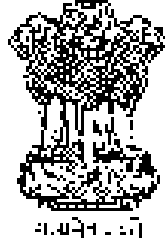


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**IRRIGATION
IN
GUJARAT**

2008-2009

**DIRECTORATE OF ECONOMICS AND STATISTICS
GOVERNMENT OF GUJARAT
GANDHINAGAR**

PREFACE

The water plays an important role in socio-economic development and the infrastructure development of the State. Sustained irrigation facilities are part of infrastructure development. As water is becoming a scarce commodity day after day, its preservation and conservation has become the most important aspect in relation to the water resources development planning and hence Government of Gujarat has accorded highest priority to the programmes of water resources development.

The present publication "Irrigation in Gujarat" is the eighth publication of its kind. The publication brings out a collection of latest time series data reflecting development of the State in Agriculture and Irrigation Sector.

The Directorate express its sincere gratitude to the various Government offices for providing latest statistical information for inclusion in this Publication.

It is hoped that the present publication will be useful to those who are interested in Agricultural, Water Resources and Development of the State.

The suggestions for improvement in content and scope of the publication are certainly welcome.

May-2009
Gandhinagar

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IRRIGATION IN GUJARAT

1.1 Background :

The Agriculture and Industry sector are two wheels of Indian economy. The Gujarat State is an industrially developed State. However agriculture development is also necessary for the economic development. Agriculture is the mainstay of the Indian economy. The agriculture sector provides employment and reducing poverty in rural area. Irrigation is a main source for development of agriculture. Water is probably the only natural resource to touch all aspects of human civilization – from Agriculture and Industrial development to cultural and religious values embedded in society. Water is a prime national resource, a basic human need and a precious national asset. Optimum development and efficient utilization of water resources, therefore, assumes great significance. The State Government laid down policy and programmes for development and regulation of the State water resources. The work done under Sardar Sarovar Project (SSP) and Water Resources Department for irrigation and allied activities are as under. Moreover Kalpasar Project is also implemented in the State.

A. SARDAR SAROVAR PROJECT (SSP) :

Status of the major components of the Sardar Sarovar Project at present is as under :-

(a) Main Dam :-

- i) The Spillway of Sardar Sarovar Dam is raised upto its crest level of 121.92 M.
- ii) 65.76 LCM concrete has been placed against the total quantity of 68.20 LCM in the dam which is about 96.43%.

- iii) Construction of Irrigation Bye Pass Tunnel [IBPT] is almost completed.
- iv) Preconstruction activities of Garudeshwar weir has been taken up.

(b) Hydro Power :-

i) Canal Head Power House [CHPH]

There are total 5 Units of Turbine Generator (TG) in CHPH, each of 50 MW installed capacity. All five units of Canal Head Power House has been commissioned

ii) River Bed Power House [RBPH]

There are total 6 units of Turbine Generator (TG) in RBPH, each of 200 MW installed capacity. All six units has been commissioned.

(c) Canal System :-

i) **Main Canal**

Work of Narmada Main Canal (NMC) from ch. 0 to 458 km is completed except three Canal Syphon viz. Saraswati, Khari-II and Banas. Work of these Canal Syphon is in progress. Water is flown in Canal up to 458 Km. i.e. Rajasthan Border.

ii) **Branch Canals**

Branch canals offtaking from NMC Ch 0 to 263 km

Work of all the 22 Branch Canals off taking through this reach is completed.

Saurashtra Branch Canal [SBC] and its Sub Branches

Work of 90 km of SBC is completed and work in the remaining reach is in progress. Work of 3 sub branches is completed and work of 4 sub branches is in progress. Out of five Pumping Stations on SBC-PS-1 is commissioned and the work of remaining four Pumping Stations is in progress.

Branch Canals of NMC reach between ch 263 to 458 km

Civil work of Viramgam-I, Viramgam-II, Kharaghoda and Zinzuwada branch canals are completed and installation of gates is under progress. Work of Goraiya, Bolera, Rajpura, Amarapura and Radhanpur is under progress.

Kachchha Branch Canal [KBC]

Work of 25 Km. length of Kachchh Branch Canal is completed and work in further 51 Km. is in progress. Detailed project report for three Power stations are under preparation. Tenders for three pumping stations are invited.

iii) Distribution System

Work of distribution system in reach 0 to 312 Km. of NMC (except command area of SBC) is in full swing.

iv) CAD Works

Work of Command Area Development in 4,85,995 Ha. is in full swing. Out of this work , in 3,31,477 Ha. has been completed.

(d) Height of Main Dam :-

The height of Main dam will be raised from time to time subject to necessary clearance. Canals and other works will be completed in phases. It is expected that the entire project will be completed by 2010-11.

(e) Hydro Power completed :-

The Sardar Sarovar Project comprises, Hydro power Complex having two power houses - River Bed Power House (6 x 200 MW) and Canal Head Power House (5 x 50 MW). The status of progress of the power Houses is as under as on 31/12/2008.

i) Canal Head Power House (CHPH) 5x50 MW

The CHPH is a surface power station in a saddle dam on right bank of the reservoir having total installed capacity of 250 MW (5 x 50 MW). These five units have been commissioned in a phased manner during Aug-04 to Dec-04. These units can be operated with minimum reservoir water level of 110.18 meters. The power produced up to 31/12/2008 is 1130.496 MUs.

ii) River Bed Power House (RBPH) 6x200 MW

The RBPH is an under ground power house stationed on the right bank of the river having six number of Francis type reversible turbines each of 200 MW installed capacity. The T.G. Sets are supplied by M/S Sumitomo Corporation, Japan and M/S BHEL. The 400 KV Switchyard is indoor type having Gas

Insulated Switch Gear and Bus-bars. This six units have been commissioned in phase manner during Feb-05 to June-06. Total Energy generation from this power house up to 31/12/2008 is 11058.456 MUs.

The energy generated in both the power houses is being evacuated through 400 KV Transmission lines. The energy will be transmitted to party states i.e. Gujarat, Maharashtra and Madhya Pradesh in the proportion of 16 : 27 : 57 respectively through 400 KV double circuit transmission lines, namely SSP-Kasor, SSP-Asoj, SSP-Dhule and SSP-Nagda respectively. All the transmission lines are commissioned and charged.

- Sardar Sarovar Project (Gujarat) Environment Protection Programme
- Status of the work done in Rehabilitation & Resettlement
- Status of Hydro Power Electrical Works

(f) Energy Generation Of Sardar Sarovar Project :-

i) Energy Generated at Canal Head Power House (CHPH) :-

Calendar Year	2004	2005	2006	2007	2008
Energy generated	129.016 MUs	183.555 MUs	199.791 MUs	301.190 MUs	316.495 MUs

ii) Energy generated at River Bed Power House (RBPH) :-

Calendar Year	2005	2006	2007	2008
Energy generated	1550.862 MUs	3350.522 MUs	3944.657 MUs	968.960 MUs

B. WATER RESOURCES :-

The thrust-area of Water Resources department is to maintain water balance in water deficit areas, mainly in North Gujarat, Saurashtra and Kachchha regions by way of inter-basin surplus water transfer, water transfer through link-canals, salinity ingress prevention works, water conservation, Participatory Irrigation Management, interlinking of rivers and efficient and economic use of available water resources.

- ? The geographical area of the State is 196 lakh hectare, while cultivable area of the state is 124 lakh hectare. The ultimate irrigation potential through the surface water is assessed at 39.40 lakh hectares including 17.92 lakh hectares through Sardar Sarovar (Narmada) Project. Similarly in respect of ground water resources, it is estimated that about 25.48 lakhs hectares can be irrigated. Thus, total ultimate irrigation potential through surface & ground water is estimated to be 64.88 lakh hectares. While rain fed dependant area is 59.12 lakh hectare.
- ? Potential created through major, medium, minor irrigation schemes, indirect benefits through check dams and Sujalam and Suphalam Yojana and Government Tube wells is about 29.66 lakh hectares. Potential utilized is about 23.70 lakh hectare.
- ? Check Dams are the most effective tools for water conservation at the minimum investment and minimum maintenance and operational cost. They act as ground

water recharge means and they offer facility of lift irrigation in the surrounding directly from the reservoir or from the wells recharged in the surroundings. About more than 1,13,740 check dams have been constructed under different schemes by different departments.

? Where suitable sites are not available for the construction of check dams deepening of existing Ponds / Tanks with financial contribution of 90:10 (Government : Beneficiaries) are implemented in a big way to store and conserve water and ground water recharging during monsoon. More than 18000 ponds / tanks have been deepened by different department.

? About 58000 boribandh and 2,40,000 Khet Talawadi has been completed by various department for water conservation and ground water recharge.

? The State Government has identified worst water scarce districts of North Gujarat, Central Gujarat, Saurashtra and Kahchha, which are covered under the Sujalam Suphalam Yojana (SSY). These districts are Ahmedabad, Patan, Banaskantha, Gandhinagar, Mehsana, Sabarkantha, Dahod, Panchmahals, Surendranagar and Kachchha.

✍ The work of 332 kms. long Sujalam Suphalam Spreading Canal, traversing through seven districts from Mahi to Banas river is almost completed, Water is flown in 250 kms. length. The works has started yielding results, as

thousands of farmers have irrigated their lands through lift and ground water recharge.

- ✍ Nine reservoirs of the North Gujarat region are planned to be filled by laying pipe lines for utilizing surplus flood water of Narmada. Eight pipelines out of fourteen are completed.
- ✍ Works of Panam High Level Canal under Sujalam Suphalam Yojana costing Rs.130.71 crore, benefiting 18000 ha area in Shahera, Godhra and Lunawada Taluka of Panchmahal District are under progress. Under this scheme the highly engineering skilled work of Tunneling in 3.3 km length is completed.
- ✍ Works of Kadana Left Bank High Level Canal under Sujalam Suphalam Yojana costing Rs.47.79 crore, benefiting 5000 ha. area in Kadana Santrampur and Lunavada Taluka of Panchmahal District are under progress. The work of 19 kms. long main canal is completed.
- ✍ For water scarce district of Saurashtra region, it is planned to diver one million acre feet of Flood Water of Narmada. As a part of this 107 check dams on 17 rivers are planned to be constructed under Sujalam Suphalam Yojana in Surendranagar under Sujalam Suphalam Yojana. The works of 105 check dams are completed.

Construction of additional 28 check dams are under progress.

✍ For Kachchha region, 44 bandars are to be constructed under Sujalam Suphalam Yojana for utilization of 1 M.A. Ft. excess flood water of Narmada and to prevent Salinity Ingress in the region. Out of 44 Bandars, works of 29 bandars are completed.

? Experience on user managed systems shows that several tasks in irrigation management are handled by farmer groups more efficiently and at reduced cost. Response to any deterioration of the conveyance system in charge of the farmers is much faster resulting in more efficient use of water. It has been decided to implement PIM in the whole State on a large scale for all the Irrigation Projects through the legislation. The Gujarat water Users participatory irrigation Management Bill-2007 is approved by the State Government and PIM ACT it is enacted. THE PIM ACT will not only help the State Government in accelerating the implementation of PIM in all the Irrigation Projects of the State, but Provide the Legislative Support to the Government. About 2,96000 ha. area are covered under Participatory Irrigation Management.

? It is targeted to cover 6 lac ha. (including Sardar Sarovar) area under Participatory Irrigation Management by end of 2010.

- ? Micro Irrigation System : GGRC acts as the nodal agency to Implement the uniform scheme for Micro Irrigation System in the state on behalf of GOG in accordance to the GR issued No.PRCH-102005-497-N dated 09-05-2005 of GOG. The GR envisages implementing an integrated scheme having estimated cost of Rs.1500 Crores for providing assistance to the states for adopting drip/ sprinkler/ rain guns/ porous pipes. In order to ensure smooth and uniform implementation of the Scheme, the State Government has estimated Gujarat Green Revolution Company Ltd. "the beneficiary farmer in the State is entitled to get 50% of the Total MIS cost of RS 60,000 /- per ha. which ever is less for adopting Micro Irrigation System under the scheme. There is no limitation of area or choice of system. The scheme is also bankable."
- ? Since inception of GGRC in year 2005-06, GGRC has benefited 53520 farmers with covering an area of 93383 ha by disbursing the subsidy amount RS. 171.01 Crores till year 2007-08.

In the above context the primary data of irrigation with analysis for the Gujarat State is important. The available data of irrigation and agriculture statistics are provided in Statement 1 to 32 in the publication and its brief analysis provided in following paragraphs.

1.2 Land Use Economy :

The present challenge of agriculture is to maintain the growth of food production. It has become imperative to optimize the use of land without diminishing its potential of production and endangering the environment. The geographical area of each village is classified into nine categories. It is called nine fold classification of land namely 1. Forest, 2. Barren & Uncultivable Land, 3. Non Agriculture Land, 4. Land put to non-agriculture use, 5. Permanent pastures and other grazing land, 6. Land under miscellaneous tree crops & groves not including net area sown, 7. Cultivable waster, 8. Current fellows, other fellows, 9. Net area sown. The Statement No. 1 provides the decennial changes in the land use pattern since 1981-82 to 2003-04 for the Gujarat State. As per Statement, 52.36% land of the State is classified under net area sown during the year 2003-04 which was 51.37% during the year 1981-82. It shows that the urbanization has not affected largely on net area sown.

The districtwise nine fold classification of land (in figure) for last two years (2002-03 and 2003-04) are provided in Statement No.2 & 3, while it's percentage distribution provided in Statement No.4 & 5.

1.3 Area irrigated by source :

The irrigated area is broadly classified into four classification namely irrigation by (a) canal, (b) tank, (c) well (including tubewell) and (d) other sources (like Khet talavadi, Boribandh, Checkdam etc.). The area irrigated and cropping intensity of the State are provided for the year 1981-82 to 2003-04 in Statement No.6. It shows that both net irrigated area and gross irrigated area are increased during 1981-82 to 2003-04. There is no major change observed in cropping intensity. The districtwise details for area irrigated by source and cropping intensity for last two years i.e. 2002-03 and 2003-04 are provided in

Statement No.7 & 8. The districtwise percentage distributed of area irrigated by source for the year 2002-03 and 2003-04 are provided in Statement No.9 & 10.

1.4 Cropped Area :

The crop is divided into two major parts for statistical purpose namely Food and Non-Food crops. The main food crops of the State are Rice, Wheat, Jowar, Bajra, Sugarcane, Maize etc. The main non-food crops are Cotton, Groundnut, Fodder, Tobacco etc. The detail of cropwise total area and irrigated area of the State is provided in Statement No.11 for the year 1989-90 to 2003-04. It is interesting to note that total food and non-food crops area is increasing from 1,07,37,200 hectare to 1,14,21,000 hectare during the period of 1989-90 to 2003-04. However total food and non-food crops irrigated area are increasing from 29,06,500 hectare to 41,11,200 hectare for the same period. The districtwise details of food and non-food crops for total area and irrigated area are also necessary for study. The districtwise last two years (2002-03 and 2003-04) information is provided in Statement No.12 & 13.

The food cropwise main districts of irrigated areas are provided in Statement No.14 & 15 for the year 2002-03 and 2003-04. Rice is available in 16 districts out of 25 districts of the State while Wheat is available in all districts mainly in Surat, Jamnagar, Junagadh & Rajkot district (each). The districtwise main crops (irrigated area) is provided in Statement No.16 & 17 for the year 2002-03 and 2003-04 respectively.

The percentage distribution of gross irrigated area by district for the year 2002-03 & 2003-04 are provided in Statement No.18. Moreover,

districtwise gross irrigated area as percentage of gross cropped area for the year 2002-03 & 2003-04 are also provided in Statement No.18 for ready reference.

1.5 Cropping intensity :

The statement showing districtwise intensity of cropping and districtwise intensity of irrigated cropping for the year 2002-03 and 2003-04 are provided in Statement No.19 & 20. It is interesting to note that the districtwise cropping intensity and districtwise intensity of irrigated cropping is more than 100% for each district in both year. The Anand and Dahod district have cropping intensity of 155.31% and 141.23% respectively, while Banaskantha, Dahod and Anand district have 132.65%, 130.03% and 128.99% intensity of irrigated cropping respectively for the year 2003-04.

1.6 Live Stock Census :

The oil engines with pumps, electric pumps and submersible pumps are generally used for irrigation in the State. The data is collected with Live Stock Census during the year 1997 and 2003 while such data was not collected during 2007. The districtwise data of oil engines with pumps, electric pumps and submersible pumps are provided in Statement No.21 for the year 1997 and 2003. Oil engines with pumps are generally used at Bhavnagar, Jamnagar, Junagadh and Rajkot district of the State i.e. in Saurashtra region. Electric pumps are generally used in Junagadh, Banaskantha, Sabarkantha and Bhavnagar district of the State, while submersible pumps are generally used in Junagadh, Mahesana, Sabarkantha and Banaskantha district in the State as per Live Stock Census 2003.

1.7 Tubewell :

The tubewell is also main sources of irrigation for the State. The districtwise information about total tubewell completed, tubewell from which irrigation water supply, area of irrigated potential and area irrigated through tubewell are provided in Statement No.22 for the year 2003-04 to 2007-08. It is interesting to note that the Banaskantha district has highest tubewell in the State. The cropwise, seasonwise area irrigated by tubewell is also collected by Gujarat State Water Resources Development Corporation (GSWRDC) in the State. The information is provided for the year 2003-04 to 2007-08 in Statement No.23 regarding cropwise, seasonwise are irrigated by tubewell.

1.8 Forest Department :

The khet Talavadi and Checkdam are also useful for irrigation. The Forest Department is also involved in constructing Khet Talavadi and Checkdam. The information about Khet Talavadi and Checkdam constructed by Forest Department during the year 2001-02 to 2007-08 is provided in Statement No.24.

1.9 Sardar Sarovar Project (SSP) :

The Sardar Sarovar Project (SSP) is connected with 15 districts for main canal, branch canal, sub-branch canal, minor canal, sub-minor canal with total length of 78,260 km. The districtwise information for projection and it's progress (up to 31-03-2008) for total length of canal (with distribution) are provided in Statement No.25. It is interesting to note that more than 93% work of main canal is completed.

The SSP will also solve problem of drinking water for 135 cities, 103 talukas and 8215 villages of Gujarat State. The districtwise information about drinking water is provided in Statement No.26.

The planned Cultivable Command Area (CCA) of SSP is more than Eighteen lakhs hect. which covers 15 districts, 73 taluka and 3193 villages of the Gujarat State. The districtwise, talukawise Cultivable Command Area and No. of Villages are provided in Statement No.27 for ready reference.

1.10 Irrigation Potential and Utilisation :

The major medium and minor irrigation schemes are implemented in the State. The irrigation potential and utilization through major, medium and minor irrigation from the year 1992-93 to 2007-08 are provided in Statement No.28.

1.11 Water Rate for Irrigation :

The Gujarat Government has finalized water rates for irrigation (for Gravity irrigation, Lift irrigation, Drip irrigation, Sprinkler irrigation etc.) vide G.R. No.:WTR-2005-41-P dated:9-9-2008. The important water rates of irrigation are provided in Statement No.29.

1.12 Gujarat State – All India Comparison :

The Gujarat State and All India comparison for total area under principal crops for the year 1981-82 to 2003-04 is provided in Statement No.30. The comparison of All India and Gujarat State for area irrigated under different principal crops is also provided in Statement No.31 for the year 1981-82 to 2003-04. The All India and Gujarat comparison for irrigated area by source like canal, tank and well (tubewells) is provided in Statement No.32 for the year 1981-82 to 2003-04. It is interesting to note that the percentage share of irrigated are by wells and tubewells is higher for the Gujarat State in comparison to All India.

