



**GOVERNMENT OF MAHARASHTRA** 

.

## **SEASON AND CROP REPORT**

#### MAHARASHTRA STATE

1988-89

Printed at : The Manager, Government Photozinco Press, Pune 411 004,

Published by :

The Director, Government Printing, Stationery and Publications, Maharashtra State,

Bombay - 400 004.

1996

Price 5 Rs. 60

#### INTRODUCTION

The Season and Crop Report is an important report published by the Department of Agriculture of Maharashtra State. The present report pertains to the year 1988-89.

The information on Centrewise and Seasonwise rainfall data, district level land utilization statistic, irrigation statistics, area, production and productivity of various crops, farm harvest prices, agricultural wages and agricultural stock etc., is presented in the report. The information is collected through various agencies detailed below.,

The rainfall data is based on daily rainfall figures received from Revenue Offices and Indian Meteriological Department for a few selected centres. The data on land utilization, source of irrigation, area irrigated as well as total area under different crop and agricultural wages are collected from District Collectorates through Season and Crop Report where as the production estimates are worked out on the basis of Crop Estimation Surveys conducted on certain principal food and nonfood crops. The data on farm harvest prices are collected from Agricultural Development Officers. The data on Agricultural Census of Live-stock conducted by Directorate of Animal Husbandry in the year 1987 is presented in the Report.

The State level figures are presented in summary tables A to I, while districtwise details are furnished in Table I to VIII.

The main features of the report are summarised below,

The Season during 1988-89 was slightly better than that of the year 1987-88.

The net sown area during the year under report was 182.19 lakh hectares or .59% of geographical area. The gross cropped area was 214.86 lakh hectares.

The net irrigated area was 23.90 lakh hectares whereas gross irrigated area was 30.74 lakh hectares.

The foodgrain production in the State was 110.14 lakh tonnes and that of sugarcane was 252.56 lakh tonnes.

Both productions increased slightly than that of the last year. However, Cotton production decreased to 13.79 lakh bales of 170 kg. each (Lint).

Total oilseed production was 16.88 lakh tonnes which increased by 22.1% over the last year. The farm harvest prices as well as agricultural wages during 1988-89 were higher than those during 1987-88.

The report may prove useful to the users of Agricultural Statistics.

