

Says

What have we heard them say?
What can we imagine them saying?

Thinks

What are their wants, needs, hopes,
and dreams? What other thoughts
might influence their behavior?

Agriculture is
the most
important
sector in
today's life

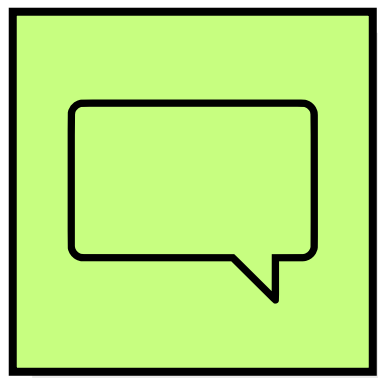
Smart agriculture involves
the use of smart
technologies such as
automated machines,
sensors, actuators,
drones and security
cameras to control and
operate agricultural lands
and animals

IoT-based agriculture
system helps the farmer
in monitoring different
parameters of his field
like soil moisture,
temperature, and
humidity using some
sensors.

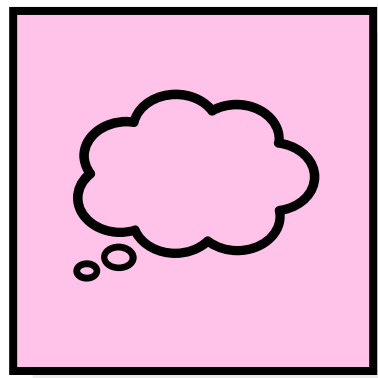
IoT smart farming solutions
is a system that is built for
monitoring the crop field
with the help of sensors
(light, humidity,
temperature, soil moisture,
crop health, etc.) and
automating the irrigation
system

The use of automated
robots in the production
cycle will make for
increased efficiency and
decreased operational
costs, as the robots will take
care of undertaking
repetitive tasks, such as
irrigation, fertilization, pest
control, seed plantation

It increases
the crop
production



SmartFarmer -
IoT Enabled
Smart Farming
Application



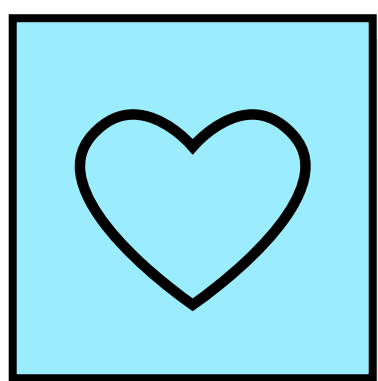
Scientifically knowing
how much water a plant
needs for growth, versus
the actual amount that
it's being fed, will
educate farmers to cut
down unnecessary
irrigation and to
conserve water.

The farmers
can monitor the
field conditions
from anywhere

IoT based Smart
Farming improves
the entire
Agriculture system
by monitoring the
field in real-time

The motive is to
increase the quality
and quantity of
agricultural goods at
the same time
keeping in mind the
cost and energy
usage

Farmers can make the
decision whether to
water the crop or
postpone it by
monitoring the sensor
parameters and
controlling the motor
pumps from the mobile
application itself.



Monitoring
of climate
conditions

Crop
management

Precision
farming

Predictive
analytics for
smart
farming

End-to-end
farm
management
systems

Providing
more accurate
results with
less time
consumption

Does

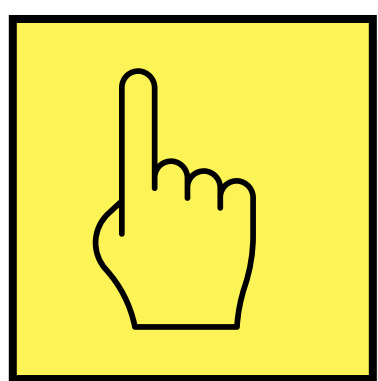
What behavior have we observed?
What can we imagine them doing?

Feels

What are their fears, frustrations, and
anxieties? What other feelings might
influence their behavior?

Sensors to
monitor and track
the status of
crops and insects

Automated water
pumping systems
to water the crops
according to
convenient times



Machines for
performing route
operations and
ensuring proper
functioning of
systems

Sensors for
soil, water,
moisture and
humidity
control

Agricultural
drones