Sci. and Cult. 89 (3-4): 77-83 (2023)

HEALTH EFFECTS OF PESTICIDES ON AGRICULTURAL WORKERS

PALAS SAMANTA^{a,b}, NABA KUMAR MONDAL^a, SRIMANTA GUPTA^a, SUDIPTO MANDAL^a AND APURBA RATAN GHOSH^{a,#}

Present paper has made an attempt to investigate the pesticide-induced toxic impacts on agricultural farmers. This analysis is based on the data sets of different kinds of pesticide sales and different quality of life variables relating to health parameters collected from Organisation for Economic Co-operation and Development (OECD), environment statistics and World Health Organisation (WHO) health statistics. Canonical correlation analysis depicted that lung cancer, cardiovascular and muscular diseases are strongly correlated with different kinds of pesticide sales and other life quality variables are negatively correlated. So, emphasis should be given on biological pest management and good agricultural practices.