**STATEMENT RELATED
TO
IRRIGATION IN GUJARAT**

STATEMENT NO : 1
Land Utilisation Pattern in Gujarat State

(Area in ' 00 Hectares)

Sr No	Year	Report- ing Area	Forests	Barren & Uncultur- able land	Land put to Non Agri- cultural Uses	Perma- nent Pasture & Other Grazing land	Land Under Misc.Tree Crops & Groves not Incl. in Net Area Sown	Cultur- able Waste	Current Fallows	Other Fallows	Net Area Sown	Area Sown More than Once	Gross Area Sown	Percent-age of Net Area Sown to Report- ing Area
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	1981-82	188260	18867	25016	10780	8448	40	19696	4909	3018	96702	12331	109541	51.37
2	1985-86	188249	18777	26757	10891	8463	42	19501	9373	425	94020	9820	104390	49.94
3	1989-90	188209	18845	26093	11160	8457	40	19794	8575	529	95256	12116	107372	50.61
4	1990-91	188219	18847	26092	11221	8457	40	19700	10379	521	93502	12846	106348	49.68
3	1991-92	188221	18846	26085	12208	8481	41	19828	10465	353	93471	12106	105577	49.66
6	1992-93	188221	18821	26069	11227	8479	40	19825	7561	327	96379	14203	110582	51.21
7	1993-94	188221	18862	26063	11253	8485	40	19813	9472	327	94470	12819	107289	50.19
8	1994-95	188221	18872	26050	11271	8485	40	19769	7372	275	96653	15798	112451	51.35
4	1995-96	188118	18628	26008	11371	8484	40	19711	7485	275	96670	12385	109955	51.39
5	1996-97	188118	18070	26030	11384	8490	40	19736	7590	241	96545	14015	110560	51.32
6	1997-98	188118	18590	26043	11401	8490	40	19802	6756	255	97296	14834	112130	51.72
7	1998-99	188118	18647	26034	11408	8489	40	19727	6855	244	97229	14772	112001	51.69
8	1999-00	188118	18648	26038	11414	8491	40	19818	9109	131	94989	12028	107017	50.49
9	2000-01	188118	18653	25997	11419	8507	40	19849	9189	131	94896	10074	104970	50.44
10	2001-02	188118	18655	25951	11439	8503	40	19875	7325	113	96779	11131	107910	51.45
11	2002-03	188118	18535	26084	11446	8502	40	19848	9300	112	94814	11493	106307	50.40
12	2003-04	188118	18536	26074	11453	8503	40	19767	5681	112	98515	15695	114210	52.36

*Source : Season and Crop Report,
Directorate of Agriculture, Gujarat State, Gandhinagar*

STATEMENT NO : 2

Districtwise Land Utilisation Pattern for the year 2002-03

(Area in '00 Hectores)

Sr No	District	Report- ing Area	Forests	Barren & Uncultur- able land	Land put to Non Aagri- cultural Uses	Perma- nent Pasture & Other Ggrazing land	Land Under Misc.Tree Crops & Groves not Incl. in Net Area Sown	Cultur- able Waste	Current Fallows	Other Fallows	Net Area Sown	Area Sown More than Once	Gross Area Sown	Percent- age of Net Area Sown to Reportin g Area
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Ahmedabad	7748	106	661	669	279	0	263	695	15	5060	502	5562	65.31
2	Amreli	7392	360	240	461	543	0	120	229	14	5425	148	5573	73.39
3	Banaskantha	10449	1107	310	529	651	0	176	359	0	7317	3178	10495	70.03
4	Bharuch	5247	245	198	725	163	0	355	289	0	3272	29	3301	62.36
5	Narmada	2801	1148	86	310	86	0	37	24	0	1110	22	1132	39.63
6	Bhavnagar	8580	269	986	597	613	0	250	291	10	5564	672	6236	64.85
7	The Dangs	1724	1598	*	126	*	0	*	*	0	563	16	579	32.66
8	Gandhinagar	2159	20	15	227	118	0	50	136	0	1593	375	1968	73.78
9	Jamnagar	10203	454	1555	650	763	0	322	413	12	6033	205	6238	59.13
10	Junagadh	8802	1759	99	454	889	0	88	232	0	5281	500	5781	60.00
11	Porbandar	2295	244	186	154	255	0	47	256	0	1153	99	1252	50.24
12	Kachchh	45652	3068	16859	737	701	0	16812	2964	0	4512	198	4710	9.88
13	Kheda	3944	96	80	378	146	0	23	221	0	3000	596	3596	76.06
14	Anand	2947		274	469	143	0	105	160	12	1784	709	2493	60.54
15	Mahesana	4392	72	52	315	268	0	47	159	2	3476	1029	4505	79.14
16	Patan	5668	465	156	452	283	0	140	356	0	3816	335	4151	67.33
17	Panchmahal	5138	1168	265	370	152	0	121	324	10	2728	232	2960	53.09
18	Dohad	3712	884	260	207	112	0	26	253	2	1969	241	2210	53.04
19	Rajkot	11074	368	1045	702	891	0	130	497	0	7441	315	7756	67.19
20	Sabarkantha	7298	1263	358	424	341	0	146	355	0	4411	698	5109	60.44
21	Surat	7762	1402	621	859	239	40	196	165	0	4240	382	4622	54.63
22	Surendranag	10458	531	1241	547	460	0	158	600	35	6886	176	7062	65.84
23	Vadodara	7528	723	280	725	329	0	67	312	0	5092	455	5547	67.64
24	Valsad	2944	934	102	165	24	0	101	7	0	1611	156	1767	54.72
25	Navsari	2201	251	155	194	53	0	68	3	0	1477	225	1702	67.11
	TOTAL	188118	18535	26084	11446	8502	40	19848	9300	112	94814	11493	106307	50.40
	<i>Source : Season and Crop Report,</i>													
	<i>Directorate of Agriculture, Gujarat State, Gandhinagar.</i>													
	<i>* :-Marine Forest is not included.</i>													

STATEMENT No-3

Districtwise Land Utilisation Pattern for the year 2003-04

(Area in '00 Hectores)

Sr.No	District	Reporting Area	Forests	Barren & Unculturable land	Land put to Non Agricultural Uses	Permanent Pasture & Other Ggrazing land	Land Under Misc.Tree Crops & Groves not Incl. in Net Area Swon	Culturable Waste	Current Fallows	Other Fallows	Net Area Sown	Area Sown More than Once	Gross Area Sown	Percentage of Net Area Sown to Reporting Area
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Ahmedabad	7748	106	661	669	279	0	263	662	15	5093	485	5578	65.73
2	Amreli	7392	360	240	461	543	0	120	182	14	5472	296	5768	74.03
3	Banaskantha	10449	1107	310	530	651	0	176	234	0	7441	2895	10336	71.21
4	Bharuch	5247	245	198	725	163	0	355	246	0	3315	71	3386	63.18
5	Narmada	2801	1148	86	310	86	0	37	22	0	1112	92	1204	39.70
6	Bhavnagar	8580	270	985	598	613	0	250	240	10	5614	611	6225	65.43
7	The Dangs	1724	1598	*	126	*	0	*	*	*	563	20	583	32.66
8	Gandhinagar	2159	20	15	227	118	0	50	87	0	1642	357	1999	76.05
9	Jamnagar	10203	454	1555	650	764	0	322	354	13	6091	818	6909	59.70
10	Junagadh	8802	1759	99	455	889	0	88	170	0	5342	1499	6841	60.69
11	Porbandar	2295	244	186	154	255	0	47	215	0	1194	146	1340	52.03
12	Kachchh	45652	3068	16857	737	700	0	16734	757	0	6799	478	7277	14.89
13	Kheda	3944	96	80	378	146	0	23	117	0	3104	929	4033	78.70
14	Anand	2947	0	269	470	143	0	104	59	11	1891	1046	2937	64.17
15	Mahesana	4392	72	52	316	269	0	47	140	2	3494	975	4469	79.55
16	Patan	5668	465	156	452	283	0	140	304	0	3868	356	4224	68.24
17	Panchmahal	5138	1168	265	370	152	0	121	292	10	2760	218	2978	53.72
18	Dohad	3712	884	260	207	112	0	26	99	2	2122	875	2997	57.17
19	Rajkot	11074	368	1044	703	891	0	130	306	0	7632	1056	8688	68.92
20	Sabarkantha	7298	1263	359	424	341	0	146	299	0	4466	864	5330	61.19
21	Surat	7762	1402	621	860	239	40	196	164	0	4240	389	4629	54.63
22	Surendranagar	10458	531	1241	547	460	0	159	465	35	7020	324	7344	67.13
23	Vadodara	7528	723	280	725	329	0	67	244	0	5160	494	5654	68.54
24	Valsad	2944	934	102	165	24	0	96	13	0	1610	171	1781	54.69
25	Navsari	2201	251	153	194	53	0	70	10	0	1470	230	1700	66.79
	TOTAL	188118	18536	26074	11453	8503	40	19767	5681	112	98515	15695	112429	52.37

Source: Season and Crop Report,
Directorate of Agriculture, Gujarat State, Gandhinagar.

* Marine Forest is not included.

STATEMENT NO : 4

Percentage Distribution of Area by Land Utilisation Pattern for the year 2002-03

Sr No	Districts	Forests	Barren & Unculturable land	Land put to Non Agricultural Uses	Permanent Pasture & Other Ggrazing land	Land Under Miscall-enious Crops & Groves not Including in Net Area Sown	Culturable Waste	Current Fallows	Other Fallows	Net Area Sown	Area Sown More than Once	Gross Area Sown	Reporting Area
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Ahmedabad	1.37	8.53	8.63	3.60	0.00	3.39	8.97	0.19	65.31	6.48	71.79	100.00
2	Amreli	4.87	3.25	6.24	7.35	0.00	1.62	3.10	0.19	73.39	2.00	75.39	100.00
3	Banaskantha	10.59	2.97	5.06	6.23	0.00	1.68	3.44	0.00	70.03	30.41	100.44	100.00
4	Bharuch	4.67	3.77	13.82	3.11	0.00	6.77	5.51	0.00	62.36	0.55	62.91	100.00
5	Narmada	40.99	3.07	11.07	3.07	0.00	1.32	0.86	0.00	39.63	0.79	40.41	100.00
6	Bhavnagar	3.14	11.49	6.96	7.14	0.00	2.91	3.39	0.12	64.85	7.83	72.68	100.00
7	The Dangs	92.69	0.00	7.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
8	Gandhinagar	0.93	0.69	10.51	5.47	0.00	2.32	6.30	0.00	73.78	17.37	91.15	100.00
9	Jamnagar	4.45	15.24	6.37	7.48	0.00	3.16	4.05	0.12	59.13	2.01	61.14	100.00
10	Junagadh	19.98	1.12	5.16	10.10	0.00	1.00	2.64	0.00	60.00	5.68	65.68	100.00
11	Porbandar	10.63	8.10	6.71	11.11	0.00	2.05	11.15	0.00	50.24	4.31	54.55	100.00
12	Kachchh	6.72	36.93	1.61	1.54	0.00	36.83	6.49	0.00	9.88	0.43	10.32	100.00
13	Kheda	2.43	2.03	9.58	3.70	0.00	0.58	5.60	0.00	76.06	15.11	91.18	100.00
14	Anand	0.00	9.30	15.91	4.85	0.00	3.56	5.43	0.41	60.54	24.06	84.59	100.00
15	Mahesana	1.64	1.18	7.17	6.10	0.00	1.07	3.62	0.05	79.14	23.43	102.57	100.00
16	Patan	8.20	2.75	7.97	4.99	0.00	2.47	6.28	0.00	67.33	5.91	73.24	100.00
17	Panchmahal	22.73	5.16	7.20	2.96	0.00	2.36	6.31	0.19	53.09	4.52	57.61	100.00
18	Dohad	23.81	7.00	5.58	3.02	0.00	0.70	6.82	0.05	53.04	6.49	59.54	100.00
19	Raikot	3.32	9.44	6.34	8.05	0.00	1.17	4.49	0.00	67.19	2.84	70.04	100.00
20	Sabarkantha	17.31	4.91	5.81	4.67	0.00	2.00	4.86	0.00	60.44	9.56	70.01	100.00
21	Surat	18.06	8.00	11.07	3.08	0.52	2.53	2.13	0.00	54.63	4.92	59.55	100.00
22	Surendranagar	5.08	11.87	5.23	4.40	0.00	1.51	5.74	0.33	65.84	1.68	67.53	100.00
23	Vadodara	9.60	3.72	9.63	4.37	0.00	0.89	4.14	0.00	67.64	6.04	73.68	100.00
24	Valsad	31.73	3.46	5.60	0.82	0.00	3.43	0.24	0.00	54.72	5.30	60.02	100.00
25	Navsari	11.40	7.04	8.81	2.41	0.00	3.09	0.14	0.00	67.11	10.22	77.33	100.00
	TOTAL	9.85	13.87	6.08	4.52	0.02	10.55	4.94	0.06	50.40	6.11	56.51	100.00

*Source : Season and Crop Report,
Directorate of Agriculture, Gujarat State, Gandhinagar*

STATEMENT NO : 5

Percentage Distribution of Area by Land Utilisation pattern for the year 2003-04

Sr. No	District	Forests	Barren & Unculturable land	Land put to Non Agricultural Uses	Permanent Pasture & Other Grazing land	Land Under Misc.Tree Crops & Groves not Incl. in Net Area Swon	Culturable Waste	Current Fallows	Other Fallows	Net Area Sown	Area Sown More than Once	Gross Area Sown	Reporting Area
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Ahmedabad	1.37	8.53	5.63	3.60	0.00	3.39	8.54	0.19	65.73	6.26	71.99	100.00
2	Amreli	4.87	3.25	6.24	7.35	0.00	1.62	2.46	0.19	74.03	4.00	78.03	100.00
3	Banaskantha	10.59	2.97	5.07	6.23	0.00	1.68	2.24	0.00	71.21	27.71	98.92	100.00
4	Bharuch	4.67	3.77	13.82	3.11	0.00	6.77	4.69	0.00	63.18	1.35	64.53	100.00
5	Narmada	40.99	3.07	11.07	3.07	0.00	1.32	0.79	0.00	39.70	3.28	42.98	100.00
6	Bhavnagar	3.15	11.48	6.97	7.14	0.00	2.91	2.80	0.12	65.43	7.12	72.55	100.00
7	The Dangs	92.69	*	7.31	*	0.00	*	*	*	*	*	*	100.00
8	Gandhinagar	0.93	0.69	10.51	5.47	0.00	2.32	4.03	0.00	76.05	16.54	92.59	100.00
9	Jamnagar	4.45	15.24	6.37	7.49	0.00	3.16	3.47	0.13	59.70	8.02	67.72	100.00
10	Junagadh	19.98	1.12	5.17	10.10	0.00	1.00	1.93	0.00	60.69	17.03	77.72	100.00
11	Porbandar	10.63	8.10	6.71	11.11	0.00	2.05	9.37	0.00	52.03	6.36	58.39	100.00
12	Kachchh	6.72	36.92	1.61	1.53	0.00	36.66	1.66	0.00	14.89	1.05	15.94	100.00
13	Kheda	2.43	2.03	9.58	3.70	0.00	0.58	2.97	0.00	78.70	23.55	102.26	100.00
14	Anand	0.00	9.13	15.95	4.85	0.00	3.53	2.00	0.37	0.37	35.49	99.66	100.00
15	Mahesana	1.64	1.18	7.19	6.12	0.00	1.07	3.19	0.05	0.05	22.20	101.75	100.00
16	Patan	8.20	2.75	7.97	4.99	0.00	2.47	5.36	0.00	0.00	6.28	74.52	100.00
17	Panchmahal	22.73	5.16	7.20	2.96	0.00	2.36	5.68	0.19	0.19	4.24	57.96	100.00
18	Dohad	23.81	7.00	5.58	3.02	0.00	0.70	2.67	0.05	0.05	23.57	80.74	100.00
19	Rajkot	3.32	9.43	6.35	8.05	0.00	1.17	2.76	0.00	0.00	9.54	78.45	100.00
20	Sabarkantha	17.31	4.92	5.81	4.67	0.00	2.00	4.10	0.00	0.00	11.84	73.03	100.00
21	Surat	18.06	8.00	11.08	3.08	0.52	2.53	2.11	0.00	0.00	5.01	59.64	100.00
22	Surendranagar	5.08	11.87	5.23	4.40	0.00	1.52	4.45	0.33	0.33	3.10	70.22	100.00
23	Vadodara	9.60	3.72	9.63	4.37	0.00	0.89	3.24	0.00	0.00	6.56	75.11	100.00
24	Valsad	31.73	3.46	5.60	0.82	0.00	3.26	0.24	0.00	0.00	5.81	60.50	100.00
25	Navsari	11.40	6.95	8.81	2.41	0.00	3.18	0.45	0.00	0.00	10.45	77.24	100.00
	TOTAL	14.25	7.11	7.70	4.99	0.02	3.67	3.38	0.07	30.11	11.10	73.02	100.00

Source: Season and Crop Report,
Directorate of Agriculture, Gujarat State, Gandhinagar.

STATEMENT NO : 6**Area Irrigated by Sources- Gujarat State****(Area in '00 Hectores)**

Sr. No	Year	Canal	Tank	Well including Tubewell	Other Source	Net irrigated Area(NIA)	Gross irrigated Area (GIA)	Net Area Sown (NAS)	Gross Area Sown (GAS)	Percentage of Net Irrigated Area to Net Area Sown	Percentage of Gross Irrigated Area to Gross Area Sown	Cropping intensity	Intensity of Irrigated Cropping (% GIA/NIA)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	1989-90	4699	304	19606	27	24636	29065	95256	107372	25.86	27.07	112.72	117.98
2	1990-91	4731	314	19301	30	24376	29105	93502	106348	26.07	27.37	113.74	119.40
3	1991-92	4705	265	18679	66	23715	28802	93471	105577	25.37	27.28	112.95	121.45
4	1992-93	5570	256	20565	34	26425	32269	96379	110582	27.42	29.18	114.74	122.12
5	1993-94	5301	307	19709	88	25405	30889	94470	107289	26.89	28.79	113.57	121.59
6	1994-95	5930	353	23656	82	30021	36548	96653	112451	31.06	32.50	116.35	121.74
7	1995-96	5735	417	22665	105	28922	34994	96670	109955	29.92	31.83	113.74	120.99
8	1996-97	7322	344	28709	49	30418	36424	96545	110560	31.51	32.95	114.52	119.74
9	1997-98	7797	360	29584	57	30585	37798	97296	112130	31.44	33.71	115.25	123.58
10	1998-99	7109	305	30686	306	30824	38406	97229	112001	31.70	34.29	115.19	124.60
11	1999-00	5828	203	29995	241	29795	36267	94989	107017	31.37	33.89	112.66	121.72
12	2000-01	3942	182	29202	95	28060	33421	94896	104970	29.57	31.84	110.62	119.11
13	2001-02	4294	141	31203	90	29944	35728	96779	107910	30.94	33.11	111.50	119.32
14	2002-03	4190	147	31876	149	36362	36370	94814	106307	32.13	34.21	112.12	119.40
15	2003-04	6842	277	23728	265	33875	41112	98515	114210	34.38	36.00	115.93	121.36

Source: Season and Crop Report,

Directorate of Agriculture, Gujarat State, Gandhinagar.

