

CONTENTS

	<i>Pages</i>
Foreward	
Himachal at a Glance	(i)—(ii)
Introduction	(iii)—(iv)
SUMMARY TABLES	
A—Classification of Area	.. 1—25
B—Sources of Water Supply and Area irrigated therefrom	.. 27
C—Area of Crops irrigated	.. 28
D—Area under all crops	.. 29—30
E—Average yield per hectare, condition of the crop and the total outturn of crops	.. 31—32
F—Farm Prices	.. 33—36
G—Agricultural Wages	.. 37—40
H—Number and Livestock, Poultry, Agricultural Machinery and Implements	.. 41
DETAILED TABLES	
I. Rainfall	
II. Classification of Area	.. 42
III. A. Sources of Water Supply and Area irrigated therefrom	.. 45—46
B. Area of crops irrigated	.. 47—48
IV. A. Area under food crops	.. 49—50
B. Area under non-food crops	.. 51—54
V. Details of cropped area	.. 55—62
V-A. Standard yield per hectare and actual yield per hectare	.. 63—68
B. Total outturn of crops	.. 69—70
VI. Farm Prices	.. 71—78
VII. Agricultural Wages	.. 79—84
VIII. Number of Livestock, Poultry, Agricultural Machinery and Implements	.. 85—86
	.. 87—92
	.. 93—96

FOREWORD ✓

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I would like to place on record my feeling of satisfaction of the collection work done by the Deputy Commissioners, Sub-Divisional Officers (Civil), Tehsildars, Naib-Tehsildars and in fact the entire revenue field agency from Patwari onwards. My appreciation is also due to the Statistical Assistants posted in the Deputy Commissioners offices who are directly associated with this work and have taken the responsibility of preparing the district reports in time. Special mention for the valuable guidelines provided by Shri R. L. Seth, Joint Director of Land Records H.P. also needs to be added herein.

At the State headquarters the report was prepared by Shri Laiq Ram Sharma, Statistical Assistant within a short interval. With the publication of this report, there will be no backlog of preparing these reports and it is hoped that in future all reports will be released without delay. The preparation of the report was done under the scrutiny and supervision of Shri Santosh Raj Sharma, Statistician.

The presentation of report in more analytical and comprehensive form is owing to the pains-taking efforts of Dr. B. P. Singh, Director of Agricultural Census, who is also the over all incharge of Statistical Cell of this Directorate. It is hoped that the publication would be of great use to the Government offices, planners and research workers alike.

Dated 1-7-1986

H. S. ATWAL I.A.S
*Director of Land Records,
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SUMMARY TABLES

A—Classification of Area

(In hectares)

Heads of classification 1	1980-81		1981-82		1982-83	
	Area 2	% of total 3	Area 4	% of total 5	Area 6	% of total 7
Total Geographical Area :						
By Professional Survey ..	55,67,300	100	55,67,300	100	55,67,300	100
Reporting area for land utilisation purposes (By Village Papers) ..	29,85,234	54	30,89,435	55	31,13,429	56
Classifications :						
Forests ..	8,06,818	27	8,10,811	26	8,08,616	26
Barren and unculturable land ..	1,41,370	5	1,42,449	5	1,43,606	5
Land put to non-agricultural uses ..	1,61,849	5	1,18,900	4	1,63,480	5
Culturable waste ..	2,37,719	8	2,41,041	8	2,38,971	8
Permanent pastures and other grazing lands ..	9,85,866	33	11,05,176	36	10,88,917	35
Land under Misc. tree crops and groves not included in area sown ..	39,476	1	41,134	1	41,426	1
Current fallows ..	41,359	1	43,916	1	43,065	1
Other fallow land ..	12,612	1	13,164	—	13,940	—
Net area sown ..	5,72,165	19	5,72,844	19	5,71,408	19
Area sown more than once ..	3,74,249	—	3,76,230	—	3,86,454	—
Total cropped area ..	9,46,414	—	9,49,074	—	9,57,862	—

(In hectares)

Heads of classification 1	1983-84		1984-85	
	Area 8	% of total 9	Area 10	% of total 11
Total Geographical Area :				
By Professional Survey ..	55,67,300	100	55,67,300	100
Reporting area for land utilisation purposes (By Village Papers) ..	31,85,703	57	32,15,375	58
Classifications :				
Forests ..	8,62,061	27	8,74,331	27
Barren and unculturable land ..	1,65,345	5	1,59,347	5
Land put to non-agricultural uses ..	1,76,848	6	2,06,225	6
Culturable waste ..	1,29,273	4	1,30,004	4
Permanent pastures and other grazing lands ..	11,61,184	36	11,57,638	36
Land under Misc. tree crops and groves not included in area sown ..	39,379	1	40,225	1
Current fallows ..	44,579	2	53,377	2
Other fallow land ..	14,485	—	14,203	—
Net area sown ..	5,92,549	19	5,80,025	19
Area sown more than once ..	3,78,718	—	4,08,036	—
Total cropped area ..	9,71,267	—	9,88,061	—

SUMMARY TABLES—contd.

B—Sources of Water Supply and Area Irrigated therefrom

(In hectares)

	1980-81	1981-82	1982-83	1983-84	1984-85
1	2	3	4	5	6
(i) Specification of Sources :					
Private Kuhls—					
Number ..	—	—	—	—	3,940
Length in kilometre ..	—	—	—	—	5,261
Government canals—					
Number ..	1	1	1	1	291
Length in kilometre ..	10	10	10	10	228
Tubewells—					
Government ..	70	116	134	156	166
Private ..	476	791	985	1,101	1,152
Total ..	546	907	1,119	1,257	1,378
No. of other Government wells used for irrigation purposes only—					
Masonry ..	—	—	—	25	19
Non-masonry ..	—	—	—	29	26
No. of other private wells used for irrigation purposes only—					
Masonry ..	4,275	4,275	4,275	963	1,016
Non-Masonry ..	80	80	80	1,073	1,075
No. of total wells in use for irrigation purposes ..	4,335	4,335	4,535	2,090	2,136
No. of wells used for domestic purposes only ..	—	—	—	2,835	2,838
No. of wells not in use ..	—	—	—	497	547
No. of reservoirs ..	—	69	69	120	111
No. of Tanks—					
With Ayacut 100 hectares or more ..	—	23	23	3	15
With Ayacut less than 100 hectares ..	127	265	365	358	443
Total ..	127	288	388	361	458
No. of oil engines ..	149	524	1,177	1,177	233
(ii) Net Area irrigated by—					
Government canals ..	1,469	1,510	1,690	3,034	7,246
Private canals ..	—	—	—	—	—
Tanks ..	331	623	549	576	717
Wells ..	2,428	4,207	5,982	4,168	3,251
Other sources kuhls ..	87,590	85,978	84,364	86,383	83,830
Total ..	91,818	92,318	92,585	94,161	95,044

SUMMARY TABLES—contd.

B—Sources of Water Supply and Area Irrigated therefrom—contd.

(In hectares)

	1980-81	1981-82	1982-83	1983-84	1984-85
1	2	3	4	5	6
Percent of net area irrigated to net area sown ..	17%	16%	16%	16%	16%
Area irrigated more than once in the same year (in hectares) ..	64,050	68,689	66,468	70,906	73,963
Total gross area of crops irrigated (in hectares) ..	1,55,868	1,61,007	1,59,053	1,65,067	1,69,007
Percentage of total irrigated area to total sown area ..	16%	17%	17%	17%	17%
Number of wells having independent ayacuts ..	—	—	—	—	—
Number of wells supplementary recognised sources of irrigation ..	—	—	—	—	—
Percentage of area irrigated by wells having independent ayacuts to the total area irrigated ..	—	—	—	—	—

SUMMARY TABLES—contd.

C—Area of Crops Irrigated

Crops 1	(In hectares)				
	1980-81 2	1981-82 3	1982-83 4	1983-84 5	1984-85 6
(i) Food Crops:					
Rice—					
Autumn	—	—	—	—	—
Winter	—	—	—	—	—
Summer	50,525	51,901	49,100	53,041	51,664
Total	50,525	51,901	49,100	53,041	51,664
Wheat	56,700	59,560	61,434	60,382	65,176
Jowar—					
Rabi	—	—	—	—	—
Kharif	—	—	—	—	3
Total	—	—	—	—	3
Bajra	5	16	12	5	8
Barley	5,522	5,709	5,430	5,141	4,763
Maize	17,470	19,968	19,058	21,723	21,365
Ragi	467	401	383	371	444
Italian millets	8	—	—	—	—
Kodo	1	1	—	—	1
Little millets	—	—	—	—	367
Common millets	1,160	3,327	2,703	2,902	1,908
Total cereals	1,31,858	1,40,883	1,38,196	1,43,565	1,45,699
Green gram	3	44	426	13	23
Gram	505	415	208	245	238
Horse gram	83	141	100	162	217
Masur	268	194	292	191	255
Total Pulses	859	794	1,028	611	733
Sugarcane	581	592	738	928	820
Potatoes	2,969	2,804	2,476	2,613	2,809
Misc. food crops	8,180	5,545	5,915	6,798	7,829
Cardamoms	—	—	—	—	—
Chillies	281	171	235	188	166
Ginger	974	912	888	951	1,046
Others	150	137	106	106	81
Turmeric	16	15	6	7	8
Total food crops	1,45,868	1,51,853	1,49,586	1,55,767	1,59,191
(ii) Non-Food Crops:					
Cotton—					
Deai	99	83	166	126	71
American	2	7	1	1	2
Total	101	90	167	127	73

SUMMARY TABLES—contd.

C—Area of Crops Irrigated—concl'd.

(In hectares)

Crops 1	1980-81 2	1981-82 3	1982-83 4	1983-84 5	1984-85 6
Jute	—	—	—	—	—
San Hemp	—	18	9	12	4
Groundnut	29	78	71	81	87
Coconut	—	—	—	—	—
Sesamum	99	205	193	282	226
Rape	38	68	116	126	77
Mustard	345	361	386	306	451
Linseed	4,721	5,090	4,774	4,443	4,597
Castor	—	6	—	—	—
Indigo	—	—	—	—	—
Rubber	—	—	—	—	—
Tobacco	181	70	47	24	27
Coffee	—	—	—	—	—
Tea	2,468	1,308	1,328	1,480	—
Indian Hemp	1	—	—	—	—
Others	—	—	—	—	215
Cardamoms Opium	1	—	—	—	—
Fodder crops	1,975	1,783	2,285	2,273	2,902
Misc. non-food crops	18	77	91	146	1,155
Total non-food crops	10,000	9,154	9,467	9,300	9,816
Total irrigated crops	1,55,868	1,61,007	1,59,053	1,65,067	1,69,007

SUMMARY TABLES—contd.

D—Area under all Crops

(In hectares)

Crops 1	1980-81 2	1981-82 3	1982-83 4	1983-84 5	1984-85 6
Paddy Rice—					
Autumn	—	—	—	—	—
Winter	—	—	—	—	—
Summer	93,310	91,278	90,531	94,667	94,763
Total	93,310	91,278	90,531	94,667	94,763
Wheat	3,50,789	3,65,655	3,75,906	3,76,263	3,85,813
Jowar—					
Rabi	—	—	—	—	38
Kharif	—	55	1,216	153	116
Total	—	55	1,216	153	154
Bajra	95	84	63	17	56
Barley	36,593	35,889	37,742	34,645	32,643
Maize	2,85,900	2,77,886	2,88,283	2,98,257	3,07,575
Ragi	11,981	9,845	8,655	8,235	7,884
Italian millets	795	—	—	—	415
Kodo	14	—	—	—	—
Other millets	—	—	—	—	581
Little & Common millets	21,588	24,198	22,628	21,941	19,335
Other Cereals—					
Kharif	—	—	—	—	—
Rabi	—	—	—	—	—
Total	—	—	—	—	—
Total cereals	8,01,065	8,04,890	8,25,024	8,34,178	8,49,219
Gram	16,127	10,153	3,942	4,146	3,912
Green gram	51	62	145	127	82
Red gram	756	570	31	168	325
Black gram	23,556	22,605	23,092	22,700	23,543
Horse gram	7,627	7,588	7,642	7,852	7,660
Masur	2,158	2,284	2,557	1,890	1,859
Other pulses—					
Kharif	3,330	8,557	3,691	4,383	4,166
Rabi	1,979	2,838	1,849	2,180	2,054
Total	5,309	11,395	5,540	6,563	6,220
Total pulses	55,584	54,657	42,949	43,446	43,601
Total Foodgrains	8,56,649	8,59,547	8,67,973	8,77,624	8,92,820
Sugar crops—					
Sugarcane	3,114	2,885	3,316	3,683	3,359
Other sugar crops	—	—	—	—	—
Total	3,114	2,885	3,316	3,683	3,359

SUMMARY TABLES—contd.

D—Area under all Crops—contd.

(In hectares)

Crops 1	1980-81 2	1981-82 3	1982-83 4	1983-84 5	1984-85 6
Fresh Fruits—					
Apples	20,306	17,277	19,969	23,173	22,352
Grapes	14	18	202	11	9
Bananas	90	122	472	145	140
Citrus fruits	240	104	86	2,034	122
Mangoes	795	361	194	136	4,205
Peaches and pears	1,226	509	151	171	140
Other fresh fruits	1,948	5,878	7,407	4,278	4,450
Total fresh fruits	24,619	24,269	28,481	29,948	31,418
Dry fruits—					
Cashew nuts	—	—	—	—	—
Other dry fruits	223	295	285	380	418
Total dry fruits	223	295	285	380	418
Vegetables—					
Potatoes	16,755	15,243	13,347	13,870	13,739
Taploca	—	—	—	—	—
Sweet potatoes	352	352	232	209	—
Onions	745	772	634	497	635
Others—					
Winter	1,686	1,121	3,112	4,135	4,174
Summer	3,890	4,262	3,931	3,451	3,768
Total	5,576	5,383	7,043	7,586	7,942
Total vegetables	24,089	21,750	21,231	22,162	22,376
Total fruits and vegetables	48,931	46,314	49,997	52,490	54,152
Other Misc. food crops	132	51	—	102	1,489
Condiments and Spices—					
Betelnuts	—	—	—	—	—
Cardamoms	—	—	—	—	—
Chillies	941	826	890	824	849
Ginger	2,052	1,867	1,906	1,733	2,062
Pepper	—	—	—	—	—
Turmeric	70	69	52	73	34
Other condiments and spices	345	377	285	391	220
Total condiments and spices	3,408	3,139	3,133	3,021	3,166
Fibres					
Cotton—					
Desi	—	—	—	—	383
American	—	—	—	656	90
Total	—	—	—	656	473
Jute	—	—	—	—	—
Sun-hemp	—	—	—	229	303
Other Fibres	—	—	—	1	146
Total Fibres	—	—	—	886	922

SUMMARY TABLES—contd.

D—Area under all Crops—contd.

