

Irrigation FAQ

Q. 1. What is Irrigation?

Irrigation is artificial application of water for growing crops.

Q.2. Why it is required?

- preparation of field
- supplements that part of water required by the crops which is not fulfilled by rainfall

Q. 3. What is Culturable Command Area (CCA)?

It is the area which can be physically irrigated from a scheme and is fit for cultivation.

Q. 4. What is Total Cultivable Area (TCA)?

It is total area where cultivation is possible. This consists of net sown area, current fallows, fallow lands other than current fallows, Culturable waste land and land under miscellaneous tree crops.

Q. 4. What is Total Cultivable Area (TCA)?

It is total area where cultivation is possible. This consists of net sown area, current fallows, fallow lands other than current fallows, Culturable waste land and land under miscellaneous tree crops.

Q. 5 What is Net Sown Area (NSA)?

This represents the total area sown with crops and orchards. Area sown more than once in the same year is counted only once.

Q. 6 What is Gross Sown Area (GSA)?

This is the sum total of the areas under all crops over the various seasons in an agriculture year (i.e. from the 1st July to 30th June next year). Under GSA, area sown twice/thrice in the same year is counted as two/three times.

Q. 7 What is Cropping Intensity?

It is the ratio of gross sown (total) area to the net sown area expressed as a percentage.

Q. 8 What is Net Irrigated Area (NIA)?

It is the area irrigated through any source once in a year for a particular crop. Area irrigated more than once in the same year is counted only once.

Q. 9) What is Gross Irrigated Area (GIA)?

This is the sum total of the areas irrigated under all crops over the various seasons in agriculture year (i.e. from the 1st July to 30th June next year). Under GIA, area irrigated twice/thrice in the same year is counted as two/three times.

Q. 10) What is Irrigation Intensity?

It is the ratio of gross irrigated (total) area to the net irrigated area expressed as a percentage.

Q. 11) What is Irrigation Potential Created (IPC)?

It is the area that can be irrigated from a project in a design agriculture year (i.e. from the 1st July to 30th June next year) for the projected cropping pattern and accepted water allowance on its full development.

Q. 12) What is Irrigation Potential Utilised (IPU)?

The Irrigation potential utilised is the total gross area actually irrigated by a project/scheme during the agricultural year under consideration.

Q. 13) What is Ultimate Irrigation Potential (UIP)?

The ultimate irrigation potential is the gross area that can be irrigated from a project in a design agriculture year (i.e. from the 1st July to 30th June next year) for the projected cropping pattern and assumed water allowance on its full development.

Q. 14) What are the types of Irrigation Projects?

There are three types of Irrigation Projects:-

- Major Irrigation Project-CCA more than 10,000 Ha
- Medium Irrigation Project-CCA between 2,000 and 10,000 Ha
- Minor Irrigation Project-CCA less than 2000 Ha

Q. 15) What are Irrigation Schemes launched by Government of India ?

There are three types of Irrigation Projects:-

- Accelerated Irrigation Benefits Programme (AIBP)
- National Projects
- Command Area Development and Water Management (CADWM)
- Repair, Renovation and Restoration (RRR) of Water Bodies
- Pradhan Mantri Krishi Sinchayee Yojana (PMKSY)

Next FAQ Set >>
Water Availability