

The water accounting method should be introduced in all canal command areas to improve the water use efficiency in the country.
Explain

India is one of the countries with the largest numbers of dams and canal irrigated area. However due to sluggish development of canal irrigation in recent times, some researchers criticise it.

Water Accounting method is where it reveals about how dam water should use, how much water stored in dams has been used for what purpose, its efficiency and real status of canal area.

This water accounting method is used in Maharashtra resulted in a huge increase in water use efficiency. So, this water accounting method should be introduced in all command areas to improve water use efficiency in the country.

problems in canal ~~command~~ areas:

① This canal water from dam were not used by head-top by using this water for water intensifying crops like sugarcane, rice etc leaving behind the bottom states with less water causing water inefficiency.

② Due to population explosion many water allocated for irrigated purposes has increasingly been diverted to domestic & other requirements.

Conclusion :-

There is no denying the fact that the canal irrigation sector faces many problems including low investment efficiency, poor financial recovery and low water use efficiency. But the sluggish growth of canal irrigation is due to data problems & violation of rotational cropping pattern. One of the main reasons why canal irrigation is criticized here is no proper water accounting method. Hence proper water accounting method is the need of the hour.