

District Shivpuri is situated at 25.20⁰ longitudes and 77.70⁰ latitudes. It is situated at National Highway No 3 and at 521.5 m. mean sea level. It has eight tehsils/blocks. The geographical area of Shivpuri district is 995.4 thousand hectares. The average rainfall of the district is 816.3 mm. Normally it starts from last week of June and ends in the second week of September. District experiences hot summer season in the month of May-June and severe cold winter season in December-January months. The maximum highest temperature in summer goes up to 48⁰ C and minimum temperature in winter goes down to 5⁰ C. Major cultivated area of district has medium black and red – yellow soils. Basic information of the district is given below

Basic information -

| S. No. | Particulars | Area (hectare) |
|--------|---------------------------|----------------|
| 1 | Geographical area | 995392 |
| 2 | Cropped area | |
| | Kharif | 304528 |
| | Rabi | 240467 |
| 3 | Total cropped area | 545004 |
| 4 | Net cropped area | 422384 |
| 5 | Double cropped area | 122620 |
| 6 | Cropping intensity % | 129 |
| 7 | Irrigated area | 165622 |
| 8 | No. of blocks | 08 |
| 9 | No. of villages | 1326 |
| 10 | Population | 1441950 |
| 11 | Population density/sq. km | 505.60 |
| 12 | Rural population | 1202277 |
| 13 | Total no. of farmers | 240371 |
| a. | Small | 69293 |
| b. | Marginal | 94583 |
| c. | Large | 76495 |

Source of irrigation and irrigated area in the District

| S.No. | Source | Source & Irrigated area |
|-------|--------|-------------------------|
|-------|--------|-------------------------|

| | | No. | Area in ha. |
|---|-----------------------------|------------|--------------------|
| 1 | Canal | 50 | 24595 |
| 2 | Tube well | 8961 | 46598 |
| 3 | Well | 60465 | 66198 |
| 4 | Tank | 108 | 3702 |
| 5 | Other sources | | 24529 |
| | Total Irrigated Area | | 165622 |

Major farming systems/Enterprises (based on the analysis made by the KVK)

| S. No | Farming system/Enterprise | Approximate Area ('000 ha) |
|-------|--|----------------------------|
| 1. | Rain fed/Irrigated cropping system | |
| 2. | Soybean based cropping system Soybean – Gram Soybean – Wheat | 115 |
| 3 | Groundnut based cropping system Groundnut-wheat/ gram | 64 |
| 4 | Fellow-mustard | 60 |
| 5 | Maize-gram | 33 |
| 6 | Urd/moong-mustard | 20 |
| 7 | Fellow-wheat | 101 |
| 8 | Paddy-wheat. Paddy-gram | 9.0 |
| | Horticulture crops & Vegetable | |
| 9 | Tomato based system | 4.5 |
| 10 | Soybean- Wheat-Pump king system | 1.5 |
| 11 | Vegetable-Chilly, Brinjal | 0.5 |
| | Fruit crops | |
| 12 | Guava, Aaonla, Citrus, Karonda, Custard apple | 1.2 |
| 13 | Spices Garlic, Onion, Coriander & Thyme | 3.2 |

Description of Agro-climatic Zone & major agro ecological situations (based on soil and topography)

| S. No | Agro-climatic Zone | Characteristics |
|-------|-----------------------|---|
| 1 | Bundelkhand Gird Zone | Shallow soil, low rain fall, high temperature |

| S. No | Agro ecological situation | Characteristics |
|-------|---------------------------|---|
| 1 | Soybean based | Medium black soil |
| 2 | Groundnut based | Light-red, yellow soil/ medium black soil |

Major Soil types

| S. No | Soil type | Characteristics | Area in ha |
|-------|---------------|---|------------|
| 1 | Medium black, | Good water holding capacity & medium organic matter | 283185 |
| 2 | Red & yellow | Poor water holding capacity & low organic matter | 261976 |

Area, Production and Productivity of major crops cultivated in the district

| S. No | Crop | Area (ha) | Production (Tons) | Productivity (Qtl /ha) |
|---------------|-----------|-----------|-------------------|------------------------|
| Kharif | | | | |
| 1 | Soybean | 110300 | 132400 | 12.00 |
| 2 | Groundnut | 69800 | 111700 | 16.00 |
| 3 | Maize | 33000 | 75900 | 23.00 |
| 4 | Urad | 27600 | 23500 | 8.5 |
| 5 | Sesame | 14700 | 10300 | 7.00 |
| 6 | Jowar | 10300 | 12400 | 12.00 |
| Rabi | | | | |
| 1 | Wheat | 101500 | 229000 | 22.56 |
| 2 | Mustard | 80500 | 80500 | 10.00 |
| 3 | Gram | 71000 | 85200 | 12.00 |
| 4 | Lentil | 6200 | 3400 | 5.50 |
| 5 | Sugarcane | 2900 | 7300 | 250.00 |
| 6 | Barley | 1800 | 3000 | 16.50 |
| 7 | Pea | 1700 | 900 | 5.50 |
| 8 | Linseed | 400 | 300 | 7.50 |