

# Agro-Climatic Zones Overview

Zone	Area	Total Area (million ha)	District Covered	Average Rainfall (mm)	Temp OC		Major Crops		Soils	Agriculture Research Station	Adaptive Trial Centres
					Max.	Min.	Kharif	Rabi			
IA	Arid western plain	4.74	Barmer & part of Jodhpur	200-370	40.0	8.0	Pearlmillet Mothbean Sesame	Wheat, Mustard, Cumin	Desert soils and sand dunes aeolian soil, coarse sand in texture some places calcareous	Mandore, Jodhpur	Rampura
IB	Irrigated north western plain	2.10	Sriganganagar, Hanumangarh	100-350	42.0	4.7	Cotton, Clusterbean	Wheat, Mustard, Gram	Alluvial deposits calcareous, high soluble salts & exchangeabl	Ganganagar	Shri Karanpur, Ganganagar & Hanumangarh

									<b>e sodium</b>		
<b>IC</b>	<b>Hyper arid partial irrigated zone</b>	<b>7.70</b>	<b>Bikaner, Jaisalmer, Churu</b>	<b>100-350</b>	<b>48.0</b>	<b>3.0</b>	<b>Pearlmillet Mothbean Clusterbean</b>	<b>Wheat, Mustard, Gram</b>	<b>Desert soils and sand dunes aeolian soil, loamycoarse in texture &amp; calcareous</b>	<b>Beechwal Bikaner</b>	<b>Loonkaran Bikaner</b>
<b>IIA</b>	<b>Internal drainage dry zone</b>	<b>3.69</b>	<b>Nagaur, Sikar, Jhunjhunu, Part of Churu</b>	<b>300-500</b>	<b>39.7</b>	<b>5.3</b>	<b>Pearlmillet Clusterbean Pulses</b>	<b>Mustard, Gram</b>	<b>Sandy loam, shallow depth red soils in depressions</b>	<b>Fatehpur, Sikar</b>	
<b>IIB</b>	<b>Transitional plain of Luni basin</b>	<b>3.00</b>	<b>Jalore, Pali, Part of Sirohi, Jodhpur</b>	<b>300-500</b>	<b>38.0</b>	<b>4.9</b>	<b>Pearlmillet Clusterbean sesame</b>	<b>Wheat, Mustard</b>	<b>Red desert soils in Jodhopur, Jalore &amp; Pali sierzems in Pali &amp; Sirohi</b>	<b>Keshwana, Jalore</b>	<b>Sumerpur, Pali</b>

III A	Semi arid eastern plains	2.96	Jaipur, Ajmer, Dausa, Tonk	500- 700	40.6	8.3	Pearlmille t Clusterbe an Sorghum	Wheat, Mustar d, Gram	Sierozens, eastern part alluvial, west north west lithosols, foot hills, brown soils	Durgapur a, Jaipur	Tabiji, Ajmer
III B	Flood prone eastern plain	2.77	Alwar, Dholpur, Bharatpur, Karoli, S.Madhopur	500- 700	40.0	8.2	Pearlmille t Clusterbe an Groundn ut	Wheat, Barley, Mustar d, Gram	Alluvial prone to water logging, nature of recently alluvial calcareous has been observed	Navgaun, Alwar	Malikpur, Bharatpur
IV A	Sub- humid southern	3.36	Bhilwara, Sirohi, Udaipur,	500- 900	38.6	8.1	Maize, Pulses, Sorghum	Wheat, Gram	Soil are lithosolsat foot hills &	Udaipur	Chittorgarh

	plains		Chittorgarh						alluvials in plains		
IVB	Humid southern plains	1.72	Dungarpur, Udaipur, Banswara, Chittorgarh	500-1100	39.0	7.2	Maize, Paddy Sorghum Blackgram	Wheat, Gram	Predominantly reddish medium texture, well drained calcareous, shallow on hills, deep soils in valleys		
V	Humid south eastern plain	2.70	Kota, Jhalawar, Bundi, Baran	650-1000	42.6	10.6	Sorghum Soyabean	Wheat, Mustard	Black of alluvial origin, clay loam, groundwater salinity	Ummedganj, Kota	Chattarpur a, Bundi