PUNE - 411 001 Date 4th March, 1994

(UmeshchandraSarangi) Commissioner (Agriculture) Maharashtra State, Pune-1

### SEASON AND CROP REPORT OF MAHARASHTRA STATE FOR THE YEAR 1988-89

# CONTENTS

A-1       Percentage area under each of the ninefold classification         B       Sources of water supply and the area irrigated therefrom         C       Area of crops under irrigation         D       Ared under all crops         D-1       Percentage area under major Food grain crops to total area under food grain crops         D-11       Percentage area under principal crops to total cropped area         D-11       Percentage districtwise area as compared to total state area under principal crops         C       Average yield per hectare         F       Outturn of crops         G       Farm (Harvest) Prices of principal crops         H       Agricultural Wages         I       Number of livestock, poultry and agricultural machinery         STATISTICAL TABLES       V         V       Rainfall         II       Classification of area (L.U.S.)         III-A       Sources of water supply and the area irrigated therefrom         V-A       Area under non-food crops         IV-A       Area under non-food crops         IV-C       Details of cropped area         V-A       The Average yield of the principal crops         V-A       The Average yield of the principal crops         V-B       Total outturn of principal crops         V-B </th <th>CHAPTER/TABLI</th> <th>e Subject</th> <th>PAGES</th>	CHAPTER/TABLI	e Subject	PAGES
II       Land utilisation         III       Irrigated areà         IV       Cropped area         V       Average yield and outurn of crops         VI       Prices         VII       Agricultural Wages         VIII       Agricultural stock         SUMMARY TABLES       A         Land utilisation statistics         A-1       Percentage area under each of the innefold classification         B       Sources of water supply and the area irrigated therefrom         C       Area of crops under irrigation         D-1       Percentage area under major Food grain crops to total area under food grain crops         D-1       Percentage area under principal crops to total state area under principal crops         D-11       Percentage districtwise area as compared to total state area under principal crops         E       Average yield per hectare         F       Outturn of crops         G       Farm (Harvest) Prices of principal crops         H       Agricultural Wages         II       Classification of area (L.U.S.)         III       Classification of area (L.U.S.)         III-A       Sources of water supply and the area irrigated therefrom         Sources of water supply and the area irrigated therefrom       Sources of water supply and th	<b>₽</b>	INTRODUCTION	
III       Irrigated area         IV       Cropped area         V       Average yield and outurn of crops         VI       Prices         VII       Agricultural Wages         VIII       Agricultural stock         SUMMARY TABLES       A         A. Land utilisation statistics         A-1       Percentage area under each of the iniefold classification         B       Sources of water supply and the area irrigated therefrom         C       Area of crops under irrigation         D-1       Percentage area under major Food grain crops to total area under food grain crops         D-11       Percentage districtwise area as compared to total state area under principal crops         D-11       Percentage districtwise area as compared to total state area under principal crops         C       Foutturn of crops         G       Farm (Harvest) Prices of principal crops         H       Agricultural Wages         I       Classification of area (L.U.S.)         III-A       Sources of water supply and the area irrigated therefrom         SUMMERY TABLES       Statisfall         III       Classification of area (L.U.S.)         III-A       Sources of water supply and the area irrigated therefrom         SUM       Rea under food crops	I .	Season : Effect of rainfall on sowing and crop growth	1
IV       Cropped area         V       Average yield and outurn of crops         VI       Prices         VII       Agricultural Wages         VIII       Agricultural stock         SUMMARY TABLES       A         Land utilisation statistics         A-1       Percentage area under each of the ninefold classification         B       Sources of water supply and the area irrigated therefrom         C       Area of crops under irrigation         D       Area under all crops         D-11       Percentage area under major Food grain crops to total area under food grain crops         D-11       Percentage area under principal crops to total area under principal crops         D-11       Percentage districtwise area as compared to total state area under principal crops         D       Average yield per hectare         F       Outturn of crops         G       Farm (Harvest) Prices of principal crops         H       Agricultural Wages         STATISTICAL TABLES         V       Rainfall         11:A       Sources of water supply and the area irrigated therefrom         IV-A       Area under food crops         III-A       Sources of water supply and the area irrigated therefrom         IV-A       Area under food crop	• <b>II</b>	Land utilisation	2