STATEMENT NO : 7

Districtwise Area Irrigated by Source : 2002-03

(Area in '00 Hectores)

Sr No	District	Canal	Tank	Well including Tube-well	Other Source	Net irrigated Area (NIA)	Gross irrigated Area (GIA)	Net Area Sown (NAS)	Gross Area Sown (GAS)	Percent-age of Net Irrigated Area to Net Area Sown	Percent-age of Gross Irrigated Area to Gross Area Sown	Cropping intensity	Intensity of Irrigated Cropping (% GIA/NIA)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Ahmedabad	280	23	1384	0	1402	1687	5060	5562	27.71	30.33	109.92	120.33
2	Amreli	0	0	1151	0	1015	1151	5425	5573	18.71	20.65	102.73	113.40
3	Banaskantha	0	2	4901	0	3963	4903	7317	10495	54.16	46.72	143.43	123.72
4	Bharuch	417	5	521	34	955	977	3272	3301	29.19	29.60	100.89	102.30
5	Narmada	28	0	186	32	246	246	1110	1132	22.16	21.73	101.98	100.00
6	Bhavnagar	0	0	1969	0	1688	1969	5564	6236	30.34	31.57	112.08	116.65
7	The Dangs	0	0	5	0	4	5	563	579	0.71	0.86	102.84	125.00
8	Gandhinagar	0	0	1278	0	913	1278	1593	1968	57.31	64.94	123.54	139.98
9	Jamnagar	73	0	905	0	833	978	6033	6238	13.81	15.68	103.40	117.41
10	Junagadh	22	0	1158	0	947	1180	5281	5781	17.93	20.41	109.47	124.60
11	Porbandar	0	0	138	0	135	138	1153	1252	11.71	11.02	108.59	102.22
12	Kachchh	3	0	1992	0	1808	1995	4512	4710	40.07	42.36	104.39	110.34
13	Kheda	373	29	1542	0	1569	1944	3000	3596	52.30	54.06	119.87	123.90
14	Anand	431	0	1331	0	1388	1762	1784	2493	77.80	70.68	139.74	126.95
15	Mahesana	0	2	2582	0	2010	2584	3476	4506	57.83	57.35	129.63	128.56
16	Patan	0	0	1377	0	1095	1377	3816	4151	28.69	33.17	108.78	125.75
17	Panchmahal	72	8	408	13	373	501	2728	2959	13.67	16.93	108.47	134.32
18	Dohad	29	24	151	21	169	225	1969	2210	8.58	10.18	112.24	133.14
19	Rajkot	0	0	1946	0	1730	1946	7441	7756	23.25	25.09	104.23	112.49
20	Sabarkantha	11	0	1709	0	1405	1720	4411	5109	31.85	33.67	115.82	122.42
21	Surat	1725	0	859	4	2297	2588	4240	4622	54.17	55.99	109.01	112.67
22	Surendranagar	15	0	1220	0	1098	1235	6886	7062	15.95	17.49	102.56	112.48
23	Vadodara	40	38	2361	44	2114	2483	5092	5547	41.52	44.76	108.94	117.46
24	Valsad	68	16	408	9	446	501	1611	1767	27.68	28.35	109.68	112.33
25	Navsari	603	0	394	0	858	997	1477	1702	58.09	58.58	115.23	116.20
	TOTAL	4190	147	31876	157	30461	36370	94814	106307	32.13	34.21	112.12	119.40
<i>Source : Season and Crop Report,</i>													
<i>Directorate of Agriculture, Gujarat State, Gandhinagar</i>													

STATEMENT NO : 8**District wise Area Irrigated by Sources : year 2003-04***(Area in '00 Hectores)*

Sr. No	District	Canal	Tank	Well including Tubewell	Other Source	Net irrigated Area (NIA)	Gross irrigated Area (GIA)	Net Area Sown (NAS)	Gross Area Sown (GAS)	Percentage of Net Irrigated Area to Net Area Sown	Percentage of Gross Irrigated Area to Gross Area Sown	Cropping intensity	Intensity of Irrigated Cropping (% GIA/NIA)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Ahmedabad	477	55	1547	21	1724	2100	5093	5578	33.85	37.65	109.52	121.81
2	Amreli	53	0	1135	0	1024	1188	5472	5768	18.71	20.60	105.41	116.02
3	Banaskantha	91	2	4628	127	3559	4721	7441	10336	47.83	45.68	138.91	132.65
4	Bharuch	427	8	607	2	1030	1086	3315	3386	31.07	32.07	102.14	105.44
5	Narmada	121	1	175	7	259	299	1112	1204	23.29	24.83	108.27	115.44
6	Bhavnagar	113	0	2045	0	1974	2158	5614	6225	35.16	34.67	110.88	109.32
7	The Dangs	0	0	5	0	4	5	563	583	0.71	0.86	103.55	125.00
8	Gandhinagar	0	0	1132	0	970	1132	1642	1999	59.07	56.63	121.74	116.70
9	Jamnagar	69	0	1458	0	1242	1527	6091	6909	20.39	22.10	113.43	122.95
10	Junagadh	111	0	2082	0	1776	2193	5342	6841	33.25	32.06	128.06	123.48
11	Porbandar	14	0	209	0	192	223	1194	1340	16.08	16.64	112.23	116.15
12	Kachchh	280	0	1943	0	1781	2223	6799	7277	26.20	30.55	107.03	124.82
13	Kheda	664	57	1835	0	2006	2556	3104	4033	64.63	63.38	129.93	127.42
14	Anand	954	0	1360	0	1794	2314	1891	2937	94.87	78.79	155.31	128.99
15	Mahesana	93	3	2336	4	1993	2436	3494	4469	57.04	54.51	127.90	122.23
16	Patan	20	0	1233	0	1037	1253	3868	4224	26.81	29.66	109.20	120.83
17	Panchmahal	128	10	363	14	443	515	2760	2978	16.05	17.29	107.90	116.25
18	Dohad	55	50	603	41	576	749	2122	2997	27.14	24.99	141.23	130.03
19	Rajkot	216	16	2394	0	2110	2626	7632	8688	27.65	30.23	113.84	124.45
20	Sabarkantha	219	1	1552	1	1416	1773	4466	5330	31.71	33.26	119.35	125.21
21	Surat	1802	0	912	4	2420	2718	4240	4629	57.08	58.72	109.17	112.31
23	Vadodara	196	57	2118	44	2129	2498	5160	5654	41.26	44.18	109.57	117.33
24	Valsad	68	17	423	0	444	515	1610	1781	27.58	28.92	110.62	115.99
25	Navsari	617	0	385	0	859	1002	1700	1550	50.53	64.65	91.18	116.65
	TOTAL	6842	277	33728	265	33875	41112	98515	114210	34.39	36.00	115.93	121.36

Source: Season and Crop Report,
Directorate of Agriculture, Gujarat State, Gandhinagar.

STATEMENT NO : 9**Percentage Distribution of Area Irrigated by Sources for the year 2002-03**

Sr No	District	Canal	Tank	Well including Tubewell	Other Source	Net irrigated Area (NIA)
1	2	3	4	5	6	7
1	Ahmedabad	19.97	1.64	98.72	0.00	120.33
2	Amreli	0.00	0.00	113.40	0.00	113.40
3	Banaskantha	0.00	0.05	123.67	0.00	123.72
4	Bharuch	43.66	0.52	54.55	3.56	102.30
5	Narmada	11.38	0.00	75.61	13.01	100.00
6	Bhavnagar	0.00	0.00	116.65	0.00	116.65
7	The Dangs	0.00	0.00	125.00	0.00	125.00
8	Gandhinagar	0.00	0.00	139.98	0.00	139.98
9	Jamnagar	8.76	0.00	108.64	0.00	117.41
10	Junagadh	2.32	0.00	122.28	0.00	124.60
11	Porbandar	0.00	0.00	102.22	0.00	102.22
12	Kachchh	0.17	0.00	110.18	0.00	110.34
13	Kheda	23.77	1.85	98.28	0.00	123.90
14	Anand	31.05	0.00	95.89	0.00	126.95
15	Mahesana	0.00	0.10	128.46	0.00	128.56
16	Patan	0.00	0.00	125.75	0.00	125.75
17	Panchmahal	19.30	2.14	109.38	3.49	134.32
18	Dohad	17.16	14.20	89.35	12.43	133.14
19	Rajkot	0.00	0.00	112.49	0.00	112.49
20	Sabarkantha	0.78	0.00	121.64	0.00	122.42
21	Surat	75.10	0.00	37.40	0.17	112.67
22	Surendranag	1.37	0.00	111.11	0.00	112.48
23	Vadodara	1.89	1.80	111.68	2.08	117.46
24	Valsad	15.25	3.59	91.48	2.02	112.33
25	Navsari	70.28	0.00	45.92	0.00	116.20
	TOTAL	13.76	0.48	104.65	0.52	119.40

Source : Season and Crop Report,

Directorate of Agriculture, Gujarat State, Gandhinagar

STATEMENT NO :10						
Percentage Distribution of Area Irrigated by Sources						
for the year :2003-04						
Sr. No	District Name	Canal	Tank	Well including Tubewell	Other Source	Net irrigated Area(NIA)
1	2	3	4	5	6	7
1	Ahmedabad	27.67	3.19	89.73	1.22	121.81
2	Amreli	5.18	0.00	110.84	0.00	116.02
3	Banaskantha	2.56	0.06	130.04	3.57	136.23
4	Bharuch	41.46	0.78	58.93	0.19	101.36
5	Narmada	46.72	0.39	67.57	2.70	117.38
6	Bhavnagar	5.72	0.00	103.60	0.00	109.32
7	The Dangs	0.00	0.00	125.00	0.00	125.00
8	Gandhinagar	0.00	0.00	116.70	0.00	116.70
9	Jamnagar	5.56	0.00	117.39	0.00	122.95
10	Junagadh	6.25	0.00	117.23	0.00	123.48
11	Porbandar	7.29	0.00	108.85	0.00	116.14
12	Kachchh	15.72	0.00	109.10	0.00	124.82
13	Kheda	33.10	2.84	91.48	0.00	127.42
14	Anand	53.18	0.00	75.81	0.00	128.99
15	Mahesana	4.67	0.15	117.21	0.20	122.23
16	Patan	1.93	0.00	118.90	0.00	120.83
17	Panchmahal	28.89	2.26	81.94	3.16	116.25
18	Dohad	9.55	8.68	104.69	7.12	130.04
19	Rajkot	10.24	0.76	113.46	0.00	124.46
20	Sabarkantha	15.47	0.07	109.60	0.07	125.21
21	Surat	74.46	0.00	37.69	0.17	112.32
22	Surendranagar	4.87	0.00	112.53	0.00	117.40
23	Vadodara	9.21	2.68	99.48	2.07	113.44
24	Valsad	15.32	3.83	95.27	0.00	114.42
25	Navsari	71.83	0.00	44.82	0.00	116.65
	TOTAL	20.20	0.82	99.57	0.78	121.37

**Source:Season and Crop Report,
Directorate of Agriculture, Gujarat State,Gandhinagar.**

STATEMENT NO : 11
Total Cropped Area and Irrigated Area

(Area in '00 Hectores)

Sr No	Year	Food Crops													
		Rice		Wheat		Jowar		Bajri		Bariely		Maize		Other Cereals	
		Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	1981-82	6101	2320	6755	4965	11058	315	15134	1347	139	117	3204	199	2058	46
2	1985-86	5853	2488	5070	3530	11343	353	15064	1398	112	87	3094	195	1594	44
1	1989-90	6212	3005	5752	4731	6723	390	14863	1820	102	93	3563	202	1082	25
2	1990-91	6230	3108	6087	4823	6972	347	13943	1730	120	110	3652	252	984	38
3	1991-92	6715	3393	5099	4110	6540	340	14167	1925	121	102	3834	294	843	31
4	1992-93	6798	3520	6304	5220	6429	339	14864	2068	146	130	3829	311	880	35
5	1993-94	6879	3626	5317	4348	6105	287	13960	2088	136	121	3883	313	830	30
6	1994-95	7196	3953	7938	6345	5409	281	13832	2115	156	133	3960	379	769	26
4	1995-96	7264	4066	5920	4685	4895	205	13290	2114	133	122	4154	405	685	32
5	1996-97	7354	4116	6458	5246	4483	157	13148	2168	133	112	4185	406	661	31
6	1997-98	7560	4392	6975	5696	3867	159	12812	2179	121	105	4308	443	555	34
7	1998-99	7292	4341	6336	5327	3265	124	12454	2181	137	113	4424	454	552	34
8	1999-00	7197	4249	5181	4231	3040	118	11537	2059	111	104	4456	418	550	38
9	2000-01	6893	3756	3575	3295	2405	105	11616	1855	121	119	4620	282	521	29
10	2001-02	7191	4135	7340	6419	1663	127	11616	1960	107	107	5031	337	539	22
11	2002-03	6287	3292	4789	4030	2122	87	11294	1963	126	125	5044	317	530	27
15	2003-04	7191	4135	7340	6419	1663	127	11616	1960	107	107	5031	337	539	22

		STATEMENT : 11 (Cont.)													
		Total Cropped Area and Irrigated Area													
		<i>(Area in '00 Hectores)</i>													
Sr No	Year	Food Crops													
		Total Cereals		Gram		Tur		Mug		Other Pulses		Total Pulses		Total Cereals and Pulses	
		Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area
1	2	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	1981-82	44449	9309	1015	146	3052	189	2050	23	2490	39	8607	397	53056	9706
2	1985-86	42130	8095	877	140	3600	298	1813	10	2411	25	8701	473	50831	8568
1	1989-90	38297	10266	886	331	4142	375	1933	34	2445	17	9406	757	47703	11023
2	1990-91	37988	10408	1295	407	4289	462	1591	35	2322	22	9497	926	47485	11334
3	1991-92	37319	10195	803	208	4272	443	1528	45	2224	14	8827	710	46146	10905
4	1992-93	39250	11623	1051	323	4227	451	1883	47	2456	43	9617	864	48867	12487
5	1993-94	37110	10813	893	285	4091	422	1507	53	2306	12	8797	772	45907	11585
6	1994-95	39260	13232	1386	528	3775	394	1836	55	2321	21	9318	998	48578	14230
4	1995-96	36341	11629	897	283	3870	398	1732	39	2270	28	8769	748	45110	12377
5	1996-97	36422	12236	1124	404	4099	479	1702	44	2226	33	9151	960	45573	13196
6	1997-98	36198	13008	1208	418	3791	413	1859	53	2192	31	9050	915	45248	13923
7	1998-99	34460	12574	1272	429	3704	443	1818	52	2048	24	8842	948	43302	13522
8	1999-00	32072	11217	769	185	3689	444	1527	34	1935	20	7920	683	39992	11900
9	2000-01	29751	9441	254	88	3557	469	1755	35	1863	21	7429	613	37180	10054
10	2001-02	33487	13107	1362	391	3071	283	2121	54	2049	42	8603	770	42090	13877
11	2002-03	30192	9841	575	197	3315	419	1591	48	2013	29	7494	693	37686	10534
15	2003-04	33487	13107	1362	391	3071	283	2121	54	2049	42	8603	770	42090	13877

		STATEMENT : 11 (Cont.)													
		Total Cropped Area and Irrigated Area													
		<i>(Area in '00 Hectores)</i>													
Sr No	Year	Food Crops													
		Sugarcane		Chilies		Fennal		Cumin		Other Condiments and Spices		Total Condiments and Spices		Total Fruits	
		Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area
1	2	31	32	33	34	35	36	37	38	39	40	41	42	43	44
1	1981-82	1167	1167	210	206	164	164	526	526	292	286	1192	1182	699	577
2	1985-86	1231	1231	220	217	152	152	440	440	129	128	941	937	718	623
1	1989-90	1483	1483	269	258	160	160	703	703	318	318	1450	1439	883	836
2	1990-91	1684	1684	206	200	185	185	703	703	286	286	1380	1374	950	896
3	1991-92	1726	1726	244	236	198	198	746	746	204	204	1392	1384	998	939
4	1992-93	1800	1800	317	311	209	209	1158	1141	275	275	1959	1936	1075	999
5	1993-94	1994	1994	256	251	223	223	1064	1018	145	134	1688	1626	1130	1054
6	1994-95	2215	2215	294	289	219	219	1023	1005	281	261	1817	1774	1163	1085
4	1995-96	2508	2507	266	261	278	278	787	780	199	183	1530	1502	1208	1138
5	1996-97	2317	2317	283	281	288	0	954	908	210	496	1735	1685	1240	1172
6	1997-98	2252	2252	275	275	309	0	1126	1061	262	570	1972	1906	1277	1219
7	1998-99	2433	2433	278	273	297	0	1153	1002	261	557	1989	1832	1291	1226
8	1999-00	2553	2553	295	274	307	0	1035	972	159	486	1796	1732	1431	1373
9	2000-01	2568	2568	294	287	324	0	966	966	109	432	1693	1685	1336	1290
10	2001-02	2670	2670	245	241	279	0	1773	1760	406	685	2703	2686	1536	1520
11	2002-03	2521	2521	248	240	324	0	1582	1582	161	484	2315	2306	1531	1486
15	2003-04	2670	2670	245	241	279	0	1773	1760	406	685	2703	2686	1536	1520

		STATEMENT : 11 (Cont.)											
		Total Cropped Area and Irrigated Area											
		<i>(Area in '00 Hectores)</i>											
Sr No	Year	Food Crops											
		Potato		Onion		Other Vegetables		Total Vegetables		Total Fruits and Vegetables		Total Food Crops	
		Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area
1	2	45	46	47	48	49	50	51	52	53	54	55	56
1	1981-82	94	94	137	137	535	501	766	732	1465	1309	56880	13364
2	1985-86	142	142	175	175	542	493	859	810	1577	1433	54577	12169
1	1989-90	171	171	232	232	634	541	1037	944	1920	1780	52556	15725
2	1990-91	175	175	211	211	668	598	1054	984	2004	1880	52553	16272
3	1991-92	186	186	194	194	677	585	1057	965	2055	1904	51319	15919
4	1992-93	183	183	200	200	703	636	1086	1019	2161	2018	54787	18241
5	1993-94	196	196	179	179	715	643	1090	1018	2220	2072	51809	17277
6	1994-95	194	194	215	215	843	769	1252	1178	2415	2263	55025	20482
4	1995-96	247	246	225	225	849	796	1321	1267	2529	2405	51677	18791
5	1996-97	291	291	235	235	925	862	1451	1388	2691	2560	52316	19758
6	1997-98	281	280	263	263	946	891	1490	1434	2767	2653	52239	20734
7	1998-99	337	337	404	404	993	960	1734	1701	3025	2927	50749	20714
8	1999-00	304	304	236	236	1108	1035	1648	1575	3079	2948	47420	19133
9	2000-01	287	287	106	106	995	924	1388	1317	2724	2607	44165	16914
10	2001-02	297	297	557	557	1322	1284	2176	2138	3712	3658	51175	22891
11	2002-03	398	398	295	295	1308	1267	2001	1960	3532	3446	46054	18807
15	2003-04	297	297	557	557	1322	1284	2176	2138	3712	3658	51175	22891

STATEMENT : 11 (Cont.)
Total Cropped Area and Irrigated Area

(Area in '00 Hectores)

Sr No	Year	Non Food Crops															
		Cotton		Other Fibre Crops		Total Fibre Crops		Groundnut		Rap and Mustard		Castor Seeds		Other Oil Seeds		Total Oil Seeds	
		Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area
1	2	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72
1	1981-82	15137	4618	112	1	15249	4619	21775	2319	1963	1831	1955	806	1393	19	27086	4975
2	1985-86	14507	5129	122	0	14629	5129	18691	934	2202	2067	2470	1271	1553	26	24916	4298
1	1989-90	12128	4328	81	0	12209	4328	20381	1493	3271	3235	3026	1634	2053	36	28731	6398
2	1990-91	10416	3250	77	0	10493	3250	18261	1498	3486	3432	3849	1954	2584	39	28180	6923
3	1991-92	11643	3372	88	0	11731	3372	19761	1645	3343	3294	3236	1850	2305	77	28645	6866
4	1992-93	12281	3913	101	1	12382	3914	18801	1755	3552	3484	3525	2046	3308	101	29186	7386
5	1993-94	11776	3622	93	1	11869	3623	20354	1466	3456	3298	3559	2165	2906	78	30275	7007
6	1994-95	13126	4737	85	0	13211	4737	19137	1819	3619	3546	4291	2747	2763	50	29810	8162
4	1995-96	15174	5298	76	2	15250	5300	18705	1754	3448	3403	4299	2658	2665	49	29117	7864
5	1996-97	15419	5732	68	0	15487	5732	18030	1616	3255	3206	4143	2731	3070	57	28498	7610
6	1997-98	15977	6302	63	0	16040	6302	18387	1659	3045	2997	4169	2815	3244	76	28845	7547
7	1998-99	16721	6522	64	1	16785	6523	18811	1763	3015	2924	4247	2888	3197	73	29270	7648
8	1999-00	16109	6307	69	2	16178	6309	18485	1435	2716	2661	4200	3087	3235	84	28636	7267
9	2000-01	16750	6619	54	1	16804	6620	18221	1127	2255	2252	4356	3111	3773	108	28605	6598
10	2001-02	16949	7570	46	0	16995	7570	20435	1533	2590	2538	3450	2430	4235	95	30710	6596
11	2002-03	16734	7377	56	0	16790	7377	19854	1445	2050	2043	3553	2820	3539	138	28996	6446
15	2003-04	16949	7570	46	0	16995	7570	20435	1533	2590	2538	3450	2430	4235	95	30710	6596

		STATEMENT : 11 (Cont.)															
		Total Cropped Area and Irrigated Area															
																<i>(Area in '00 Hectores)</i>	
Sr No	Year	Non Food Crops														Total Food and Non Food Crops	
		Tobacco		Isabgul		Others Drugs and Narcotics		Total Drugs and Narcotics		Fodder crops		Others Non food Crops		Total Non Food Crops		Cropped Area	Irrigated Area
		Cropped Area	Irrigated Area	Cropped Area	Irrigated Area	Cropped Area	Irrigated Area	Cropped Area	Irrigated Area	Cropped Area	Irrigated Area	Cropped Area	Irrigated Area				
1	2	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88
1	1981-82	1196	822	259	259	51	38	1506	1119	8820	1150	0	0	52661	11863	109541	25227
2	1985-86	1292	859	286	286	77	35	1655	1180	8613	1036	0	0	49813	11643	104390	23812
1	1989-90	1380	958	393	393	41	33	1814	1384	12024	1230	38	0	54816	13340	107372	29065
2	1990-91	1416	955	373	373	44	32	1833	1360	13251	1295	38	5	53795	12833	106348	29105
3	1991-92	1391	917	342	342	57	42	1790	1301	12055	1334	37	10	54258	12883	105577	28802
4	1992-93	1368	879	412	412	68	46	1848	1337	12343	1378	36	13	55795	14028	110582	32269
5	1993-94	1415	1020	299	299	64	18	1778	1337	11516	1610	42	15	55480	13592	107289	30869
6	1994-95	1407	1031	361	360	171	42	1939	1433	12430	1722	36	12	57426	16066	112451	36548
4	1995-96	1341	1014	343	343	124	40	1808	1397	12070	1634	33	8	58278	16203	109955	34994
5	1996-97	1382	1045	400	400	111	18	1893	1463	12337	1853	29	8	58244	16666	110560	36424
6	1997-98	1348	1031	413	413	122	46	1883	1490	13096	1716	27	9	59891	17064	112130	37798
7	1998-99	1392	1093	405	405	140	30	1937	1528	13227	1981	33	12	61252	17692	112001	38406
8	1999-00	1419	1164	368	368	123	46	1910	1578	12835	1964	38	16	59597	17134	107017	36267
9	2000-01	1130	879	390	390	133	40	1653	1309	13711	1969	32	11	60805	16507	104970	33421
10	2001-02	1362	1212	390	390	186	61	1938	1663	13355	2373	37	19	63035	18221	114210	41112
11	2002-03	1284	966	445	445	85	26	1814	1437	12625	2290	28	13	60253	17563	106307	36370
15	2003-04	1362	1212	390	390	186	61	1938	1663	13355	2373	37	19	63035	18221	114210	41112

Source: Season and Crop Report,
Directorate of Agriculture, Gujarat State, Gandhinagar.

