

DETAILS OF DISTRICT (2010-11)

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

Sr. No	Farming system/enterprise
1	Agriculture
2	Agriculture + Horticulture
3	Agriculture + Dairy
4	Agriculture + Animal Husbandry
5	Agriculture + Sericulture + Horticulture + Animal Husbandry
6	Agri. + AH+Backyard poultry

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

S. No	Agro-climatic Zone	Characteristics
1	Agro Eco unit No. -V (Hingoli, Aundha, Basmath, Sengaon block) Agro Eco unit No. VIII (Kalamnuri Block)	Geographical area – 473400 ha. Cultivable land – 360136 ha Kharif Villages – 610 Rabi villages – 101 Kharif area – 341500 ha Rabi area – 115500 ha. Annual rainfall – 890.34 mm (assured rainfall) Climate – Hot & dry Temperature – 41.6 to 11.2 °C Main rivers – Kayadhu, Painganga, Purna Latitude-19.43° N Longitude-77.11° E MSL ht.-500 to 600 mt.

Sr. No	Agro ecological situation	Characteristics
1	Agro Eco unit No. -V (Hingoli, Aundha, Basmath, Sengaon block) Agro Eco unit No. VIII (Kalamnuri Block)	Soil status of Hingoli district Heavy soil – 35% Medium soil – 42% Light Soil – 23% pH status – average Neutral 99.92% Acidic soil – 0.01% Alkaline – Nil Nitrogen & phosphorus content in soil Very low to medium Potassium content is –high to very high Soils are deficient in Iron, Magnese, & Zinc

- Source: Dept. of Agri.Hingoli.

Soil type/s

Sr. No	Soil type	Characteristics	Area in ha
1	Heavy soil	Shrink, swelling of soil and develop & deep wide cracks. Clay – more than 40% silt – 25 to 30%, sand 10 to 15% depth more than 90 cm	64260
2	Medium soil	Sand 23 to 52% silt – 28 to 50% Clay – 7 to 27% depth – 25 to 50 cm	202419
3	Light soil	Sand – 45 to 70% silt – 0 to 50% clay – 0 to 20% depth – 7.5 to 20 cm poor water holding capacity	54621

•Source: Soil Testing Laboratory, Govt.of Mah.,Parbhani.

Area, Production and Productivity of major crops cultivated in the district (2010-11)

S. No	Crop	Area (ha)	Production (Qtl)	Productivity (Qtl /ha)
1	Rice	450	2844	6.32
2	Kh. Sorghum	43300	378009	8.73
3	Bajra	200	N.A.	N.A.
4	Maize	500	N.A.	N.A.
5	Other Cereals	100	N.A.	N.A.
6	Total cereals	44550	N.A.	N.A.
7	Red gram	30500	256810	8.42
8	Gr. Gram	20600	106502	5.17
9	Black gram	18700	105094	5.62
10	Other pulses	350	N.A.	N.A.
11	Total food grain	70150	N.A.	N.A.
12	Total pulses	114700	N.A.	N.A.
13	Ground nut	00	N.A.	N.A.
14	Sesamum	800	N.A.	N.A.
15	Karal	400	N.A.	N.A.
16	Sun flower	50	352	7.04
17	Soyabean	153400	2494284	16.26
18	Yerandi	300	N.A.	N.A.
19	Other oil seeds	50	N.A.	N.A.
	Total oilseed	155000	N.A.	N.A.
20	Cotton	77100	609861	7.91
21	Sugar cane	36	N.A.	N.A.
22	Total area	351320	N.A.	N.A.
23	R. Sorghum	245	2682.75	10.95
24	Wheat	485	6804.55	14.03
25	Maize	200	N.A.	N.A.
26	Other ceareals	200	N.A.	N.A.
27	Total cereals	73400	N.A.	N.A.
28	Gram	42950	3131.055	7.29
29	Other pulses	500	N.A.	N.A.
30	Total pulses	43450	N.A.	N.A.
31	Total food grain	116850	N.A.	N.A.
32	Safflower	25750	812.8	7.04
33	Linseed	4050	N.A.	N.A.
34	Rabi sunflower	2550	127.245	4.99
35	Other oilseed	0.00	N.A.	N.A.
36	Total oilseed	28700	N.A.	N.A.
37	Summer maize	---	N.A.	N.A.
38	Summer sunflower	---	N.A.	N.A.
39	Summer groundnut		N.A.	N.A.
	Horticulture	10070	N.A.	N.A.
1	Fruit crop	575	N.A.	N.A.
2	Vegetable	2655	N.A.	N.A.
3	Spices & medicinal plants	14	N.A.	N.A.

4	Mango	2906.78	N.A.	N.A.
5	Orange	2158.44	N.A.	N.A.
6	Mosumbi	2713.04	N.A.	N.A.
7	Sapota	306.36	N.A.	N.A.
8	Ber	623.34	N.A.	N.A.
9	Guava	32.50	N.A.	N.A.
10	Jamun	42.80	N.A.	N.A.
11	k. Lime	123.07	N.A.	N.A.
12	Aonla	107.90	N.A.	N.A.
13	Charoli	08	N.A.	N.A.
14	Coconut	14.62	N.A.	N.A.
15	tamarind	42	N.A.	N.A.