V       Average yield and outurn of crops         VI       Prices         VII       Agricultural Wages         VIII       Agricultural stock         SUMMARY TABLES       A         A land utilisation statistics       A-1         Percentage area under each of the ninefold classification       B         Sources of water supply and the area irrigated therefrom       11         D       Area of crops under irrigation       11         D       Area under all crops       13         D-I       Percentage area under principal crops to total area under food grain crops       D-II         D-II       Percentage area under principal crops to total state area under principal crops       20         E       Average yield per hectare       F       Outturn of crops         G       Farm (Harvest) Prices of principal crops       26         I       Numher of livestock, poultry and agricultural machinery       28         STATISTICAL TABLES       Y       Rainfall       32         II       Classification of area (L.U.S.)       48         III-A       Sources of water supply and the area irrigated therefrom       50         H-B       Area under food crops       66         IV-A       Area under on-food crops       66	III	Irrigated area	2
VI       Prices         VII       Agricultural Wages         VIII       Agricultural stock         SUMMARY TABLES       A         A       Land utilisation statistics         A:1       Percentage area under cach of the ninefold classification         B       Sources of water supply and the area irrigated therefrom         C       Area of crops under irrigation         D       Ared under all crops         D-II       Percentage area under major Food grain crops to total area under food grain crops         D-III       Percentage area under principal crops to total cropped area         D-III       Percentage districtwise area as compared to total state area under principal crops         E       Average yield per hectare         F       Outturn of crops         G       Farm (Harvest) Prices of principal crops         H       Agricultural Wages         I       Classification of area (L.U.S.)         III-A       Sources of water supply and the area irrigated therefrom         III-A       Sources of water supply and the area irrigated therefrom         III-A       Sources of water supply and the area irrigated therefrom         III-A       Sources of water supply and the area irrigated therefrom         III-A       Sources of water supply and the area irrigate	IV		3
VIIAgricultural WagesVIIIAgricultural stockSUMMARY TABLESALand utilisation statisticsA-1Percentage area under each of the inefold classificationBSources of water supply and the area irrigated therefromCArea of crops under irrigationDAred under all cropsD-IIPercentage area under major Food grain crops to total area under food grain cropsD-IIPercentage area under principal crops to total area under principal cropsD-IIPercentage districtwise area as compared to total state area under principal cropsEAverage yield per hectareFOutturn of cropsGFarm (Harvest) Prices of principal cropsHAgricultural WagesINumber of livestock, poultry and agricultural machinerySTATISTICAL TABLESVIIRainfallIIClassification of area (L.U.S.)HI-BArea of crops irrigatedIV-AArea under non-food cropsIV-AArea under non-food cropsIV-BArea under non-food cropsV-AThe Average yield of the principal cropsV-AThe Average yield of the principal cropsV-AThe Average yield of the principal cropsV-BTotal outturn of principal cropsV-BTotal outturn of principal cropsVIIAgricultural wagesVIIAgricultural wages	· · ·		4
VIII       Agricultural stock         SUMMARY TABLES         A       Land utilisation statistics         A-1       Percentage area under each of the ninefold classification         B       Sources of water supply and the area irrigated therefrom         C       Area of crops under irrigation         D       Area of crops under irrigation         D       Area of crops under irrigation         D       Area of crops under irrigation         D-I       Percentage area under major Food grain crops to total area under food grain crops         D-II       Percentage area under principal crops to total state area under principal crops         D       Average yield per hectare         F       Outturn of crops         G       Farm (Harvest) Prices of principal crops         H       Agricultural Wages         STATISTICAL TABLES       26         I       Number of livestock, poultry and agricultural machinery         STATISTICAL TABLES       28         M       Rainfall       32         II       Classification of area (L.U.S.)       48         III-A       Sources of water supply and the area irrigated therefrom       50         IV-B       Area under non-food crops       66         IV-A       Area under non			5
