

# IOT BASED SMART CROP PROTECTION SYSTEM FOR AGRICULTURE

## What do they THINK AND FEEL?

what really counts  
major preoccupations  
worries & aspirations



## What do they HEAR?

what friends say  
what boss say  
what influencers say

## What do they SEE?

environment  
friends  
what the market offers

## What do they SAY AND DO?

attitude in public  
appearance  
behavior towards others

## PAIN

fears  
frustrations  
obstacles

## GAIN

"wants" / needs  
measures of success  
obstacles

Future Plan  
of  
Gardening

The Steps  
Forward To  
Modern  
AAgriculture



IOT Helps  
Lighten  
Workloads  
and Collect  
Data Quickly

Better  
Yeilds

IOT Helps  
Greater  
Efficiency  
in process

Cloud  
Storage  
Computation  
and Online  
Analytics

Self  
Adaptive  
System

Smart  
Antennas

Deploy  
and Forget  
Networks

Investment In  
Traditional  
Industry  
Sensors has to  
be Protected



High Cost of  
IOT Tech and  
Maintenance

Lack of  
Integration  
for  
Connected  
Devices

User-  
Friendliness  
or Lack  
Thereof

IOT  
protocol  
Stratification

Non Skilled  
Labour is  
Enough

It was  
Controlled  
by Smart  
Phones

It makes  
Home Life  
Easier

Controlled  
Remotely  
From  
Anywhere



Maintance  
Cost is  
Low

Used Analytical  
Tools for  
Monitoring the  
Crops and  
Surveying

Remote  
Monitoring

Its  
Providing  
Cloud  
Storage

Its Provide  
24\*7  
Security

User  
Interface

No Need of  
Pesticides

They are  
Equipped  
with Wireless  
Chip

Sensor is used  
to Prevent  
Destroying  
Crop from  
Animals

It Monitor  
Infomation like  
Humidity Air  
Temparture and  
Soil Quality