

# LITERATURE REVIEW

S.No	Author	Title	Name of the Journal/ Conference	Volume/ Issue/Year	Algorithm/Method	Merits/ Demerits
1.	B M Sagar	Agriculture Data Analytics in Crop Yield Estimation.	<a href="https://www.academia.edu/download/64606496/Agriculture_Data_Analytics_in_Crop_Yield_Estimation.pdf">https://www.academia.edu/download/64606496/Agriculture_Data_Analytics_in_Crop_Yield_Estimation.pdf</a>	2018	WEKA	Used for crop yield predictions using various tools, methodologies.
2.	S.Rajeshwari, k.Rajakumar K Suthendran	A smart agricultural model by integrating IoT, mobile and cloud-based big data analytics	<a href="https://ieeexplore.ieee.org/abstract/document/8321902/">https://ieeexplore.ieee.org/abstract/document/8321902/</a>	2017	IoT, Big data analytics.	Using big data algorithms to calculate crop yield.
3.	Vaishali Pandith, Haneet Kour, Surjeet Singh , Jatinder Manhas , Vinod Sharma	Performance Evaluation of Machine Learning Techniques for Mustard Crop Yield Prediction.	<a href="https://www.researchgate.net/profile/Haneet-Kour-2/publication/343219111_Performance_Evaluation_of_Machine_Learning_Techniques_for_Mustard_Crop_Yield_Prediction_from_Soil_Analysis/links/5f1d42a792851cd5fa489406/Performance-Evaluation-of-Machine-Learning-Techniques-for-Mustard-Crop-Yield-Prediction-from-Soil-Analysis.pdf">https://www.researchgate.net/profile/Haneet-Kour-2/publication/343219111_Performance_Evaluation_of_Machine_Learning_Techniques_for_Mustard_Crop_Yield_Prediction_from_Soil_Analysis/links/5f1d42a792851cd5fa489406/Performance-Evaluation-of-Machine-Learning-Techniques-for-Mustard-Crop-Yield-Prediction-from-Soil-Analysis.pdf</a>	2020	Random Forest	Using ML algorithm to analyse soil and predict the yield in the field.

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4.	P.Surya, Dr. I.Laurence Aroquiara	Crop yield prediction in agriculture using data mining predictive analytic techniques	<a href="https://ijrar.org/papers/IJRAR1905206.pdf">https://ijrar.org/papers/IJRAR1905206.pdf</a>	2018	Simple Vector Machine	Used for crop yield predictions using Data mining methodologies.
5.	Niketa Ghandi Leisa J.Armstrong	Rice crop yield forecasting of tropical wet and dry climatic zone of India using data mining techniques	<a href="https://ieeexplore.ieee.org/abstract/document/7887981/">https://ieeexplore.ieee.org/abstract/document/7887981/</a>	2016	Data Mining	Using Data analytics to study climating patterns to predict crop yield.
6.	Roheet Bhatnagar	Crop yield estimation using decision trees and random forest machine learning on data from terra and aqua satellite data	<a href="https://link.springer.com/chapter/10.1007/978-3-030-20212-5_6">https://link.springer.com/chapter/10.1007/978-3-030-20212-5_6</a>	2019	Random Forest And Descision Tree	Using Descion Tree and Random forest to get accurate predictions.