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Job: Books Conferences News About Us Home Journals Home > Journal > Earth & Environmental Sciences > JEP Open Special Issues Indexing View Papers Aims & Scope Editorial Board Guideline Article Processing Charges Published Special Issues JEP> Vol.2 No.4, June 2011 • Special Issues Guideline OPEN ACCESS JEP Subscription Harvest Residue Study of Fungicide Tebuconazole Ec Formulation in Groundnut and Paddy Most popular papers in JEP PDF (Size: 182KB) PP. 424-428 DOI: 10.4236/jep.2011.24048 **About JEP News** Author(s) Chiranjit Kundu, Arnab Goon, Anjan Bhattacharyya Frequently Asked Questions **ABSTRACT** A field trial was conducted under West Bengal condition during July 2009 to October 2009 to evaluate the Recommend to Peers harvest residue of Tebuconazole (25.9% EC) in paddy at two application rates (750 and 1500 mL ha-1). Another field trial was conducted during August 2009 to December 2009 to evaluate the harvest residue of Recommend to Library the same molecule in groundnut. The quantitative analysis of the fungicide residue was performed using Liquid Chromatography-Mass Spectrometry (LC-MS/M S). The average recovery was found in between 86.33 Contact Us to 91.87% for different substrates of groundnut. In case of paddy the average recovery was ranges in between 86.40 to 90.86% for different substrates. In all the cases, it was found that the fungicide residues were below the detection limit of the instrument (<0.01 ppm) irrespective of doses in different substrates of Downloads: 301,935 paddy and groundnut. Based on these findings, the use of Tebuconazole in paddy and ground-nut may be advocated for the control of diseases in paddy and groundnut without any residual toxicity problem. Visits: 674,790 **KEYWORDS** Control, Fungicides, Pyricularia Oryzae, Rice Blast, Oryza Sativa L Sponsors, Associates, ai Links >> Cite this paper C. Kundu, A. Goon and A. Bhattacharyya, "Harvest Residue Study of Fungicide Tebuconazole Ec Formulation • The International Conference o in Groundnut and Paddy," Journal of Environmental Protection, Vol. 2 No. 4, 2011, pp. 424-428. doi: Pollution and Treatment 10.4236/jep.2011.24048. Technology (PTT 2013) References [1] FAOSTAT, "FAO Statistical Database", 2007. http://www.fao.org Indian Council of Agricultural research, " Hand Book of Agriculture, Pesticide residues," 5th Edition, [2] New Delhi, 2007, pp. 553-587. H. N. Swamy, S. Sannaulla and M. D. Kumar, " Evaluation of New Fungicides against Rice Blast in [3] Cauvery Delta," Karnataka Journal of Agricultural Sciences, Vol. 22, No. 2, 2009, pp. 450-451. R. Angelini, "Folicur (Tebuconazole): A New Triazole Fungicide With A Wide Spectrum Of Activity," [4] Informa- tore-Agrario-Supplemento, Vol. 52, No. 15, 1996, pp. 46-50.

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