

Letter to the Editor**Glyphosate and Paraquat**

I have read a letter to the Editor titled “More on Cancer Dating” from Professor Emerita Dr. Nipha Jaroonsvesma, a famous tropical medicine expert of the Faculty of Medicine Siriraj Hospital, Mahidol University, and Fellow of the Academy of Science of The Royal Society of Thailand. Her letter was published in Thammasat Medical Journal, Vol 19, No. 31, July-September 2019, page 585. The letter has given me important knowledge on the two popular weed killers, glyphosate and paraquat dichloride, which have been widely used by Thai agriculturists for (so) many years. According to Dr. Nipha’s letter, both materials are comparably highly toxic to human health.

Of note, however, Prof. Nipha addressed that there are not any reports on the toxic incidence of the two useful materials in Thai farmers.

Assoc. Prof. Dr. Sayam Aroonsrimorakot
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To The Editor

Concerning toxicities of the two weed killers, glyphosate and paraquat dichloride, I am certain that Dr. Sayam Aroonsrimorakot, our widely known environmentalist, would be well familiar with them. For the glyphosate, Dr. Michelle Cook has given the details in his paper in the free e-newsletter *World’s Healthiest News* (<https://www.care2/greenliving/new-study-links-glyphosate-pesticides-to-advanced-liver>). As for the paraquat dichloride, a highly toxic chemical to the livings, the drastic incidence only occurred in suicidal cases. Despite the publication on “A National Registry to Determine the Distribution and Prevalence of Parkinson’s Disease in Thailand: Implications of Urbanization and Pesticides as Risk Factors for Parkinson’s Disease” appeared in *The Neuroepidemiology 2011; 37: 222-230, the evidence linking paraquat to Parkinson’s disease is fragmentary and does not support the existence of a causal association between paraquat and PD.*

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