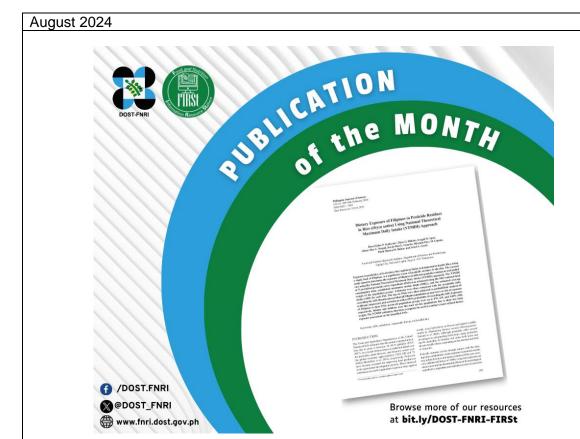


Food and Nutrition Information Resource Station DOST-FNRI Publication of the Month 2024



DOST-FNRI Publication of the Month: August 2024

Dietary Exposure of Filipinos to Pesticide Residues in Rice (Oryza sativa) Using National Theoretical Maximum Daily Intake (NTMDI) Approach

This study determined the exposure of Filipinos to different pesticide residues in well-milled rice using the National Theoretical Maximum Daily Intake (NTMDI). Results showed that all Filipino population groups were at risk of exposure to thiram, isoprocarb, and carbofuran with a 100% probability of exceeding the acceptable daily intake (ADI). The NTMDI estimates, therefore, recognize the need to conduct a more refined dietary exposure assessment on the identified permitted pesticide active ingredients (PAIs).

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