STATEMENT NO : 12

Districtwise & Cropwise Total Cropped Area and Irrigated Area for the year 2002-03

(Area in '00 Hectores)

Sr No	District	Food Crops													
		Rice		Wheat		Jowar		Bajri		Bariely		Maize		Other Cereals	
		Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Ahmedabad	669	665	821	367	1		378	21	3	3	1	1	3	
2	Amreli			65	65	25		505	2			14			
3	Banaskantha			500	500	183		3220	817	61	61	162	1	52	22
4	Bharuch	88	50	175	47	266	20	25	1			10	3	2	
5	Narmada	145	3	27	27	162		27	1			80		6	
6	Bhavnagar	3	3	110	110			687	5						
7	The Dangs	122		1	1	30						5		230	
8	Gandhinagar	146	146	218	218			404	130	8	8	22	2	1	
9	Jamnagar			83	82			313	2						
10	Junagadh			164	164	64	3	271	74			1			
11	Porbandar			6	6	111	22	54	1			1			
12	Kachchh			162	162			581	145						
13	Kheda	606	489	333	333	72	4	833	231			284	12	5	
14	Anand	379	377	376	246	5	1	511	149			3		6	5
15	Mahesana	90	67	434	434	5		857	156	25	25	3		11	
16	Patan			108	108	126		899	49	11	11			13	
17	Panchmahal	723	141	84	83	64	6	178	9	5	5	1177	102	31	
18	Dohad	403	27	77	76	5		1		1		1221	47	16	
19	Rajkot			152	152	90		415				7			
20	Sabarkantha	149	97	444	444			221	54	12	12	1430	22	7	
21	Surat	952	566	99	99	594	12	4				19		14	
22	Surendranagar	5	3	142	116	23		718	25					1	
23	Vadodara	562	180	196	178	263	18	192	91			604	127	3	
24	Valsad	581	65	5	5	1								117	
25	Navsari	664	413	7	7	32	1							12	
	TOTAL	6287	3292	4789	4030	2122	87	11294	1963	126	125	5044	317	530	27

		STATEMENT : 12 (Cont.)													
		Districtwise & Cropwise Total Cropped Area and Irrigated Area for the year 2002-03													
		<i>(Area in '00 Hectores)</i>													
Sr No	District	Food Crops													
		Total Cereals		Gram		Tur		Mug		Other Pulses		Total Pulses		Total Cereals and Pulses	
		Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area
1	2	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	Ahmedabad	1876	1057	121	2	28		25		15		189	2	2065	1059
2	Amreli	609	67	9	9	5	5	54		35		103	14	712	81
3	Banaskantha	4178	1401	2	2	54		342	6	264	4	662	12	4840	1413
4	Bharuch	566	121	11		633	29	44		69	6	757	35	1323	156
5	Narmada	447	31	4		175	16	6	1	19		204	17	651	48
6	Bhavnagar	800	118	11	11	8	5	53		53		125	16	925	134
7	The Dangs	388	1	3		31		1		56		91	0	479	1
8	Gandhinagar	799	504	2		17		44	2	28		91	2	890	506
9	Jamnagar	396	84	36	35	33	26	32		64		165	61	561	145
10	Junagadh	500	241	12	12	25	21	33	3	56	1	126	37	626	278
11	Porbandar	172	29	30	4	4	1	6		18		58	5	230	34
12	Kachchh	743	307			1		396	2	124	2	521	4	1264	311
13	Kheda	2133	1069	15	5	110	4	33	2	41	2	199	13	2332	1082
14	Anand	1280	778	58	3	12	1	4		7	3	81	7	1361	785
15	Mahesana	1425	682	2	1	25		120	2	110	1	257	4	1682	686
16	Patan	1157	168	1		27	4	130		127	2	285	6	1442	174
17	Panchmahal	2262	346	36	28	256	1	18	6	76	1	386	36	2648	382
18	Dohad	1724	150	73	55	160		8	1	123	1	364	57	2088	207
19	Rajkot	664	152	16	16	11	6	61		92		180	22	844	174
20	Sabarkantha	2263	629	17	4	447	10	89	11	274	1	827	26	3090	655
21	Surat	1682	677	27	1	309	18	29	6	71	1	436	26	2118	703
22	Surendranagar	889	144	56	3			35		51		142	3	1031	147
23	Vadodara	1820	594	17	6	861	269	19	5	88	4	985	284	2805	878
24	Valsad	704	70	7		46		2		98		153	0	857	70
25	Navsari	715	421	9		37	3	7	1	54		107	4	822	425
	TOTAL	30192	9841	575	197	3315	419	1591	48	2013	29	7494	693	37686	10534

		STATEMENT : 12 (Cont.)													
		Districtwise & Cropwise Total Cropped Area and Irrigated Area for the year 2002-03													
		<i>(Area in '00 Hectores)</i>													
Sr No	District	Food Crops													
		Sugarcane		Chilies		Fennal		Cumin		Other Condiments and		Total Condiments and		Total Fruits	
		Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area
1	2	31	32	33	34	35	36	37	38	39	40	41	42	43	44
1	Ahmedabad	3	3	6	5	1		204	204	3	3	214	212	21	19
2	Amreli	1	1	5	5			10	10	5	5	20	20	17	16
3	Banaskantha			13	13	74		268	268	16	90	371	371	7	7
4	Bharuch	346	346	4	4							4	4	77	72
5	Narmada	24	24	2	2							2	2	91	91
6	Bhavnagar	2	2	6	6			40	40	5	5	51	51	44	43
7	The Dangs			1	1							1	1	1	1
8	Gandhinagar			19	19	11		8	8	1	12	39	39	39	39
9	Jamnagar	3	3	20	18			53	53	15	15	88	86	4	4
10	Junagadh	96	96	4	4			17	17	34	34	55	55	128	128
11	Porbandar							5	5	4	4	9	9	1	1
12	Kachchh	3	3	11	11			62	62	10	10	83	83	152	152
13	Kheda			3	3	42		4	4	3	45	52	52	16	15
14	Anand	1	1	19	19			5	5	3	3	27	27	103	103
15	Mahesana	1		29	29	103		118	118	9	112	259	259	130	105
16	Patan			6	5	21		544	544	7	28	578	577	9	9
17	Panchmahal		1	8	8	1		1	1	5	6	15	15	5	3
18	Dohad			3	3					5	5	8	8		
19	Rajkot	3	3	12	11			91	91	21	21	124	123	6	6
20	Sabarkantha			8	7	71		29	29	5	76	113	112	31	23
21	Surat	1472	1472	28	27					2	2	30	29	91	91
22	Surendranagar	5	5	3	3			122	122	1	1	126	126	7	7
23	Vadodara	133	133	23	22			1	1	3	3	27	26	87	87
24	Valsad	157	157	8	8					1	1	9	9	235	235
25	Navsari	271	271	7	7					3	3	10	10	229	229
	TOTAL	2521	2521	248	240	324	0	1582	1582	161	484	2315	2306	1531	1486

		STATEMENT : 12 (Cont.)											
		Districtwise & Cropwise Total Cropped Area and Irrigated Area for the year											
		<i>(Area in '00 Hectores)</i>											
Sr No	District	Food Crops											
		Potato		Onion		Other Vegetables		Total Vegetables		Total Fruits and Vegetables		Total Food Crops	
		Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area
1	2	45	46	47	48	49	50	51	52	53	54	55	56
1	Ahmedabad	1	1	2	2	65	61	68	64	89	83	2371	1357
2	Amreli			8	8	11	11	19	19	36	35	769	137
3	Banaskantha	201	201	6	6	32	31	239	238	246	245	5457	2029
4	Bharuch			1	1	27	27	28	28	105	100	1778	606
5	Narmada			1	1	1	1	2	2	93	93	770	167
6	Bhavnagar			186	186	48	46	234	232	278	275	1256	462
7	The Dangs			1	1			1	1	2	2	482	4
8	Gandhinagar	26	26	1	1	108	107	135	134	174	173	1103	718
9	Jamnagar	1	1	25	25	43	43	69	69	73	73	725	307
10	Junagadh			13	13	54	52	67	65	195	193	972	622
11	Porbandar			1	1	8	7	9	8	10	9	249	52
12	Kachchh	1	1	5	5	46	46	52	52	204	204	1554	601
13	Kheda	44	44	3	3	146	146	193	193	209	208	2593	1342
14	Anand	34	34	1	1	139	136	174	171	277	274	1666	1087
15	Mahesana	38	38	2	2	74	73	114	113	244	218	2186	1163
16	Patan	4	4	2	2	22	22	28	28	37	37	2057	788
17	Panchmahal	1	1	1	1	13	13	15	15	20	18	2683	416
18	Dohad			2	2	3	3	5	5	5	5	2101	220
19	Rajkot			12	12	36	34	48	46	54	52	1025	352
20	Sabarkantha	36	36	3	3	79	78	118	117	149	140	3352	907
21	Surat			5	5	141	123	146	128	237	219	3857	2423
22	Surendranagar			3	3	20	20	23	23	30	30	1192	308
23	Vadodara	11	11	8	8	118	116	137	135	224	222	3189	1259
24	Valsad			1	1	24	22	25	23	260	258	1283	494
25	Navsari			2	2	50	49	52	51	281	280	1384	986
	TOTAL	398	398	295	295	1308	1267	2001	1960	3532	3446	46054	18807

STATEMENT : 12 (Cont.)
Districtwise & Cropwise Total Cropped Area and Irrigated Area for the year 2002-03

(Area in '00 Hectores)

Sr No	District	Non Food Crops															
		Cotton		Other Fibre Crops		Total Fibre Crops		Groundnut		Rap and Mustard		Castor Seeds		Other Oil Seeds		Total Oil Seeds	
		Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area
1	2	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72
1	Ahmedabad	1992	123			1992	123	1		22	22	104	81	135	1	262	104
2	Amreli	1159	857			1159	857	2832	72	2	2	33	33	398		3265	107
3	Banaskantha	80	55	6		86	55	53	14	1184	1184	1100	966	202		2539	2164
4	Bharuch	1234	321	1		1235	321	16	8	2	2	23	9	59		100	19
5	Narmada	294	70			294	70	6	2			9	4	15	1	30	7
6	Bhavnagar	1789	1125			1789	1125	1927	248	5	5	5	4	415	6	2352	263
7	The Dangs					0	0	23	1					42		65	1
8	Gandhinagar	132	130	1		133	130	18	9	72	72	231	210	37		358	291
9	Jamnagar	296	228			296	228	4393	268	2	2	137	121	253		4785	391
10	Junagadh	243	204			243	204	4134	136	1	1	41	41	94	30	4270	208
11	Porbandar	118	37			118	37	738	27	1	1	13	5	13		765	33
12	Kachchh	368	237			368	237	592	452	53	53	331	171	199	64	1175	740
13	Kheda	155	133	5		160	133	8	1	19	19	125	103	139	6	291	129
14	Anand	16	15	3		19	15	3	2	23	23	26	24	15		67	49
15	Mahesana	373	271	2		375	271	36	4	416	416	384	371	87	1	923	792
16	Patan	763	100	1		764	100			194	187	246	158	48		488	345
17	Panchmahal	83	34	15		98	34	17	9	2	2	24	9	15		58	20
18	Dohad	3	2	12		15	2	12	1	1	1			38		51	2
19	Rajkot	1720	1409			1720	1409	4191	24	1	1	87	78	403		4682	103
20	Sabarkantha	333	285	8		341	285	376	52	45	45	395	319	84	2	900	418
21	Surat	80	80	1		81	80	176	61	1	1	9	2	18	5	204	69
22	Surendranagar	3916	757			3916	757	219	13	2	2	108	44	793	17	1122	76
23	Vadodara	1587	904	1		1588	904	79	40	1	1	121	67	22		223	108
24	Valsad					0	0	2						15	5	17	5
25	Navsari					0	0	2	1	1	1	1				4	2
	TOTAL	16734	7377	56	0	16790	7377	19854	1445	2050	2043	3553	2820	3539	138	28996	6446

STATEMENT : 12 (Cont.)
Districtwise & Cropwise Total Cropped Area and Irrigated Area for the year 2002-03

(Area in '00 Hectores)

Sr No	District	Non Food Crops														Total Food and Non Food Crops	
		Tobacco		Isabgul		Others Drugs and Narcotics		Total Drugs and Narcotics		Fodder crops		Others Non Food Crops		Total Non Food Crops		Cropped Area	Irrigated Area
		Cropped Area	Irrigated Area	Cropped Area	Irrigated Area	Cropped Area	Irrigated Area	Cropped Area	Irrigated Area	Cropped Area	Irrigated Area	Cropped Area	Irrigated Area	Cropped Area	Irrigated Area		
1	2	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88
1	Ahmedabad	11		1	1	3	3	15	4	915	97	7	2	3191	330	5562	1687
2	Amreli					2	2	2	2	378	48			4804	1014	5573	1151
3	Banaskantha	46	46	306	306			352	352	2060	303	1		5038	2874	10495	4903
4	Bharuch	1	1					1	1	187	30			1523	371	3301	977
5	Narmada					2	2	2	2	36				362	79	1132	246
6	Bhavnagar							0	0	839	119			4980	1507	6236	1969
7	The Dangs							0	0	32				97	1	579	5
8	Gandhinagar	14	14					14	14	357	122	3	3	865	560	1968	1278
9	Jamnagar					8	2	8	2	424	50			5513	671	6238	978
10	Junagadh			4	4			4	4	292	142			4809	558	5781	1180
11	Porbandar							0	0	120	16			1003	86	1252	138
12	Kachchh			75	75	47		122	75	1491	342			3156	1394	4710	1995
13	Kheda	364	235			7	7	371	242	177	96	4	2	1003	602	3596	1944
14	Anand	557	498			4	4	561	502	176	106	4	3	827	675	2493	1762
15	Mahesana	41	41	38	38	3	3	82	82	940	276			2320	1421	4506	2584
16	Patan	2	2	17	17	2	2	21	21	821	123			2094	589	4151	1377
17	Panchmahal	20	20					20	20	100	11			276	85	2959	501
18	Dohad							0	0	43	1			109	5	2210	225
19	Rajkot					1	1	1	1	328	81			6731	1594	7756	1946
20	Sabarkantha	10	10	2	2			12	12	502	98	2		1757	813	5109	1720
21	Surat					6		6	0	474	16			765	165	4622	2588
22	Surendranagar			2	2			2	2	830	92			5870	927	7062	1235
23	Vadodara	218	99					218	99	325	112	4	1	2358	1224	5547	2483
24	Valsad							0	0	466	2	1		484	7	1767	501
25	Navsari							0	0	312	7	2	2	318	11	1702	997
	TOTAL	1284	966	445	445	85	26	1814	1437	12625	2290	28	13	60253	17563	106307	36370

*Source : Season and Crop Report,
 Directorate of Agriculture, Gujarat State, Gandhinagar*

Statement-13

Districtwise & Cropwise Total Cropped Area and Irrigated Area for the year 2003-04

Sr No	District	Food Crops													
		Rice		Wheat		Jowar		Bajri		Bariely		Maize		Other Cereals	
		Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Ahmedabad	818	817	988	492	0	0	351	20	4	4	3	1	2	0
2	Amreli	0	0	116	114	2	0	426	1	0	0	2	0	0	0
3	Banaskantha	0	0	468	468	136	0	3044	718	53	53	97	1	41	8
4	Bharuch	115	55	185	64	266	17	22	0	0	0	16	0	5	0
5	Narmada	158	2	16	16	144	23	17	4	0	0	72	0	7	0
6	Bhavnagar	0	0	140	138	0	0	712	5	0	0	2	0	0	0
7	The Dangs	124	0	2	2	31	0	0	0	0	0	5	0	229	0
8	Gandhinagar	143	143	222	222	1	0	395	66	1	1	11	3	4	1
9	Jamnagar	0	0	354	354	25	0	341	4	0	0	3	0	0	0
10	Junagadh	0	0	871	871	47	4	322	117	0	0	2	0	0	0
11	Porbandar	0	0	46	46	32	4	40	3	0	0	0	0	0	0
12	Kachchh	0	0	170	170	0	0	933	160	0	0	0	0	0	0
13	Kheda	1016	931	473	471	14	4	832	251	0	0	283	6	6	0
14	Anand	697	673	465	313	3	3	530	210	0	0	3	3	15	13
15	Mahesana	63	43	448	448	3	0	833	131	25	25	4	0	16	0
16	Patan	0	0	167	148	29	0	980	67	10	10	1	1	17	0
17	Panchmahal	738	95	118	118	51	4	178	26	4	4	1187	99	32	0
18	Dohad	474	169	473	404	11	3	3	0	1	1	1182	63	17	0
19	Rajkot	0	0	560	560	42	0	396	1	0	0	20	0	0	0
20	Sabarkantha	108	49	505	505	3	0	280	55	9	9	1525	16	7	0
21	Surat	947	548	105	105	529	15	5	0	0	0	17	0	12	0
22	Surendranagar	2	0	241	184	1	0	790	34	0	0	0	0	1	0
23	Vadodara	575	162	195	194	257	46	186	87	0	0	596	144	1	0
24	Valsad	584	66	5	5	2	0	0	0	0	0	0	0	116	0
25	Navsari	629	380	7	7	34	4	0	0	0	0	0	0	11	0
	TOTAL	7191	4135	7340	6419	1663	127	11616	1960	107	107	5031	337	539	22

