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INDIAN STREAMS RESEARCH JOURNAL
International Recognition Multidisciplinary Research Journal

DOI Prefix : 10.9780 ISSN 2230-7850
Journal DOI : 10.9780/22307850 Impact Factor : 5.1651(UIF)

ORIGINAL ARTICLE

Vol. VII, Issue : V, June - 2017 Published: 1st June - 2017

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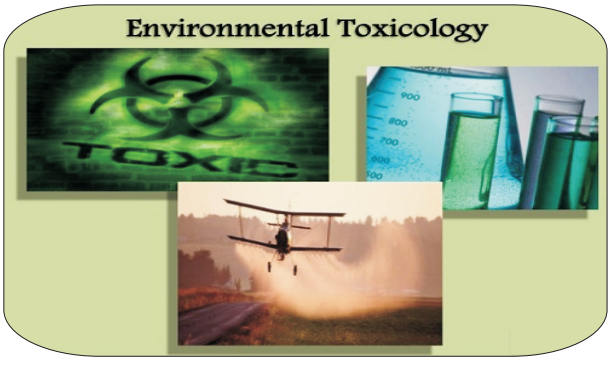
ENVIRONMENTAL TOXICOLOGY AND ANALYSIS OF IMPACT OF PESTICIDES ON LENS CULINARIS



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ARTICLE REVIEW REPORT

Environmental Toxicology And Analysis Of Impact Of Pesticides On Lens Culinaris

Dr. Anita Singh

ABSTRACT:

The problem statement was clear and well articulated BIOMETRICAL GENETICS" has gained wide application incytotaxonomy of plants in recent years. The new agricultural practices and crop management techniques make it obligatory to use pesticides and insecticides by the farmers. The pesticides are being used by the agricultural scientists for the protection of cultivated plants frequently and extensively.The use of pesticides in high concentration interferes with the infrastructure of chromosomes and their behavioral pattern.

INTRODUCTION:

The introduction provides a good, generalized background of the topic that quickly gives the reader an appreciation The trend of Lens culinaris, a leguminous plant and a member of pulse group, is a major source of protein, which is the most essential requirement of life. The present study is regarding impact of pesticides on Lens culinaris and environmental toxicology. Pesticides are used by the farmers frequently and extensively to get rid of pests and protect the cultivated plants.

METHODOLOGY:

The present study was exclusively realized on secondary data sources. It was purely descriptive type of research since it describes the facts relating to the problem. The material used here was Lens Culinaris obtained from Rajendra Agricultural University, Pusa (Bihar).The seeds of all the varieties of Lens culinaris were soaked in water and were then allowed to germinate in separate Petri dishes on moist cotton and filter paper at 21°c ± 2°c.

PRESENTATION OF RESULTS:

The amount of data presented was sufficient and appropriate. Tables, graphs, or figures were used judiciously and agree with the text As we know nitrogen fixation is done by nitrogen fixing bacteria (Rhizobium) and it is very much present in the soil, so if the soil is polluted, it will be suffocating for the micro-organisms and they will die. The adverse effect is seen in the plants genetic recombination also. The use of pesticides such as- monocrotophos, endocel and dimecron attributed to the toxic effects like inhibition of cell division

REFERENCES:

Prior publication by the author(s) of substantial portions of the data or study was appropriately acknowledged.

RELEVANCE:

The study was relevant to the mission of the journal or its audience. The study addresses important problems or issues; the study was worth doing.

FUTURE RESEARCH SCOPE:

1. Career For Faculty (http://academicprofile.org/Professor/CareerForFaculty.aspx)
2. Academic Plan (http://academicprofile.org/Professor/AcademicPlan.aspx)
3. Regarding Professor Promotion (http://academicprofile.org/Professor/regardingPromotion.aspx)
4. Fellowship for Post Doctoral (http://academicprofile.org/Professor/FellowshipForPD.aspx)
5. Online Course on Research (http://onlineresearch.in/Default.aspx)

SUMMARY OF ARTICLE

		Very High	High	Average	Low	Very Low
1.	Interest of the topic to the readers	✓				
2.	Originally & Novelty of the ideas		✓			
3.	Importance of the proposed ideas	✓				
4.	Timelines			✓		
5.	Sufficient information to support the assertions made & conclusion drawn		✓			
6.	Quality of writing(Organization, Clarity, Accuracy Grammer)			✓		
7.	References & Citation(Up-to-date, Appropriate Sufficient)		✓			

Future Research Suggestions

This Article can expand further research for MINOR/MAJOR Research Project at UGC