

## **STUDY OF POLLUTION RELATED PROBLEMS OF AGRICULTURAL LABOURERS USING RTD MATRIX**

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The pollution related problems suffered by the agriculture labourers due to the use of chemical pesticides and fertilizers has been in a very steady increase. These poor agricultural labourers most of them who work only as daily wagers suffer many types of health hazards due to chemical pollution like cardio vascular problems, skin and lung cancer, lung diseases and digestive problems. In this paper we study only the symptoms related with the cardio vascular problem using the special type of matrix called refined time dependent data matrix (RTD matrix). We study the main eight symptoms suffered by these coolies. The shocking conclusions derived are

1. Even in the age group 25-37 agricultural coolies die of cardio vascular problems, which is mainly attributed to the spraying of chemical pesticides.
2. They suffer all symptoms of cardio vascular problems at the age of 25.

The most vulnerable age to this cardio problem is 37 which is very surprising. Most of them become incapable of any physical labour at the age of 40.

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