Source: Dept. of Agri.Hingoli.

Weather data

June 2010

Year- 2010-11

Sr. no	Tahsil	Average rainfall (mm)	Actual rainfall during June 09 (mm)	Actual rainfall during June 10 (mm)	Average rainfall 2009(%)	Average rainfall 2010(%)
1	Hingoli	169.90	144.00	133.30	84.76	78.46
2	Basmat	134.30	117.30	134.00	87.34	99.78
3	Kalamnuri	189.50	139.00	119.00	73.35	62.80
4	Aundha	174.30	48.84	96.00	28.02	55.08
5	Sengaon	174.30	34.30	113.40	19.68	65.06
	District	168.46	96.69	119.14	58.63	72.23

July 2010

Sr. no	Tahsil	Average rainfall (mm)	Actual rainfall during July 09(mm)	Actual rainfall during July 10(mm)	Average rainfall 2009(%)	Average rainfall 2010(%)
1	Hingoli	246.50	202.00	614.90	81.95	249.45
2	Basmat	304.00	114.00	566.00	37.50	186.18
3	Kalamnuri	236.80	146.00	618.00	61.66	260.98
4	Aundha	252.60	155.00	376.00	61.60	148.85
5	Sengaon	252.60	111.70	459.00	44.22	169.09
	District	258.50	145.86	526.78	57.38	202.91

August 2010

Sr. no	Tahsil	Average rainfall (mm)	Actual rainfall during August 09 (mm)	Actual rainfall during August 10 (mm)	Average rainfall 2009(%)	Average rainfall 2010(%)
1	Hingoli	236.80	187.00	427.24	78.97	180.42
2	Basmat	335.00	217.00	290.00	64.78	86.57
3	Kalamnuri	265.80	99.00	371.04	37.25	139.59
4	Aundha	207.70	214.20	368.00	103.13	177.18
5	Sengaon	207.70	198.00	431.00	95.33	207.51
	District	250.60	183.04	377.46	75.89	158.25

September 2010

Sr. no	Tahsil	Average rainfall (mm)	Actual rainfall during Sep 09(mm)	Actual rainfall during Sep10 (mm)	Average rainfall 2009(%)	Average rainfall 2010(%)
1	Hingoli	172.30	122.00	164.20	70.81	95.30
2	Basmat	245.00	147.00	191.00	60.00	77.96
3	Kalamnuri	163.60	87.67	160.40	53.59	98.04
4	Aundha	159.80	173.80	138.00	108.76	86.36
5	Sengaon	159.8	72.00	188.00	45.06	117.65
	District	180.10	120.49	168.32	67.64	67.64

October 2010

Sr. no	Tahsil	Average rainfall (mm)	Actual rainfall during October 09 (mm)	Actual rainfall during October 10 (mm)	Average rainfall 2009(%)	Average rainfall 2010(%)
1	Hingoli	54.20	44.00	13.10	81.18	24.17
2	Basmat	54.20	69.00	41.00	127.31	75.65
3	Kalamnuri	54.20	73.00	90.80	134.69	167.53
4	Aundha	54.20	65.00	21.00	119.93	38.75
5	Sengaon	54.20	63.00	33.00	116.24	60.89
	District	54.20	62.80	39.78	115.87	73.39

June to December 2010

Sr. no	Tahsil	Average rainfall (mm)	Actual rainfall during June to nov. 09 (mm)	Actual rainfall during June to nov. 10 (mm)	Average rainfall 2009 (%)	Average rainfall 2010(%)
1	Hingoli	858.18	699.00	1401.94	81.45	163.36
2	Wasmal	1050.98	664.30	1224.00	63.21	116.46
3	Kalamnuri	888.38	523.70	1367.44	59.96	153.93
4	Aundha	827.08	655.40	999.00	79.24	120.79
5	Sengaon	827.08	464.00	1254.40	56.10	151.67
	District	890.34	603.00	1249.36	67.91	140.32

Production and productivity of livestock, Poultry, Fisheries etc. in the district (Yr.2003 census)

Category	Population	Production	Productivity
Cattle			
<i>Crossbred</i>	18668	7 to 8 lit/ day	10 to 12 lit / day
<i>Indigenous</i>	259053	2 to 3 lit / day	5 lit / day
Buffalo	43420	5 to 5.5 lit / day	8 to 9 lit / day
Sheep			
<i>Crossbred</i>	--	--	--
<i>Indigenous</i>	8515	15 kg	25 kg
Goats	154080	15 kg	25 kg
Pigs	--	--	--
<i>Crossbred</i>	--	--	--
<i>Indigenous</i>	---	--	--

Rabbits	---	--	--
Poultry			
Hens			
<i>Desi</i>	110969	80 eggs / year	120 eggs / year
<i>Improved</i>	24082	190 eggs/ year	240 eggs / year
Ducks	---	--	--
Turkey and others	---	--	--

Source: Dept. Animal Husbandry, Hingoli.