(In hectares)

Crops 1	1980-81 2	1981-82 3	1982-83 4	1983-84 5	1984-85 6
Non-Food Crops:					
Edible Oilseeds—					
Groundnut ..	1,277	1,525	1,439	882	837
Coconut ..	—	—	—	—	—
Sesamum ..	7,992	6,496	7,951	8,296	8,044
Rape ..	1,149	271	619	669	259
Mustard ..	5,922	6,259	6,472	6,243	5,860
Other edible oil seeds ..	1,041	2,224	815	765	1,151
Total edible oil seeds ..	17,381	16,775	17,296	16,855	16,151
Non-edible oil seeds—					
Linseed ..	5,127	5,472	5,200	4,747	5,132
Castor ..	4	—	219	—	—
Other non-edible oilseeds ..	375	937	517	51	24
Total non-edible oilseeds ..	5,506	6,409	5,936	5,052	5,156
Total oilseeds ..	22,887	23,184	23,232	21,907	21,307
Dyes and Tanning Materials—					
Indigo ..	—	—	—	—	—
Other dyes and tanning materials ..	—	—	—	—	—
Total dyes and tanning materials ..	—	—	—	—	—
Rubber					
—	—	—	—	—	—
Drugs and Narcotics—					
Tobacco ..	425	288	248	214	227
Coffee ..	—	—	—	—	—
Tea ..	3,280	3,124	2,418	3,215	3,082
Indian Hemp ..	—	—	156	155	—
Opium ..	1	8	16	—	—
Cinchona ..	—	—	—	—	—
Other drugs and narcotics ..	32	50	19	6	141
Total drugs and narcotics ..	3,738	3,470	2,857	3,590	3,450
Fodder Crops					
—	—	—	—	—	—
Other Misc. non-food crops ..	6,622	9,552	6,432	7,752	7,349
				212	45
Total non-food crops ..	34,180	37,138	33,443	34,347	33,073

SUMMARY TABLES—contd.

D—Area under all Crops—concl.

(In hectares)

Crops 1	1980-81 2	1981-82 3	1982-83 4	1983-84 5	1984-85 6
Gross cropped area—					
Kharif					
Food crops ..	4,93,287	4,79,811	4,93,911	5,09,881	8,26,645
Non-food crops ..	18,526	16,590	16,388	17,515	17,378
Rabi					
Food crops ..	4,18,947	4,32,125	4,30,508	4,27,039	4,28,342
Non-food crops ..	15,654	20,548	17,055	16,832	15,648
Total food crops ..	9,12,234	9,11,936	9,24,419	9,36,920	9,54,986
Total non-food crops ..	34,180	37,138	33,443	34,347	33,073
Grand Total ..	9,46,414	9,49,074	9,57,862	9,71,267	9,88,059
Area cropped more than once ..	3,74,249	3,76,230	3,86,454	3,78,718	4,08,024
Net cropped area ..	5,72,165	5,72,844	5,71,408	5,92,549	5,80,025
Cropped area of forecast crops—					
Failed ..	51,746	2,16,114	3,74,726	6,16,573	3,75,733
Matured ..	8,28,347	7,32,960	5,38,136	3,54,734	7,97,448
Total gross un-adjusted area under various crop mixtures ..	—	—	—	—	14,878

SUMMARY

E—Average yield per hect condition of the

Crops 1	1980-81		1981-82	
	Average yield 2	Total outturn 3	Average yield 4	Total outturn 5
Rice—				
Autumn ..	—	—	—	—
Winter ..	—	—	—	—
Summer ..	1,122	1,03,993	1,040	93,390
Total ..	1,122	1,03,993	1,040	93,390
Wheat ..	1,265	4,42,618	1,216	4,46,881
Jowar—				
Rabi ..	—	—	—	—
Kharif ..	—	327	—	18
Total ..	—	327	—	18
Bajra ..	463	44	143	12
Barley ..	1,418	52,369	1,147	41,045
Maize ..	1,812	5,17,973	1,608	4,47,046
Ragi ..	754	9,034	600	5,908
Common and little millets ..	564	12,590	395	12,074
Other cereals ..	—	—	—	—
Total cereals ..	—	11,38,621	—	10,46,374
Gram ..	315	5,085	522	3,082
Other pulses (Kharif and Rabi) ..	—	1,082	—	4,675
Green Gram ..	392	20	290	18
Red Gram ..	426	322	426	243
Black Gram ..	374	8,817	248	5,619
Horse Gram ..	353	2,695	321	2,034
Masur ..	423	786	355	1,162
Total Pulses ..	—	18,807	—	16,833
Total Foodgrains ..	—	11,57,428	—	10,63,207
Sugarcane ..	1,416	4,410	1,203	2,341
Potatoes ..	4,120	54,882	3,789	59,719
Chillies ..	248	233	201	130
Ginger ..	1,040	2,143	1,296	607
Turmeric ..	528	37	465	24
Cardamom ..	—	—	—	—
Pepper ..	—	—	—	—
Other Condiments & Spices ..	—	—	—	—
Total Food Crops ..	—	12,19,133	—	11,26,055

TABLES—contd.

Crop and the total outturn of Crops—contd.

Crops	1982-83		1983-84		1984-85	
	Average yield 6	Total outturn 7	Average yield 8	Total outturn 9	Average yield 10	Total outturn 11
Rice—						
Autumn ..	—	—	—	—	—	—
Winter ..	—	—	—	—	—	—
Summer ..	825	75,335	1,202	1,13,826	1,237	1,17,227
Total ..	825	75,335	1,202	1,13,826	1,237	1,17,227
Wheat ..	1,184	4,43,361	807	3,03,405	696	2,69,489
Jowar—						
Rabi ..	—	—	—	—	—	26
Kharif ..	127	154	379	58	—	—
Total ..	127	154	379	58	—	37
Bajra ..	222	14	176	3	—	63
Barley ..	1,255	45,974	988	33,200	—	14
Maize ..	1,388	4,01,597	1,993	5,93,953	851	27,263
Ragi ..	688	5,957	865	7,128	1,897	5,71,635
Common and little millets ..	341	7,728	559	12,271	467	8,682
Other cereals ..	—	—	—	—	—	—
Total cereals ..	—	9,80,120	—	10,63,844	—	10,00,039
Gram ..	394	1,552	214	405	398	428
Other pulses (Kharif and Rabi) ..	—	1,658	—	3,090	—	2,574
Green Gram ..	241	35	314	40	295	21
Red Gram ..	258	8	292	49	338	12
Black Gram ..	193	4,459	310	—	250	3,297
Horse Gram ..	165	1,260	284	2,228	244	1,288
Masur ..	301	771	—	—	257	494
Total Pulses ..	—	9,741	—	13,537	—	8,114
Total Foodgrains ..	—	9,89,861	—	10,77,381	—	10,08,153
Sugarcane ..	904	2,998	1,029	4,790	1,284	4,828
Potatoes ..	2,348	31,281	3,976	55,143	3,916	46,269
Chillies ..	153	136	221	182	230	134
Ginger ..	280	535	409	710	1,634	1,376
Turmeric ..	365	19	329	24	—	15
Cardamom ..	—	—	—	—	—	2
Pepper ..	—	—	—	—	—	—
Other Condiments & Spices ..	—	27	—	—	—	257
Total Food Crops ..	—	10,24,830	—	11,38,230	—	10,61,034

SUMMARY

E—Average yield per hect condition of the

Crops	1980-81		1981-82	
	Average yield 2	Total outturn 3	Average yield 4	Total outturn 5
1				
Non-Food Crops—				
Coconut ..	—	—	—	—
Sesamum ..	322	2,577	234	2,200
Rape ..	227	264	329	111
Mustard ..	239	1,415	305	1,800
Linseed ..	433	2,222	183	703
Other Non-Food ..	—	—	—	—
Groundnut ..	1,071	1,368	481	882
Indigo ..	—	—	—	—
Rubber ..	—	—	—	—
Tobacco ..	478	203	539	122
Coffee ..	—	—	—	—
Tea ..	207	676	—	729
Hemp ..	—	—	—	—
Cotton—				
Desi ..	473	1,117 Bales	368	873 Bales
American ..	—	—	—	—
Jute ..	—	—	—	—
Sanhemp ..	—	—	—	—
Hemp ..	486	152	502	119
Total Non-Food Crops ..	—	8,877	—	7,076
Total Food and Non-Food Crops ..	—	12,28,010	—	11,33,131

TABLES—contd.

Crop and total outturn of Crops—concl.

1982-83		1983-84		1984-85	
Average yield 6	Total outturn 7	Average yield 8	Total outturn 9	Average yield 10	Total outturn 11
—	—	—	—	—	—
183	1,455	277	2,301	—	1,380
354	219	142	159	340	68
185	1,195	142	826	200	434
285	1,484	302	1,313	185	1,130
—	410	—	—	—	16
134	193	1,079	952	640	855
—	—	—	—	—	—
—	—	—	—	—	—
391	97	392	84	370	54
—	—	—	—	—	—
—	—	395	1,077	350	516
—	—	—	—	—	130
—	—	—	—	—	101
270	1,043	241	931	376	1096 88 Bales Bales
—	—	—	Bales	332	—
—	—	463	106	306	130
389	103	463	—	—	—
—	5,220	—	6,827	—	4,772
—	10,30,050	—	11,45,057	—	10,65,806

SUMMARY TABLES—contd.

F—Farm prices of Principal Crops

(In rupees per quintal)

1	1980-81 2	1981-82 3	1982-83 4	1983-84 5	1984-85 6
Rice	171.79	180.60	213.55	224.26	212.20
Wheat	150.90	165.73	193.85	184.55	208.33
Jowar	200.00	200.00	225.10	250.00	250.00
Bajra	—	—	216.66	250.00	200.00
Barley	147.05	151.34	174.30	162.47	190.00
Gram	384.23	360.57	378.05	419.13	558.00
Maize	128.90	141.71	159.03	168.40	160.00
Cotton	838.33	887.92	1066.75	1117.00	1187.75
Jute	—	—	—	—	—
Sugarcane, Gur	319.67	264.47	262.00	286.00	292.66
Groundnut	—	397.69	456.66	657.75	754.00
Castorseed	—	—	—	—	—
Linseed	383.50	480.17	478.33	528.08	590.14
Rape seed	459.95	525.30	520.75	649.12	909.40
Mustard	454.97	557.85	—	626.65	653.77
Sesamum	460.73	598.37	618.05	689.51	720.80
Tobacco	346.85	507.85	329.25	471.72	504.40
Ginger	329.14	521.31	473.05	564.69	497.50
Pepper	—	—	—	—	—

SUMMARY TABLES—contd.

G—Agricultural Wages

(In Rupees)

Months and year	Skilled Labour					Herds- men
	Carpenters	Black- smiths	Cobblers	Field Labour	Other Agr. Labour	
1984-85—						
July ..	23.30	21.42	20.00	13.70	12.60	10.95
August ..	23.30	21.42	20.00	13.70	12.60	10.95
September ..	23.80	21.70	20.45	13.35	13.75	11.00
October ..	23.20	21.45	20.00	14.95	12.60	11.00
November ..	23.30	22.15	20.00	15.00	12.60	12.20
December ..	23.30	21.50	20.00	15.95	12.60	11.05
January ..	23.95	21.67	20.75	15.40	12.79	11.98
February ..	23.95	21.67	21.00	15.52	12.92	12.11
March ..	23.95	21.67	21.00	15.54	12.92	12.11
April ..	23.95	21.95	21.00	15.54	12.92	12.15
May ..	24.05	21.72	20.85	15.54	12.82	12.15
June ..	24.16	21.73	20.89	14.66	12.96	12.18
Average for the year ..	23.68	21.61	20.50	14.92	12.86	11.65
1983-84—						
July ..	22.63	20.81	19.54	12.68	12.20	10.51
August ..	22.71	20.88	17.53	12.72	12.27	11.76
September ..	22.81	20.83	17.45	12.59	12.22	11.67
October ..	22.77	20.90	16.34	12.65	12.06	12.56
November ..	23.09	21.08	19.27	12.79	11.95	11.67
December ..	23.26	21.26	16.42	12.70	12.11	11.60
January ..	23.22	21.37	17.59	12.79	12.17	11.82
February ..	23.25	21.37	17.22	12.79	12.06	11.51
March ..	23.58	21.49	18.13	12.65	12.29	11.73
April ..	23.25	21.31	17.86	12.93	12.29	14.06
May ..	23.36	21.48	17.91	12.93	12.29	11.82
June ..	23.73	21.66	16.82	12.84	12.20	11.71
Average for the year ..	23.15	21.20	17.71	12.75	12.17	11.87

HIMACHAL AT A GLANCE ✓

		Year 1984-85.
		Hectares
1. Total Area	By Survey General of India.	55,673sq. km.
	By village pepers area	32,15,375
2. Forests		8,74,331
3. Total cropped area		9,88,059
4. Net area sown		5,80,025
5. Gross irrigated area		1,69,007
6. Percentage to the gross cropped area		17.2
7. Net area irrigated		95,044
8. Percentage to net are a sown		16%
9. Intensity of cropping		170.4
10. Total outturn of food crops		10,61,034M.T.
11. Total outturn of non-food crops		4,772,
12. Total population 1981 Census:		

	Total	Rural	Urban
Persons	42,80,818	39,54,847	3,25,971
Males	21,69,931	19,88,331	1,81,600
Females	21,10,887	19,66,516	1,44,371
13. Density of population per sq. km. (1981)			77
14. Decennial growth rate (1971-81)			23.71%
15. Sex ratios (number of Females per one thousand one thousand males).			973
16. Birth rate per thousand (1981)			31.5
17. Death rate per thousand (1981)			10.4
18. Number of households			7,83,974
19. Literacy rate			42.48
20. Percentage of Rural population			92.39 %
21. Percentage to total population:—			
(i) Main Workers			34.36
(ii) Non-workers			57.63
22. Percentage of scheduled castes			24.62
23. Percentage of scheduled tribes			4.61
24. Number of Districts			12
25. Number of Sub-Divisions			41
26. Number of Tehsils			58
27. Number of Sub-Tehsils			25
28. Number of patwar circles			1,906
29. Number of Kanungo circles			185
30. Number of Villages (1981) Census:—			
Total			18,721
Inhabited			16,807
Uninhabited			1,914
31. Total livestock population (based on Thirteenth livestock census, 1982) .			49,88,540

32. Total poultry		4,61,285
33. Plough (Wooden & Steel).		6,24 lakhs
34. Total Number of operational holdings (Agricultural) Census (1980-81).		6,38,081
35. Total area of operational holdings (Agricultural Census 1980-81)		9,80,425 Hectares.
36. Average size of holdings		1.5hec.
37. Percentage of Marginal farmers (upto one Hect.)	No.	Area
	52.2	14.9
38. Percentage of small farmers (1.0- 2.0 hect).	22.0	20.4
39. Percentage of semi medium farmers (2.0-4.0 hect)	15.1	27.1
40. Percentage of medium (4.0-10.0 hect.)	6.6	24.9
41. Percentage of large (10-0 & above)	1.1	12.7
42. Percentage of S/C.	24.4	11.6
43. Percentage of S/T	4.3	3.3
44. Percentage of marginal farmers within S/C	75.5	37.5
45. Percentage of small farmers within S/C	15.9	30.2
46. Percentage of marginal farmers with in S/T.	61.0	22.9
47. Percentage of small farmers within S/T	22.3	27.4
48. Average No. of parcels per holding (input survey 1981-82)		5.89Nos.
49. Average area per parcel (input survey)		0.26hec.
50. Average intensity of cropping 1984-85		170.4 per cent

SUMMARY TABLES—concl'd.