		STATEMENT : 13 (Cont.)													
		Districtwise & Cropwise Total Cropped Area and Irrigated Area for the year 2003-04													
		<i>(Area in '00 Hectores)</i>													
Sr No	District	Food Crops													
		Total Cereals		Gram		Tur		Mug		Other Pulses		Total Pulses		Total Cereals and Pulses	
		Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area
1	2	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	Ahmedabad	2166	1334	103	0	24	0	22	0	36	5	185	5	2351	1339
2	Amreli	546	115	28	28	6	6	36	0	50	0	120	34	666	149
3	Banaskantha	3839	1248	3	1	17	0	368	1	262	5	650	7	4489	1255
4	Bharuch	609	136	20	1	583	54	44	0	68	5	715	60	1324	196
5	Narmada	414	45	7	4	209	0	12	3	15	5	243	12	657	57
6	Bhavnagar	854	143	13	12	7	4	23	1	19	0	62	17	916	160
7	The Dangs	391	2	3	0	31	0	1	0	56	0	91	0	482	2
8	Gandhinagar	777	436	2	2	15	0	41	1	20	0	78	3	855	439
9	Jamnagar	723	358	180	133	21	11	45	2	76	2	322	148	1045	506
10	Junagadh	1242	992	47	34	24	22	32	1	48	0	151	57	1393	1049
11	Porbandar	118	53	140	8	1	0	6	0	7	0	154	8	272	61
12	Kachchh	1103	330	5	5	0	0	772	4	223	1	1000	10	2103	340
13	Kheda	2624	1663	12	1	101	0	23	2	37	0	173	3	2797	1666
14	Anand	1713	1215	50	5	13	3	7	4	9	2	79	14	1792	1229
15	Mahesana	1392	647	3	1	17	0	151	1	91	0	262	2	1654	649
16	Patan	1204	226	23	1	23	2	152	0	122	0	320	3	1524	229
17	Panchmahal	2308	346	37	20	246	0	15	8	74	7	372	35	2680	381
18	Dohad	2161	640	430	57	119	0	9	1	129	2	687	60	2848	700
19	Rajkot	1018	561	80	63	9	6	107	0	79	0	275	69	1293	630
20	Sabarkantha	2437	634	25	4	353	1	145	12	233	1	756	18	3193	652
21	Surat	1615	668	26	1	281	20	25	7	67	0	399	28	2014	696
22	Surendranagar	1035	220	87	6	0	0	53	0	47	0	187	6	1222	226
23	Vadodara	1810	633	20	4	885	152	23	4	127	7	1055	167	2865	800
24	Valsad	707	71	8	0	47	0	2	0	98	0	155	0	862	71
25	Navsari	681	391	10	0	39	2	8	2	55	0	112	4	793	395
	TOTAL	33487	13107	1362	391	3071	283	2121	54	2049	42	8603	770	42090	13877

		STATEMENT : 13 (Cont.)													
		Districtwise & Cropwise Total Cropped Area and Irrigated Area for the year 2003-04													
		<i>(Area in '00 Hectores)</i>													
Sr No	District	Sugarcane		Chilies		Fennal		Cumin		Other Condiments and Spices		Total Condiments and Spices		Total Fruits	
		Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area
		1	2	31	32	33	34	35	36	37	38	39	40	41	42
1	Ahmedabad	2	2	2	6	1	0	164	164	6	3	173	173	23	22
2	Amreli	2	2	5	5	0	0	33	33	25	25	63	63	28	28
3	Banaskantha	0	0	18	18	52	0	248	248	17	69	335	335	8	8
4	Bharuch	346	346	4	4	0	0	0	0	1	1	5	5	83	82
5	Narmada	77	77	0	0	0	0	0	0	2	2	2	2	46	46
6	Bhavnagar	1	1	5	4	0	0	16	16	2	2	23	22	52	51
7	The Dangs	0	0	1	1	0	0	0	0	0	0	1	1	1	0
8	Gandhinagar	0	0	13	13	8	0	23	23	1	9	45	45	44	43
9	Jamnagar	3	3	21	19	0	0	186	186	95	95	302	300	4	4
10	Junagadh	71	71	3	3	0	0	55	55	80	80	138	138	142	140
11	Porbandar	0	0	1	1	0	0	10	10	7	7	18	18	2	2
12	Kachchh	3	3	11	11	0	0	104	104	17	17	132	132	178	178
13	Kheda	0	0	6	6	45	0	6	6	6	51	63	63	16	16
14	Anand	1	1	15	15	0	0	3	3	12	12	30	30	102	102
15	Mahesana	0	0	30	30	89	0	116	116	9	98	244	244	126	121
16	Patan	0	0	8	7	26	0	277	264	9	35	320	306	6	6
17	Panchmahal	1	1	8	8	1	0	0	0	7	8	16	16	5	5
18	Dohad	0	0	5	5	0	0	0	0	9	9	14	14	1	1
19	Rajkot	3	3	11	11	0	0	315	315	81	81	407	407	6	6
20	Sabarkantha	1	1	6	6	54	0	36	36	7	61	103	103	31	29
21	Surat	1577	1577	32	32	0	0	0	0	3	3	35	35	79	79
22	Surendranagar	5	5	2	2	2	0	179	179	7	9	190	190	9	8
23	Vadodara	120	120	18	18	1	0	2	2	2	3	23	23	79	78
24	Valsad	157	157	8	8	0	0	0	0	1	1	9	9	235	235
25	Navsari	300	300	8	8	0	0	0	0	4	4	12	12	230	230
	TOTAL	2670	2670	245	241	279	0	1773	1760	406	685	2703	2686	1536	1520

		STATEMENT : 13 (Cont.)											
		Districtwise & Cropwise Total Cropped Area and Irrigated Area for the year 2003-04											
		<i>(Area in '00 Hectores)</i>											
Sr No	District	Food Crops											
		Potato		Onion		Other Vegetables		Total Vegetables		Total Fruits and Vegetables		Total Food Crops	
		Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area
1	2	45	46	47	48	49	50	51	52	53	54	55	56
1	Ahmedabad	1	1	2	2	67	66	70	69	93	91	2619	1605
2	Amreli	0	0	27	27	18	18	45	45	73	73	804	287
3	Banaskantha	102	102	10	10	36	35	148	147	156	155	4980	1745
4	Bharuch	0	0	1	1	31	30	32	31	115	113	1790	660
5	Narmada	0	0	0	0	4	4	4	4	50	50	786	186
6	Bhavnagar	0	0	317	317	43	42	360	359	412	410	1352	593
7	The Dangs	0	0	0	0	1	1	1	1	2	1	485	4
8	Gandhinagar	31	31	2	2	82	79	115	112	159	155	1059	639
9	Jamnagar	1	1	46	46	41	39	88	86	92	90	1442	899
10	Junagadh	0	0	29	29	59	57	88	86	230	226	1832	1484
11	Porbandar	0	0	15	15	12	12	27	27	29	29	319	108
12	Kachchh	2	2	4	4	57	57	63	63	241	241	2479	716
13	Kheda	34	34	4	4	126	126	164	164	180	180	3040	1909
14	Anand	41	41	1	1	134	131	176	173	278	275	2101	1535
15	Mahesana	35	35	2	2	65	65	102	102	228	223	2126	1116
16	Patan	3	3	2	2	38	38	43	43	49	49	1893	584
17	Panchmahal	1	1	1	1	17	17	19	19	24	24	2721	422
18	Dohad	0	0	5	5	5	5	10	10	11	11	2873	725
19	Rajkot	0	0	62	62	44	44	106	106	112	112	1815	1152
20	Sabarkantha	36	36	3	3	78	77	117	116	148	145	3445	901
21	Surat	0	0	6	6	137	119	143	125	222	204	3848	2512
22	Surendranagar	0	0	9	9	21	21	30	30	39	38	1456	459
23	Vadodara	10	10	6	6	119	115	135	131	214	209	3222	1152
24	Valsad	0	0	1	1	35	35	36	36	271	271	1299	508
25	Navsari	0	0	2	2	52	51	54	53	284	283	1389	990
	TOTAL	297	297	557	557	1322	1284	2176	2138	3712	3658	51175	22891

		STATEMENT : 13 (Cont.)															
		Districtwise & Cropwise Total Cropped Area and Irrigated Area for the year 2003-04															
		<i>(Area in '00 Hectores)</i>															
Sr No	District	Non Food Crops															
		Cotton		Other Fibre Crops		Total Fibre Crops		Groundnut		Rap and Mustard		Castor Seeds		Other Oil Seeds		Total Oil Seeds	
		Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area
1	2	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72
1	Ahmedabad	1778	251	1	0	1779	251	1	0	30	30	79	70	172	8	282	108
2	Amreli	1039	645	0	0	1039	645	3001	178	4	4	23	19	435	0	3463	201
3	Banaskantha	89	45	10	0	99	45	28	7	1618	1575	918	735	236	0	2800	2317
4	Bharuch	1346	371	0	0	1346	371	11	7	1	1	22	14	49	0	83	22
5	Narmada	339	88	0	0	339	88	18	13	0	0	4	3	10	4	32	20
6	Bhavnagar	1906	1355	0	0	1906	1355	1755	89	2	2	3	3	485	5	2245	99
7	The Dangs	0	0	0	0	0	0	23	1	0	0	0	0	43	0	66	1
8	Gandhinagar	174	167	1	0	175	167	25	3	61	61	197	176	30	0	313	240
9	Jamnagar	322	223	0	0	322	223	4284	153	24	24	91	63	267	0	4666	240
10	Junagadh	208	186	0	0	208	186	4295	265	2	2	33	29	86	31	4416	327
11	Porbandar	77	38	0	0	77	38	787	37	3	3	32	9	16	0	838	49
12	Kachchh	480	254	0	0	480	254	857	520	57	57	678	234	398	30	1990	841
13	Kheda	189	102	1	0	190	102	7	3	23	23	79	67	107	0	216	93
14	Anand	15	12	0	0	15	12	4	4	24	24	16	15	14	0	58	43
15	Mahesana	425	277	2	0	427	277	33	2	378	377	365	327	98	3	874	709
16	Patan	780	65	0	0	780	65	0	0	292	285	274	191	54	1	620	477
17	Panchmahal	76	26	10	0	86	26	30	20	2	2	26	17	13	0	71	39
18	Dohad	8	5	8	0	16	5	19	4	2	2	1	1	40	0	62	7
19	Rajkot	1717	1285	0	0	1717	1285	4330	24	8	8	69	59	388	0	4795	91
20	Sabarkantha	411	362	10	0	421	362	394	53	53	53	330	277	102	2	879	385
21	Surat	98	98	1	0	99	98	196	75	0	0	11	5	21	13	228	93
22	Surendranagar	3781	696	0	0	3781	696	246	18	4	3	69	42	1128	0	1447	63
23	Vadodara	1691	1019	1	0	1692	1019	85	55	1	1	130	67	27	0	243	123
24	Valsad	0	0	0	0	0	0	3	0	0	0	0	0	15	5	18	5
25	Navsari	0	0	1	0	1	0	3	2	1	1	0	0	1	0	5	3
	TOTAL	16949	7570	46	0	16995	7570	20435	1533	2590	2538	3450	2430	4235	95	30710	6596

STATEMENT : 13 (Cont.)

Districtwise & Cropwise Total Cropped Area and Irrigated Area for the year 2003-04

(Area in '00 Hectores)

Sr No	District	Non Food Crops														Total Food and Non Food Crops	
		Tobacco		Isabgul		Others Drugs and Narcotics		Total Drugs and Narcotics		Fodder crops		Others Non Food Crops		Total Non Food Crops			
		Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area	Cropped Area	Irigated Area
1	2	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88
1	Ahmedabad	9	0	0	0	2	1	11	1	882	134	5	1	2959	495	5578	2100
2	Amreli	0	0	1	1	10	10	11	11	451	44	0	0	4964	901	5768	1188
3	Banaskantha	78	78	222	222	0	0	300	300	2156	313	1	1	5356	2976	10336	4721
4	Bharuch	1	1	0	0	0	0	1	1	165	32	1	0	1596	426	3386	1086
5	Narmada	0	0	0	0	2	2	2	2	45	3	0	0	418	113	1204	299
6	Bhavnagar	0	0	1	1	1	1	2	2	719	108	1	1	4873	1565	6225	2158
7	The Dangs	0	0	0	0	0	0	0	0	32	0	0	0	98	1	583	5
8	Gandhinagar	12	12	1	1	1	1	14	14	432	69	6	3	940	493	1999	1132
9	Jamnagar	0	0	10	10	26	26	36	36	443	129	0	0	5467	628	6909	1527
10	Junagadh	0	0	6	6	0	0	6	6	379	190	0	0	5009	709	6841	2193
11	Porbandar	0	0	0	0	0	0	0	0	106	28	0	0	1021	115	1340	223
12	Kachchh	0	0	102	102	119	0	221	102	2107	310	0	0	4798	1507	7277	2223
13	Kheda	379	358	2	2	9	9	390	369	190	79	7	4	993	647	4033	2556
14	Anand	588	588	0	0	6	6	594	594	163	124	6	6	836	779	2937	2314
15	Mahesana	48	48	24	24	4	4	76	76	966	258	0	0	2343	1320	4469	2436
16	Patan	3	3	16	16	0	0	19	19	912	108	0	0	2331	669	4224	1253
17	Panchmahal	16	14	0	0	0	0	16	14	83	13	1	1	257	93	2978	515
18	Dohad	0	0	0	0	0	0	0	0	46	12	0	0	124	24	2997	749
19	Rajkot	0	0	1	1	1	1	2	2	359	96	0	0	6873	1434	8688	2626
20	Sabarkantha	13	13	1	1	0	0	14	14	569	110	2	1	1885	872	5330	1773
21	Surat	0	0	0	0	5	0	5	0	448	15	1	0	781	206	4629	2718
22	Surendranagar	0	0	3	3	0	0	3	3	657	81	0	0	5888	843	7344	1302
23	Vadodara	215	97	0	0	0	0	215	97	279	106	3	1	2432	1346	5654	2498
24	Valsad	0	0	0	0	0	0	0	0	463	2	1	0	482	7	1781	515
25	Navsari	0	0	0	0	0	0	0	0	303	9	2	0	311	12	1700	1002
	TOTAL	1362	1212	390	390	186	61	1938	1663	13355	2373	37	19	63035	18221	114210	41112

*Source : Season and Crop Report,
Directorate of Agriculture, Gujarat State, Gandhinagar*

STATEMENT NO : 14

Cropwise Districts Which Account for Larger Proportion of Irrigated Area Under Main Crops : 2002-03

Sr No	Crop	District	Irigated Area (in ' 00 Hectares)	Percentage of Total Irrigated Area under the Crop
1	2	3	4	5
1	Rice	Ahmedabad	665	20.20
		Surat	566	17.19
		Kheda	489	14.85
		Navsari	413	12.55
		Anand	377	11.45
		Vadodara	180	5.47
		Other Districts	602	18.29
		Total	3292	100.00

Sr No	Crop	District	Irigated Area (in ' 00 Hectares)	Percentage of Total Irrigated Area under the Crop
1	2	3	4	5
2	Wheat	Banaskantha	500	12.41
		Sabarkantha	444	11.02
		Mahesana	434	10.77
		Ahmedabad	367	9.11
		Kheda	333	8.26
		Anand	246	6.10
		Gandhinagar	218	5.41
		Vadodara	178	4.42
		Junagadh	164	4.07
		Kachchh	162	4.02
		Rajkot	152	3.77
		Other Districts	832	20.65
		Total	4030	100.00

3	Jowar	Porbandar	22	25.29
		Bharuch	20	22.99
		Vadodara	18	20.69
		Surat	12	13.79
		Other Districts	15	17.24
		Total	87	100.00

4	Bajri	Banaskantha	817	41.62
		Kheda	231	11.77
		Mahesana	156	7.95
		Anand	149	7.59
		Kachchh	145	7.39
		Gandhinagar	130	6.62
		Other Districts	335	17.07
		Total	1963	100.00

STATEMENT NO : 14 (Cont.)

Cropwise Districts Which Account for Larger Proportion of Irrigated Area Under Main Crops : 2002-03

Sr No	Crop	District	Irigated Area (in ' 00 Hectares)	Percentage of Total Irrigated Area under the Crop
1	2	3	4	5
5	Sugarcane	Surat	1472	58.39
		Bharuch	346	13.72
		Navsari	271	10.75
		Other Districts	432	17.14
		Total	2521	100.00

Sr No	Crop	District	Irigated Area (in ' 00 Hectares)	Percentage of Total Irrigated Area under the Crop
1	2	3	4	5
6	Cotton	Rajkot	1409	19.10
		Bhavnagar	1125	15.25
		Vadodara	904	12.25
		Amreli	857	11.62
		Surendranagar	757	10.26
		Bharuch	321	4.35
		Sabarkantha	285	3.86
		Mahesana	271	3.67
		Other Districts	1448	19.63
		Total	7377	100.00

7	Groundnut	Kachchh	452	31.28
		Jamnagar	268	18.55
		Bhavnagar	248	17.16
		Junagadh	136	9.41
		Amreli	72	4.98
		Other Districts	269	18.62
		Total	1445	100.00

8	Tobacco	Anand	498	51.55
		Kheda	235	24.33
		Vadodara	99	10.25
		Other Districts	134	13.87
		Total	966	100.00

STATEMENT NO : 14 (Cont.)

Cropwise Districts Which Account for Larger Proportion of Irrigated Area Under Main Crops : 2002-03

Sr No	Crop	District	Irigated Area (in ' 00 Hectares)	Percentage of Total Irrigated Area under the Crop	Sr No	Crop	District	Irigated Area (in ' 00 Hectares)	Percentage of Total Irrigated Area under the Crop
1	2	3	4	5	1	2	3	4	5
9	Total Non Food Crops	Banaskantha	2874	16.36	10	Total Food and Non Food Crops	Banaskantha	4903	13.48
		Rajkot	1594	9.08			Surat	2588	7.12
		Bhavnagar	1507	8.58			Mahesana	2584	7.10
		Mahesana	1421	8.09			Vadodara	2483	6.83
		Kachchh	1394	7.94			Kachchh	1995	5.49
		Vadodara	1224	6.97			Bhavnagar	1969	5.41
		Amreli	1014	5.77			Rajkot	1946	5.35
		Surendranagar	927	5.28			Kheda	1944	5.35
		Sabarkantha	813	4.63			Anand	1762	4.84
		Anand	675	3.84			Sabarkantha	1720	4.73
		Jamnagar	671	3.82			Ahmedabad	1687	4.64
		Other Districts	3449	19.64			Patan	1377	3.79
		Total	17563	100.00			Total	36370	100.00

STATEMENT NO : 15

Cropwise Districts Which Account for Larger Proportion of Irrigated Area Under Main Crops : 2003-04

Sr No	Crop	District	Irigated Area (in ' 00 Hectares)	Percentage of Total Irrigated Area under the Crop
1	2	3	4	5
1	Rice	Ahmedabad	817	19.76
		Kheda	931	22.52
		Surat	548	13.25
		Anand	673	16.27
		Navsari	380	9.19
		Vadodara	162	3.92
		Other Districts	624	15.09
		Total		4135

Sr No	Crop	District	Irigated Area (in ' 00 Hectares)	Percentage of Total Irrigated Area under the Crop	
1	2	3	4	5	
2	Wheat	Banaskantha	468	7.29	
		Sabarkantha	505	7.86	
		Mahesana	448	6.98	
		Junagadh	871	13.57	
		Kheda	471	7.34	
		Ahmedabad	492	7.66	
		Gandhinagar	222	3.46	
		Patan	148	2.31	
		Anand	313	4.88	
		Vadodara	194	3.02	
		Other Districts	2287	35.63	
		Total		6419	100.00

3	Jowar	Vadodara	46	36.22
		Kheda	4	3.15
		Panchmahal	4	3.15
		Bharuch	17	13.39
		Other Districts	56	44.09
		Total		127

4	Bajri	Banaskantha	718	36.64	
		Mahesana	131	6.68	
		Kheda	251	12.81	
		Anand	210	10.71	
		Kachchh	160	8.16	
		Other Districts	490	25.00	
		Total		1960	100.00

STATEMENT NO : 15(Cont.)

Cropwise Districts Which Account for Larger Proportion of Irrigated Area Under Main Crops : 2003-04

Sr No	Crop	District	Irigated Area (in ' 00 Hectares)	Percentage of Total Irrigated Area under the Crop
1	2	3	4	5
5	Sugarcane	Surat	1577	59.06
		Bharuch	346	12.96
		Navsari	300	11.24
		Other Districts	447	16.74
		Total	2670	100.00

7	Groundnut	Kachchh	520	33.92
		Junagadh	265	17.29
		Jamnagar	153	9.98
		Surendranagar	18	1.17
		Sabarkantha	53	3.46
		Other Districts	524	34.18
		Total	1533	100.00

Sr No	Crop	District	Irigated Area (in ' 00 Hectares)	Percentage of Total Irrigated Area under the Crop
1	2	3	4	5
6	Cotton	Rajkot	1285	16.97
		Bhavnagar	1355	17.91
		Vadodara	1019	13.46
		Amreli	645	8.52
		Surendranagar	696	9.19
		Sabarkantha	362	4.78
		Bharuch	371	4.90
		Kachchh	254	3.36
		Other Districts	1583	20.91
		Total	7570	100.00

8	Tobacco	Anand	588	48.51
		Kheda	358	29.54
		Vadodara	97	8.01
		Other Districts	169	13.94
		Total	1212	100.00

STATEMENT NO : 15 (Cont.)

