

(a) the efforts made to increase the production of fish in inland waters in Orissa; and

(b) the quantum of fish produced in the inland waters in Orissa during each of the last three years?

THE MINISTER OF STATE IN THE MINISTRY OF AGRICULTURE (SHRI MULLAPPALLY RAMACHANDRAN): (a) Under Centrally Sponsored Schemes, 13 Fish Farmer /Development Agencies and 4 Brackish Water Fish Farmers Development Agencies have been established in Orissa to increase inland fish production. These agencies have so far brought 34050 ha. of fresh water and 8742 ha. of brackish water area under fish and shrimp culture in the State.

(b) Details of fish production in the inland sector are given below:-

Year	Production ('000 tonnes)
1989-90	75.87
1990-91	83.29
1991-92	95.03

#### Land Under Cultivation

2810. SHRI SOBHANADREESWARA RAO VADDE: Will the Minister of AGRICULTURE be pleased to state:

(a) the land under cultivation of various crops with irrigation facility, State-wise;

(b) the projected land use with irrigation facility to make our country meet the domestic requirement as well as enough to export by the Year 2001 A.D.; and

(c) the steps taken by the Government in this regard?

THE MINISTER OF STATE IN THE

MINISTRY OF AGRICULTURE (SHRI MULLAPPALLY RAMACHANDRAN): (a) As per land use statistics for 1988-89 (latest available), a statement giving net irrigated area and gross irrigated area Statewise, is enclosed.

(b) As per projections made by the Ministry of Water Resources, the likely irrigation potential at the end of the year 2001 A.D. is estimated to be 109.64 million hectares.

(c) The main elements of the strategy for development of irrigation potential area as follows:

(i) Completion of ongoing major and medium irrigation projects with a strict prioritisation;

(ii) to encourage greater user participation in irrigation projects for better water utilisation;

(iii) a greater emphasis on periodic monitoring of water use pattern and its releases in all the major irrigation commands;

(iv) modernisation and improvements of older irrigation systems;

(v) in case of minor irrigation, emphasis will be laid for repair and improvement of minor irrigation tanks as well as development of new works as part of the integrated micro development projects;

(vi) speedy completion of large number of on going surface water minor irrigation schemes;

(vii) encouragement to minor surface

water lift irrigation schemes;

(viii) priority to the installation of sprinklers/drip irrigation systems to save water in water scarce and drought prone areas;

(ix) programmes to improve the utilisation of public tube wells and their rehabilitation; and

(x) greater emphasis on conjunctive use of surface and ground water.

## STATEMENT

(Thousands hectares)

Sl.No.	States	Net irrigated area		Gross irrigated area	
		3	4	3	4
1.	Andhra Pradesh	4258	5440		
2.	Arunachal Pradesh	32	32		
3.	Assam	572	572		
4.	Bihar	3524	4242		
5.	Goa	14	14		
6.	Gujarat*	2039	2381		
7.	Haryana	2532	4074		
8.	Himachal Pradesh	99	171		
9.	Jammu & Kashmir	310	432		
10.	Karnataka	2092	2606		
11.	Kerala	317	406		
12.	Madhya Pradesh	3667	3785		

Sl.No.	States	Net irrigated area		Gross irrigated area	
		3	4	3	4
13.	Maharashtra	1881	2381		
14.	Manipur *	65	75		
15.	Meghalaya *	50	51		
16.	Mizoram *	8	8		
17.	Nagaland	56	57		
18.	Orissa	1830	2350		
19.	Punjab	3776	6837		
20.	Rajasthan	3481	4365		
21.	Sikkim *	16	16		
22.	Tamil Nadu	2375	2873		
23.	Tripura	41	41		
24.	Uttar Pradesh	10170	14113		
25.	West Bengal	1911	1911		
26.	Others	70	96		
27.	All - India	45186	59329		

In the absence of data for the year 1988-89 latest available information has been utilised.