H—Number of Livestock, Poultry and Agricultural Machinery

1	1977 2	1982 3
Cattle:		
Males over 3 years—		
Breeding bulls	1,037	1,15,348
Other males over 3 years	8,24,351	7,38,462
Females over 3 years—		
Breeding cows	6,80,727	3,37,745
Other cows over 3 years	4,709	3,55,452
Young stock	5,95,396	6,26,656
Total Cattle	21,06,220	21,73,663
Buffaloes:		
Males over 3 years—		
Breeding bulls	3,832	5,184
Other males over 3 years	8,446	7,627
Females over 3 years—		
Breeding cows	3,82,790	2,20,742
Other cows over 3 years	1,707	1,92,853
Young stock	1,63,231	1,90,009
Total Buffaloes	5,60,006	6,16,415
Total Sheep	10,55,005	10,90,322
Total Goats	10,35,337	10,59,862
Total Yaks	—	2,908
Horses and Ponies:		
Males over 3 years	6,068	7,391
Females over 3 years	5,814	6,265
Young stock	2,976	3,014
Total Horses and Ponies	14,858	16,670
Mules	8,216	12,679
Donkeys	6,074	6,613
Camels	872	714
Pigs	5,165	8,107
Total Livestock	47,95,226	49,88,540
Poultry:		
Fowls	3,27,954	4,60,972
Ducks	1,598	198
Others	9	115
Total Poultry	3,29,561	4,61,285
Agricultural Machinery and Implements:		
Plough	5,18,240	6,23,761
Carts	2,822	3,403
Sugarcane Crushers	4,019	2,961
Tractors	397	936
Oil Engines	989	1,177
Electric Pumps	624	585
Ghanis	652	N.A.

TABLE

Rainfall in each District of

District	Winter 1st January to 28th February							
	January		February		Total for the season			No. of rainy days
	Current	Normal	Current	Normal	Total rainfall	Corresponding normal		
	1	2	3	4	5	6	7	
Bilaspur	7.5	74.3	101.5	27.3	109.0	101.6	5.7	
Chamba	47.6	149.0	134.7	97.0	182.3	246.0	10.0	
Hamirpur	4.0	343.9	202.0	117.0	206.0	460.9	5.0	
Kangra	12.6	65.0	122.0	67.3	134.6	132.3	6.0	
Kinnaur	35.7	120.7	48.3	104.3	85.0	225.0	8.7	
Kullu	NA	NA	NA	NA	NA	NA	NA	
Lahaul & Spiti	19.0	43.7	97.5	95.7	116.5	139.4	8.0	
Mandi	8.3	86.3	112.8	50.5	121.1	136.8	6.9	
Shimla	18.5	116.7	124.4	61.2	142.9	177.9	6.3	
Sirmaur	2.8	87.5	81.2	34.6	84.0	122.1	3.6	
Solan	8.0	73.7	134.8	74.2	142.8	147.9	4.4	
Una	3.2	29.5	62.3	76.1	65.5	105.6	4.0	
State Average	15.3	108.2	111.0	73.2	126.3	181.4	6.2	

District	Monsoon 1st June to 30th September										
	June		July		August		September		Total for the season		
	Cur-	Nor-	Cur-	Nor-	Cur-	Nor-	Cur-	Nor-	Total rainfall	Corresponding normal	No. of rainy days
	18	19	20	21	22	23	24	25	26	27	28
Bilaspur	140.7	57.3	189.6	431.9	252.9	297.5	152.8	186.5	736.0	973.2	37.5
Chamba	57.5	76.3	134.7	284.3	107.4	240.9	183.7	152.2	483.3	754.0	29.5
Hamirpur	527.0	89.0	388.0	207.5	723.0	159.5	244.0	54.7	1882.0	510.7	68.0
Kangra	269.2	191.1	418.2	562.0	478.9	443.9	157.3	88.7	1323.6	1285.7	50.0
Kinnaur	6.1	31.2	20.8	75.7	22.1	63.2	14.6	68.9	63.6	239.0	8.9
Kullu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lahaul & Spiti	—	10.2	15.0	25.9	50.0	15.2	52.5	7.8	117.5	59.1	6.5
Mandi	191.3	127.3	230.6	498.3	211.4	411.0	86.8	191.7	720.1	1228.3	45.0
Shimla	115.3	89.7	122.8	328.1	144.4	273.2	77.5	144.8	460.0	835.8	34.5
Sirmaur	195.4	108.1	385.9	531.1	294.6	562.0	136.3	224.6	1012.2	1425.8	41.9
Solan	275.6	202.0	310.3	409.6	194.6	352.2	119.2	168.4	899.7	1132.2	42.8
Una	92.6	55.5	285.8	387.6	422.0	199.3	254.0	109.9	1054.4	752.3	42.0
State Average	170.1	94.3	227.4	340.2	263.8	274.4	134.4	127.1	795.7	836.0	37.0

NO. I

Himachal Pradesh (State) in 1984

(In millimetres)

District	Pre-Monsoon 1st March to 31st May									
	March		April		May		Total for the season			
	Current	Normal	Current	Normal	Current	Normal	Total rainfall	Corresponding normal	No. of rainy days	
	9	10	11	12	13	14	15	16	17	
Bilaspur	16.5	56.3	21.4	13.5	20.3	18.9	58.2	88.7	5.8	
Chamba	33.0	130.1	103.9	71.5	14.4	60.5	151.3	262.1	1.19	
Hamirpur	22.0	132.0	25.0	57.0	3.0	52.0	50.0	241.0	5.0	
Kangra	22.1	75.7	18.1	24.3	0.7	26.1	40.9	126.1	4.0	
Kinnaur	37.3	103.2	88.1	70.9	3.6	66.3	129.0	240.4	11.7	
Kullu	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Lahaul & Spiti	44.5	74.2	68.5	34.3	5.4	37.4	118.4	145.9	9.0	
Mandi	21.7	85.6	41.9	41.8	22.8	50.4	86.4	177.8	10.6	
Shimla	21.1	83.2	34.2	44.2	6.0	55.3	61.3	182.7	7.4	
Sirmaur	5.9	39.1	1.8	11.3	1.4	25.2	9.1	75.6	1.0	
Solan	25.9	64.6	20.1	29.9	4.7	41.0	50.7	135.5	4.0	
Una	23.2	45.4	10.6	13.2	1.0	49.8	34.8	108.4	3.0	
State Average	24.8	80.8	39.4	37.5	7.6	43.9	71.8	162.2	6.6	

District	Post-Monsoon 1st October to 31st December											
	October		November		December		Total for the season			Total for the year		
	Cur-	Nor-	Cur-	Nor-	Cur-	Nor-	Total rainfall	Corresponding normal	Number of rainy days	Total rainfall	Corresponding normal	Total number of rainy days
	29	30	31	32	33	34	35	36	37	38	39	40
Bilaspur	—	80.9	—	8.9	15.4	33.1	15.4	122.9	3.0	918.6	1286.4	51.7
Chamba	0.7	111.8	7.3	29.0	78.5	45.4	86.5	217.0	5.2	903.4	1478.0	56.6
Hamirpur	—	14.0	—	14.0	45.0	11.5	45.0	39.5	3.0	2183.0	1252.1	81.0
Kangra	—	49.9	6.8	16.2	37.7	39.3	44.5	105.4	3.7	1543.6	1649.5	63.7
Kinnaur	2.5	54.3	0.1	13.6	43.3	78.9	45.9	146.8	3.5	323.5	851.2	32.8
Kullu	NA	NA	—	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lahaul & Spiti	—	—	2.5	7.3	71.8	21.3	74.3	28.6	5.5	426.7	372.9	29.0
Mandi	0.4	83.9	0.8	11.5	39.9	41.4	41.1	136.8	3.4	968.7	1679.7	65.9
Shimla	0.9	69.1	1.2	12.3	41.7	48.8	43.8	130.2	3.4	708.0	1326.8	51.8
Sirmaur	—	109.1	—	11.6	10.2	24.7	10.2	145.4	1.0	1115.5	1768.9	47.5
Solan	0.3	8.9	—	22.0	29.3	28.1	29.6	59.0	2.0	1122.8	1474.6	53.2
Una	—	4.4	—	12.8	2.1	17.6	2.1	34.8	—	1156.8	1001.1	49.0
State Average	0.4	53.3	3.7	14.5	37.7	38.2	39.8	106.0	3.1	1033.6	1285.6	52.9

TABLE

Classification of area in each District of

District	Total geographical area		Classification			
	By professional survey	Reporting area for land utilisation purposes (by village papers)	Forests	Barren and unculturable land	Land put to non-agricultural uses	Culturable waste
1	2	3	4	5	6	7
Bilaspur	1,16,700	1,15,470	11,454	6,419	15,165	4,486
Chamba	6,51,500	6,92,419	2,65,158	4,271	13,054	5,342
Hamirpur	1,11,800	1,09,607	20,014	16,607	12,332	12,899
Kangra	5,73,900	5,84,352	2,38,996	48,826	85,265	47,763
Kinnaur	6,55,300	1,55,577	13,379	5,419	10,039	3,483
Kullu	5,50,300	49,170	—	4,371	3,868	2,839
Lahaul & Spiti	13,69,300	2,00,700	12,344	953	1,620	176
Mandi	3,95,100	3,96,163	1,53,918	10,997	11,940	3,975
Shimla	5,13,100	3,52,617	61,874	14,286	12,713	11,099
Sirmaur	2,82,600	2,24,773	48,958	7,180	9,140	13,624
Solan	1,93,700	1,80,328	19,586	8,960	11,207	12,789
Una	1,54,000	1,54,199	28,650	31,058	19,882	11,529
State Total	55,67,300	32,15,375	8,74,331	1,59,347	2,06,225	1,30,004

NO. II

Himachal Pradesh (State) in 1984-85

(In hectares)

Classification

Permanent pastures and other grazing land	Land under misc. tree crops and groves not included in area sown	Current fallows	Other fallow lands	Net area sown	Area sown more than once	Total cropped area
8	9	10	11	12	13	14
43,317	73	1,937	764	31,855	27,890	59,745
3,57,417	563	3,607	280	42,727	23,549	66,276
735	—	8,532	—	38,488	35,584	74,072
28,240	11	12,776	—	1,22,475	1,10,790	2,33,265
1,13,781	97	1,759	290	7,330	2,478	9,808
—	265	2,737	5	35,085	20,773	55,858
1,78,522	103	3,467	415	3,100	50	3,150
1,18,062	201	2,286	246	94,538	67,073	1,61,611
1,68,305	3,037	4,821	2,015	74,467	31,992	1,06,459
62,678	34,990	3,285	721	44,257	34,529	78,786
79,704	760	3,915	335	43,072	23,135	66,207
6,877	125	4,315	9,132	42,631	30,191	72,822
11,57,638	40,225	53,377	14,203	5,80,025	4,08,036	9,88,061

TABLE

Sources of Water Supply and area irrigated therefrom

District	Canals			
	Government		Private kuhls	
	Number	Length in kilometre	Number	Length in kilometre
1	2	3	4	5
Bilaspur ..	95	NA	147	NA
Chamba ..	—	—	—	—
Hamirpur ..	19	—	59	—
Kangra ..	8	42	1399	2931
Kinnaur ..	—	—	—	—
Kullu ..	—	—	147	333
Lahaul and Spiti ..	—	—	—	—
Mandi ..	—	—	—	—
Shimla ..	—	—	—	—
Sirmaur ..	125	117	1610	1548
Solan ..	44	69	578	449
Una ..	—	—	—	—
State Total ..	291	228	3940	5261

District	Tanks			Net area irrigated by			
	With ayacut 100 hectares or more	With ayacut less than 100 (in hectares)	Total	No. of oil engines	Government canals	Private canals	Tanks
1	17	18	19	20	21	22	23
Bilaspur ..	—	27	27	41	915	—	31
Chamba ..	—	—	—	—	—	—	—
Hamirpur ..	—	—	—	—	—	—	—
Kangra ..	—	—	—	4	671	—	—
Kinnaur ..	—	—	—	—	—	—	—
Kullu ..	—	—	—	—	—	—	—
Lahaul & Spiti ..	—	—	—	—	—	—	—
Mandi ..	—	—	—	—	—	—	—
Shimla ..	—	—	—	—	—	—	—
Sirmaur ..	3	—	3	6	3,388	—	7
Solan ..	12	416	428	154	2,272	—	679
Una ..	—	—	—	28	—	—	—
State Total ..	15	443	458	233	7,246	—	713

NO. III-A

in each District of Himachal Pradesh (State) in 1984-85

District	Wells							No. of wells used for domestic purposes only	No. of wells not in use	Reser-voirs	
	Tubewells			No. of other wells used for irrigation purposes only							
	Government	Private	Total	Govt.	Private	Total	Total				
	6	7	8	Masonry	Non-Masonry	Masonry	Non-Masonry				13
9	10	11	12	13	14	15	16				
Bilaspur ..	10	165	175	7	26	95	5	133	132	123	59
Chamba ..	—	—	—	—	—	—	—	—	—	—	—
Hamirpur ..	1	92	93	—	—	—	36	36	1,604	—	—
Kangra ..	5	41	46	—	—	47	900	947	—	—	—
Kinnaur ..	—	—	—	—	—	—	—	—	—	—	—
Kullu ..	—	—	—	—	—	—	—	—	—	32	16
Lahaul and Spiti ..	—	—	—	—	—	—	—	—	—	—	—
Mandi ..	—	—	—	—	—	—	—	—	—	—	—
Shimla ..	—	—	—	—	—	—	—	—	—	—	—
Sirmaur ..	25	123	148	—	—	—	—	—	—	42	30
Solan ..	50	151	201	12	—	155	120	287	157	361	—
Una ..	75	580	655	—	—	719	14	733	871	17	52
State Total ..	166	1,152	1,318	19	26	1,016	1,075	2,136	2,838	547	111

