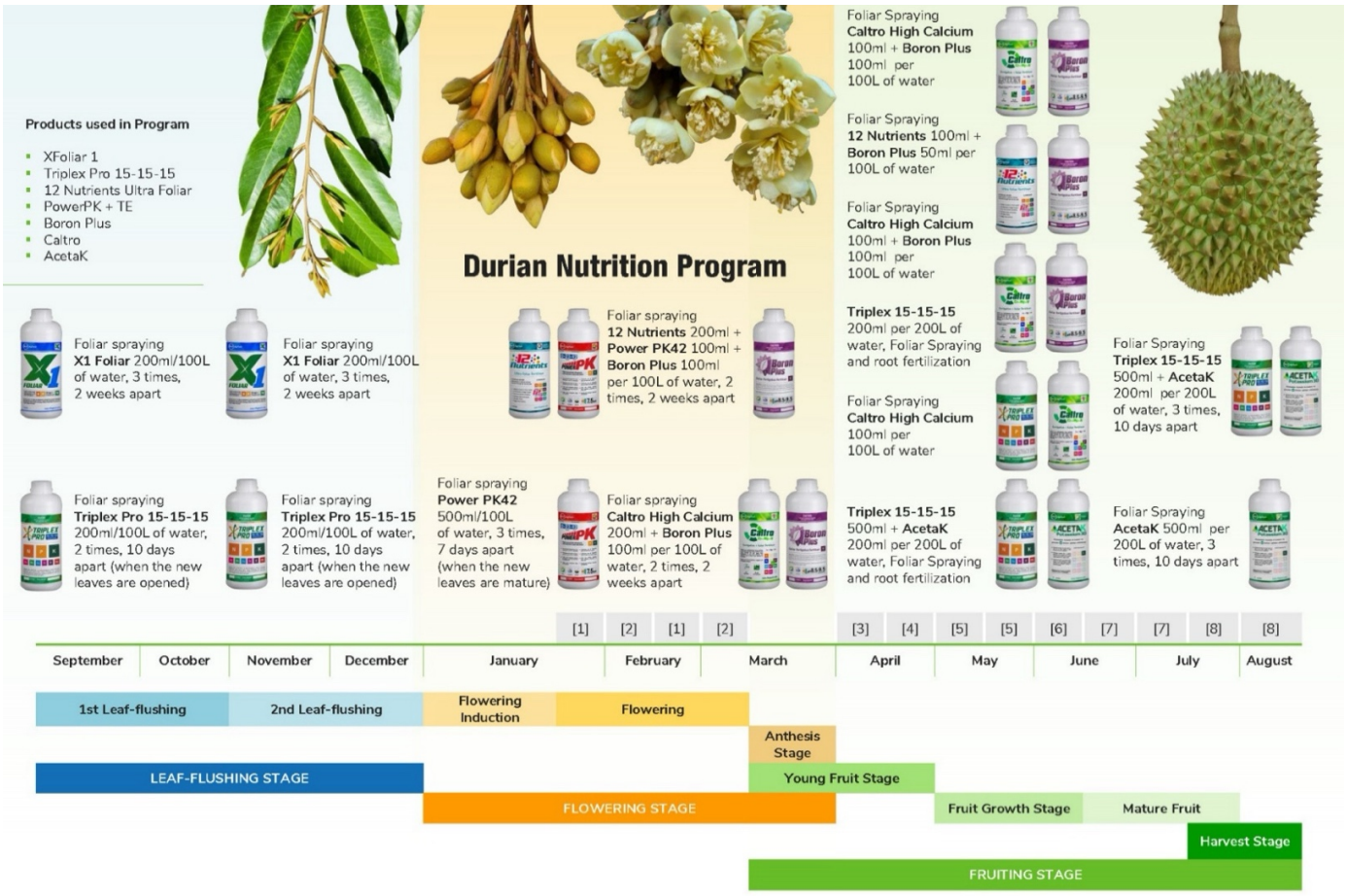

Figure 1: RLF's Durian Nutrition Program showing the products, the application methods and timing.

AGRONOMIC RESULTS

Canopy Diameter

41% more Canopy diameter growth over 12 months

- RLF-treated plants showed the average canopy diameter increased by 17cm after the second leaf-flushing and 27cm after completing the flower induction stage, with an overall increase of 58cm over a year.
- Control plants had a slower canopy growth, with an average of 15cm increase after the second leaf-flushing and 22cm after the third, resulting in a total yearly growth of 41cm.

Comparison/Result

The difference in growth between the two treatments was 17cm (**41% more than the Control group**), and the RLF Durian Nutrition Program demonstrated a more noticeable impact on canopy expansion, likely due to the enhanced nutrition supporting overall plant vigour.

Trunk diameter (DBH)

17% more trunk diameter growth over 12 months

- RLF-treated plants exhibited a significant increase in trunk diameter. The average DBH growth was 4.2cm after the second leaf-flushing and 8.0cm after the flower induction stage. Over the year, the average trunk diameter increased by 10.6cm.
- Control plants showed a lower increase in DBH, with 3.9cm growth after the second leaf-flushing and 6.9cm after the third, resulting in an annual growth of 9.1cm.

Comparison/Result

The difference in trunk diameter between the RLF-treated and Control plants was 1.6cm (17% more than the Control group), and considered significant, highlighting the effectiveness of RLF's Durian Nutrition Program in enhancing the structural growth and strength of the durian trees.

