IOT BASED SMART CROP PROTECTION SYSTEM FOR AGRICULTURE

FINANCIAL **ISSUE MAY**



DOES THE WEATHER, SOIL AND **ENVIRONMENTAL** CONDITION **SUITABLE**

What do they THINK AND FEEL?

CAN YIELD WHETHER ABLE **MAXIMUM IN ALL TO MANAGE AND** CONDITION PROTECT THE **CROPS FROM** WEEDS, PESTS **AND WILD**

ANIMALS ETC....

CONTROLLING AND

ANALYSING OF

DIFFERENT

PARAMETERS FOR

CROP CULTIVATION

NEED TO BE

ATTENTION

WILL CROP RECEIVE ENOUGH MINERALS AND WATER

PROTECTING EACH AND EVERY CROP IS DIFFICULT FOR **PRODUCTIVITY**

ARISE

IT CREATE **MAJOR IMPACT** ON FOOD **PRODUCTIVIYT**

PLANT

WANT TO

GROW BY

HIS OWN

STUFF

DIFFICULT TO OVERCOME LIKE PESTS

THINKING OF

MONITORING

THE CROP

CULTIVATION

what really counts major preoccupations worries & aspirations



IMPROPER GROWTH AND CROP DAMAGES



What do they SEE?

MANUAL MAINTENANCE **OF CULATIVATING CROPS** IN EXTREME CONDITION LIKE HOT **CLIMATE, RAINING, HEALTH ISSUES MAKES DIFFICULT**

environment friends what the market offers

> CAN'T BE IN **CROP FIELD** FOR EVERY DAY TO **PROTECT**

What do they HEAR? what friends say what boss say

ENVIRONMENTAL CONDITION AND EXTERNAL AGENTS ANIMALS ETC....



CAN'T YIELD PROPERLY

what influencers say

INCREASED FOOD **PROUCTIVITY** AND **FINANCIAL VALUE**

UTILISATION

OF

RESOURCE

IS POOR

EFFORTS IN TAKING CARE OF CROPS LIKE WATERING, MANAGING **PESTS**, ANIMALS CAN BE MINIMIZED. IT'S TIME CONSUMING.

What do they SAY AND DO?

> attitude in public appearance behavior towards others

MAINTAINCE AND **CROP YIELD CAN BE DONE AT ANY** TIME FROM THE PLACE WHERE WE ARE.

HIGHER YIELDS **DUE TO ENHANCED CROP CULTVATION.**

LOW **PRODUCTIVITY LEADS TO FOOD CRISIS.**

PAIN

fears frustrations obstacles

> TIRED OF PESTS, BIRDS, ANIMALS, ETC...

MANUAL **PROTECTION FOR EVERY** TIME.

GOOD **HARVEST** GAIN

"wants" / needs measures of success obstacles

ANALYSING DIFFERERNT CONDITION AND **MAINTENANCE** IS SIMPLE



VISIBLE PROGRESS OF THE PLANT **GROWTH IS ACHIEVED**

UPDATES OF THE CROP **GROWTH CAN BE OTAINED** WHEN EVER WE WANT.