District	(In hectares)			Percentage of net area irrigated to net area sown	Area irrigated more than once in the same year (in hectares)	Total gross area of crops irrigated (in hectares)	Percentage of total irrigated area to total sown area	No. of wells having independent ayacuts	No. of wells supplementary sources of irrigation recognised	% of area irrigated by having independent ayacuts to the total area irrigated
	Wells	Other sources	Total							
24	25	26	27	28	29	30	31	32	33	
Bilaspur ..	485	1,479	2,910	9.13	2,878	5,788	9.68	—	—	—
Chamba ..	—	3,590	3,590	8.41	3,463	7,053	10.65	—	—	—
Hamirpur ..	28	1,577	1,605	4.17	1,692	3,297	4.46	—	—	—
Kangra ..	184	31,556	32,411	26.46	32,977	65,388	28.04	—	—	—
Kinnaur ..	—	4,219	4,219	57.56	1,291	5,510	56.18	—	—	—
Kullu ..	—	2,191	2,191	6.24	—	2,191	3.93	—	—	—
Lahaul & Spiti ..	—	3,133	3,133	101.07	—	3,133	99.46	—	—	—
Mandi ..	—	14,110	14,110	14.92	12,785	26,895	16.65	—	—	—
Shimla ..	—	4,737	4,737	6.36	2,776	7,513	7.5	—	—	—
Sirmaur ..	1,737	8,263	13,395	30.26	10,219	23,614	29.97	—	—	—
Solan ..	817	5,983	9,751	22.63	4,671	14,422	21.78	—	—	—
Una ..	—	2,992	2,992	7.01	1,211	4,203	5.78	—	—	—
State Total ..	3,251	83,830	95,044	16.39	77,963	1,69,007	17.11	—	—	—

TABLE

Area of Crops irrigated in each District of

District	Food			
	Rice			Total
	Autumn (Aus) 2	Winter (Aman) 3	Summer (Boro) 4	
Bilaspur	—	—	1,420	1,420
Chamba	—	—	2,438	2,438
Hamirpur	—	—	1,252	1,252
Kangra	—	—	25,009	25,009
Kinnaur	—	—	1	1
Kullu	—	—	2,018	2,018
Lahaul and Spiti	—	—	—	—
Mandi	—	—	11,022	11,022
Shimla	—	—	2,180	2,180
Sirmaur	—	—	3,012	3,012
Solan	—	—	3,142	3,142
Una	—	—	170	170
State Total	—	—	51,664	51,664

District	Food					
	Ragi or Marua	Italian Millets	Kodo or Varagu	Little Millets or Kutki etc.	Common Millets	Gram
1	13	14	15	16	17	18
Bilaspur	—	—	1	—	—	15
Chamba	6	—	—	367	—	—
Hamirpur	—	—	—	—	—	1
Kangra	—	—	—	—	—	57
Kinnaur	53	—	—	—	1,610	—
Kullu	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—
Mandi	37	—	—	—	1	6
Shimla	156	—	—	—	209	—
Sirmaur	192	—	—	—	88	90
Solan	—	—	—	—	—	69
Una	—	—	—	—	—	—
State Total	444	—	1	367	1,908	238

NO. III-B

Himachal Pradesh (State) in 1983-84

Crops	Food						
	Wheat	Jowar or Cholam			Bajra or Cumbu	Barley	Maize
		Rabi	Kharif	Total			
6	7	8	9	10	11	12	
2,565	—	—	—	—	25	1,295	
3,094	—	—	—	—	347	661	
1,554	—	—	—	—	1	369	
23,862	3	—	3	—	696	6,652	
540	—	—	—	—	1,317	329	
26	—	—	—	—	—	10	
389	—	—	—	—	936	29	
11,705	—	—	—	—	214	2,136	
2,618	—	—	—	—	440	1,134	
9,534	—	—	—	8	650	6,062	
6,107	—	—	—	—	137	2,557	
3,162	—	—	—	—	—	131	
65,176	3	—	3	8	4,763	21,365	

Crops—contd.						Condiments and Spices		
Green gram or Mung, Red gram or Tur (Arhar)	Horse- gram	Masur	Sugar- cane	Potatoes	Misc. food- crops	Carda- mom	Chillies	Ginger
19	20	21	22	23	24	25	26	27
—	9	6	23	13	212	—	3	59
4	—	1	1	71	—	—	1	—
3	—	1	24	4	64	—	—	1
—	46	104	105	506	1,730	—	23	11
—	86	—	—	198	1,324	—	—	—
—	—	—	—	8	113	—	3	—
—	—	—	—	1,145	501	—	—	—
—	12	60	2	40	715	—	20	3
—	3	1	—	232	392	—	39	43
11	51	81	439	329	989	—	69	726
5	10	1	171	100	1,476	—	3	202
—	—	—	55	163	313	—	5	1
23	217	255	820	2,809	7,829	—	166	1,046

TABLE

Area of Crops irrigated in each District of

District	Condiments and Spices—concl.			Non-Food		
	Turmeric	Others	Total condiments & spices	Total Food Crops	San Hemp	Ground-nut
1	28	29	30	31	32	33
Bilaspur ..	1	7	70	5,674	—	1
Chamba ..	—	—	1	6,991	—	—
Hamirpur ..	—	1	2	3,275	—	—
Kangra ..	7	7	48	58,818	—	—
Kinnaur ..	—	2	2	5,460	—	—
Kullu ..	—	—	3	2,178	—	—
Lahaul-Spiti ..	—	—	—	3,000	—	—
Mandi ..	—	3	26	25,976	—	—
Shimla ..	—	20	102	7,467	—	—
Sirmaur ..	—	36	831	22,367	4	24
Solan ..	—	3	208	13,983	—	46
Una ..	—	2	8	4,002	—	16
State Total ..	8	81	1,301	1,59,191	4	87

No. III-B—concl.

Himachal Pradesh (State) in 1984-85

(In hectares)

Crops											
Coco-nut	Sesa-mum	Rape	Mus-tard	Lin-seed	Castor	Indigo	Rubber	To-bacco	Coffee	Tea	Indian Hemp
34	35	36	37	38	39	40	41	42	43	44	45
—	17	—	15	3	10	—	—	4	—	—	—
—	—	—	14	44	—	—	—	4	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	131	—	140	4,071	—	—	—	—	—	—	—
—	—	12	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	11	—	—	—	—	—	—	—	—	—
—	1	—	20	474	—	—	—	—	—	—	—
—	—	—	42	—	—	—	—	4	—	—	—
—	—	—	—	—	—	—	—	4	—	—	—
—	60	50	100	5	—	—	—	7	—	—	—
—	16	—	95	—	—	—	—	—	—	—	—
—	1	4	25	—	—	—	—	—	—	—	—
—	226	77	451	4,597	—	—	—	27	—	—	—

Non-food

District	Opium	Cinchona	Cotton		Total
			Desi	American	
	46	47	48	49	50
1	46	47	48	49	50
Bilaspur ..	—	—	—	2	2
Chamba ..	—	—	—	—	—
Hamirpur ..	—	—	—	—	—
Kangra ..	—	—	9	—	9
Kinnaur ..	—	—	—	—	—
Kullu ..	—	—	—	—	—
Lahaul-Spiti ..	—	—	—	—	—
Mandi ..	—	—	—	—	—
Shimla ..	—	—	—	—	—
Sirmaur ..	—	—	11	—	11
Solan ..	—	—	52	—	52
Una ..	—	—	1	—	1
State Total ..	—	—	73	2	75

Crops—concl.

Others	Fodder Crops	Miscellaneous non-food crops	Total non-food crops	Total area under irrigated crops
51	52	53	54	55
—	62	—	114	5,788
—	—	—	62	7,053
—	22	—	22	3,297
—	1,102	1,117	6,570	65,388
—	—	38	50	5,510
—	13	—	13	2,191
122	—	—	133	3,133
3	417	—	919	26,895
—	—	—	46	7,513
—	933	—	1,247	23,614
—	203	—	439	14,422
—	150	—	201	4,203
215	2,902	1,155	9,816	1,69,007

TABLE
Area under Food Crops in each District of

District	Cereals					
	Rice					
	Autumn (Aus)		Winter (Aman)		Summer (Boro)	
	Current	Normal	Current	Normal	Current	Normal
1	2	3	4	5	6	7
Bilaspur	—	—	—	—	3,441	3,661
Chamba	—	—	—	—	3,147	3,223
Hamirpur	—	—	—	—	4,432	5,149
Kangra	—	—	—	—	38,793	35,310
Kinnaur	—	—	—	—	19	21
Kullu	—	—	—	—	3,001	2,513
Lahaul-Spiti	—	—	—	—	—	—
Mandi	—	—	—	—	26,326	25,835
Shimla	—	—	—	—	5,016	5,418
Sirmaur	—	—	—	—	4,452	5,049
Solan	—	—	—	—	4,442	4,331
Una	—	—	—	—	1,694	2,380
State Total	—	—	—	—	94,763	92,890

District	Cereals					
	Bajra or Cumbu		Barley		Maize	
	Current	Normal	Current	Normal	Current	Normal
	18	19	20	21	22	23
Bilaspur	—	—	317	411	24,832	24,130
Chamba	—	—	5,987	5,270	27,393	26,611
Hamirpur	—	—	136	218	30,749	28,790
Kangra	—	—	3,957	4,205	64,040	49,121
Kinnaur	—	—	1,783	2,076	471	468
Kullu	—	—	4,398	4,762	15,538	14,752
Lahaul-Spiti	—	—	936	1,010	29	28
Mandi	—	—	4,536	5,154	42,025	42,609
Shimla	30	—	6,320	7,837	22,270	21,976
Sirmaur	—	—	2,852	3,397	25,460	25,754
Solan	26	—	1,419	1,712	24,838	24,344
Una	—	—	2	15	29,930	27,741
State Total	56	—	32,643	36,067	3,07,575	2,86,324

NO. IV-A

Himachal Pradesh (State) in 1984-85

(In hectares)

District	Cereals									
	Total		Wheat		Jowar or Cholam					
	Total		Wheat		Rabi		Kharif		Total	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
8	9	10	11	12	13	14	15	16	17	
Bilaspur	3,441	3,661	26,556	24,919	—	—	—	—	—	—
Chamba	3,147	3,223	18,731	17,836	—	—	—	—	—	—
Hamirpur	4,432	5,149	35,739	34,501	—	—	—	—	—	—
Kangra	38,743	35,310	97,926	83,478	38	—	—	—	—	—
Kinnaur	19	21	1,075	1,329	—	—	—	—	—	—
Kullu	3,001	2,513	18,967	18,943	—	—	—	—	—	—
Lahaul-Spiti	—	—	389	341	—	—	—	—	—	—
Mandi	26,326	25,835	67,904	63,270	—	—	—	—	—	—
Shimla	5,016	5,418	32,978	34,159	—	—	—	—	—	—
Sirmaur	4,452	5,049	29,915	29,900	—	—	—	—	—	—
Solan	4,442	4,331	21,778	22,650	—	—	116	—	116	—
Una	1,694	2,380	33,855	31,930	—	—	—	—	—	—
State Total	94,763	92,890	3,85,813	3,63,256	38	—	116	—	154	—

als—contd.

District	Cereals									
	Ragi or Marua		Italian millets		Kodo or Varagu		Common and Little Millets			
	Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
	24	25	26	27	28	29	30	31	32	33
Bilaspur	4	8	—	—	—	—	—	—	—	—
Chamba	272	258	—	—	—	—	—	—	2,359	2,654
Hamirpur	39	40	—	—	—	—	—	—	8	1
Kangra	—	—	—	—	—	—	113	—	—	5,345
Kinnaur	220	218	—	—	—	—	—	—	3,770	4,544
Kullu	—	—	—	—	—	—	—	—	3,744	3,126
Lahaul-Spiti	—	—	—	—	—	—	221	—	—	324
Mandi	3,497	4,834	415	—	—	—	32	—	1,166	1,587
Shimla	3,049	3,763	—	—	—	—	5	—	7,656	8,861
Sirmaur	803	973	—	—	—	—	205	—	632	782
Solan	—	—	—	—	—	—	5	—	—	8
Una	—	—	—	—	—	—	—	—	—	—
State Total	7,884	10,094	415	—	—	—	581	—	19,335	27,232

TABLE
Area under Food Crops in each District of

District	Cereals—concl'd.							
	Other Cereals						Total Cereals	
	Kharif		Rabi		Total			
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
34	35	36	37	38	39	40	41	
Bilaspur	—	—	—	—	—	—	55,150	53,129
Chamba	—	—	—	—	—	—	57,889	55,852
Hamirpur	—	—	—	—	—	—	71,103	68,699
Kangra	—	—	—	—	—	—	2,04,867	1,77,459
Kinnaur	—	—	—	—	—	—	7,338	8,656
Kullu	—	—	—	—	—	—	45,648	44,096
Lahaul-Spiti	—	—	—	—	—	—	1,575	1,703
Mandi	—	—	—	—	—	—	1,45,901	1,43,289
Shimla	—	—	—	—	—	—	77,324	82,014
Sirmaur	—	—	—	—	—	—	64,345	65,855
Solan	—	—	—	—	—	—	52,598	53,045
Una	—	—	—	—	—	—	65,481	62,066
State Total	—	—	—	—	—	—	8,49,219	8,15,863

District	Pulses					
	Horse Gram		Masur		Other	
	Kharif					
	Current	Normal	Current	Normal	Current	Normal
50	51	52	53	54	55	
Bilaspur	603	595	26	29	211	195
Chamba	485	463	153	147	159	165
Hamirpur	885	765	46	41	—	—
Kangra	1,204	1,105	268	275	306	326
Kinnaur	2	3	—	—	146	145
Kullu	96	87	37	31	657	650
Lahaul-Spiti	—	—	—	—	—	—
Mandi	1,024	997	586	568	1,218	1,175
Shimla	1,193	1,205	141	135	685	618
Sirmaur	727	713	422	425	180	175
Solan	1,126	1,095	79	70	550	535
Una	315	295	101	105	54	56
State Total	7,660	7,323	1,859	1,826	4,166	4,040

NO. IV-A—cont'd.

Himachal Pradesh (State) in 1984-85—cont'd.

(In hectares)

District	Pulses							
	Gram		Green Gram or Mung		Red Gram or Tur (Arhar)		Black Gram or Urd (Mash)	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
	42	43	44	45	46	47	48	49
Bilaspur	427	1,715	4	2	—	—	1,219	1,661
Chamba	6	3	2	6	—	—	3,215	2,796
Hamirpur	10	1,327	1	2	—	—	1,192	1,763
Kangra	334	542	2	7	—	—	4,833	3,811
Kinnaur	—	—	—	—	213	—	33	34
Kullu	9	15	1	11	—	—	2,002	2,156
Lahaul-Spiti	—	—	—	—	—	—	—	—
Mandi	114	246	7	4	3	—	2,743	2,899
Shimla	9	31	—	—	—	—	2,484	2,654
Sirmaur	420	826	11	3	13	—	1,858	1,726
Solan	2,276	3,239	—	2	95	—	2,687	2,313
Una	307	3,869	54	46	1	—	1,277	1,395
State Total	3,912	11,813	82	83	325	—	23,543	23,208

ses—concl'd.

District	pulses					
	Rabi		Total		Total Pulses	
	Current	Normal	Current	Normal	Current	Normal
	56	57	58	59	60	61
Bilaspur	121	111	332	306	2,611	4,308
Chamba	—	—	159	165	4,020	3,580
Hamirpur	—	—	—	—	2,134	3,898
Kangra	99	105	405	431	7,046	6,171
Kinnaur	99	103	245	248	493	285
Kullu	205	191	862	841	3,007	3,141
Lahaul-Spiti	280	275	280	275	280	275
Mandi	19	21	1,237	1,196	5,714	5,910
Shimla	24	23	709	641	4,536	4,666
Sirmaur	467	475	647	650	4,098	4,343
Solan	730	705	1,280	1,240	7,543	7,959
Una	10	7	64	63	2,119	5,773
State Total	2,054	2,016	6,220	6,056	43,601	50,309

TABLE NO.

