



“ගොවිතම වෙළඳසේ අරුණුල්ල”

බීජගොවිපල හා පුහුණු මධ්‍යස්ථානය-ඔක්කම්පිටිය.
විதை පண்ணை மற்றும் பயிற்சி திருவனம் -



ඉෂ්කම්පිටිය

Seed Farm & Training Institute - Okkampitiya

මගේ අංකය.
எனது இல.
MyNo: }

ඔබේ අංකය
துமில்
Your No: }

දිනය
திகதி
Date } 2024/09/02

Research team,
Agri Farm Elevators (Pvt) Ltd, 302, D/1, Alubadda, Awkana
and Aquatic Resources Technology Degree Programme,
Uva Wellassa University of Sri Lanka.

Dear All,

Field application test results for Hybrid Nitro (Growing stage) and Hybrid Bandi (Flowering stage) value added liquid fertilizers (AQT DroneFert).

I hope this letter finds you well. I am writing to share the results of the recent field trial conducted to evaluate the performance of your value-added hybrid liquid fertilizer foliar application (Treatment 01 – 50 mL, Treatment 02 – 75 mL and Treatment 03 – 100 mL per 16 L of water) compared to the conventional ground fertilizer application. The field trial was carried out on Rice (BG 352) over a period of 03 and half months at our test site located in Okkampitiya, Uva province, Sri Lanka. The trial aimed to assess the yield improvement and overall effectiveness of your product.

Control Group (C1): Conventional fertilizer recommendation for 01 Acre – Soil Application

	Zn Coated Urea (kg)	TSP (kg)	MOP (kg)
Basal Application	04	22	-
After 20 days of seeding	20	-	-
After 35 days of seeding	30	-	10
After 49 days of seeding	12	-	14
Final stage	04	-	-
Total	70	22	24

Test Group (T2): Value-added hybrid liquid fertilizer for 01 Acre – Foliar Application

(Best yield result shows in Treatment 02 – 75 mL per 16 L of water)

	Zn Coated Urea (kg)	TSP (kg)	MOP (kg)	Hybrid Nitro (L)	Hybrid Bandi (L)
Basal Application	04	22	-	-	-
After 20 days of seeding	20	-	-	-	-
After 35 days of seeding	-	-	-	0.75	-
After 49 days of seeding	-	-	-	-	0.75
Final stage	-	-	-	0.75	-
Total	24	22	00	1.50	0.75

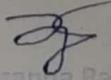
Results:

Yield with Conventional Fertilizer : 9675.87 g per 01 perch (1x10 + 1/2 x1 + 1/8 x1 + 1/32x1)

Yield with Hybrid Liquid Fertilizer : 14982.00 g per 01 perch (1x16 + 1/2 x 1)

Based on the field results the expected calculated yield for 01 acre is about **1548.14 Kg** for conventional fertilizer application and it is expected about **2397.12 kg** yield for 01 acre by using value-added hybrid liquid fertilizer. The results indicate a significant increase in yield when using your hybrid liquid fertilizer, with a yield improvement of 54.85% over the conventional fertilizer. This substantial enhancement in yield demonstrates the efficacy of your product in promoting better crop growth and productivity.

Thank you
Sincerely,


Induka Prasanna Rathnayake
Farm Manager
Government Seed Paddy Farm &
Training Center
Okkampitiya

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Farm Manager

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“ලාභ පළාතේ බීජ හා රෝපණ ද්‍රව්‍ය නිෂ්පාදනයේ ප්‍රමුඛයා.”