SUMMARY TABLES         A       Land utilisation statistics         A-1       Percentage area under each of the ninefold classification         B       Sources of water supply and the area irrigated therefrom         C       Area of crops under irrigation         D       Ared under all crops         D-I       Percentage area under major Food grain crops to total area under food grain crops         D-II       Percentage area under principal crops to total cropped area         D-III       Percentage districtwise area as compared to total state area under principal crops         E       Average yield per hectare         F       Outturn of crops         G       Farm (Harvest) Prices of principal crops         H       Agricultural Wages         Y       Rainfall         II       Classification of area (L.U.S.)         HI-A       Sources of water supply and the area irrigated therefrom         HI-B       Area under food crops         IV-A       Area under food crops         IV-C       Details of cropped area         V-A       The Average yield of the principal crops         V-A			5
A       Land utilisation statistics         A-1       Percentage area under each of the ninefold classification         B       Sources of water supply and the area irrigated therefrom         C       Area of crops under irrigation         D       Ared under all crops         D-I       Percentage area under major Food grain crops to total area under food grain crops         D-II       Percentage area under principal crops to total cropped area         B       D-III         Percentage districtwise area as compared to total state area under principal crops         E       Average yield per hectare         F       Outturn of crops         G       Farm (Harvest) Prices of principal crops         H       Agricultural Wages         I       Number of livestock, poultry and agricultural machinery         STATISTICAL TABLES       7         Rainfall       32         II       Classification of area (L.U.S.)         III-A       Sources of water supply and the area irrigated therefrom         IV-A       Area under food crops         IV-B       Area under non-food crops         IV-B       Area under non-food crops         IV-C       Details of cropped area         V-A       The Average yield of the principal crops			6
A-1       Percentage area under each of the ninefold classification         B       Sources of water supply and the area irrigated therefrom         C       Area of crops under irrigation         D       Ared under all crops         D-I       Percentage area under major Food grain crops to total area under food grain crops         D-II       Percentage area under principal crops to total cropped area         B       D-III       Percentage districtwise area as compared to total state area under principal crops         E       Average yield per hectare       F         F       Outturn of crops       26         I       Number of livestock, poultry and agricultural machinery       28         STATISTICAL TABLES       7       Rainfall       32         II       Classification of area (L.U.S.)       48         III-A       Sources of water supply and the area irrigated therefrom       50         HI-B       Area under food crops       66         IV-A       Area under non-food crops       60         IV-B       Area under of principal crops       90         IV-C       Details of cropped area       86         V-A       The Average yield of the principal crops       96         V-B       Total outturn of principal crops       96		SUMMARY TABLES	
BSources of water supply and the area irrigated therefromCArea of crops under irrigationDAred under all cropsD-1Percentage area under major Food grain crops to total area under food grain cropsD-11Percentage area under principal crops to total cropped areaD-11Percentage districtwise area as compared to total state area under principal cropsD-11Percentage districtwise area as compared to total state area under principal cropsEAverage yield per hectareFOutturn of cropsGFarm (Harvest) Prices of principal cropsHAgricultural Wages26INumber of livestock, poultry and agricultural machinerySTATISTICAL TABLESVTRainfall11Classification of area (L.U.S.)111-ASources of water supply and the area irrigated therefrom112JV-AIII-AArea under food cropsIV-AArea under non-food cropsIV-CDetails of cropped areaV-AThe Average yield of the principal cropsV-AThe Average yield of the principal cropsV-AThe Average yield of the principal cropsV-AThe Average yield of the principal cropsV-BTotal outturn of principal cropsV-BFarm (Harvest) pricesVIIAgricultural wages	· A	Land utilisation statistics	7-8