Area under Food Crops in each District of

District	Total Foodgrains	
	Current 62	Normal 63
1		
Bilaspur	57,761	57,437
Chamba	61,909	59,432
Hamirpur	73,237	72,597
Kangra	2,11,913	1,83,630
Kinnaur	7,831	8,941
Kullu	48,655	47,237
Lahaul-Spiti	1,855	1,978
Mandi	1,51,615	1,49,199
Shimla	81,860	86,680
Sirmaur	68,443	70,198
Solan	60,141	61,004
Una	67,600	67,839
State Total	8,92,820	8,66,172

IV-A—contd.

Himachal Pradesh (State) in 1984-85—contd.

(In hectares)

	Fresh Fruits					
	Sugarcane		Apples		Grapes	
	Current 64	Normal 65	Current 66	Normal 67	Current 68	Normal 69
	155	142	—	—	—	—
	1	16	876	179	—	—
	317	132	—	—	—	—
	319	302	—	—	—	—
	—	—	963	508	9	8
	—	—	4,077	3,659	—	—
	—	—	7	3	—	—
	19	42	906	3,557	—	—
	—	—	14,732	11,396	—	—
	1,054	1,028	785	708	—	—
	378	261	6	228	—	—
	1,116	1,108	—	—	—	—
	3,359	3,031	22,352	20,238	9	8

District	Fruits			
	Banana		Citrus fruits	
	Current 70	Normal 71	Current 72	Normal 73
1				
Bilaspur	140	112	—	—
Chamba	—	—	—	—
Hamirpur	—	—	—	—
Kangra	—	—	43	33
Kinnaur	—	—	—	—
Kullu	—	—	—	—
Lahaul-Spiti	—	—	—	—
Mandi	—	—	—	—
Shimla	—	—	—	—
Sirmaur	—	4	79	65
Solan	—	—	—	—
Una	—	—	—	—
State Total	140	116	122	98

—contd.

	Mangoes		Peaches and Pears		Other fresh fruits	
	Current 74	Normal 75	Current 76	Normal 77	Current 78	Normal 79
	—	—	—	—	43	—
	—	2	—	—	99	620
	17	12	—	—	—	8
	3,918	644	—	—	—	1,725
	—	—	—	—	43	45
	—	—	—	—	614	245
	—	—	—	—	—	—
	151	33	—	—	2,834	1,536
	—	—	—	—	3	126
	99	94	139	—	96	154
	—	5	1	—	697	651
	20	51	—	—	21	86
	4,205	841	140	—	4,450	5,196

TABLE NO.

Area under Food Crops in each District of

District	Fruits—					
	Dry Fruit					
	Total fresh fruits		Cashew Nuts		Other dry fruits	
	Current	Normal	Current	Normal	Current	Normal
1	80	81	82	83	84	85
Bilaspur ..	183	112	—	—	—	—
Chamba ..	975	801	—	—	—	—
Hamirpur ..	17	20	—	—	—	5
Kangra ..	3,961	2,402	—	—	—	—
Kinnaur ..	1,015	561	—	—	415	265
Kullu ..	4,691	3,904	—	—	—	—
Lahaul-Spiti ..	7	3	—	—	—	—
Mandi ..	3,891	5,126	—	—	—	5
Shimla ..	14,735	11,522	—	—	1	—
Sirmaur ..	1,198	1,025	—	—	2	10
Solan ..	704	884	—	—	—	—
Una ..	41	137	—	—	—	—
State Total ..	31,418	26,497	—	—	418	285

Vegetables—

other

District	Vegetables—									
	Sweet Potatoes		Onion		Winter		Summer		Total other Vegetables	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
1	94	95	96	97	98	99	100	101	102	103
Bilaspur ..	—	—	81	81	136	29	—	106	136	135
Chamba ..	—	—	33	41	—	35	68	215	68	250
Hamirpur ..	—	—	47	60	15	37	118	78	133	115
Kangra ..	—	—	254	289	326	306	258	363	584	669
Kinnaur ..	—	—	—	—	5	37	35	17	42	52
Kullu ..	—	—	11	12	656	195	108	337	764	532
Lahaul-Spiti ..	—	—	—	—	—	—	10	6	10	6
Mandi ..	—	—	137	93	631	331	808	543	1,439	874
Shimla ..	—	—	4	5	1,592	885	855	914	2,447	1,799
Sirmaur ..	—	—	30	42	481	240	74	201	555	441
Solan ..	—	—	2	20	198	258	1,208	991	1,406	1,249
Una ..	—	—	36	33	134	205	224	186	358	391
State Total ..	—	—	635	676	4,174	2,556	3,768	3,957	7,942	6,513

IV-A—contd.

Himachal Pradesh (State) in 1984-85—contd.

(In hectares)

concl'd.

District	Vegetables							
	Total dry Fruits		Total dry Fruits and fresh Fruits		Potatoes		Topical	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
1	86	87	88	89	90	91	92	93
Bilaspur ..	—	—	183	112	28	15	—	—
Chamba ..	—	—	975	801	474	432	—	—
Hamirpur ..	—	5	17	25	6	7	—	—
Kangra ..	—	—	3,961	2,402	858	850	—	—
Kinnaur ..	415	265	1,430	826	447	477	—	—
Kullu ..	—	—	4,691	3,904	948	1,053	—	—
Lahaul-Spiti ..	—	—	7	3	1,145	1,313	—	—
Mandi ..	—	—	3,891	5,131	1,934	2,111	—	—
Shimla ..	1	—	14,736	11,522	6,556	7,551	—	—
Sirmaur ..	2	2	1,200	1,035	1,022	851	—	—
Solan ..	—	—	704	884	145	169	—	—
Una ..	—	—	41	137	176	125	—	—
State Total ..	418	285	31,836	26,782	13,739	14,954	—	—

concl'd.

Vegetables

District	Vegetables							
	Total Vegetable		Total Fruits and Vegetables		Other Misc. Food Crops		Betel nuts	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
1	104	105	106	107	108	109	110	111
Bilaspur ..	245	231	428	366	—	3	—	—
Chamba ..	575	723	1,550	1,524	—	—	—	—
Hamirpur ..	186	182	203	207	—	—	—	—
Kangra ..	1,696	1,808	5,657	4,210	—	—	—	—
Kinnaur ..	489	529	1,919	1,355	—	97	—	—
Kullu ..	1,723	1,597	6,414	5,501	—	51	—	—
Lahaul-Spiti ..	1,155	1,319	1,162	1,322	—	1	—	—
Mandi ..	3,510	3,078	7,401	8,209	—	109	—	—
Shimla ..	9,067	9,355	23,743	20,877	—	1	—	—
Sirmaur ..	1,607	1,334	2,807	2,369	1,489	—	—	—
Solan ..	1,553	1,438	2,257	2,322	—	—	—	—
Una ..	570	549	611	686	—	—	—	—
State Total ..	22,316	22,143	54,152	48,925	1,489	262	—	—

TABLE NO.
Area under Food Crops in each District of

District 1	Condiments			
	Cardamoms		Chillies	
	Current 112	Normal 113	Current 114	Normal 115
Bilaspur	1	—	12	10
Chamba	—	—	50	31
Hamirpur	—	—	—	4
Kangra	—	—	33	83
Kinnaur	—	—	—	—
Kullu	—	—	107	119
Lahaul-Spiti	—	—	—	—
Mandi	—	—	159	152
Shimla	—	—	228	190
Sirmaur	—	—	246	288
Solan	—	—	6	7
Una	—	—	8	10
State Total	1	—	849	894

TABLE NO.
Area under Non-food Crops in each District

District 1	NON-FOOD			
	FIBRES			
	Cotton			
	Desi		American	
Current	Normal	Current	Normal	
2	3	4	5	
Bilaspur	—	47	35	—
Chamba	—	—	—	—
Hamirpur	11	17	—	—
Kangra	169	54	—	97
Kinnaur	—	—	—	—
Kullu	—	—	—	—
Lahaul-Spiti	—	—	—	—
Mandi	—	5	—	5
Shimla	—	—	—	—
Sirmaur	24	43	—	36
Solan	126	177	—	50
Una	53	74	55	36
State Total	383	417	90	224

IV-A—concl.

Himachal Pradesh (State) in 1984-85—concl.

(In hectares)

and spices												Total Food Crops
Ginger		Pepper		Turmeric		Other condiments and spices		Total condiments and spices		Current 126	Normal 127	
Current 116	Normal 117	Current 118	Normal 119	Current 120	Normal 121	Current 122	Normal 123	Current 124	Normal 125			
93	61	—	—	11	14	17	19	133	104	58,477	58,029	
—	—	—	—	—	—	—	38	50	69	63,510	61,041	
2	1	—	—	10	24	1	5	13	34	73,770	72,790	
15	14	—	—	7	16	7	14	62	127	2,17,951	1,88,269	
—	—	—	—	—	—	—	1	2	1	9,752	10,394	
—	—	—	—	—	—	—	40	44	147	55,216	52,952	
—	—	—	—	—	—	—	—	—	—	3,017	3,301	
7	3	—	—	1	3	13	22	180	180	1,59,215	1,57,739	
128	115	—	—	2	—	65	33	423	338	1,06,026	1,07,896	
1,498	1,573	—	—	—	6	70	145	1,814	2,012	75,607	75,607	
318	249	—	—	—	1	3	8	327	265	63,103	63,852	
1	—	—	—	3	3	4	3	16	16	69,343	69,649	
2,062	2,016	—	—	34	67	222	332	3,168	3,309	9,54,986	9,21,699	

IV-B

of Himachal Pradesh (State) in 1983-84

(In hectares)

CROPS							
RES							
Total		Jute		San Hemp		Other fibres	
Current	Normal	Current	Normal	Current	Normal	Current	Normal
6	7	8	9	10	11	12	13
35	47	—	—	5	6	—	—
—	—	—	—	—	2	—	—
11	17	—	—	1	3	—	—
169	151	—	—	137	65	—	—
—	—	—	—	—	—	—	—
—	—	—	—	84	78	—	—
—	—	—	—	—	—	—	—
—	10	—	—	—	—	146	186
—	—	—	—	—	—	—	1
24	79	—	—	10	44	—	—
126	227	—	—	3	11	—	—
108	110	—	—	67	56	—	—
473	641	—	—	303	265	146	187

INTRODUCTION

In the present era of planning the importance of agricultural statistics as a prime mover becomes unequivocal. In view of the increasing importance of agricultural statistics as a reflector of economic progress and a necessary adjunct in plan formation, the role of agricultural statistics such as land utilization, cropping pattern, total output and irrigation statistics is very vital. The planning and execution of agricultural programmes are often handicapped for want of comprehensive and reliable data. As more and more emphasis is now being laid on district and lower level planning, envisaging detailed programmes and targets for these units elaborate data at these administrative and planning units are necessary for realistic planning and successful implementation of programmes.

Agriculture holds the key position and constitutes a sector which is closely linked with the economy as a whole. Growth rates in the overall economy are, therefore, dependent on growth in agriculture. But era of planning in the country has evolved a series of new farm strategies to generate sustained growth rates in productivity. In the planning, decades gone by, much emphasis was laid on growth oriented programmes in this vital sphere of agriculture and the development of necessary infrastructure facilities for ensuring its full contribution to economic development.

The Annual Season and Crop Report 1984-85 is an annual publication of the State Government, delineating therein the district-wise important Agricultural Statistics viz. land use classification, month-wise and seasonwise rainfall data, source-wise net irrigated area, crop-wise gross irrigated area, detailed breakup of cropping pattern and production, followed by a brief survey on prevailing farm harvest prices and agricultural wages and data on quinquennial livestock census 1982. The report commences with summary tables of the aforesaid statistics for the preceding four years, with the current year *i. e.* 1984-85 as the concluding year of the quinquennial survey. The report presents all the statistical data in metric units *i. e.* area in hectares and production in metric tonnes.

Physical Features:

Himachal Pradesh, one of the most picturesque regions of the country and land of mighty rivers and snows is situated in the lap of Himalayan ranges in extreme north-west of India. It is bordered by Jammu and Kashmir in the north, Punjab in the west and south-west, Haryana in the south, Uttar Pradesh in the south-east and Tibet in the east. It is situated between 32° 22' 40" to 33° 12' 40" north latitude, and 75° 74' 55" to 79° 04' 22" east longitude in altitudes ranging from 350 m. to 6,975m. above the mean sea level.

This Pradesh came into being as a part 'C' State of the Indian Union on 15th April, 1948 as a result of the merger of 30 Punjab and Shimla Hill States into the Indian Union, viz. Baghat, Bhajji, Beja, Balsan, Bushahr, Chamba, Darkoti, Delath, Dhadi, Dhani, Ghund, Jubbal, Khaneti, Keonthal, Koti, Kumarsain, Kunihar, Kuthar, Mandi, Madhan, Mahlog, Mangal, Ratesh, Rawingarh, Sangri, Sirmaur, Suket, Tharoch, and Theog. At that time the state had four districts viz. Chamba, Mahasu, Mandi and Sirmaur and

its area was 27,16,850 hectares. In 1954 the neighbouring 31 state of Bilaspur was integrated with Himachal Pradesh, thereby adding one more district with an area of 1,06,848 hectares. In 1960, a new border district of Kinnaur carved out of Mahasu district on account of administrative reasons. With the reorganisation of Punjab State in 1966, four more hill districts, namely Kangra, Kullu, Lahaul-Spiti and Shimla, Nalagarh Tehsil of Ambala district, some parts of Una tehsil of Hoshiarpur district and Dalhousie of Gurdaspur district were merged into this Pradesh, thereby increasing its area by nearly 100 per cent. On 25th January, 1971 this Pradesh was given the status of full-fledged state. On 1st September, 1972 two more districts viz. Hamirpur and Una were created out of Kangra district and Solan was also named as a district, dropping Mahasu district. Thus, at present, this full-fledged state of Himachal Pradesh comprises 12 districts viz. Bilaspur, Chamba, Hamirpur, Kangra, Kinnaur, Kullu, Lahaul-Spiti, Mandi, Shimla, Sirmour, Solan and Una. The districts are further divided into three divisions having in turn 41 Sub-divisions. The Sub-divisions are further divided into 58 tehsils and 25 sub-tehsils with an area of 55,673 square kilometres. The state headquarters are located at Shimla, the queen of hills.

Climatic and Agro-climatic Zones:

Himachal Pradesh, as its name suggests, lies in the lap of the Himalayas. Its climate, flora and fauna, the life and outlook of the people are largely conditioned by that one single factor called, nature. Rolling hills for miles and miles, interspersed with tinkling mountain streams have a unique fascination. During the snow fall the entire hilly landscape turns into one stretch of shimmering white. The rivers abound in fish and provide boating and fishing and the forests harbour wild life of a large variety—ibex, thar, serow, ghoral, bear and in certain area, snow-leopard.

