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REVIEWER'S REPORT

Manuscript No.: JNAVS -071

Title: Pesticide Residues in Agricultural Soils: Environmental Risks, Soil Health, and Sustainable Management Strategies.

Recommendation:
Accept as it is .....
Accept after minor revision.....
Accept after major revision .....
Do not accept (*Reasons below*) .....

Rating	Excel.	Good	Fair	Poor
Originality		_		
Techn. Quality			_	
Clarity	_			
Significance		_		

Reviewer Id: JPR-119

Reviewer's Comment for Publication.

The manuscript presents a relevant and clearly organized review of pesticide residues in agricultural soils, with appropriate attention to their sources, persistence, environmental movement, effects on soil organisms and biodiversity, contamination of water resources, monitoring methods, and sustainable management strategies. The sections addressing soil properties, pesticide fate, analytical monitoring, environmental risk assessment, integrated pest management, biological control, and vegetative buffer zones provide a useful overview of the major factors involved in responsible pesticide management. The manuscript also appropriately emphasizes that pesticide behavior and environmental risk vary among individual compounds and environmental conditions and should therefore be assessed using reliable evidence rather than broad generalizations. However, minor revisions are required before publication. The literature base should be strengthened considerably by incorporating recent peer-reviewed research articles, as the current reference list consists mainly of institutional and regulatory sources and is limited for a review of this scope. The methodology should provide clearer details regarding literature searching, selection criteria, and the range of publications considered. Greater critical comparison of pesticide classes, persistence, mobility, degradation products, and effects on soil biological indicators would improve the scientific depth of the review. Some repetitive statements could be condensed, and the references and formatting should be checked for consistency. In addition, the author contribution, conflict-of-interest, and funding sections should be replaced with final author-specific declarations rather than instructional or placeholder statements. Subject to these minor revisions, the manuscript is suitable for publication.