CArea of crops under irrigation11DAred under all crops13D-IPercentage area under major Food grain crops to total area under food grain crops18D-IIPercentage area under principal crops to total cropped area18D-IIIPercentage districtwise area as compared to total state area under principal crops20EAverage yield per hectare20FOutturn of crops26GFarm (Harvest) Prices of principal crops26INumber of livestock, poultry and agricultural machinery28STATISTICAL TABLES71RainfallIIClassification of area (L.U.S.)48III-ASources of water supply and the area irrigated therefrom.50IV-BArea under non-food crops66IV-CDetails of cropped area88V-AThe Average yield of the principal crops96V-BTotal outturn of principal crops96VIAgricultural of principal crops96VIAgricultural wages106	A-1	Percentage area under each of the ninefold classification	9
DAred under all crops13D-IPercentage area under major Food grain crops to total area under food grain crops18D-IIPercentage districtwise area as compared to total state area under principal crops20EAverage yield per hectare20FOutturn of crops26GFarm (Harvest) Prices of principal crops26INumber of livestock, poultry and agricultural machinery28STATISTICAL TABLES26IIClassification of area (L.U.S.)48III-ASources of water supply and the area irrigated therefrom50IV-BArea under non-food crops80IV-CDetails of cropped area88V-AThe Average yield of the principal crops90V-BTotal outturn of principal crops90VIIAgricultural wages102-VIIAgricultural wages102-VIIAgricultural wages102-	-		· 10
D-IPercentage area under major Food grain crops to total area under food grain cropsD-IIPercentage area under principal crops to total cropped area18D-IIIPercentage districtwise area as compared to total state area under principal crops20EAverage yield per hectare26FOutturn of crops26INumber of livestock, poultry and agricultural machinery28STATISTICAL TABLES26IIClassification of area (L.U.S.)48III-ASources of water supply and the area irrigated therefrom.50IV-BArea under food crops66IV-BArea under non-food crops80IV-CDetails of cropped area88V-AThe Average yield of the principal crops90V-BTotal outturn of principal crops90VIIAgricultural wages106-			11-12
D-IIPercentage area under principal crops to total cropped area18D-IIIPercentage districtwise area as compared to total state area under principal crops20EAverage yield per hectare7FOutturn of crops26GFarm (Harvest) Prices of principal crops26INumber of livestock, poultry and agricultural machinery28STATISTICAL TABLES32IIClassification of area (L.U.S.)48III-ASources of water supply and the area irrigated therefrom50IV-AArea under food crops66IV-AArea under non-food crops80IV-CDetails of cropped area88V-AThe Average yield of the principal crops96VIFarm (Harvest) prices102-VIIAgricultural wages106-	· · ·		13-16
<ul> <li>D-III Percentage districtwise area as compared to total state area under principal crops</li> <li>E Average yield per hectare</li> <li>F Outturn of crops</li> <li>G Farm (Harvest) Prices of principal crops</li> <li>H Agricultural Wages</li> <li>INumber of livestock, poultry and agricultural machinery</li> <li>STATISTICAL TABLES</li> <li>M Rainfall</li> <li>II Classification of area (L.U.S.)</li> <li>III-A Sources of water supply and the area irrigated therefrom</li> <li>HI-B Area of crops irrigated</li> <li>IV-A Area under food crops</li> <li>IV-B Area under non-food crops</li> <li>IV-C Details of cropped area</li> <li>V-A The Average yield of the principal crops</li> <li>V-B Total outturn of principal crops</li> <li>VI Farm (Harvest) prices</li> <li>VI Agricultural wages</li> </ul>			
EAverage yield per hectareFOutturn of cropsGFarm (Harvest) Prices of principal cropsHAgricultural WagesINumber of livestock, poultry and agricultural machinerySTATISTICAL TABLESVRainfallIIClassification of area (L.U.S.)III-ASources of water supply and the area irrigated therefromHI-BArea of crops irrigatedIV-AArea under food cropsIV-BArea under non-food cropsIV-CDetails of cropped areaV-AThe Average yield of the principal cropsV-BTotal outturn of principal cropsVIFarm (Harvest) pricesVIIAgricultural wages			18-19
FOutturn of cropsGFarm (Harvest) Prices of principal cropsHAgricultural Wages1Number of livestock, poultry and agricultural machinery28STATISTICAL TABLESVTRainfall11Classification of area (L.U.S.)1811-ASources of water supply and the area irrigated therefrom50HI-BArea of crops irrigatedIV-AArea under food cropsIV-BArea under non-food cropsIV-CDetails of cropped areaV-AV-BTotal outturn of principal cropsVIFarm (Harvest) pricesVIAgricultural wages106-			