Five rivers flow through this Hill State viz. Beas in Kullu, Mandi and Kangra. Satluj in Kinnaur, Shimla and Bilaspur, Ravi in Chamba, Yamuna has its tributaries in Shimla and Sirmour and flows along the borders of Sirmour and finally Chenab flows through Lahaul-Spiti and Chamba districts.

The terrain varies as you move from south to north, the lower foothills, the shivaliks, rising not more than 610 to 1220 metres. The inner ranges are 1220 to 3660 metres high and the northern most, the Pirpanjal ranges, soar upto 6710 metres consequently, the climate also varies from mild to cold. The land area of the State can be divided into the following categories :—

- (i) Valleys upto an elevation of 1,000 metres: These are very fertile and can be subjected to intensive cultivation.
- (ii) Low Hills: These have an altitude of 1000 to 2000 metres and are suitable for horticulture.
- (iii) High Hills: These areas lie between 2000 and 3500 metres and are sparsely populated. They are good for raising forests.
- (iv) Alpine Zone above 3500 metres: They are good for grazing forests.
- (v) The land of snows: Without vegetation.

Season-wise Rainfall Conditions:

Table-1 of the report under review epitomises month-wise rainfall of the calendar year 1984 with corresponding rainfall for each month. The table simultaneously reveals the season-wise rainfall aggregate with corresponding rainfall exhibited in the adjoining column. Although a quick glance at the annual state rainfall leads one to infer that the total rainfall has been adequate, yet, what is crucial for the timely and adequate germination of crops is the timeliness and proper distribution of rainfall, which, during the year under review has not been so. It is this imbalance in the rainfall distribution that explains nearly 38 per cent of the total cropped area having failed in the current year.

The average total annual rainfall recorded during the year 1984 in the State was 1033.6 m m. as against 1285.6 m m. normal rainfall and this rainfall was 19.2 per cent below than the normal rainfall. The highest average rainfall of 2183.0 m m. was recorded in District Hamirpur as against its 1252.1 m m. normal rainfall. The increase from the normal was 74.4 per cent. The second district recording highest average rainfall was Kangra where an average rainfall of 1543.6 m m. was reported as against 1649.5 m m. of normal rainfall, but this annual average rainfall was 6.4 per cent less than the normal rainfall. The third place in order of highest rainfall was of district Una which recorded 1156.8 m m. of annual average rainfall against 1001.1 m m. of normal rainfall and it was 15.6 per cent more than the normal rainfall.

On the side of lowest recording of average rainfall, District Kinnaur, Lahaul-Spiti and Shimla were first, second and third respectively. In these districts, the average rainfall of 323.5, 426.7 and 708.0 m m. respectively was recorded and this amount of rainfall was also observed to be on lower side (except District Lahaul-Spiti) to the corresponding annual normal rainfall. The rainfall data for District Kullu could not be reported as data from that district was not available. The Deputy Commissioner, Kullu has been supplied with the new rain gauge sets for installation, so that data from these stations could be made available by him. From perusal of the table No. 1 of the main Annual Season & Crop Report, it is observed that the total annual rainfall recorded in majority of the districts was much below the corresponding normals, which indicated that the weather conditions were not so favourable for the better germination and growth of crops and hence the decrease in production. Deviation of actual rainfall from the normal also affected the potential of irrigation facilities and resulting poor harvests.

On an average, in the year 1984, the total number of rainy days were 52.9 and with such average Districts Hamirpur, Mandi and Kangra were ranking first, second and third respectively.

According to the crops sowing and harvesting seasons the calendar year has further been divided into four major seasons.

A. Winter Season:

This season has a spell of two months *i. e.* from 1st January to 28th February and during this season according to local cultivation conditions of the Pradesh, the Rabi crops which are usually sown in post-monsoon season,

starts growing after germination. During this season occurrence of timely rains is important for the speedier growth of the crops. But during this season total average rainfall of 126.3 m m. was recorded as against 181.4 mm. of normal rainfall. The amount received during this season was 30.4 per cent below the normal rainfall. The highest rainfall of 206.0 m.m. during this season was recorded in District Hamirpur and lowest rainfall of 65.5 m m. was recorded in District Una. In all the districts except Bilaspur and Kangra the average rainfall recorded during this season was below the normal rainfall as a result of which proper growth of crops sown in these districts was affected adversely.

The average number of rainy days during this season was 6.2 and number of such rainy days (*i.e.* 10.0) was highest in District Chamba.

B. Pre-Monsoon:

This season comprises of the period from 1st March to 31st May and with the close of this season commencement of Monsoon season with highest amount of rainfall recorded during the year is expected. During the pre-monsoon season the occurrence of timely and properly distributed rains is essential as the crops grown during previous season (*i.e.* winter season) starts bearing fruits and ultimately attain maturity for harvest before the close of season. Any deviation in the weather conditions during this season from the normals, counts towards the promising yields of the crops. Thus for having a good harvest of the Rabi crops the rainfed conditions should not fluctuate from the normals especially during this season.

In the State, during this season an average rainfall of 71.8 mm. was recorded as against 162.2 m m. normal rainfall and this rainfall was 55.7 per cent below the normal. In all the districts, the total rainfall recorded during this season was below the normals. However, the highest rainfall recorded was in District Chamba whereas the lowest in District Sirmour. During this season the average number of rainy days for the State was 6.6 with highest number of rainy days (11.9) for District Chamba and lowest number of rainy days (1.0) for District Sirmour. After completing the harvest operations for Rabi crops, the farmers start preparing their fields by applying manures and ploughs for transplantation of Paddy and sowing of Kharif crops during the forthcoming season of monsoon.

C. Monsoon season :

This season comprises of longest span of four months (*i. e.* June to September) and the amount of rains recorded during this season is also higher than rainfall recorded in any other season of the year. During the initial stage of the season, the land for sowing the Kharif crops is prepared completely and just after the first heavy rainfall of the season, the Kharif crops are usually sown. The crops grown during this season require regular rainfall. In majority of the districts the rainfall was below the normals of the district but the rainfall was timely and fairly distributed.

During this season a rainfall of 795.7 m m. was recorded in the State as against 836.0mm. of the normal rainfall, and its departure from the normal was 4.8 per cent. This amount of rainfall shared 77.0 per cent of the total rainfall recorded during the year. The highest rainfall of 1882.0, 1323.6

and 1054.4 mm. was recorded in District Hamirpur, Kangra and Una respectively and this rainfall was also higher to the corresponding normals. The lowest rainfall recording Districts were Kinnaur, Lahaul-Spiti and Shimla respectively and rainfall reported from these districts except Lahaul-Spiti was below the corresponding normals. The amount of rainfall received in these districts was 63.6; 117.5 and 460.0 mm. respectively. The peak period for the rainfall of the season were the months of July and August and total amount of rainfall recorded out of 795.7 mm. of rainfall for the entire season was 491.2 m.m. and this amount was 61.7 per cent of the total.

Like rainfall the highest number of rainy days was also recorded during this season and this number was 37.0 days. These rainy days were 70.0 per cent of the total average rainy days of the year 1984.

With the close of the season, the Kharif crops in most parts of the Pradesh were ready for harvesting and harvesting of minor crops like pulses and oilseeds was in progress. The weather conditions of the season as a whole remained favourable.

D. Post-Monsoon:

Post-monsoon season is from 1st October to 31st December and during this season harvesting of Kharif crops and sowing of Rabi crops is almost completed. A total rainfall of 39.8 mm. was recorded in the State against 106.0 mm. of normal rainfall and this amount of rainfall was 62.3 per cent less from the corresponding normal. The average rainfall of the season was below the corresponding normal in each district except Hamirpur where it was 5.5 mm. more than the normal. The first three districts recording highest rainfall were Chamba, Lahaul-Spiti and Kinnaur where 86.5; 74.3 and 45.9 m.m. rainfall was recorded.

In the month of October there were no rains in Districts Bilaspur, Hamirpur, Kangra, Lahaul-Spiti, Sirmour and Una and in Districts Bilaspur, Hamirpur, Sirmour, Solan and Una no rainfall was reported for the month of November. During the month of December of this season, a total average rainfall of 37.2 m m. was reported for the State, but this amount was also below the corresponding normal. Mild to moderate rainfall was reported from all the districts of the Pradesh and the same was beneficial to the growth of Rabi crops, especially for oilseeds and pulses. The maximum rainfall was recorded during the month of December of Post-Monsoon Season.

On an aggregate the weather conditions prevailing during this season were favourable for the better growth of Rabi crops.

Classification of Area Land Utilisation :

Land resources of a place are not so much dependent on the extent of geographical area as on the extent of cadastrally surveyed area. The latter category of area delineates those different classification of the uses of land which readily appear on the records of village accountant or Patwari. This classification which gives an idea as to the extent of reliable and elaborate statistics of land utilization and is widely used for agricultural planning. Land use classification is the systematic arrangement of various type of available land on the basis of certain defined characteristics, mainly to

identify and understand their fundamental utility, intelligently and effectively for satisfying the needs of human life. Thus land must be carefully utilised so that it may fulfil our multifarious requirements. The best use of each parcel of land requires a scientific and modern technology adoption. This may help us in investigating the land use problems and be the basis of planning for the best use of our land according to various categories of land.

The total geographical area, according to surveyor general of India, is 55,67,300 hectares i.e. 55,673 sq. km. In comparison to the geographical area, the total cadastrally surveyed area (by village papers) in the State during the year under review came to 32,15,375 hectares, revealing thereby that the remaining deficit of 23,51,225 hectares is unsurveyed and hence does not appear on revenue records of the village functionaries. The magnitude of such area in the aforesaid year was 42 per cent of the total geographical area. Although the *ad hoc* estimates of such areas are available, yet, in actuality, this difference in area would be wiped out only as and when settlement operations are extended to such areas with the consequent effect of such areas being brought on revenue records.

The reporting area or cadastrally surveyed area is the summation of nine-fold land use. The land use classification for the current year vis-a-vis the preceding year 1983-84 has been tabulated below along with their percentages, which have been computed on the basis of reporting area. Even a cursory glance at Table-I would reveal that three components viz: forests, permanent pastures and other grazing lands and 'Net area sown' together account for nearly 82 per cent of the total reporting area, leaving the remaining 18 per cent to other categories of land.

Here it may be in order to mention in respect of forest land that this report encompasses only such areas as appear on revenue records and thus the total area under 'forests' does not necessarily tally with the area maintained by the Forest Department. In fact, the land use classification being followed by this Department over-laps with the definition of forests being followed by the Department of Forests. It may be pertinent to record that as per Forest Department, the total area in the State under forests for the year 1983-84 came to 21.32 lakh hectares, whereas the Revenue Department for the same year put the forest area estimates at 8.62 lakh hectares. The minimisation of this huge difference between two sets needs adoption of uniform definition of category of forests. The definition of forests adopted by the Revenue Department has been indicated in the succeeding paras of this item.

Table 1: Classification of Reporting Area for the year 1983-84 and 1984-85 (In '000 hectares)

Category	1983-84		1984-85	
	Area in '000 hectares	Percentage to total reporting area	Area in '000 hectares	Percentage to total reporting area
1	2	3	4	5
1. Forests ..	862	27	874	27
2. Barren and unculturable land ..	165	5	159	5

	1	2	3	4	5
3. Land put to non-agri. uses ..	177	6	206	6	
4. Culturable waste ..	129	4	130	4	
5. Permanent pastures & other grazing lands ..	1161	36	1,158	36	
6. Misc. tree crops and groves not included in net area sown ..	39	1	40	1	
7. Current fallows ..	45	2	54	2	
8. Other fallow lands ..	15	—	14	1	
9. Net area sown ..	593	19	580	18	
10. Total reporting area ..	3,186	100	3,215	100	
11. Gross area sown ..	971	29	988	31	
12. Area sown more than once ..	379	12	408	13	

The summation of these nine land use classification gives the total reporting area available in the revenue records. There was no change in the percentage share of the nine land use categories to the total reporting area during the year under report and the previous year viz. 1983-84. The percentage of the gross area sown and area sown more than once to the total reporting area during current year was 31 and 13 per cent respectively and it was more by 2 and 1 per cent to the similar percentages of the last year. It further indicated that about 70 per cent of the net area sown was utilised more than once during the current year.

The comments on nine-fold classification along with their definitions are as follow:—

Forests :

All actually forested area on the lands, classed or administered as forests under any legal enactment, dealing with forests whether State-owned or private and whether wooded or maintained as potential forest land come under the category of 'Forests'. If any portion of such land is not actually wooded but put to some agricultural use that portion shall be included under the appropriate heading of cultivated or uncultivated land.

The area under this category during the year under review has increased by 12270 hectares over the last year and represents an increase of 2 per cent. The increase is nominal and needs no comments. In order of percentage share to the total area, this category is at place second after the category of Permanent pasture and other grazing land.

Barren & Unculturable Land :

This includes all barren and unculturable land like mountains, deserts, etc. Land which cannot be brought under cultivation unless at a high cost shall be classed as unculturable whether such land is in isolated blocks or within cultivated holdings.

This accounts for only 5 per cent of the total reporting area during the year 1984-85 and hence no comments.

Land put to non-agricultural uses :

This includes all land occupied by free holdings, roads and railways or under water e.g. rivers and canals and other lands put to uses other than agricultural. The land under this category accounted for 6 per cent of the total reporting area and thus no comments.

The land under this category as well as under barren and unculturable land together constitutes that category of land which is generally not available for cultivation purposes.

Culturable waste :

This should include lands available for cultivation, whether not taken up for cultivation or taken up for cultivation for once but not cultivated during the current year and the last five years or more in succession for one reason or the other. Such lands may be either fallow or covered with shrubs and jungles which are not put to any use. They may be assessed or unassessed any may lie in isolated blocks or within cultivated holdings. Land once cultivated but not cultivated for five years in succession should also be included in this category at the end of the five years.

The land under this category forms 4 per cent of the total reporting area. There is increase of 731 hectares in this category as compared to the last year area which is about one per cent more. Thus no comments.

Permanent pastures and other grazing lands:

This includes all grazing lands whether they are permanent pastures and meadows or not. Village common and grazing land within forested areas shall be included under this head. The land under this category forms 36 per cent of the total reporting area. The decrease of area under this category during the year 1984-85 as compared to the last year was about one per cent and calls for no comments.

Land under miscellaneous tree crops and groves not included in net area sown:

This denotes all cultivable land which is not included in net area sown but is put to some agricultural use. Land under casuarine trees, thatching grasses, bamboo bushes and other groves for fuel etc. which are not included under orchards, shall be classed under this category.

This category of land forms merely one per cent of the total reporting area. The increase under this category by 846 hectares is about two per cent which calls for no comments.

