TITLE OF THE PROJECT: AGRODEC

ABSTRACT:

This system will takes inputs like Type of Soil, ph of soil and average rainfall. By analyzing these inputs, it will generate a Terminal showing the Crops the farmers can grow this Season with additional information of the crop.

LITERATURE WORK:

Finding about the crops and research about the types of crops which can be grown in their fields.

Existing Apps like Agrodec (Mini Project):

1. Nutrient ROI Calculator 2.0. | PotashCorp

A. PotashCorp’s economics program, an online agricultural resource dedicated to helping farmers maximize their yields and profits, has released an updated version of its valuable return-on-investment (ROI) calculator.

B. Farmers are able to make more accurate nutrient application plans, maximizing the benefits of crop inputs and increasing their profitability.

C. The calculator is optimized for regions that are some of the country’s largest crop producers, allowing farmers to hone in to state-specific conditions in more than 20 different states. The calculator allows users to identify and analyze input data for a number of crops, including corn, soybean, cotton, spring wheat, winter wheat and rice.

PROBLEM STATEMENT:

Write a JAVA program to create a Graphical User Interface and take inputs from the user about soil fertility, type of soil, average rainfall and analyze these inputs and suggest the user about how to maximize his/her income; which crop to grow in their fields.

METHODOLOGY:

Database and user interface .

Step1: Java Programming in accepting the information from the user.

Step2: Analyzing the data entered by the user and processing them..

Step3: Printing the output about the crops on the Terminal of Swing.

Step4: Creating a Database for the farmers to access their accounts frequently/ or anytime..