Abstract

# The AgriBot

**Marandure Elisha**
*Ebenezer Group Of Colleges*

## Abstract:

This project is going to address the problem of poor harvest in Zimbabwe and the world at large by creating a machine which is going to carry out a number of functions which will go a long way in alleviating possible poor harvest. Forecasting is key to agricultural activities and therefore this machine will be able to forecast weather patterns e.g. rainfall patterns, so that farmers know when to plant their crops. Furthermore the proposed machine is going to be able to test soil PH as well as fertility levels and such guide farmers on corrective measures so that good yield are realized. One other quality of this machine is it's adaptability to different environment with different weather patterns, but at the same time adapting to the system and give correct information useful for agricultural activities and ensuring good harvest. The proposed machine will also act as a security mechanism which can detect fingerprints and footprint of intruders who might want to steel from the fields to achieve this it will use the alarm system. The design of the machine will have a similarity to agricultural equipment and tractor design has been chosen. All the microchip controllers and sensors will be mounted on a four wheeled tractor model.

## Biography:

Im a student at a school named Ebenezer. Im a form 5 student , doing Mathematics, Physics and computer science. For me to come up with this project, it has been the problem to the country producing poor yield.so ive been working since last year when i wrote my Ordinary level

## Publication of speakers:

1. Marandure Elisha, Lake highstands in the northern Kalahari, Botswana, during MIS 3b and LGM, Quaternary International, Available online 21 August 2020, In Press, Journal Pre-proofWhat are Journal Pre-proof articles?

2. Lake highstands in the northern Kalahari, Botswana, during MIS 3b and LGM, Quaternary International, Available online 21 August 2020, In Press, Journal Pre-proofWhat are Journal Pre-proof articles?

3. What do across-subject analyses really tell us about neural coding?, Neuropsychologia, Volume 143, June 2020, 107489

4. Developing and Implementing an Infection Prevention and Control Program for a COVID-19 Alternative Care Site in Philadelphia, PA, American Journal of Infection Control, Available online 19 July 2020, In Press, Journal Pre-proofWhat are Journal Pre-proof articles?