Cropwise Districts Which Account for Larger Proportion of Irrigated Area Under Main Crops : 2003-04

Sr No	Crop	District	Irigated Area (in ' 00 Hectares)	Percentage of Total Irrigated Area under the Crop
1	2	3	4	5
9	Total Non Food Crops	Banaskantha	2976	16.33
		Rajkot	1474	8.09
		Mahesana	1320	7.24
		Kachchh	1507	8.27
		Bhavnagar	1565	8.59
		Vadodara	1346	7.39
		Surendranagar	843	4.63
		Amreli	901	4.94
		Sabarkantha	872	4.79
		Patan	669	3.67
		Other Districts	4748	26.06
		Total	18221	100.00

Sr No	Crop	District	Irigated Area (in ' 00 Hectares)	Percentage of Total Irrigated Area under the Crop
1	2	3	4	5
10	Total Food and Non Food Crops	Banaskantha	4721	11.48
		Mahesana	2436	5.93
		Surat	2718	6.61
		Vadodara	2498	6.07
		Kachchh	2223	5.41
		Rajkot	2626	6.39
		Kheda	2556	6.22
		Sabarkantha	1773	4.31
		Bhavnagar	2158	5.25
		Ahmedabad	2100	5.11
		Junagadh	2193	5.33
		Patan	1253	3.05
		Anand	2314	5.63
		Other Districts	9543	23.20
		Total	41112	100.00

STATEMENT NO : 16

Cropwise Districts Which Account for Larger Proportion of Irrigated Area Under the Crops : 2002-03

Sr No	Districts	Crops	Irrigated Area (' 00 Hectares)	Percentage of Total Irrigated Area under the Crop	Sr No	Districts	Crops	Irrigated Area (' 00 Hectares)	Percentage of Total Irrigated Area under the Crop
1	2	3	4	5	1	2	3	4	5
1	Ahmedabad	Rice	665	39.42	2	Amreli	Cotton	857	74.46
		Wheat	367	21.75			Groundnut	72	6.26
		Cumin	204	12.09			Wheat	65	5.65
		Other crops	451	26.73			Foder Crops	48	4.17
		All crops	1687	100.00			Other crops	109	9.47
						All crops	1151	100.00	
3	Banaskantha	Rap and Mustar	1184	24.15	4	Bharuch	Sugarcane	346	35.41
		Castor Seeds	966	19.70			Cotton	321	32.86
		Bajri	817	16.66			Fruits	72	7.37
		Wheat	500	10.20			Rice	50	5.12
		Other crops	1436	29.29			Wheat	47	4.81
		All crops	4903	100.00			Other crops	141	14.43
						All crops	977	100.00	
5	Narmada	Fruits	91	36.99	6	Bhavnagar	Cotton	1125	57.14
		Cotton	70	28.46			Groundnut	248	12.60
		Wheat	27	10.98			Onion	186	9.45
		Sugarcane	24	9.76			Fodder crops	119	6.04
		Other crops	34	13.82			Other crops	291	14.78
		All crops	246	100.00			All crops	1969	100.00
7	The Dangs	Wheat	1	20.00	8	Gandhinagar	Wheat	218	17.06
		Chilies	1	20.00			Castor Seeds	210	16.43
		Fruits	1	20.00			Rice	146	11.42
		Other crops	2	40.00			Bajri	130	10.17
		All crops	5	100.00			Cotton	130	10.17
						Other crops	444	34.74	
						All crops	1278	100.00	
9	Jamnagar	Groundnut	268	27.40	10	Junagadh	Cotton	204	17.29
		Cotton	228	23.31			Wheat	164	13.90
		Castor Seeds	121	12.37			Fodder crops	142	12.03
		Other crops	361	36.91			Groundnut	136	11.53
		All crops	978	100.00			Other crops	534	45.25
						All crops	1180	100.00	

STATEMENT NO : 16 (Conti..)

Cropwise Districts Which Account for Larger Proportion of Irrigated Area Under the Crops : 2002-03

Sr No	Districts	Crops	Irrigated Area ('00 Hectares)	Percentage of Total Irrigated Area under the Crop	Sr No	Districts	Crops	Irrigated Area ('00 Hectares)	Percentage of Total Irrigated Area under the Crop
1	2	3	4	5	1	2	3	4	5
11	Porbandar	Cotton	37	26.81	12	Kachchh	Groundnut	452	22.66
		Groundnut	27	19.57			Fodder crops	342	17.14
		Jowar	22	15.94			Cotton	237	11.88
		Fodder crops	16	11.59			Castor Seeds	171	8.57
		Other crops	36	26.09			Other crops	793	39.75
		All crops	138	100.00			All crops	1995	100.00
13	Kheda	Rice	489	25.15	14	Anand	Tobacco	498	28.26
		Wheat	333	17.13			Rice	377	21.40
		Tobacco	235	12.09			Wheat	246	13.96
		Bajri	231	11.88			Bajri	149	8.46
		Other crops	656	33.74			Other crops	492	27.92
		All crops	1944	100.00			All crops	1762	100.00
15	Mahesana	Wheat	434	16.80	16	Patan	Cumin	544	39.51
		Rap and Mustard	416	16.10			Rap and Mustard	187	13.58
		Castor Seeds	371	14.36			Castor Seeds	158	11.47
		Fodder crops	276	10.68			Fodder crops	123	8.93
		Other crops	1087	42.07			Other crops	365	26.51
		All crops	2584	100.00			All crops	1377	100.00
17	Panchmahal	Rice	141	28.14	18	Dohad	Wheat	76	33.78
		Maize	102	20.36			Gram	55	24.44
		Wheat	83	16.57			Maize	47	20.89
		Cotton	34	6.79			Rice	27	12.00
		Other crops	141	28.14			Other crops	20	8.89
		All crops	501	100.00			All crops	225	100.00
19	Rajkot	Cotton	1409	72.40	20	Sabarkantha	Wheat	444	25.81
		Wheat	152	7.81			Castor Seeds	319	18.55
		Cumin	91	4.68			Cotton	285	16.57
		Fodder crops	81	4.16			Fodder crops	98	5.70
		Other crops	213	10.95			Other crops	574	33.37
		All crops	1946	100.00			All crops	1720	100.00

STATEMENT NO : 16 (Conti..)

Cropwise Districts Which Account for Larger Proportion of Irrigated Area Under the Crops : 2002-03

Sr No	Districts	Crops	Irrigated Area (' 00 Hectares)	Percentage of Total Irrigated Area under the Crop	Sr No	Districts	Crops	Irrigated Area (' 00 Hectares)	Percentage of Total Irrigated Area under the Crop
1	2	3	4	5	1	2	3	4	5
21	Surat	Sugarcane	1472	56.88	22	Surendranagar	Cotton	757	61.30
		Rice	566	21.87			Cumin	122	9.88
		Other Vegetables	123	4.75			Wheat	116	9.39
		Wheat	99	3.83			Fodder crops	92	7.45
		Other crops	328	12.67			Castor Seeds	44	3.56
		All crops	2588	100.00			Other crops	104	8.42
							All crops	1235	100.00
23	Vadodara	Cotton	904	36.41	24	Valsad	Fruits	235	46.91
		Tur	269	10.83			Sugarcane	157	31.34
		Rice	180	7.25			Rice	65	12.97
		Wheat	178	7.17			Other Vegetables	22	4.39
		Sugarcane	133	5.36			Other crops	22	4.39
		Maize	127	5.11			All crops	501	100.00
		Other Vegetables	116	4.67					
		Fod cro	112	4.51					
		Other crops	464	18.69					
		All crops	2483	100.00					
25	Navsari	Rice	413	41.42	26	All Districts	Cotton	7377	20.28
		Sugarcane	271	27.18			Wheat	4030	11.08
		Fruits	229	22.97			Rice	3292	9.05
		Other crops	84	8.43			Castor Seeds	2820	7.75
		All crops	997	100.00			Sugarcane	2521	6.93
			Fod cro	2290			6.30		
			R &M	2043			5.62		
			Bajri	1963			5.40		
			Cumin	1582			4.35		
			Fruits	1486			4.09		
			Other crops	6966			19.15		
			All crops	36370			100.00		

STATEMENT NO : 17

Cropwise Districts Which Account for Larger Proportion of Irrigated Area Under the Crops : 2003-04

Sr No	Districts	Crops	Irrigated Area (' 00 Hectares)	Percentage of Total Irrigated Area under the Crop	Sr No	Districts	Crops	Irrigated Area (' 00 Hectares)	Percentage of Total Irrigated Area under the Crop
1	2	3	4	5	1	2	3	4	5
1	Ahmedabad	Rice	817	38.90	2	Amreli	Cotton	645	54.29
		Wheat	492	23.43			Groundnut	178	14.98
		Cumin	164	7.81			Wheat	114	9.60
		Other crops	627	29.86			Castor Seeds	19	1.60
		All crops	2100	100.00			Other crops	232	19.53
				All crops	1188	100.00			
3	Banaskantha	Rap & Mustard	1618	34.27	4	Bharuch	Sugarcane	346	31.86
		Castor Seeds	735	15.57			Cotton	371	34.16
		Bajri	718	15.21			Fruits	82	7.55
		Wheat	468	9.91			Wheat	64	5.89
		Other crops	1182	25.04			Rice	55	5.07
				Other crops	168	15.47			
				All crops	1086	100.00			
5	Narmada	Cotton	88	29.43	6	Bhavnagar	Cotton	1355	62.79
		Fruits	46	15.38			Onion	317	14.69
		Sugarcane	77	25.75			Wheat	138	6.39
		Tur	0	0.00			Fruits	51	2.36
		Other crops	88	29.44			Other crops	297	13.77
				All crops	2158	100.00			
7	The Dangs	Wheat	2	40.00	8	Gandhinagar	Wheat	222	19.61
		Fruits	0	0.00			Castor Seeds	176	15.55
		Other Vegetables	0	0.00			Rice	143	12.63
		Other crops	3	60.00			Cotton	167	14.75
		All crops	5	100.00			Bajri	66	5.83
				Other crops	358	31.63			
				All crops	1132	100.00			
9	Jamnagar	Cotton	223	14.60	10	Junagadh	Wheat	0	0.00
		Groundnut	153	10.02			Cotton	186	8.49
		Wheat	354	23.19			Groundnut	265	12.08
		Other crops	797	52.19			Fodder crops	1484	67.67
		All crops	1527	100.00			Other crops	258	11.76
				All crops	2193	100.00			

STATEMENT NO : 17 (Conti..)

Cropwise Districts Which Account for Larger Proportion of Irrigated Area Under the Crops : 2003-04

Sr No	Districts	Crops	Irrigated Area (' 00 Hectares)	Percentage of Total Irrigated Area under the Crop
1	2	3	4	5
11	Porbandar	Fodder crops	108	48.43
		Wheat	46	20.63
		Cotton	38	17.04
		Cumin	10	4.48
		Other crops	21	9.42
		All crops	223	100.00
13	Kheda	Rice	931	36.42
		Wheat	471	18.43
		Tobacco	358	14.01
		Bajri	251	9.82
		Other crops	545	21.32
		All crops	2556	100.00
15	Mahesana	Rap and Mustard	378	15.52
		Wheat	448	18.39
		Castor Seeds	327	13.42
		Fodder crops	1116	45.81
		Other crops	167	6.86
		All crops	2436	100.00
17	Panchmahal	Rice	95	18.45
		Maize	99	19.22
		Wheat	118	22.91
		Cotton	26	5.05
		Other crops	177	34.37
		All crops	515	100.00
19	Rajkot	Cotton	1285	
		Castor Seeds	59	
		Wheat	560	
		Fodder crops	1152	
		Other crops		
		All crops	2626	

Sr No	Districts	Crops	Irrigated Area (' 00 Hectares)	Percentage of Total Irrigated Area under the Crop
1	2	3	4	5
12	Kachchh	Groundnut	520	23.39
		Fodder crops	716	32.21
		Cotton	254	11.43
		Castor Seeds	234	10.53
		Other crops	499	22.44
		All crops	2223	100.00
14	Anand	Rice	673	29.08
		Tobacco	588	25.41
		Wheat	313	13.53
		Bajri	210	9.08
		Other crops	530	22.90
		All crops	2314	100.00
16	Patan	Cumin	264	21.07
		Rap and Mustard	292	23.31
		Castor Seeds	191	15.24
		Wheat	148	11.81
		Other crops	358	28.57
		All crops	1253	100.00
18	Dohad	Rice	169	22.56
		Gram	57	7.61
		Wheat	404	53.94
		Other crops	119	15.89
		All crops	749	100.00
20	Sabarkantha	Wheat	505	28.48
		Cotton	362	20.42
		Castor Seeds	277	15.62
		Rice	49	2.76
		Other crops	580	32.72
		All crops	1773	100.00

STATEMENT NO : 17 (Conti..)

Cropwise Districts Which Account for Larger Proportion of Irrigated Area Under the Crops : 2003-04

Sr No	Districts	Crops	Irrigated Area (' 00 Hectares)	Percentage of Total Irrigated Area under the Crop	Sr No	Districts	Crops	Irrigated Area (' 00 Hectares)	Percentage of Total Irrigated Area under the Crop		
1	2	3	4	5	1	2	3	4	5		
21	Surat	Sugarcane	1577	58.02	22	Surendranagar	Cotton	696	53.46		
		Rice	548	20.16			Cumin	179	13.75		
		Fruits	79	2.91			Groundnut	18	1.38		
		Other crops	514	18.91			Wheat	184	14.13		
		All crops	2718	100.00			Other crops	225	17.28		
						All crops	1302	100.00			
23	Vadodara	Cotton	1019	40.79	24	Valsad	Fruits	235	45.63		
		Tur	152	6.08			Sugarcane	157	30.49		
		Rice	162	6.49			Rice	66	12.82		
		Wheat	194	7.77			Other crops	57	11.06		
		Sugarcane	120	4.81			All crops	515	100.00		
		Maize	144	5.76							
		Tobacco	97	3.88							
		Other Vegetables	87	3.48							
		Other crops	523	20.94							
		All crops	2498	100.00							
25	Navsari	Rice	380	37.93	26	All Districts	Cotton	7570	18.41		
		Sugarcane	300	29.94			Wheat	6419	15.62		
		Fruits	230	22.95			Rice	4135	10.06		
		Other crops	92	9.18			Castor Seeds	2430	5.91		
		All crops	1002	100.00			Sugarcane	2670	6.49		
			Rap and Mustard	2538			6.17				
			Fodder crops	2373			5.77				
			Bajri	1960			4.77				
			Cumin	1760			4.28				
			Other crops	9257			32.52				
			All crops	41112			100.00				

STATEMENT NO : 18

**Percentage Distribution of Gross Irrigated Area by
Districtwise and Districtwise Gross Irrigated Area as
Percentages of Gross Cropped Area
2002-03 & 2003-04**

Sr No	District	Gross Irrigated Area in the Districts as Percentage of Gross Irrigated Area in the State		Gross Irrigated Area as Percentage of Total Cropped Area	
		2002-03	2003-04	2002-03	2003-04
1	2	3	4	5	6
1	Ahmedabad	4.64	5.11	30.33	37.64
2	Amreli	3.16	2.89	20.65	20.60
3	Banaskantha	13.48	11.48	46.72	45.68
4	Bharuch	2.69	2.59	29.60	32.07
5	Narmada	0.68	0.73	21.73	24.83
6	Bhavnagar	5.41	5.25	31.57	34.67
7	The Dangs	0.01	0.01	0.86	0.86
8	Gandhinagar	3.51	2.75	64.94	56.63
9	Jamnagar	2.69	3.71	15.68	22.10
10	Junagadh	3.24	5.33	20.41	32.06
11	Porbandar	0.38	0.54	11.02	16.64
12	Kachchh	5.49	5.41	42.36	30.55
13	Kheda	5.35	6.22	54.06	63.38
14	Anand	4.84	5.63	70.68	78.79
15	Mahesana	7.10	5.93	57.35	54.51
16	Patan	3.79	3.05	33.17	29.66
17	Panchmahal	1.38	1.25	16.93	17.29
18	Dohad	0.62	1.82	10.18	24.99
19	Rajkot	5.35	6.39	25.09	30.23
20	Sabarkantha	4.73	4.31	33.67	33.26
21	Surat	7.12	6.61	55.99	58.72
22	Surendranagar	3.40	3.17	17.49	17.73
23	Vadodara	6.83	6.08	44.76	44.18
24	Valsad	1.38	1.25	28.35	28.92
25	Navsari	2.74	2.44	58.58	58.94
Gujarat State		100.00	100.00	34.21	35.99

STATEMENT NO : 19**Intensity of Cropping and Intensity of Irrigated Cropping***(Area in '00 Hectores)*

Sr No	District	Net Area	Gross Area	Croppin g	Net irri- cated	Gros Irrigated	Intensit y of
1	2	3	4	5	6	7	8
1	Ahmeda bad	5060	5562	109.92	1402	1687	120.33
2	Amreli	5425	5573	102.73	1015	1151	113.40
3	Banaska ntha	7317	10495	143.43	3963	4903	123.72
4	Bharuch	3272	3301	100.89	955	977	102.30
5	Narmad a	1110	1132	101.98	246	246	100.00
6	Bhavnag ar	5564	6236	112.08	1688	1969	116.65
7	The Dang s	563	579	102.84	4	5	125.00
8	Gandhin agar	1593	1968	123.54	913	1278	139.98
9	Jamnag ar	6033	6238	103.40	833	978	117.41
10	Junagad h	5281	5781	109.47	947	1180	124.60
11	Porband ar	1153	1252	108.59	135	138	102.22
12	Kachchh	4512	4710	104.39	1808	1995	110.34
13	Kheda	3000	3596	119.87	1569	1944	123.90
14	Anand	1784	2493	139.74	1388	1762	126.95
15	Mahesa na	3476	4506	129.63	2010	2584	128.56
16	Patan	3816	4151	108.78	1095	1377	125.75
17	Panchm ahal	2728	2959	108.47	373	501	134.32
18	Dohad	1969	2210	112.24	169	225	133.14
19	Rajkot	7441	7756	104.23	1730	1946	112.49
20	Sabarka ntha	4411	5109	115.82	1405	1720	122.42
21	Surat	4240	4622	109.01	2297	2588	112.67
22	Surendr anagar	6886	7062	102.56	1098	1235	112.48
23	Vadodar a	5092	5547	108.94	2114	2483	117.46
24	Valsad	1611	1767	109.68	446	501	112.33
25	Navsari	1477	1702	115.23	858	997	116.20
	TOTAL	94814	106307	115.23	30461	36370	116.20

STATEMENT NO : 20							
Intensity of Cropping and Intensity of Irrigated Cropping for the Year 2003-04							
<i>(Area in '00 Hectores)</i>							
Sr No	District	Net Area Shown	Gross Area Shown	Cropping intensity (Percent)	Net irrigated Area	Gros Irrigated Area	Intensity of Irrigated Cropping (Percent)
1	2	3	4	5	6	7	8
1	Ahmedabad	5093	5578	109.52	1724	2100	121.81
2	Amreli	5472	5768	105.41	1024	1188	116.02
3	Banaskantha	7441	10336	138.91	3559	4721	132.65
4	Bharuch	3315	3386	102.14	1030	1086	105.44
5	Narmada	1112	1204	108.27	259	299	115.44
6	Bhavnagar	5614	6225	110.88	1974	2158	109.32
7	The Dangs	563	583	103.55	4	5	125.00
8	Gandhinagar	1642	1999	121.74	970	1132	116.70
9	Jamnagar	6091	6909	113.43	1242	1527	122.95
10	Junagadh	5342	6841	128.06	1776	2193	123.48
11	Porbandar	1194	1340	112.23	192	223	116.15
12	Kachchh	6799	7277	107.03	1781	2223	124.82
13	Kheda	3104	4033	129.93	2006	2556	127.42
14	Anand	1891	2937	155.31	1794	2314	128.99
15	Mahesana	3494	4469	127.90	1993	2436	122.23
16	Patan	3868	4224	109.20	1037	1253	120.83
17	Panchmahal	2760	2978	107.90	443	515	116.25
18	Dohad	2122	2997	141.23	576	749	130.03
19	Rajkot	7632	8688	113.84	2110	2626	124.45
20	Sabarkantha	4466	5330	119.35	1416	1773	125.21
21	Surat	4240	4629	109.17	2420	2718	112.31
22	Surendranagar	7020	7344	104.62	1109	1302	117.40
23	Vadodara	5160	5654	109.57	2129	2498	117.33
24	Valsad	1610	1781	110.62	444	515	115.99
25	Navsari	1700	1550	91.18	859	1002	116.65
	TOTAL	98515	114210	115.93	33875	41112	121.36

