

Literature Survey

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S.NO	Title of the paper	Authors	Year of publication	Highlights
1.	Rice Crop Yield Prediction using Data Mining Techniques: An Overview	Dakshayini Patil, Dr. M .S, Shirdhonkar	2017	Discussed various data mining techniques utilized for prediction of rice crop yield for the state of Maharashtra, India. WEKA tool was applied in dataset processing
2.	A Survey on Crop Yield Prediction based on Agricultural Data	Dhivya B H, Manjula R, Siva Bharathi S, Madhumathi R	2017	Presented a survey on the different algorithms applied in the assessment and prediction of crop yield Discussed about the mechanism of knowledge the discovery in Agricultural data mining
3.	A Study on Various Data Mining Techniques for Crop Yield Prediction	Yogesh Gandge, Sandhya	2017	Discussed various data mining techniques employed for predicting the crop yield and signifies the importance of accurate data extraction methods of big data analytics.
4.	Big Data for weed control and crop protection	F K Van Evert, S Fountas, D Jakovetic, V Crnojevic, I Travlos & C Kempenaar	2017	Critically discussed about the challenges faced and the profound opportunities lies in the Big Data analytics in agriculture: Outlined Big Data analytics models with numerical algorithms applied Represent the importance of reforming the mined

				data in the form of understandable information to the farmers. Discussed about various advances, tools and algorithms applied in transforming the data in to easily understandable information to the framers and thrown a light on success story of Netherlands in achieving the maximum crop yield and their smart forming practices. Also discussed about the control of invasive, parasitic and herbicide- resistant weeds to improve the overall crop yield applying Big Data analytics.
5.	Prediction of crop yield using big data	Wu Fan, Chen Chong, Guo Xiaoling, Yu Hua Wang Juyun	2015	Developed a novel model i.e Nearest neighbors modeling to calculate and predict the yield of crop depends on the available Big data sets.