Fruit Weight

38% more fruit weight per tree, and 27% more weight per fruit for the second-year harvest trees.

Table 1: Fruit weight comparison for the 2025 Season trial

The second-year harvest trees	RLF	CTR	Change	Change %
Ave. Fruit per Tree	36.8	33.9	2.9	8.6%
Ave. Weight per Tree	151.5	109.7	41.8	38.1%
Ave. Weight per Fruit	**4.1**	**3.2**	**0.9**	**27.2%**

Comparison/Result

The agronomic results from the trial of an RLF Durian Nutrition Program provides a compelling insight into the program's impact on durian fruit production.

The RLF-treated trees showed significant improvements in fruit set rate, fruit weight per tree and individual fruit weight compared to the control (CTR) group.

Key findings include:

- **Average Fruit per Tree**

The consistency between the RLF-treated and Control groups is evident, with an average of 8% increase in fruit count per tree, with the RLF-treated trees had 36.8 fruits per tree, while the Control had 33.9.

- **Average Weight per Tree**

RLF-treated trees produced 38% more fruit weight per tree, averaging 151.5kg compared to 109.7kg in the Control group. This significant increase in total fruit weight suggests that the RLF Durian Nutrition Program contributes to more robust fruit development.

- **Average Weight per Fruit**

Perhaps the most notable agronomic benefit was the 27% increase in average fruit weight for the RLF-treated trees. With an average fruit weight of 4.12kg compared to 3.24kg in the Control group, the RLF Durian Nutrition Program clearly promoted healthier, larger fruits.

The agronomic results reinforce the economic and vegetative growth benefits observed in the greater report. The RLF Durian Nutrition Program not only enhanced the overall health and vigour of the durian trees but also translated this vitality into higher fruit quality and size. This is particularly significant because the quality of durian fruit is often judged by its weight and size, which directly influences market value.

By achieving 38% more fruit weight per tree and 27% more weight per individual fruit, the RLF Durian Nutrition Program has demonstrated its capacity to enhance both the quantity and quality of durian harvests. The minimal difference in fruit count between the RLF-treated and Control groups emphasises that the improved yield results from more robust fruit development rather than merely an increase in fruit numbers.

ECONOMIC RESULTS

The economic evaluation focused on the costs of inputs, labour, and the resulting output in terms of yield and profit for both RLF-treated and control groups.

Key Findings

- **Yield**

The yield of the 2025 Season for RLF-treated trees was 1,666kg, significantly higher than the Control group's 1,206kg, representing an increase of 38% or 460kg.

- **Total Input Costs**

The total input cost (including fertilisers and their applications) for the RLF-treated plants was $2,151, slightly higher than the Control group, which cost $2,076. The difference of $75, representing a marginal increase of 4%, which was negligible and unlikely to be the barrier for changing the relevant farming practices.

- **Output**

According to the grower/owner of the trial farm, the farm managed to sold all of the durian fruit under the trial at an average price of c.$2 per kg. With an increase in yield under the RLF Program of 460kg, this means the grower/owner of the trial farm gained an extra income of $778 from an additional investment of $75 by adopting the RLF Durian Nutrition Program, representing an ROI of 10x.

For reference, AUD1.00 is approximately VND17,228 (Daily spot rate as at 28 Nov 2025. Source: RBA).

CONCLUSION

The RLF Durian Nutrition Program proved to be substantially more effective than the farmer's traditional practices in promoting healthier and more vigorous growth in durian plants. Trees treated with RLF products exhibited better canopy expansion, trunk diameter growth, and overall vitality. These agronomic benefits translated into economic gains, with higher yields, increased profits, and an improved profit rate.

The data from the 2024-2025 (second harvest) season once again confirmed that applying the RLF nutritional program can significantly improve durian yield, and bring significant economic benefits to farmers.

Both the Year 1 and Year 2 Reports are available for download using the links below:

- Year 2 Report
- Year 1 Report

Authorised for release by the Board of Directors of the Company.

For further information, please contact:

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About RLF AgTech Ltd (ASX: RLF)

RLF AgTech Ltd (ASX: RLF) is an Australian-based plant nutrition company that formulates and manufactures advanced crop nutrition products designed to improve agricultural productivity, crop quality, and soil health.

With more than 30 years of technical and agronomic expertise, RLF delivers high-performance liquid fertilisers and seed treatments that support more efficient nutrient uptake, stronger early plant development, and improved yield outcomes. The Company's science-led formulations are backed by extensive field research and are suited to a wide range of broadacre and horticultural crops.

RLF has a growing footprint across Australia, where it now supplies products through a national network of over 1220 retail and wholesale distribution locations, providing broad coverage of key agricultural regions. The inclusion of the LiquaForce business in Queensland forms a significant part of RLF's domestic operations, enhancing its manufacturing and on-farm service capabilities.

Internationally, RLF has long-standing operations in China, including wholly owned manufacturing and distribution facilities, and continues to expand its presence across other parts of Asia, where demand for advanced crop nutrition solutions is increasing.

RLF's crop nutrition technologies are aligned with the future of sustainable agriculture, supporting improved fertiliser efficiency and regenerative farming practices. Through its Accumulating Carbon in Soil System (ACSS), RLF aims to help farmers reduce reliance on traditional fertilisers while increasing organic matter in the soil — contributing to better outcomes for carbon sequestration, improved soil health, and more resilient farming systems.