



Says

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

hierarchy of
probable applications
facilities and
devices for smart
agriculture

an internet-of-
things-based
network for
smart farming

It is economically feasible and maintains soil quality, reduces soil degradation, saves water resources, improves land biodiversity, and ensures a natural and healthy environment. Sustainable agriculture plays a significant role in preventing natural resources, halting biodiversity loss, and reducing greenhouse gas emission.



Thinks

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

irrigation through bore wells is not sustainable since there are chances of them drying up during summer.

asia, china, japan, have better irrigation techniques in the world

A farmer uses 75% of his water to carry out irrigation.

punjab has better irrigation techniques in india

unable to pay bank loans is one of the major problems related to irrigation and also to farmers' suicide



improving irrigation techniques help farmers. flood irrigation needs more water. drip irrigation is most expensive irrigation.

proper storage facility to store grain must be available. banks are not providing proper financial help.

farmers should be given the right to decide the price of their products



Does

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

those who are unable to do the above things they commit suicides

many changed their profession and shifted to cities.

apply for loans to meet their farming needs

those who are unable to pay their farms gave their lands for lease. seek financial support from government



Feels

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