GFarm (Harvest) Prices of principal cropsHAgricultural Wages26INumber of livestock, poultry and agricultural machinery28STATISTICAL TABLES32IIClassification of area (L.U.S.)48III-ASources of water supply and the area irrigated therefrom50HII-BArea of crops irrigated54IV-AArea under food crops66IV-BArea under non-food crops80IV-CDetails of cropped area88V-AThe Average yield of the principal crops90V-BTotal outturn of principal crops96VIIAgricultural wages106-			. 22
HAgricultural Wages26INumber of livestock, poultry and agricultural machinery28STATISTICAL TABLES32IIClassification of area (L.U.S.)48III-ASources of water supply and the area irrigated therefrom50HI-BArea of crops irrigated54IV-AArea under food crops66IV-BArea under non-food crops80IV-CDetails of cropped area88V-AThe Average yield of the principal crops90V-BTotal outturn of principal crops96VIFarm (Harvest) prices102-VIIAgricultural wages106-	. –		23
InAgriculturin WagesINumber of livestock, poultry and agricultural machinery28STATISTICAL TABLES32IIClassification of area (L.U.S.)48III-ASources of water supply and the area irrigated therefrom50HI-BArea of crops irrigated54IV-AArea under food crops66IV-BArea under non-food crops80IV-CDetails of cropped area88V-AThe Average yield of the principal crops90V-BTotal outturn of principal crops96-VIIAgricultural wages102-			24
STATISTICAL TABLES32IIClassification of area (L.U.S.)48III-ASources of water supply and the area irrigated therefrom50HI-BArea of crops irrigated54IV-AArea under food crops66IV-BArea under non-food crops80IV-CDetails of cropped area88V-AThe Average yield of the principal crops90V-BTotal outturn of principal crops96VIFarm (Harvest) prices102-VIAgricultural wages106-			26-27
VRainfall32IIClassification of area (L.U.S.)48III-ASources of water supply and the area irrigated therefrom50III-ASources of water supply and the area irrigated therefrom50III-BArea of crops irrigated54IV-AArea under food crops66IV-BArea under non-food crops80IV-CDetails of cropped area88V-AThe Average yield of the principal crops90V-BTotal outturn of principal crops96VIFarm (Harvest) prices102-VIAgricultural wages106-	L L		28-31
IIClassification of area (L.U.S.)48IIIClassification of area (L.U.S.)48III-ASources of water supply and the area irrigated therefrom50III-AArea of crops irrigated54IV-AArea under food crops66IV-BArea under non-food crops80IV-CDetails of cropped area88V-AThe Average yield of the principal crops90V-BTotal outturn of principal crops96-VIFarm (Harvest) prices102-VIAgricultural wages106-		STATISTICAL TABLES	
III-ASources of water supply and the area irrigated therefrom50III-ASources of water supply and the area irrigated therefrom54IV-BArea under food crops66IV-BArea under non-food crops80IV-CDetails of cropped area88V-AThe Average yield of the principal crops90V-BTotal outturn of principal crops96VIFarm (Harvest) prices102-VIAgricultural wages106-		Rainfall	32-47
HI-ASources of watch supply and the area infigured informationHI-BArea of crops irrigatedIV-AArea under food cropsIV-BArea under non-food cropsIV-CDetails of cropped areaV-AThe Average yield of the principal cropsV-BTotal outturn of principal cropsVIFarm (Harvest) pricesVIAgricultural wages	II	Classification of area (L.U.S.)	48-49
IV-AArea under food crops66IV-BArea under non-food crops80IV-CDetails of cropped area88V-AThe Average yield of the principal crops90V-BTotal outturn of principal crops96-VIFarm (Harvest) prices102-VIIAgricultural wages106-	III-A	Sources of water supply and the area irrigated therefrom	50-53
IV-AArea under non-food crops80IV-BArea under non-food crops80IV-CDetails of cropped area88V-AThe Average yield of the principal crops90V-BTotal outturn of principal crops96-VIFarm (Harvest) prices102-VIIAgricultural wages106-	HI-B	Area of crops irrigated	54-65
IV-BArea under hole-root cropsIV-CDetails of cropped area88V-AThe Average yield of the principal crops90V-BTotal outturn of principal crops96-VIFarm (Harvest) prices102-VIIAgricultural wages106-	IV-A	Area under food crops	66-79
IV-CDetails of cropped area88V-AThe Average yield of the principal crops90V-BTotal outturn of principal crops96-VIFarm (Harvest) prices102-VIIAgricultural wages106-	IV-B	Area under non-food crops	80-87
V-AThe Average yield of the principal crops90V-BTotal outturn of principal crops96-VIFarm (Harvest) prices102-VIIAgricultural wages106-	IV-C	· · · · · · · · · · · · · · · · · · ·	88-89
V-BTotal outturn of principal crops96-VIFarm (Harvest) prices102-VIIAgricultural wages106-	-		90-95
VIFarm (Harvest) prices102-VIIAgricultural wages106-	• •		96-101
VII Agricultural wages 106-	•		102-105
VII Agricultulai wages			106-117
VIII Educate of Computer 1097 (Agriculture) Steals)	•		118-131
VIII Livestock Census 1987 (Agricultural Stock) 118-	· VIII	Livestock Census 1967 (Agricultural Stock)	