S.No	TITTLE	AUTHOR AND YEAR	PROBLEM PROPOSED	METHODODLOGY	LIMITATION
1	Develop an automatic diagnosis method to differentiate various wheat diseases	Peiferg el dl(2017)	Diagnosis what leaf rust disease,with accuracy of 96.2%	Embedded image processing system	Without interface of camera
2	Segment the leaf area and lesion region area	Patil et al(2011)	Leaf disease severity measurement by the excessive use of pesticides on fungi caused disease in sugarcane increase cost and pollution	Simple threshold and triangle threshold method are used	Less accuracy
3	Detection of disease Tomato leaf	Budihal et al(2015)	Detect disease spot accurately	Colour transformation	Many frameworks reduces accuracy
4	Automatic technique is used for detecting little leaf disease found in pine tree	Singh and Misra	Detects the symptoms of title leaf diseases	Image segmentation and	Accuracy will be low
5	CNN based leaf disease identification and remedy recommendation system	R.Among shetty	Appropriate amount of pesticides/fertilizer To be sprayed at Specified target areas	Deep convolution natural network(CNN)	Difficult for the model generalize to new example that were not in the training set
6	A machine learning based crop recommendation system	Rohini Iadhav	Previously suggested recommendation system elements such as the user's investment in agriculture,the number of workers required for upkeep and the amount of	Support vector machine(SUM) and K-nearest neighbor(KNN)	Impact on the former's profitability

			cultivable land available were not taken into account		
7	Efficient crop yield recommendation system using machine learning for Digital framing	Dr.G.Suresh(2021)	Pesticides may influence the yield,while too little may not valuable for crop	Supervised machine learning	Data acquisition is less,require more time
8	Real time automation of agriculture land by automatically detecting plant leaf diseases and auto machine	Channmalikarjuna Mathihalli(2018)	Images of leaves are captured and compared with image healthy leaves images which are in database that are pre-stored in the device	Deep learning techniques	Classification of accuracy is low and difficult