LITERATURE SURVEY

1.

TITLE: Agriculture Data Analytics in Crop Yield Estimation

PROPOSED WORK:

A significant role and positive impact on the increase of crop yield by providing the optimum condition for the plant growth and decreasing the yield gaps and the crop damage and wastage.

TOOLS USED / ALGORITHM:

WEKA tool

TECHNOLOGY:

Big data analysis

ADVANTAGES:

Reporting of progressive agricultural yield in all the seasons.

DISADVANTAGES:
To allocate the data across numerous technologies, and also continuously evolving data from diverse sources.

2.

TITLE:A Survey on Crop Yield Prediction based on Agricultural Data

PROPOSED WORK:

The model comes where the objectives of uncovered agricultural datas are dealt.

TOOLS USED / ALGORITHM:

FNN-feedforward neural network

TECHNOLOGY:

Machine Learning

ADVANTAGES /DISADVANTAGES:

By the usage of these technologies the suitable parameters will be projected and evaluated.

3.

TITLE: Rice crop yield prediction using data mining

PROPOSED WORK:

The system model comes by the help to achieve the good crop management.

TOOLS USED / ALGORITHM:

WEKA tool

TECHNOLOGY:

Data mining

ADVANTAGES /DISADVANTAGES:

By the use of this technology there will be a marginal improvement in the productivity.

4.

TITLE: Crop yield production using machine learning

PROPOSED WORK:

This model comes with a prediction algorithm where it can be used in agricultural fields for real time monitoring and intelligent farming decision makings.

TOOLS USED / ALGORITHM:

SVM

TECHNOLOGY:

Machine learning

ADVANTAGES /DISADVANTAGES:

It supports effective data grouping by optimizing the margins across categories employing kernel functions