

**INDIGENOUS MICROORGANISMS – EXTENDED SOLUTION (IMO-ES)
APPLIED AT DIFFERENT FREQUENCY ON CL-1
DURING WET SEASON**

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He is the breadwinner in his family and he's about to lift up their everyday living, he only wants the best for his family. He also value many friends of him and he is ready to help them as much as he can. He always fight alongside with our Almighty God because he can do anything through God who always give him strength. All glory to Him.

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ABSTRACT¹

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Adviser: Mr. DIONIE S. BARRIENTOS

Previous study showed the effectiveness of IMO-ES in increasing the grain yield of aromatic rice during dry season under organic cultivation. This study aimed to test if IMO-ES application will also increase the grain yield of aromatic rice during wet season. It was conducted at Ramon Magsaysay Center for Agricultural Resources and Environment Studies (RM-CARES), Central Luzon State University, Science City of Muñoz, Nueva Ecija from August to November 2018. The study was carried out in a Randomized Complete Block Design (RCBD) with following treatments. Control, IMO-ES applied every week (AEW), IMO-ES applied every two weeks (AETW) and IMO-ES applied every four weeks (AEFW) with three replications.

The findings showed that the different frequency of application of IMO-ES didn't affect growth and yield of aromatic rice, except grain length. Therefore application of IMO-ES during wet season is not advisable because the result on growth and yield is comparable to control.

Keywords: Indigenous microorganisms; Aromatic rice; Organic cultivation

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