Current fallows:

This represents cropped area which is kept fallow during the current year. For example of any seeding area is not cropped again in the same year may be treated as current fallow. The land under this category also forms two per cent of the total reporting area. The variation under this category of land as compared to last year was about 20 per cent on account of rotation of

crops. The reasons for this variation are due to the keeping the land more fallow during the year under report in Districts Bilaspur, Chamba, Hamirpur, Kangra, Kinnaur, Kullu and Lahaul-Spiti.

Fallow land other than current fallows:

This includes all lands which were taken up for cultivation but are temporarily out of cultivation for a period of not less than one year and not more than five years. The reasons for keeping such lands fallow may be one of the following—(i) Poverty of the cultivators, (ii) Inadequate supply of water, (iii) Material climate, (iv) Silting of canals and rivers, and (v) Un-remunerative nature of farming.

The area under this category was just 14,203 hectares and it decreased from the previous year's figure by 282 hectares. This decrease as compared to last year area was about two per cent and calls for no comments.

Net area sown:

This should represent the total area sown with crops and orchards counting area shown more than once in the same year only once. The area under this category during the year 1984-85 constituted 19 per cent of the total reporting area and there was decrease of 12,524 hectare under this category as compared to the last year. In percentage this decrease was 2 per cent and calls for no comments.

Area sown more than once:

This represents the areas on which crops are raised more than once during the agricultural year. This is obtained by deducting the 'Net area sown' from total cropped area. Such area during the year, 1984-85 was 40,80,34 and increased by the last year's figure by 29,316 hectares. In percentage this increase was about 8 per cent. This was owing to the higher intensity of cropping during the year under review.

Total cropped area :

This represents the total area covered with crops. This will be the sum total of areas covered by all the individual crops, areas sown with crops more than once during the year being counted as separate area for each crop. As compared to the last year, the area under this category had increased by 16,792 hectares. In absolute terms the area stood at 9,88,059 hectares in comparison to 9,71,267 hectares of the last year. The increase in total cropped area with regard to corresponding area of last year was about 2 per cent.

Intensity of cropping:

The intensity of cropping is the ratio of gross (total) area sown to the net area sown, expressed as percentage. Owing to the peculiar agro-climatic conditions, the mountainous nature of tracts and pattern of land holding, the extensive cultivation is not practicable in the State. For increased output and better utilization of the cultivable land, it will be desirable to introduce intensive methods of cropping. In Shimla, Kinnaur, Lahaul-Spiti districts, intensive cultivation was not done as these districts

have less than 150 per cent intensity of cropping. In the valleys, shivalik hills and on the banks of the Satluj, Beas and Yamuna rivers, intensive cultivation of the crops can be done by providing irrigation facilities, taking to better techniques of production and using fertilizers, improved seeds etc. In the Pradesh, none of the district has intensity of cropping 200 per cent or more, which indicated that the net area sown is not being utilised completely for the second time. This can be possible only if the farmers have the facilities of better inputs and improved methods of cultivation. The intensity of cropping for the year 1984-85 has been computed in Table-2.

Table 2—Intensity of cropping in each district for the year 1984-85 :

Sl. No.	Name of the district	Intensity of cropping 1983-8	Net area sown	Total cropped area	Intensity of cropping 1984-85
1	2	3	4	5	
1	Bilaspur	188.6	31,855	59,745	187.6
2	Chamba	153.6	42,727	66,276	155.1
3	Hamirpur	187.6	38,488	74,072	192.5
4	Kangra	169.4	1,22,475	2,33,265	190.5
5	Kinnaur	134.7	7,330	9,810	133.8
6	Kullu	147.0	35,085	55,858	159.2
7	Lahaul-Spiti	103.6	3,100	3,150	101.6
8	Mandi	167.0	94,533	1,61,611	170.9
9	Shimla	147.7	74,467	1,06,459	142.9
10	Sirmaur	177.9	44,257	78,786	178.0
11	Solan	144.0	43,072	66,207	153.7
12	Una	169.4	2,631	72,822	170.8
	State	163.9	5,80,025	9,88,065	170.

Intensity of cropping

Total cropped area × 100

Net area sown.

Intensity of cropping for the State for the year, under review came to 170.4 per cent though there was wide inter-district variation. The intensity of cropping during last year was 163.9 per cent. The district Lahaul-Spiti, though with almost cent per cent assured irrigation, had a low cropping intensity of 101.6 per cent which was attributable to its terrain being snow-bound and yielding only one crop a year. However, the cropping intensity was found to be the maximum in District Hamirpur, revealing thereby that nearly 92 per cent area was double cropped. The districts in the descending order of intensity of cropping were Hamirpur, Kangra, Bilaspur, Sirmaur, Mandi, Una, Kullu, Chamba, Solan, Shimla, Kinnaur and Lahaul-Spiti. The Table-2 would also reveal that cropping intensity was low in hilly areas as compared to the semi-hills and plain areas. The intensity of cropping during the year under report was higher than the intensity of cropping of last year by about 6.5.

The intensity of cropping for the period of five years is given in Table-3.

Table-3—Table showing the intensity of cropping for a period of five years (1980-81 to 1984-85):

Sl.No.	Name of district	Intensity of cropping for the year				
		1980-81	1981-82	1982-83	1983-84	1984-85
1	2	3	4	5	6	7
1.	Bilaspur	188.9	189.9	191.1	188.6	187.6
2.	Chamba	156.6	150.7	150.9	153.6	155.1
3.	Hamirpur	182.5	194.8	195.7	187.6	192.5
4.	Kangra	160.7	157.9	175.0	169.4	190.5
5.	Kinnaur	124.4	134.7	128.7	134.7	133.8
6.	Kullu	152.1	160.4	157.6	147.0	159.2
7.	L & S	104.6	100.0	103.4	103.6	101.6
8.	Mandi	177.4	174.6	170.6	167.0	170.9
9.	Shimla	150.6	152.5	152.4	147.7	142.9
10.	Sirmaur	184.1	180.2	176.2	177.9	178.0
11.	Solan	158.3	154.8	144.4	144.0	153.7
12.	Una	165.3	171.3	176.3	169.4	170.8
	State	165.4	165.7	167.6	163.9	170.4

District-wise percentage distribution of net area shown and area under forests :

The accompanying Table-4 shows the district-wise percentage distribution of two important categories of land viz., 'Net area sown' and area under 'Forests'. It also shows the District-wise percentage distribution under these categories to the reporting areas.

Table 4—Percentage distribution of net area sown and area under forests by district 1983-84 and 1984-85 :

Sl.No.	District	Percentage of net area sown in the district to the			
		Reporting area of the district		Total net area sown in the State	
		1983-84	1984-85	1983-84	1984-85
1	2	3	4	5	6
1.	Bilaspur	27.1	27.5	5.3	5.5
2.	Chamba	6.2	6.1	7.3	7.3
3.	Hamirpur	36.2	35.1	6.7	6.6
4.	Kangra	21.8	18.9	21.5	21.1
5.	Kinnaur	5.3	4.7	1.3	1.3
6.	Kullu	73.0	71.3	6.5	6.1

1	2	3	4	5	6
7.	Lahaul and Spiti	1.6	1.5	0.5	0.5
8.	Mandi	23.8	23.8	16.3	16.3
9.	Shimla	21.1	21.1	12.4	12.9
10.	Sirmaur	19.6	19.6	7.4	7.6
11.	Solan	25.0	23.8	7.6	7.4
12.	Una	27.6	27.6	7.2	7.4
H. P. State		18.6	18.0	100.0	100.0

Sl.No.	District	Percentage-area of forest area in the district to the			
		Reporting area of the district		Total forest area in the State	
		1983-84	1984-85	1983-84	1984-85
1	2	7	8	9	10
1.	Bilaspur	9.9	9.9	1.3	1.3
2.	Chamba	38.5	38.3	31.0	30.0
3.	Hamirpur	12.8	18.2	1.6	2.3
4.	Kangra	41.0	40.9	27.8	27.3
5.	Kinnaur	8.4	8.6	1.4	1.5
6.	Kullu	—	—	—	—
7.	Lahaul and Spiti	6.3	6.1	1.4	1.4
8.	Mandi	38.6	38.8	17.8	17.6
9.	Shimla	16.7	17.5	6.5	7.1
10.	Sirmaur	21.5	21.8	5.6	5.6
11.	Solan	10.9	10.9	2.3	2.3
12.	Una	18.6	18.6	3.3	3.3
Himachal Pradesh State		27.1	27.2	100.0	100.0

The percentage of net area sown to the total reporting area was 18.0 per cent, as compared to the 18.6 per cent of the last year of the State as a whole. The percentage share in the total net area sown was higher in respect of District Kangra, Mandi and Shimla. The total area under forests in the State was sharing 27.2 per cent of the total reporting area and such share during 1983-84 was 27.1.

Area irrigated by different sources—Table-III-A of the report:

The net irrigated area during 1984-85 was 95,044 hectares and recorded an increase of 883 hectares over the preceding year figures of 94,161 hectares. There was increase of 0.9 per cent in the net area irrigated as compared to previous year. The *kuhls* constitute the major sources of irrigation in the State and accounted for 88 per cent of the total net irrigated

area during the year 1984-85. These small water channels, collectively called *kuhls*, are made by making notches on the river banks and water courses and the water is thus fed to the fields for irrigation.

The predominant hilly character of the State renders the terrain unfit for boring tube-wells and even the scope of lift irrigation is severely limited. Such facilities are in fact confined to the low lying areas only and accounted for only 3.4 per cent of the total irrigated area in the year under review. This percentage of area irrigated by wells is less by 1.0 per cent as compared to last year. The net area irrigated to the net area sown was 16.4 per cent during the current year as compared to the 16.0 per cent of the last year. The gross area irrigated under current year was 1,69,007 hectares as against 1,65,067 hectares of the last year, which gave increase of 3,940 hectares or 2.4 per cent.

The Table-5 gives the source-wise break-up of the net irrigated area during 1984-85 as compared to the preceding year, i.e. 1983-84.

Table 5—Percentage share of irrigated area by source :

Sl.No.	Source of irrigation	1983-84		1984-85	
		Area in hectares	Percent- age to total irri- gated area	Area in hec- tares	Percent- age to total irri- gated area
		1	2	3	4
1.	Canal	3,034	3.3	7,246	7.6
2.	Tanks	576	0.6	717	0.9
3.	Wells and tube-wells	4,168	4.4	3,254	3.4
4.	Other sources: (<i>kuhls</i>)	86,383	91.7	83,830	88.0
Total		94,161	100.0	95,044	100.0

According to Table-III-A of the Annual Season and Crop Report 1984-85 there are 291 Government canals, 3,940 private *kuhls*, 1,318 tube-wells, 2,136 wells used for irrigation and 458 tanks which provide irrigation to 95,044 hectares. The percentage share of net area irrigated to net area sown is about 16 per cent which indicates that about 84 per cent of net area under the crops survives under the changing trend of natural calamities. Thus to have full harvest of the area sown, the facilities of irrigation should be enhanced.

The break-up of crop-wise area irrigated by different sources during the year under report has been given in Table-6 appended hereafter.

Table 6.—Crop-wise irrigated area with percentage to total irrigated area :

Sl.No.	Crops	1983-84		1984-85	
		Area in hectares	Percentage share to the total irrigated area	Area in hectares	Percentage share to the total irrigated area
1	2	3	4	5	6
1.	Rice	53,041	32.1	51,664	30.5
2.	Wheat	60,382	36.6	65,176	38.5
3.	Barley	5,141	3.1	4,763	2.9
4.	Maize	21,723	13.1	21,365	12.7
5.	Ragi and other Millets	3,278	2.0	3,464	2.0
6.	Sugar cane	928	0.6	820	0.4
7.	Potatoes	2,613	1.6	2,809	1.7
8.	Ginger	951	0.6	1,046	0.7
9.	Other food crops	7,710	4.7	8,084	4.8
A. Total food crops		1,55,767	94.4	1,59,191	94.2
10.	Linseed	4,443	2.7	4,597	2.8
11.	Rape mustard	432	0.3	528	0.3
12.	Tea	1,480	0.9	—	—
13.	Fodder crops	2,273	1.4	2,902	1.7
14.	Other non-food crops	672	0.3	1,789	1.0
B. Total non-food crops		9,300	5.6	9,816	5.8
Total (A+B)		1,65,067	100.0	1,69,007	100.0

As will be evident from Table-6 of the report, wheat occupied the first place in terms of share in irrigated area followed by rice, maize and barley. In fact the preceding four crops together accounted for 84.6 per cent of the total irrigated area thus leaving a merely share of 15.4 per cent to all other crops.

However, it was notable that the total irrigated area constituted just 17 per cent of the total cropped area which revealed that nearly 83 per cent of the cropped area in the State was rainfed. It was in fact, this vast dependence on weather-gods that precisely explains the State being repeatedly prone to natural calamities.

Intensity of irrigated cropping:

Like intensity of cropping this is the ratio of gross area irrigated to the net area irrigated expressed as percentage, i.e. $\frac{\text{Gross area irrigated}}{\text{Net area irrigated}} \times 100$.

The intensity of cropping for the year 1984-85 is shown in Table-7.

Table 7—Intensity of irrigated cropping in each district during 1984-85:

Sl.No.	Name of district	Net area irrigated	Gross area irrigated	Intensity of irrigated cropping
1	2	3	4	5
1.	Bilaspur	2,910	5,788	198.9
2.	Chamba	3,590	7,053	196.5
3.	Hamirpur	1,605	3,297	205.4
4.	Kangra	32,411	65,388	201.8
5.	Kinnaur	4,219	5,510	130.6
6.	Kullu	2,191	2,191	100.0
7.	Lahaul-Spiti	3,133	3,133	100.0
8.	Mandi	14,110	26,895	190.6
9.	Shimla	4,737	7,513	158.6
10.	Sirmaur	13,395	23,614	176.3
11.	Solan	9,751	14,422	147.9
12.	Una	2,992	4,203	140.5
H.P. State		95,044	1,69,007	177.8

The intensity of irrigated cropping for the year 1984-85 was found 177.8 per cent. The districts in the descending order of intensity of irrigated cropping were Hamirpur, Kangra, Bilaspur, Chamba, Mandi, Sirmaur, Shimla, Solan, Una, Kinnaur, Lahaul-Spiti and Kullu respectively. In case of district Hamirpur and Kangra the net area irrigated was found to be irrigated more than twice during the year.

Cropping pattern—IV A and B:

Cropping pattern indicates the level of development and the economic prosperity of the State. It deals with type of crops and percentage of area under each crop. A change in cropping pattern would mean change in the proportionate area under different crops. The increase in area under high yielding variety of seeds results in increase in the total return. The study of cropping pattern is of greater significance for planning rational and balanced programme of crops raising in such a manner that the people of the country get adequate food and raw material for agro-based industries.

In terms of area hectare, wheat occupied the first place followed by maize, rice and barley. The gross cropped area during 1984-85 stood at 9.88 lakh hectares as compared to 9.71 lakh hectares during 1983-84 and in terms of percentage the increase was 1.7 per cent. Because of typical geographical location of the State, the scope for varied cropping pattern was severely limited, though off-season vegetable crops were raised on a small scale.

