

DISTRICT PROFILE



RAJMATA VIJAYARAJE SCINDIA KRISHI VISHWAVIDYALAYA

KRISHI VIGYAN KENDRA, DATIA (M.P.)

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DISTRICT PROFILE-DATIA

Agro climatic/Ecological zones

Agro ecological sub region according to ICAR	Semi lava plateau and central high lands
Agro climatic zone according to Planning Commission	Central plateau and hills region
Agro climatic zone according to NARP	Bundelkhand zone

Geographical status

Particulars	Characteristics
Longitude	78.10 ⁰ -78.45 ⁰ East
Latitude	25 ⁰ 20'' -25 ⁰ 28'' North
Physiography	218 m above MSL
Topography	0-3% with sloppy small hillocks
Major drainage	Sindh river and its tributaries
	Pahuj river and its tributaries
Ground water level (2006)	Pre monsoon – 8.34 to 27.12 mbgl
	Post monsoon – 7.80 to 27.78 mbgl

Demographic Status

Particulars	Characteristics
Villages (No.)	608
Gram Panchayat (No.)	290
Tehsil (No.)	04 (Datia, Seondha, Bhandar, Indergarh)
Blocks (No.)	03 (Datia, Bhandar Seondha)
Population (2011)	7,86,754
Male : Female ratio	1000 : 875
Schedule Cast population	2,00,027 (25.46%)
Schedule Tribes population	15,061 (1.91%)
Literacy %	62.46
Population / density/Km ² .	292

Climate

Particulars	Characteristics
Temperature	Minimum 2.2 ⁰ C (Dec), 24.9 ⁰ C (May)
	Maximum 25.2 ⁰ C (Dec), 42.7 ⁰ C (May)
Average Annual Rainfall	742.9 mm
Wind Velocity	6.2 Km/hr (Jun), 1.0 Km/hr (Dec)
Relative Humidity	Minimum 31.0 %,
	Maximum 90.8%

Soil Types

Type	Area (000 ha)	Percentage of total area
Light (<i>Ranker</i>)	12.15	06.20
Medium (<i>Padua</i>)	49.20	25.20
Heavy (<i>Kabar/Mar</i>)	133.92	68.60

Land holding Pattern

Particulars	No. of farmers	Percentage of total farmers
Marginal Farmers	57540	47.57
Small Farmers	29274	24.20
Semi medium Farmers	21055	17.40
Medium Farmers	11277	09.32
Large Farmers	1243	01.02
Total	120939	100.00
Average land holding size (ha)	1.72	

Land Use Pattern

Particulars	Area (000 ha)	Percentage of total geographical area
Total Geographical area	307.17	-
Forest	29.23	9.51
Land put non agricultural uses and barren uncultivable	27.39	8.91
Permanent pasture, grazing and under miscellaneous trees	10.96	3.56
Cultivable waste land	5.53	1.81
Fallow land	12.86	4.18
Net sown area	221.20	72.01
Area sown more than once	56.944	-
Gross cropped area	278.14	-
Cropping intensity (%)	-	126

Irrigation Pattern

Sources	No. of sources	Area covered (ha)	Percentage of total irrigated area
Canal	04	1,02,167	58.93
Tube well	782	11,306	06.52
Open well	15934	59,393	34.25
Others sources	-	1502	0.80
Total		1,73,368	100.00

Major farming systems/enterprises

Farming system/Enterprises
Crop production + Animal Husbandry + Horticulture
Crop production + Animal husbandry
Crop Production
Fisheries

Agro-ecological situations

Agro-ecological situation	Characterstics
AES – I	Block covered : Datia Geographical area : 47.00 % Topography : Undulating to slope Soils : Light (18.00%) and heavy (82.00%) Major Farming system : Crop production, crop production + animal husbandry, crop production + horticulture Major crops : Sesame, black gram, green gram, wheat, gram and vegetables
AES – II	Block covered : Seondha and Bhandar Geographical area : 53.00 % Topography : Undulating mild slope Soils : Light (28.00%) and heavy (72.00%) Major Farming system : Crop production, crop production + animal husbandry, crop production + horticulture Major crops : Sesame, black gram, green gram, wheat, gram, pea and vegetables

Major Crops

Paddy, Blackgram, Sesame, Groundnut, Wheat, Gram, Field pea, Mustard

Major Horticulture crops

Mango, Guava, Anola, Table pea, Potato, Tomato, Brinjal, Chilli, onion

Livestock

Cattle, Buffalo, Goat

Fisheries

Reservoir fisheries, Community pond fisheries, farm pond fisheries

New Emerging Crops

Soybean, Cluster bean, kharif onion, Peppermint

Strength

A large area under irrigation in rabi season.

Crop live stock integration.

High potential of Black gram, sesame and Ground nut in rain fed condition.

Large number of live stock.

Scented rice varieties covers 90% of total rice cultivation in district.

Challenges

Extreme weather events.

Dwindling natural resource (Water and soil) .

There is lack of storage and marketing facility.

Problem of stray cattle and wild animals.

Lack of farm implement.

Large number of small and marginal farmers.

Thrust Area

Soil health management

Water harvesting for recycling and ground water recharge

In situ soil and moisture conservation

Varietal diversification.

Integrated nutrient management

Integrated Pest management

Crop diversification

Breed up gradation in buffalo, goat and cattle

Health Management live stock

Green fodder availability

Composite Fish Farming

Income Generation of Farm Women

Drudgery Reduction and Efficiency Enhancement

Reduction in Malnutrition

Nutritional securities at household level

Data Source :

District Statistical booklet 2013, district Datia (M.P.) 475661

Deputy Director. Department of Farmers welfare and agriculture development Datia (M.P.) 475661