

Irrigation Terminology

Culturable Command Area (CCA)

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

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.

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.

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 01st July to 30th June next year). Under GSA, area sown twice/thrice in the same year is counted as two/three times.

Cropping Intensity

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

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.

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 01st July to 30th June next year). Under GIA, area irrigated twice/thrice in the same year is counted as two/three times.

Irrigation Intensity

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

Irrigation Potential Created (IPC)

It is the area that can be irrigated from a project in a design agriculture year (i.e. from the 01st July to 30th June next year) for the projected cropping pattern and accepted water allowance on its full

development.

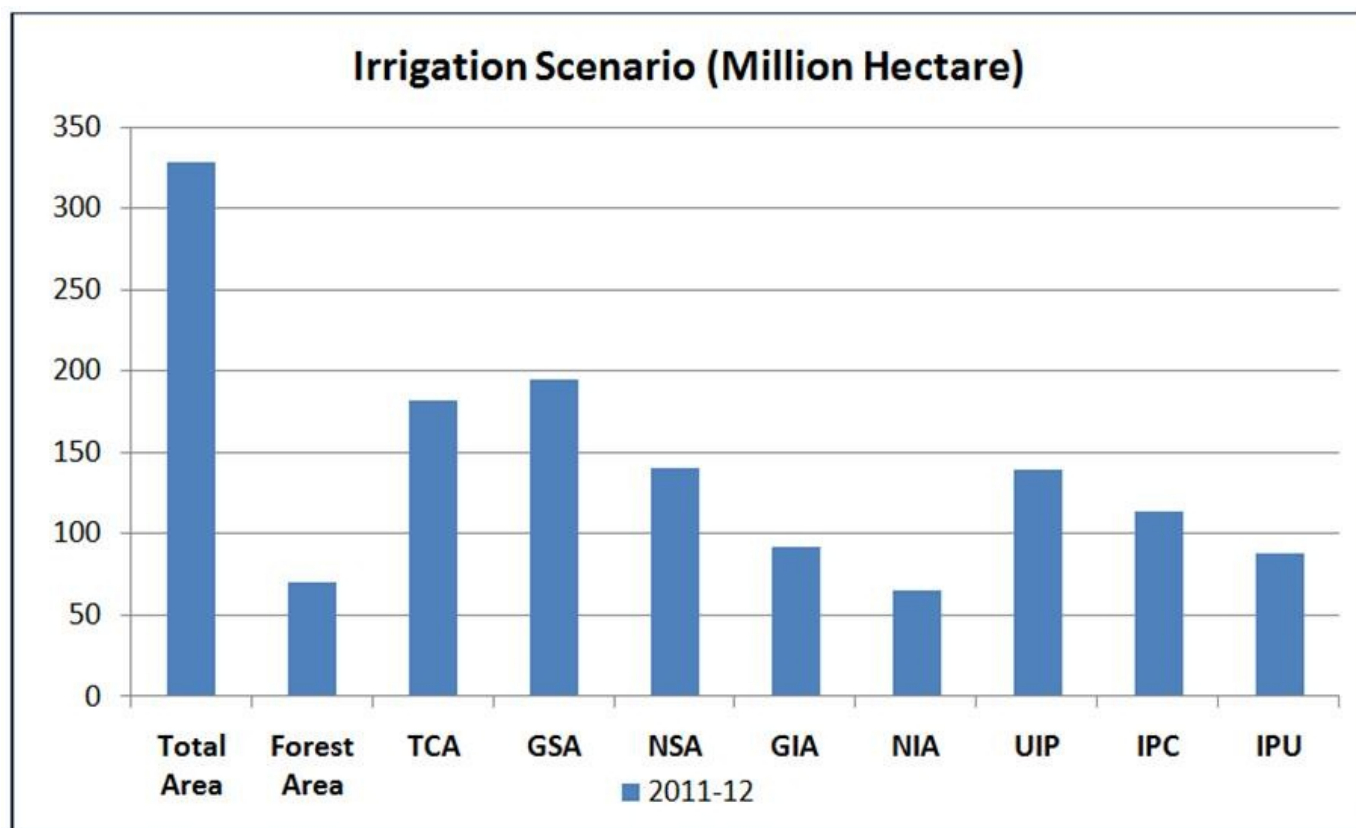
Irrigation Potential Utilised (IPU)

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

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 01st July to 30th June next year) for the projected cropping pattern and assumed water allowance on its full development.

Irrigation Scenario



Next Chapter >>
Irrigation Projects