STATEMENT NO : 21
Number of Oil Engines with Pumps, Electric Pump and Submersible Pump used for Irrigation (AS per Live Stock Census 1997 & 2003)

Sr No	District	1997						2003					
		Oil Engines with Pumps		Electric Pumps		Submersible Pumps		Oil Engines with Pumps		Electric Pumps		Submersibl Pumps	
		No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Ahmedabad	7773	2.12	2135	1.06	4330	2.11	12076	2.77	6837	1.46	7137	1.40
2	Amreli	31674	8.62	14074	6.98	12169	5.92	32174	7.37	24256	5.18	24256	4.76
3	Banaskantha	22945	6.25	22374	11.10	18499	9.00	12925	2.96	56857	12.14	52153	10.24
4	Bharuch	2643	0.72	1665	0.83	1962	0.95	5859	1.34	4500	0.96	4500	0.88
5	Narmada	1443	0.39	494	0.24	293	0.14	3806	0.87	1168	0.25	1168	0.23
6	Bhavnagar	31047	8.45	13642	6.77	20008	9.73	51979	11.90	42454	9.07	42454	8.34
7	The Dangs	517	0.14	11	0.01	1	0.00	944	0.22	21	0.00	21	0.00
8	Gandhinagar	64	0.02	123	0.06	3343	1.63	287	0.07	5501	1.17	5501	1.08
9	Jamnagar	39602	10.78	18865	9.36	16287	7.92	47247	10.82	44079	9.41	44079	8.66
10	Junagadh	42538	11.58	32970	16.35	31576	15.36	45303	10.37	68531	14.63	68531	13.46
11	Porbandar	6474	1.76	6724	3.33	1919	0.93	6881	1.58	9128	1.95	9128	1.79
12	Kachchh	5071	1.38	4457	2.21	4976	2.42	5194	1.19	13073	2.79	13173	2.59
13	Kheda	5608	1.53	3528	1.75	3920	1.91	8559	1.96	9350	2.00	9350	1.84
14	Anand	2731	0.74	3029	1.50	1887	0.92	3075	0.70	5514	1.18	5514	1.08
15	Mahesana	1534	0.42	1948	0.97	6369	3.10	2762	0.63	11603	2.48	56814	11.16
16	Patan	2493	0.68	1045	0.52	3287	1.60	2495	0.57	4593	0.98	4593	0.90
17	Panchmahal	12152	3.31	2017	1.00	1191	0.58	33527	7.68	7064	1.51	7064	1.39
18	Dohad	16909	4.60	917	0.45	298	0.14	17983	4.12	1291	0.28	1291	0.25
19	Rajkot	56015	15.25	23089	11.45	17829	8.67	48912	11.20	36078	7.70	36078	7.08
20	Sabarkantha	18378	5.00	17048	8.45	29629	14.41	23900	5.47	56034	11.96	56034	11.00
21	Surat	12301	3.35	7997	3.97	4103	2.00	18593	4.26	16938	3.62	16938	3.33
22	Surendranagar	15688	4.27	3739	1.85	12583	6.12	18014	4.13	18551	3.96	18551	3.64
23	Vadodara	11842	3.22	3459	1.72	4607	2.24	17980	4.12	8959	1.91	8959	1.76
24	Valsad	7891	2.15	5317	2.64	1734	0.84	9089	2.08	6536	1.40	6536	1.28
25	Navsari	11908	3.24	10980	5.45	2812	1.37	7117	1.63	9402	2.01	9402	1.85
	TOTAL	367241	100.00	201647	100.00	205612	100.00	436681	100.00	468318	100.00	509225	100.00

Source : Gujarat State Livestock Census 1997 & 2003

Note : Such data was not collected during live stock census-2007

STATEMENT No.-22**Districtwise Information Regarding Tubewells**

Sr No	District	2002-03				2003-04			
		Tubewells completed	Tubewells from which irrigation Water Supplied	Irrigation Potential (Hectares)	Area Irrigated (Hectares)	Tubewells completed	Tubewells from which irrigation Water Supplied	Irrigation Potential (Hectares)	Area Irrigated (Hectares)
1	2	3	4	5	6	7	8	9	10
1	Ahmedabad	384	224	24100	6090	384	195	24100	5395
2	Amreli	7	0	70	0	7	0	70	0
3	Banaskantha	1026	512	60480	13736	1026	455	60480	12276
4	Bharuch	145	111	11350	4259	145	114	11350	4376
5	Narmada	79	60	6030	1475	79	61	6030	1505
6	Bhavnagar	4	3	160	30	4	3	160	19
7	The Dangs	1	0	10	0	1	0	10	0
8	Gandhinagar	270	145	16270	3936	271	137	16310	2294
9	Jamnagar	0	0	0	0	0	0	0	0
10	Junagadh	2	0	20	0	2	1	20	7
11	Porbandar	0	0	0	0	0	0	0	0
12	Kachchh	281	100	18130	3767	281	93	18130	2690
13	Kheda	395	265	36120	9329	395	237	36120	8875
14	Anand	370	304	33450	13193	370	295	33450	13359
15	Mahesana	405	343	20300	12059	411	336	20300	10229
16	Patan	352	262	17590	8580	359	260	17790	6115
17	Panchmahal	21	12	360	171	21	12	360	222
18	Dohad	0	0	0	0	0	0	0	0
19	Rajkot	5	3	70	49	5	4	170	50
20	Sabarkantha	111	59	6550	637	111	31	6550	311
21	Surat	20	14	390	250	20	16	390	188
22	Surendranagar	125	41	3810	786	125	34	3780	717
23	Vadodara	409	316	31910	12707	409	334	31910	11859
24	Valsad	7	4	70	48	7	7	70	25
25	Navsari	3	3	30	28	3	3	30	20
	TOTAL	4422	2781	287270	91130	4436	2628	287580	80532

STATEMENT No.-22 (contd.)

Districtwise Information Regarding Tubewells

Sr No.	District	2004-05				2005-06			
		Tubewells completed	Tubewells from which irrigation Water Supplied	Irrigation Potential (Hectares)	Area Irrigated (Hectares)	Tubewells completed	Tubewells from which irrigation Water Supplied	Irrigation Potential (Hectares)	Area Irrigated (Hectares)
1		3	4	5	6	7	8	9	10
1	Ahmedabad	384	188	24100	4809	384	165	24100	3662
2	Amreli	7	0	70	0	7	0	70	0
3	Banaskantha	1026	432	60480	12697	1026	412	60480	11224
4	Bharuch	145	103	11350	3956	145	100	11350	5747
5	Narmada	79	61	6070	2677	79	59	6070	2536
6	Bhavnagar	4	0	160	0	4	0	160	0
7	The Dangs	1	0	10	0	1	0	10	0
8	Gandhinagar	270	108	16310	2171	270	108	16310	1404
9	Jamnagar	0	0	0	0	0	0	0	0
10	Junagadh	2	0	20	0	2	0	20	0
11	Porbandar	0	0	0	0	0	0	0	0
12	Kachchh	281	93	18130	2534	281	73	18130	2290
13	Kheda	395	232	36120	9401	395	217	36120	10100
14	Anand	372	298	33450	15126	372	293	33450	16099
15	Mahesana	411	333	20300	8437	411	309	20300	7231
16	Patan	359	264	17790	5601	359	246	17790	6457
17	Panchmahal	21	13	360	201	21	12	360	146
18	Dohad	0	0	0	0	0	0	0	0
19	Rajkot	5	2	170	13	5	2	170	16
20	Sabarkantha	111	23	6550	272	111	26	6550	321
21	Surat	20	15	400	257	20	12	400	200
22	Surendranagar	125	35	3780	498	125	30	3780	461
23	Vadodara	408	329	32030	14123	408	306	32030	13930
24	Valsad	7	5	70	56	7	0	70	0
25	Navsari	3	2	30	31	3	1	30	11
	TOTAL	4436	2536	287750	82860	4436	2371	287750	81835

STATEMENT No.-22 (contd.)

Districtwise Information Regarding Tubewells

Sr No	District	2006-07				2007-08			
		Tubewells completed	Tubewells from which irrigation Water Supplied	Irrigation Potential (Hectares)	Area Irrigated (Hectares)	Tubewells completed	Tubewells from which irrigation Water Supplied	Irrigation Potential (Hectares)	Area Irrigated (Hectares)
		3	4	5	6	7	8	9	10
1	Ahmedabad	384	156	13127	3295	384	150	13127	3267
2	Amreli	7	0	0	0	7	0	0	0
3	Banaskantha	1026	408	17277	10539	1026	402	17277	9251
4	Bharuch	147	104	6284	5444	147	104	6284	4976
5	Narmada	86	63	2333	2231	86	63	2329	1988
6	Bhavnagar	4	0	0	0	4	0	0	0
7	The Dangs	1	0	10	0	1	0	10	0
8	Gandhinagar	270	109	8352	1873	270	115	8352	2604
9	Jamnagar	125	4	0	0	125	0	0	0
10	Junagadh	2	0	0	0	2	0	0	0
11	Porbandar	0	0	0	0	0	0	0	0
12	Kachchh	281	70	3278	2100	281	69	3278	2276
13	Kheda	395	200	8815	9320	395	217	8815	8400
14	Anand	373	288	16016	15806	373	288	16016	14890
15	Mahesana	411	309	15408	4886	411	308	15408	8808
16	Patan	359	244	12468	4909	359	233	12468	6353
17	Panchmahal	21	7	169	140	21	13	225	130
18	Dohad	0	0	0	0	0	0	0	0
19	Rajkot	5	2	30	14	5	2	30	10
20	Sabarkantha	110	26	1885	461	110	31	1885	807
21	Surat	5	3	86	32	5	1	37	15
22	Surendranagar	125	31	1178	330	125	33	1178	350
23	Vadodara	437	303	14544	12647	437	308	14784	10224
24	Valsad	7	3	125	46	7	3	125	48
25	Navsari	3	2	75	32	3	2	75	31
	TOTAL	4459	2328	121460	74105	4459	2342	121703	74428

Source : Gujarat Water Resources Development Corporation Ltd. Gandhinagar.

Note;- Irrigation potencial Reduced due to various resources.

(1).private irrigation in command area of T/ws ie, canal, wells etc.

(2) Reduction in discharge of Tubewells

(3) Tubewell closed due to various technical reasons as well as farmers are not willing to take water for irrigastion from Tubewells.

STATEMENT NO : 23

Cropwise and Seasonwise Area Irrigated by Tubewells

(Area in '00 Hectores)

Sr No	Season	Perennial Crops			Seasonal Crops									Total of All Crops
		Sugar-cane	Other Crops (Rajko /Banana Other)	Total Perennial Crops	Cotton	Tabaco	Wheat	Paddy	Vegetables Pulses other Crops	Jowar/ Bajri/ Maize	Oil Seed other than Ground-nut	Ground-nut	Other Crops	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Year :2003-04														
1	Kharif	560	725	1285	1192	1667	79	3950	652	2733	1997	25	1455	15035
2	Rabi	1237	1916	3153	4936	4725	7729	320	1635	3192	6683	198	7760	40331
3	Summer	813	1148	1961	1827	1397	2779	350	1363	10627	1248	56	3558	25166
	TOTAL	2610	3789	6399	7955	7789	10587	4620	3650	16552	9928	279	12773	80532
Year :2004-05														
1	Kharif	722	571	1293	3918	3244	0	2312	1117	3841	1694	575	1772	19766
2	Rabi	1215	1600	2815	5428	4827	6350	322	1740	1590	5614	2018	6455	37159
3	Summer	1077	2695	3772	2576	1987	1373	255	1612	10849	886	197	2428	25935
	TOTAL	3014	4866	7880	11922	10058	7723	2889	4469	16280	8194	2790	10655	82860
Year :2005-06														
1	Kharif	1039	507	1546	2945	2133	0	4014	1079	2508	1583	68	1346	17222
2	Rabi	1578	2156	3734	5276	5400	6516	284	1618	1887	7436	703	4795	37649
3	Summer	1668	1900	3568	2349	1785	2512	243	1978	9674	1510	75	3270	26964
	TOTAL	4285	4563	8848	10570	9318	9028	4541	4675	14069	10529	846	9411	81835

STATEMENT NO : 23

Cropwise and Seasonwise Area Irrigated by Tubewells

Sr No	Season	Perennial Crops			Seasonal Crops									Total of All Crops
		Sugar-cane	Other Crops (Rajko /Bajri Other)	Total Perennial Crops	Cotton	Tabaco	Wheat	Paddy	Vegetables Pulses other Crops	Jowar/ Bajri/ Maize	Oil Seed other than Ground-nut	Ground-nut	Other Crops	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
YEAR; 2006-07														
1	Kharif	1158	527	1685	2634	1643	0	3127	1326	2873	1243	121	1496	16148
2	Rabi	1899	2290	4189	4822	3087	6434	441	2060	2426	5765	270	4110	33604
3	Summer	1195	1524	2719	2346	1912	1590	217	1965	10445	957	69	2232	24452
	TOTAL	4252	4341	8593	9802	6642	8024	3785	5351	15744	7965	460	7838	74204
YEAR; 2007-08														
1	Kharif	513	626	1139	2990	1096	158	2945	1459	3632	1198	66	2113	16796
2	Rabi	1493	2021	3514	4115	3833	6784	194	2705	1718	7070	36	4111	34080
3	Summer	1046	1351	2397	1702	1976	1529	257	1932	10323	1173	172	2222	23683
	TOTAL	3062	3998	7050	8807	6905	8471	3396	6096	15673	9441	274	8446	74559
Source : Gujarat Water Resources Development Corporation Ltd. Gandhinagar.														

Statement- 24

Districtwise Abstract of vantalavadis and Checkdams

Sr no	District	2001-02		2002-03		2003-04		2004-05		2005-06		2006-07		2007-08		TOTAL	
		Van Talavadi	Check-dams	Van Talavadi	Check-dams	Van Talavadi	Check-dams	Van Talavadi	Check-dams	Van Talavadi	Check-dams	Van Talavadi	Check-dams	Van Talavadi	Check-dams	Van Talavadi	Check-dams
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Ahmedabad	0	0	0	0	1	0	0	2	0	0	0	0	0	0	1	2
2	Amreli	0	7	0	0	0	0	0	1	0	1	0	0	0	18	0	27
3	Anand	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Banaskantha	13	70	67	87	51	43	3	17	6	79	3	41	16	41	159	378
5	Bharuch	7	0	0	1	0	0	0	0	0	13	8	1	0	1	15	16
6	Bhavnagar	99	29	31	3	41	12	57	7	89	0	25	0	46	13	388	64
7	Dohad	21	30	0	6	0	22	0	37	0	7	1	24	2	46	24	172
8	The Dangs	0	0	0	2	0	3	0	22	1	11	0	8	0	11	1	57
9	Gandhinagar	9	0	0	0	0	0	3	0	0	0	0	0	0	2	12	2
10	Jamnagar	0	7	0	23	0	39	3	62	0	42	6	126	0	49	9	348
11	Junagadh	13	25	5	5	0	0	7	3	2	1	9	2	9	10	45	46
12	Kachchh	25	0	161	7	356	19	295	34	285	81	356	168	126	134	1604	443
13	Kheda	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
14	Mehsana	1	2	0	1	17	1	11	0	0	0	0	0	0	3	29	7
15	Narmada	0	0	3	10	2	6	3	0	5	0	2	17	0	17	15	50
16	Navsari	0	1	0	0	0	3	0	4	0	2	0	3	0	5	0	18
17	Panchmahal	0	31	1	4	18	40	1	57	0	16	4	35	0	19	24	202
18	Patan	2	1	0	4	0	7	1	8	0	0	6	15	1	6	10	41
19	Porbandar	4	1	0	8	0	11	21	4	0	5	0	5	1	15	26	49
20	Rajkot	0	7	0	1	0	55	11	33	15	42	1	32	0	70	27	240
21	Sabarkantha	26	139	3	6	76	98	3	49	9	63	7	16	27	44	151	415
22	Surat	23	1	2	3	4	7	9	8	0	25	0	30	0	6	38	80
23	Surendranagar	143	4	44	1	156	0	80	11	31	23	64	10	5	17	523	66
24	Vadodara	0	0	2	43	0	47	2	49	0	1	0	11	0	0	4	151
25	Valsad	1	14	0	0	1	15	0	5	5	5	1	0	0	0	8	39
	Total	387	369	319	215	723	428	510	413	448	417	493	544	233	529	3113	2915

Source : Pre. Chief Conseveter of Foresr , Gandhinagar

STATEMENT NO : 25**Districtwise Projected and compited Length of Canals for Sardar Sarovar Project(as on 31-3-2008)**

Sr No	District	Canal Type (Length in km)											
		Main Canal		Branch Canal		Distribution Canal		Minors Canal		Sub Minors Canal		Total Lenth	
		Projected	Completed	Projected	Completed	Projected	Completed	Projected	Completed	Projected	Completed	Projected	Completed
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Ahmedabad	9.88	9.88	414.39	329.28	806.16	211.02	2930.55	450.43	8097.09	1070.41	12258.07	2071.02
2	Banaskantha	101.13	98.45	137.81	19.09	562.70	0.00	2140.00	0.00	4292.45	0.00	7234.08	117.53
3	Bharuch	0.00	0.00	153.00	153.00	438.00	426.81	1525.95	1208.00	4549.00	1522.33	6665.95	3310.14
4	Narmada	10.00	10.00	13.00	13.00	50.00	50.00	157.28	157.28	646.00	558.76	876.28	789.04
5	Bhavnagar	0.00	0.00	83.59	23.00	180.19	0.00	522.24	0.00	1632.36	0.00	2418.38	23.00
6	Gandhinagar	55.28	55.28	22.66	22.66	26.59	31.02	102.45	96.97	360.58	228.42	567.56	434.35
7	Kachchh	0.00	0.00	276.00	1.83	484.00	0.00	1950.00	0.00	6800.00	0.00	9510.00	1.83
8	Kheda	57.34	57.34	44.68	44.67	56.94	56.70	404.56	332.33	881.39	643.65	1444.91	1134.69
9	Mahesana	54.35	54.35	110.55	110.38	143.67	97.30	609.18	55.15	1537.73	152.10	2455.48	469.28
10	Patan	37.45	37.45	180.08	127.84	675.86	0.00	2145.00	0.00	5454.00	0.00	8492.39	165.29
11	Panchmahal	58.90	58.90	15.90	15.90	3.00	2.71	39.16	44.00	115.00	87.32	231.96	208.83
12	Rajkot	0.00	0.00	84.04	42.43	122.82	0.00	355.96	0.00	1112.62	0.00	1675.44	42.43
13	Surendranagar	0.00	0.00	520.03	254.90	930.63	1.00	2798.40	0.00	8695.81	0.00	12944.87	255.90
14	Vadodara	74.00	74.00	475.00	475.00	610.00	607.46	2711.61	2416.72	7614.00	5483.91	11484.61	9057.09
Gujarat State		458.33	455.65	2530.73	1632.98	5090.56	1484.02	18392.34	4760.88	51788.03	9746.90	78259.98	18080.42

Source : Controler of Sardar Sarover Narmda Nigan LTD, Gandhinagar

STATEMENT NO : 26			
Districtwise Benefisheries of Drinking Water Facility From Sardar Sarovar Project.			
Sr No	District	Benefisheries for Drinking Water (in Nos)	
		Town	Villages
1	2	3	4
1	Ahmedabad	25	546
2	Amreli	8	615
3	Banaskantha	2	816
4	Bhavnagar	13	790
5	Gandhinagar	4	291
6	Jamnagar	16	698
7	Junagadh	12	923
8	Kachchh	8	886
9	Kheda	0	65
10	Mahesana	7	464
11	Narmada	0	78
12	Patan	5	421
13	Porbandar	5	182
14	Panchmahal	3	408
15	Rajkot	10	844
16	Sabarkantha	6	956
17	Surendranagar	7	650
Gujarat State		131	9633
Source : Controler of Sardar Sarover Narmda Nigan LTD, Gandhinagar			

STATEMENT NO : 27					
Districtwise & Talukawise Cultivable Command Are & No. of Village of Sardar Sarovar Project.					
Sr No	District	Taluka		No of Villages	Cultivable Command Area (in ha)
1	2	3		4	5
1	Ahemedabad	1	Viramgam	68	55428
		2	Mandal	38	38792
		3	Detroj-Rampur	47	23256
		4	Dhola	66	46633
		5	Dhandhuka	67	73168
		6	Daskroi	42	20512
		7	Bavla	10	8981
		8	Baravala	28	27618
		9	Sanand	35	25624
		10	Ranpur	24	15880
			Total		425
2	Banaskantha	1	Kankarej	22	13235
		2	Bhabhar	49	32593
		3	Deodar	5	1390
		4	Tharad	42	21016
		5	Vav	114	99751
			Total		232
3	Bharuch	1	Bharuch	90	42044
		2	Amod	53	31597
		3	Vagra	59	43486
		4	Jambusar	79	48760
			Total		281
4	Narmada	1	Nandod	32	5437
		2	Tilkwada	93	13436
			Total		125
5	Bhavnagar	1	Vallabhipur	52	36708
		2	Bhavnagar	12	8821
		3	Botad	18	12399
		4	Gadhda	5	2769
		5	Umarala	12	4595
			Total		99
6	Gandhinagar	1	Dahegam	22	7409
		2	Kalol	19	5232
		3	Gandhinagar	3	256
			Total		44
7	Kachchh	1	Rapar	47	38561
		2	Bhachau	33	25935
		3	Bhuj	6	1343
		4	Gandhidham	8	4134
		5	Anjar	24	13367
		6	Mundra	34	18240
		7	Mandavi	30	11198
			Total		182
8	Kheda	1	Thasara	41	10234
		2	Kathlal	49	16122
		3	Kapadawanj	8	2731
		4	Mahudha	6	1596
		5	M'bad	25	6226
			Total		129

STATEMENT NO : 27 (Cont..)					
Districtwise & Talukawise Cultivable Command Area & No. of Village of Sardar Sarovar Project.					
Sr No	Name of District	Name of Taluka		No of Villages	Cultivable Command Area (in ha)
1	2	3		4	5
9	Mehsana	1	Mehsana	4	1624
		2	Becharaji	36	21128
		3	Kadi	81	40602
			Total	121	63354
10	Patan	1	Sami	98	92336
		2	Chanasma	15	6016
		3	Harij	36	21467
		4	Radhanpur	56	35706
		5	Santalpur	63	48364
			Total	268	203890
11	Panchmahals	1	Jambughoda	1	25
		2	Halol	5	520
		3	Kalol	11	3180
			Total	17	3725
12	Rajkot		Maliya	16	16512
			Morbi	36	27991
			Total	52	44503
13	Surendranagar	1	Dasada	91	93823
		2	Wadhavan	33	26685
		3	Dhangadhra	53	51661
		4	Halvad	50	48150
		5	Chuda	27	21297
		6	Lakhtar	49	43921
		7	Limbadi	60	65454
			Total	363	350991
14	Vadodara	1	Nasvadi	54	6732
		2	Sankheda	141	32305
		3	Pavijetpur	2	189
		4	Dabhoi	89	33257
		5	Karjan	93	44154
		6	Sinor	34	14650
		7	Padra	79	33005
		8	Waghodia	86	30777
		9	Savli	115	37648
		10	Vadodara	85	25407
			Total	778	258124
State Total				3116	1841100

Source : Controler of Sardar Sarover Narmda Nigan LTD, Gandhinagar

STATEMENT NO : 28

Irrigation Potential and Utilisation in Gujarat State : 1992-93 to 2007-08

(in Lakh Hectares)

Sr No	Year		Major and Medium Irrigation		Minor Irrigation including private wells		Total of Major, medium,&Minor Irrigation		% Indicate Increase / decrease(-) over Previous Year Irrigation				Over all	
									Major and Medium		Minor			
							Potential	Utilisation	Potential	Utilisation	Potential	Utilisation	Potential	Utilisation
1	2		3	4	5	6	7	8	9	10	11	12	13	14
1	1992-93	Cumm.	12.69	10.48	21.98	18.05	34.67	28.53						
2	1993-94	Cumm.	12.90	11.14	22.02	18.07	34.92	29.21	1.65	6.30	0.18	0.11	0.72	2.38
3	1994-95	Cumm.	13.17	11.49	22.10	18.14	35.27	29.63	2.09	3.14	0.36	0.39	1.00	1.44
4	1995-96	Cumm.	13.32	11.70	22.21	18.29	35.54	29.99	1.14	1.83	0.52	0.83	0.75	1.21
5	1996-97	Cumm.	13.47	11.90	22.35	18.43	35.82	30.33	1.13	1.71	0.61	0.77	0.80	1.13
6	1997-98	Cumm.	13.65	12.11	22.47	18.53	36.11	30.63	1.27	1.73	0.51	0.52	0.80	0.99
7	1998-99	Cumm.	13.76	12.35	22.61	18.65	36.37	30.99	0.84	2.00	0.62	0.65	0.71	1.18
8	1999-00	Cumm.	13.90	12.46	22.73	18.75	36.62	31.21	0.99	0.91	0.53	0.54	0.70	0.69
9	2000-01	Cumm.	13.98	12.75	23.98	20.97	37.96	33.71	0.60	2.29	5.50	11.84	3.64	8.03
10	2001-02	Cumm.	14.04	12.87	24.94	23.92	38.98	36.79	0.43	0.95	4.03	14.09	2.70	9.12
11	2002-03	Cumm.	14.52	13.18	25.51	24.46	40.03	37.65	3.41	2.46	2.27	2.27	2.68	2.34
12	2003-04	Cumm.	15.97	13.86	26.55	24.99	42.51	38.85	9.97	5.15	4.08	2.15	6.22	3.20
13	2004-05	Cumm.	16.86	14.32	27.06	25.50	43.92	39.82	5.62	3.32	1.92	2.04	3.31	2.50
14	2005-06	Cumm.	17.82	14.85	27.80	26.35	45.63	41.21	5.69	3.70	2.77	3.34	3.89	3.47
15	2006-07	Cumm.	18.54	15.06	26.95	26.56	45.49	41.62	4.02	1.36	-3.06	0.81	-0.30	1.01
16	2007-08	Cumm.	19.58	15.09	27.38	27.00	46.96	42.08	5.62	0.21	1.58	1.63	3.23	1.12

Source : (i) Narmda & Water resources Department, Sachivalaya, Gandhinagar.

(ii) Annual Development Programme.

(iii) Year 1996-97 & 2000-01 Repeated Previous Year in Minor Irrigation

STATEMENT NO : 29		
Water Rates of Irrigation for Agricultural Purposes Prevalent in the Gujarat State with effect from 9-9-2008		
Sr No	Crops	Rate Per Hectare
1	2	3
A	Greavity Irrigation	
	1 Kharif, Rabi, Hot Wether Season & Two Season Crops	Rs. 180/- Per Piyat
	2 Perennial Crops(Sugarcane and Plaintains)	Rs. 300/- Per Piyat
B	Lift Irrigation	
	1 By Farmer (On own Cost)	1/3rd of above A
	2 By Government (Through Canal or Ponds including Narmada through Pipeline)	Rs. 328/- Per Piyat
	3 By Government (Through Jalasaya & Natural Gravity)	(i) Rs.160/- Per Piyat for Two Season Crops. (ii) Rs. 300/- per Piyat For Perennial Crops.
	4 Through Jalasaya & Checkdam from Upper flow.(By	Nil (With Permission)
C	Dripp Irrigation & Sprinkler Irrigation	35 % of Greavity Irrigation and 65 % of Lift Irrigation Rate
D	Checkdam (Under Sardar Patel Jai Sanchayl Yojna)	Nil
E	To fill up the ponds & releage water in rirver for Irrigation	1/3 rd of B-2 & As per Lift Irrigation , and Greavity Irrigation Rate.
Source : Irrigation Department G.R.No. WTR-2005/41/P dated 9-9-2008		

STATEMENT NO : 30
Area Under principal Crops : Gujarat - India 1981-82 to 2003-04

(Area In '000 Hectares)

Sr No	Year	Cereals											
		Rice		Wheat		Jowar		Bajri		Maize		Other Cereals	
		Gujarat	India	Gujarat	India	Gujarat	India	Gujarat	India	Gujarat	India	Gujarat	India
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	1981-1982	610	40708	676	22144	1106	16599	1513	11784	320	5935	206	8125
2	1985-1986	585	41137	507	22997	1134	16097	1506	10652	309	5797	159	6925
3	1991-1992	671	42649	510	23262	654	12360	1417	10028	383	5859	84	5172
4	1994-1995	720	42814	794	25700	541	11514	1383	10223	396	6136	77	4218
5	1995-1996	726	42837	592	25011	490	11326	1329	9319	415	5979	69	4260
6	1996-1997	735	43433	646	25887	448	11431	1315	9980	418	6260	66	4142
7	1997-1998	756	43446	698	26696	387	10801	1281	9668	431	6321	56	4044
8	1998-1999	729	44802	634	27523	327	9794	1245	9297	442	6204	55	4046
9	1999-2000	720	45162	518	27486	304	10251	1154	8897	446	6422	55	3770
10	2000-2001	689	44712	358	25731	241	9856	1162	9829	462	6611	52	3961
11	2001-2002	698	44904	438	26345	222	9795	1158	9529	490	6582	62	3618
12	2002-2003	629	41176	479	25196	212	9300	1129	7740	504	6635	53	3318
13	2003-2004	675	42496	759	26581	173	9384	1071	10584	485	7322	38	3514

		STATEMENT NO : 30 (Cont.)													
		Area Under principal Crops : Gujarat - India 1981-82 to 2003-04													
		<i>(Area In '000 Hectares)</i>													
Sr No	Year	Cereals				Pulses								Sugarcane	
		Totals Cereals		Gram		Tur		Other Pulses		Total Pulses		Total Cereals & Pulses		Gujarat	India
		Gujarat	India	Gujarat	India	Gujarat	India	Gujarat	India	Gujarat	India	Gujarat	India		
1	2	15	16	17	18	19	20	21	22	23	24	25	26	27	28
1	1981-1982	4445	105295	102	7868	305	3004	249	12971	861	23843	5306	23843	117	3193
2	1985-1986	4213	103605	88	7804	360	3184	241	13429	870	24417	5083	24417	123	2849
3	1991-1992	3731	99330	80	5580	427	3627	222	13336	883	22543	4615	22543	173	4105
4	1994-1995	3926	100605	139	7543	378	3314	232	12171	932	23028	4858	23028	222	3867
5	1995-1996	3634	98732	90	7116	387	3447	227	12076	877	22283	4511	22283	251	4147
6	1996-1997	3642	101134	112	6847	410	3514	223	12087	915	22447	4557	22447	232	4174
7	1997-1998	3620	100976	121	7563	379	3359	219	11949	905	22871	4525	22871	225	3930
8	1998-1999	3446	101666	127	8469	370	3440	205	13152	884	23501	4330	23501	243	4054
9	1999-2000	3207	101988	77	6146	369	3427	194	11543	792	21116	3999	21116	255	4220
10	2000-2001	2975	100700	25	5185	356	3632	186	11531	743	20348	3718	20348	257	4316
11	2001-2002	3082	100771	47	6416	348	3328	197	12264	779	22008	3861	22008	266	4412
12	2002-2003	3019	93364	58	5906	332	3359	201	11231	749	20496	3769	20496	252	4520
13	2003-2004	3201	99882	150	7122	297	3520	386	12801	833	23443	4034	23443	176	4023

		STATEMENT NO : 30 (Cont.)													
		Area Under principal Crops : Gujarat - India 1981-82 to 2003-04													
		<i>(Area In '000 Hectares)</i>													
Sr No	Year	Chillies		Potato		Cotton		Groundnut		Rape and Mustard		Castor		Tobacco	
		Gujarat	India	Gujarat	India	Gujarat	India	Gujarat	India	Gujarat	India	Gujarat	India	Gujarat	India
1	2	29	30	31	32	33	34	35	36	37	38	39	40	41	42
1	1981-1982	21	806	9	763	1514	8075	2178	7429	196	4399	196	558	120	444
2	1985-1986	22	904	14	843	1451	7533	1868	7125	220	3255	247	637	129	396
3	1991-1992	24	847	19	1030	1164	7661	1976	8668	334	6553	324	712	139	427
4	1994-1995	29	829	19	1069	1313	7871	1914	7849	362	6060	429	779	141	381
5	1995-1996	27	883	25	1109	1517	9035	1871	7524	345	6546	430	789	134	394
6	1996-1997	28	944	29	1249	1542	9121	1803	7596	326	6545	414	740	138	428
7	1997-1998	28	841	28	1206	1598	8868	1839	7088	305	7041	417	641	135	455
8	1998-1999	28	891	34	1321	1672	9342	1881	7396	302	6513	425	683	139	508
9	1999-2000	30	959	30	1340	1611	8710	1849	6867	272	6027	420	782	142	433
10	2000-2001	29	837	29	1222	1675	8535	1822	6559	226	4477	436	1080	113	285
11	2001-2002	29	880	31	1208	1737	9132	1863	6238	225	5073	396	717	110	349
12	2002-2003	25	829	40	1345	1673	7667	1985	5936	205	4544	355	583	128	327
13	2003-2004	12	831	31	1285	1641	7630	2003	5998	269	5387	290	732	66	326
		Source : Season and Crop Report 1981-82 to 2002-03 Directorate of Agriculture, Gujarat State, Gandhinagar Statistical Abstract of India, 1984, 1985, 1986, 1987, 1988, 1992, 1997, 2004 Indian Agriculture in Brief for the year 2002-03													

STATEMENT NO : 31**Area Irrigated Under Different Principal Crops
Gujarat - India, 1981-82 to 2003-04***(Area In '000 Hectares)*

Sr No	Year	Cereals							
		Rice		Wheat		Jowar		Bajri	
		Gujarat	India	Gujarat	India	Gujarat	India	Gujarat	India
1	2	3	4	5	6	7	8	9	10
1	1981-1982	232	16964	497	15547	12	829	32	628
2	1985-1986	249	17702	353	17472	9	689	35	708
3	1991-1992	339	20178	411	19562	10	585	34	813
4	1994-1995	395	21391	635	22035	13	559	28	784
5	1995-1996	407	21468	469	21539	12	505	21	780
6	1996-1997	412	22191	525	22373	11	467	16	771
7	1997-1998	439	22116	570	22922	11	502	16	793
8	1998-1999	434	23405	533	23686	11	480	12	791
9	1999-2000	425	24525	423	24159	10	445	12	812
10	2000-2001	376	23941	330	22597	12	517	11	848
11	2001-2002	371	23894	394	23022	13	423	9	808
12	2002-03	329	21361	403	22392	9	768	20	765
13	2003-04	414	22457	642	23991	13	735	20	684

STATEMENT NO : 31(cont.)**Area Irrigated Under Different Principal Crops
Gujarat - India, 1981-82 to 2003-04***(Area In '000 Hectares)*

Sr. No	Year	Maize		Sugarcane		Cotton		All Crops	
		Gujarat	India	Gujarat	India	Gujarat	India	Gujarat	India
		11	12	13	14	15	16	17	18
1	1981-1982	20	1147	117	2759	462	2204	2523	51554
2	1985-1986	20	1101	123	2520	513	2213	2381	54885
3	1991-1992	29	1321	173	3612	337	2591	2880	65680
4	1994-1995	38	1257	222	3641	474	2727	3655	70646
5	1995-1996	41	1384	251	3901	530	3196	3499	71352
6	1996-1997	41	1317	232	3911	573	3279	3642	73246
7	1997-1998	44	1319	225	3835	630	3284	3780	73007
8	1998-1999	45	1362	243	4097	652	3348	3841	75954
9	1999-2000	42	1485	255	4126	631	3130	3627	77992
10	2000-2001	28	1496	257	4219	662	2794	3342	74286
11	2001-2002	24	1368	266	4216	715	3095	3573	76268
12	2002-03	32	1358	252	4406	738	2567	3637	73545
13	2003-04	34	1380	267	4091	757	2601	4111	77997

Source : (1) Season and crop Report 1981-82 to 2003-04, Directorate of Agriculture, Gujarat State, Gandhingar

(2) Statistical Abstract of India. 1984,1985,1986,1987,1988,1992, 1997,2004,2005 & 2006.

STATEMENT NO : 32**Area Irrigated by Source Gujarat - India 1981-82 to 2003-04***(Area in '000 Hectares)*

Sr No	Year	Canal				Tank				Well & Tubewells			
		Gujarat	%	India	%	Gujarat	%	India	%	Gujarat	%	India	%
1	1	2	3	4	5	6	7	8	9	10	11	12	13
1	1981-1982	421	19.53	15197	38.06	40	1.86	3581	8.97	1690	78.39	18549	46.46
2	1985-1986	359	17.60	15879	38.02	25	1.23	3070	7.35	1653	81.03	20165	48.29
3	1991-1992	470	19.82	17791	35.68	26	1.10	2991	6.00	1868	78.79	26037	52.21
4	1994-1995	593	19.75	17280	32.60	35	1.17	3276	6.18	2366	78.81	28912	54.55
5	1995-1996	574	19.83	17120	32.06	42	1.45	3118	5.84	2267	78.33	29697	55.61
6	1996-1997	732	20.10	17262	31.36	34	0.93	3343	6.07	2871	78.83	30818	55.98
7	1997-1998	780	20.63	17612	32.03	36	0.95	2743	4.99	2958	78.25	31585	57.44
8	1998-1999	711	18.51	17708	31.02	31	0.81	2939	5.15	3069	79.88	33158	58.09
9	1999-2000	583	16.07	16561	29.18	20	0.55	2574	4.53	3000	82.71	34581	60.92
10	2000-2001	394	11.79	15711	28.65	18	0.54	2518	4.59	2920	87.37	33774	61.59
11	2001-2002	429	14.33	15240	26.89	14	0.47	2179	3.84	3120	104.21	34906	61.59
12	2002-2003	419	13.76	14069	26.16	15	0.49	1802	3.35	3187	104.63	34250	63.69
13	2003-2004	684	20.19	14650	25.88	28	0.83	1908	3.37	3373	99.56	35779	63.19

STATEMENT No : 32 (Cont.)

Area Irrigated by Source Gujarat - India 1981-82 to 2003-04

(Area in '000 Hectares)

Sr No	Year	Other Source				Net Irrigated Area				Gross Irrigated Area		Net Area Shown		Gross Area Shown	
		Gujarat	%	India	%	Gujarat	%	India	%	Gujarat	India	Gujarat	India	Gujarat	India
1	1	14	15	16	17	18	19	20	21	22	23	24	25	26	27
1	1981-1982	5	0.23	2597	6.50	2156	100.00	39924	100.00	2523	51554	9670	142003	10903	177042
2	1985-1986	3	0.15	2646	6.34	2040	100.00	41760	100.00	2381	53978	9402	140922	10439	177334
3	1991-1992	7	0.30	3048	6.11	2371	100.00	49867	100.00	2880	65680	9347	141408	10558	182728
4	1994-1995	8	0.27	3533	6.67	3002	100.00	53001	100.00	3655	70646	9665	142960	11245	188053
5	1995-1996	11	0.38	3467	6.49	2894	100.00	53402	100.00	3499	71352	9667	142197	10996	187471
6	1996-1997	5	0.14	3626	6.59	3642	100.00	55049	100.00	3642	73246	9655	142813	11056	189592
7	1997-1998	6	0.16	3045	5.54	3780	100.00	54985	100.00	3780	73007	9730	142083	11213	190570
8	1998-1999	31	0.81	3272	5.73	3842	100.00	57077	100.00	3841	75954	9723	142581	11200	193034
9	1999-2000	24	0.66	3046	5.37	3627	100.00	56762	100.00	3627	77992	9499	141104	10702	190321
10	2000-2001	10	0.30	2831	5.16	3342	100.00	54834	100.00	3342	74286	9490	141101	10497	187009
11	2001-2002	9	0.30	4347	7.67	2994	100.00	56672	100.00	3573	78732	9678	141451	10791	189708
12	2002-2003	16	0.53	3657	6.80	3046	100.00	53778	100.00	3637	73545	9481	132692	10631	175618
13	2003-2004	27	0.80	4281	7.56	3388	100.00	56618	100.00	4112	77998	9852	140971	11421	190200

Source : (1) Season and Crop Report 1981-82 to 2002-03 Directorate of Agriculture, Gujarat State, Gandhinagar

(2) Statistical Abstract of India, 1984, 1985, 1986, 1987, 1988, 1992, 1997, 2004