The succeeding table-8 reveals that total food crops accounted for 96.5 per cent, thus leaving a slender percentage of 3.5 per cent to non-food crops.

Table 8—Area under crops, 1983-84 and 1984-85:

Sl. No.	Crops	1983-84		1984-85	
		Area in hectares	Percentage share to the total cropped area	Area in hectares	Percentage share to the total cropped area
1	2	3	4	5	6
1.	Rice	94,667	9.7	94,765	9.6
2.	Wheat	3,76,283	38.7	3,85,819	39.0
3.	Baflay	34,645	3.6	32,649	3.3
4.	Maize	2,98,257	30.7	3,07,575	31.1
5.	Ragi	8,235	0.9	7,884	0.8
6.	Common and little millets.	22,111	2.3	20,541	2.1
7.	Total cereals	8,34,173	85.9	8,49,219	85.9
8.	gram	4,146	0.4	3,912	0.4
9.	Black gram	22,700	2.3	23,543	2.4
10.	Horse Gram	7,852	0.8	7,660	0.8
11.	Maar	1,890	0.2	1,859	0.1
12.	Other pulses	6,068	0.7	6,627	0.7
13.	Total pulses	43,446	4.4	43,601	4.4
Total—Food grains		8,77,624	90.3	8,92,820	90.3
14.	Sugar cane	3,683	0.4	3,359	0.3
15.	Apple	23,173	2.4	22,352	2.2
16.	Potatoes	13,970	1.4	13,739	1.4
17.	Fruits and Vegetables (except apple and potatoes)	15,447	1.6	18,061	1.8
18.	Chillies	824	0.1	849	0.1
19.	Ginger	1,733	0.2	2,062	0.2
20.	Other food crops	566	0.1	1,744	0.2
Total—Food crops		9,36,920	96.5	9,54,986	96.5
21.	Cotton	656	0.1	473	0.1
22.	Ground nut	852	0.1	837	0.1
23.	Sesamum	8,296	0.1	8,044	0.8
24.	Rape-mustard	6,912	0.7	6,119	0.7
25.	Linseed	4,147	0.5	3,192	0.5
26.	Tea	3,215	0.3	3,082	0.4
27.	Other crops	7,792	0.8	7,349	0.7
28.	Other non-food crops	1,887	0.2	2,037	0.2
29.	Total non-food crops	34,371	3.5	33,073	3.5
30.	Total cropped area	9,71,267	100.0	9,88,059	100.0

Small millets during Kharif season and Wheat, Barley during Rabi season constitute the important cereals grown in the

Pradesh. Among the cash crops Potatoes, Apple, Tea and Ginger are important. From the point of view of relative importance, wheat ranks first followed by Maize, Paddy and Barley. Maize, Wheat, Barley, Potatoes, Rape-Mustard are grown all over the State. Sugarcane is mainly grown in Sirmaur, Una, Solan, Kangra and Hamirpur districts. Some important crops are discussed separately:—

Wheat:

From area point of view, wheat comes on top among all the crops grown in the Pradesh. It is generally sown during the period of mid September to November, and harvested from middle of April to June. It is grown in the lower hills as well as higher altitudes. On the higher hills, only one crop of wheat is grown throughout the year.

In the State as a whole, 39.0 per cent of the gross cropped area comes under wheat. It means more than 1/3rd of the entire area is accounted for by wheat alone.

Barley:

In Rabi Season Barley is the second important crop in the State and is grown in the interior parts. Only 3.3 per cent area to the total gross area comes under this crop. This crop is more popular in District Chamba, Kangra, Kullu, Mandi and Shimla.

Paddy:

Paddy is a staple food of the people. It ranks third in order of the area point of view and it shared about 10 per cent of the gross cropped area. Adequate water is a must for its cultivation as such this crop is only grown once a year in the State. It is sown prior to the onset of monsoon and is harvested during the month of October and November. This crop is almost grown in all the districts except Lahaul-Spiti. In order of ranking with regard to growing of this crop District Kangra, Mandi and Shimla are three districts.

Maize:

Maize is another important crop of the Kharif season covering 31.1 per cent of the gross cropped area and its place in terms of percentage share to the total area is second. It is sown both under rainfed and irrigated conditions in all the districts of the State. District Kangra, Mandi and Hamirpur are the first three major growing districts.

Other Cereals:

The other cereals constitute a numerous small and coarse grains viz., Jowar, Bajra, Ragi, Oglu, Kengni, Cheena, Chalai and Bathu, etc. These crops are nearly grown in the interior parts of District Mandi, Shimla, Kullu, Chamba, Kinnaur and are the staple food of the inhabitants. These cereals occupy only about 3 per cent of the gross cropped area.

Total Pulses:

According to Table 8 above only 4.4 per cent of the total gross cropped area comes under this head and the pulses are grown in all the districts of the State. Mash, Mung, Kulth, Bharat, Rong, Gram, Peas and Masur are some important pulses grown in the State. The pulses Gram and Masur are grown in Rabi season whereas the other pulses are grown in Kharif season. Kangra, Mandi and Shimla are the first three districts growing these pulses in larger area.

Fruits:

Himachal Pradesh has warmer valley areas as well as perennially snow covered peaks and dry areas suited for growing fresh as well as dry fruits. Quite a large chunk of the State is ideally suited for growing temperate and dry fruits like Apple, Peach, Pear, Plum, Cherry, Walnut, Almond and Grapes etc. In lower hills of Bilaspur, Kangra, Mandi, Sirmaur and Una the fruits like Banana, Mango and citrus fruits are also grown. Among these fruits Apple occupy the first place and shared 2.2 per cent of the total cropped area. Its market is not country wide but also exported. The apple of Shimla district is widely known for quality. Its delicious variety such as Royal, Rich-Red, Red and Golden have no equal match in the country. Out of 31,836 hectares area under fresh and dry fruits the area under apple was 22,352 hectares. Shimla district having considerable share ranking thereby first. The area under other fruits is about 30 per cent of the total area under fruits.

Total Vegetable:

Only about 2.3 per cent area comes under vegetable out of which 1.4 per cent goes to potato alone. Thus potato is the main cash crop in Himachal Pradesh and is grown almost in all the districts of the State. District Shimla, Mandi, Sirmaur and Lahaul-Spiti are the major growing districts of this crop. It occupies an important place in the economy of the State and is well known for its large production of quality and disease free potato seed. It is grown in Kharif, although in some parts the cultivation is carried out in winter also in lower parts where irrigation facilities are adequate. In District Lahaul-Spiti about 36 per cent of the gross cropped area comes under Potato. The share of other vegetables like Peas, Cauliflower, Tomato, Onion, Cabbage, etc. was about 38 per cent out of total area under the vegetable crops.

Total food crops:

In the State major share in the cropped area goes to food crops which is 96.5 per cent of the total cropped area, which indicated that the farmers gave more importance to the growth of food crops than the non-food crops. The margin of total cropped area left for non-food crops was 3.5 per cent. In different district the per cent of area under food crops is as high as 99.6 per cent in case of Hamirpur and 99.4 per cent in case of Kinnaur district.

Total non-food crops:

In the State as a whole only 3.5 per cent of area comes under Non-Food Crops. The Non-Food Crops constitute Rape and Mustard, Linseed, Groundnut, Sesamum, Tobacco, Tea, Cotton and Sunhemp. Tea is grown in Palampur tehsil of District Kangra and Tehsil Jogindernagar of Mandi

district. The total area under tea in these area is 3,082 hectares, i.e. about 9 per cent of the total area under Non-Food Crops. The quality of the tea is quite rich and is exported to various countries. Out of the total non-food crops bulk of the area 66.4 per cent is covered by total oil seeds leaving thereby about 27 per cent share to other non-food crops.

Yield per hectare—Table V-A:

The Table 9 below indicates the yield per hectare in respect of four major crops for the current year as well as for the preceding year 1983-84. The yield per hectare as well as total production in respect of these crops is determined every year on the basis of crop-cutting experiments by random sampling method, with the Kanungo circle as the lowest stratum. The execution of these experiments is under the charge of Director of Agriculture, Himachal Pradesh, while the actual execution of the field work is done by both the departments—Revenue and Agriculture. The average yield of four major crops for the year 1983-84 and 1984-85 was as given in Table-9.

Table-9—Average yield per hectare in kgs. of important crops:

Sl.No.	Name of the crops	Yield per hectare in kg.	
		1983-84	1984-85
1	2	3	4
1.	Wheat	807	696
2.	Rice	1,202	1,237
3.	Maize	1,993	1,897
4.	Barley	988	851

Besides the crop cutting experiments by Random sampling method, these experiments are also conducted by traditional method under chapter 15 of the H.P. Land Records Manual. According to this method average fields of average village in assessment circles are selected by the Revenue Officers, as well as by Agriculture and Settlement Department staff and the results are supplied on the prescribed forms. On the basis of these results normal yields per hectare of different crops are worked out by the Director of Land Records which on the approval by the Government as well as by Agriculture Department, are utilised for working out the total out-turn. These normals are based on five years average, on each crop at least two experiments are required to be conducted.

Production—Table V-B:

Because of wide-spread effect of natural calamities during the year under review 1984-85 the output of total food crops, as compared to the preceding year, decreased 6.9 per cent. In absolute terms, it decreased from 11.45 lakh m.t. to 10.66 lakh m.t. or 0.79 m.t.

Of the total production of foodgrains i.e. 10.08 lakh m.t. during the year 1984-85 the four major crops viz., Rice, Wheat, Barley, Maize together alone accounted for 97.7 per cent, thus leaving a marginal share of 2.3

per cent to all other crops. Two major Kharif crops i.e. paddy and maize contributed 6.89 lakh m.t. and the two major rabi crops of the wheat and barley accounted for 2.96 lakh m.t.

The accompanying Table-10 reflects the crop-wise production for the years 1983-84 and 1984-85 as also the percentage share of each crop in the total production. Although 38.0 per cent of the total cropped area did not germinate during the year under review, yet the total production over the preceding year recorded only decrease of 6.9 per cent. This decrease is owing to the operation of two factors, first, the percentage of damaged area 38 per cent was higher as compared to 37 per cent of the corresponding preceding year, and secondly this year was widely affected by natural calamities as the preceding year.

The yield per hectare and production of all other crops, excepting the afore-mentioned four major crops, is determined by traditional method, which in the revenue gargon, is designated as/paisawari/annawari estimate. This methodology is based on the 'Normal Yield', the 'Condition Factor' and the 'Current yield'. The 'Normal Yield' is characteristic of produce of a normal year under normal agricultural conditions and is generally determined as 5 yearly moving average, while the condition factor denotes the condition of the current year crop with reference to the 'Normal Yield' and thereby helps in determining the current yield. The production is obtained as a product of area \times normal yield \times condition factor. The accuracy of the production estimates depended therefore on the reliability of each of these factors.

Table 10—Crop-wise production (In metric tonnes):

Sl. No.	Crops	1983-84		1984-85	
		Production in metric tonnes	Percentage share in total production	Production in metric tonnes	Percentage share in total production
1	2	3	4	5	6
1.	Maize	5,93,953	51.9	5,71,635	53.6
2.	Wheat	3,03,405	26.5	2,69,489	25.3
3.	Rice	1,13,826	9.9	1,17,227	11.0
4.	Barley	33,200	2.9	27,263	2.5
5.	Other Cereals	10,460	1.7	14,425	1.4
A.	Total Cereals	10,63,844	92.9	10,00,039	93.8
6.	Gram	600	0.1	428	0.1
7.	Black gram	7,035	0.6	3,297	0.3
8.	Other pulses	5,812	0.5	4,389	0.4
B.	Total Pulses	13,537	1.2	8,114	0.8
D.	Total—Food grains (A+B)	10,77,381	94.1	10,08,153	94.6

1	2	3	4	5	6
9.	Sugarcane	4,790	0.4	4,828	0.4
10.	Potatoes	55,143	4.8	46,269	4.4
11.	Other crops	916	0.1	1,784	0.1
C.	Total—Food crops	11,38,230	99.4	10,61,034	99.5
12.	Sesamum	2,301	0.2	1,380	0.1
13.	Rape-Mustard	985	0.1	502	0.1
14.	Tea	1,077	0.1	516	0.1
15.	Other non-food crops	2,464	0.2	2,374	0.2
16.	Total—Non-food crops	6,827	0.6	4,772	0.5
C+D	Total—Food crops and non-food crops	11,45,057	100.0	10,65,806	100.0

The total production of cereals in the State declined to 10.00 lakh m.t. from 10.63 m.t. of the previous year and this decrease was 5.9 per cent. Like-wise total production in the State in respect of cereals the production of pulses also decreased to the extent of 5,423 m.t. The total production of food crops which also include potatoes, condiments and spices and other food crops etc. decreased to the level of 0.77 lakh m.t. or 6.8 per cent. The production of non-food crops also decreased from 6,827 m.t. of the last year to 4,772 m.t. during the current year. In percentage this decrease was 30.1 per cent. The major reasons for such a considerable fall in the total production was deviation of weather conditions from its normal trend. Of the total production of crops the four major crops alone i.e. Wheat, Barley, Maize and Paddy contributed 92.4 per cent and rest of the contribution went to other food and non-food crops. In ranking terms the order of crop production was Maize, Wheat, Rice and Barley.

Forecast Reports:

Besides publication of acreage and production of each crop in the annual report for each agriculture year, the forecast reports of each crop according to their sowing and harvesting season are also issued by this Directorate as per forecast calendar mentioned in Chapter-13 of the H.P. Land Records Manual. The publication of crop forecast is most important because these are anxiously awaited by the State Government/Government of India and various other business firms so as to frame their estimates regarding availability of food grains determining the extent of imports and exports. Thus to streamline the flow of food grains throughout the country the system of crop forecasts has been introduced in the entire country. As envisaged in Chapter 13 of the H. P. Land Records Manual, para-1, all forecast along with detailed introductory note on crop situation should be forwarded by the District Officers to the Director of Land Records on the prescribed proforma, who in turn releases the State estimates. There are about three estimates indicating the growing and harvesting prospectus of each crop. The 1st and 2nd forecast according to Para-13.3 of H.P. Land Records Manual are prepared on the basis of personal observance and inquiry of the Revenue functionaries whereas the 3rd or final estimates are prepared on the basis

of ascertainment of the actual areas sown under each crop during the operation of harvest inspections, conducted by Revenue agency in the State. These estimates also provide the information regarding condition factor, normal yield, total outturn and irrigation facilities and thus are of utmost importance. The Annual Season and Crop Report give the annual account of the crops in the cumulative form.

FARM HARVEST PRICE—TABLE 11

Table-11 gives a comprehensive data of Farm Harvest Prices for the year 1983-84 and 1984-85 of main crops.

Table 11—Statement of Farm Harvest Prices for the year 1984-85 vis-a-vis, 1983-84:

Sl. No.	Crop	Price of the crop at farm site (per quintal)	
		1983-84	1984-85.
1	2	3	4
1.	Rice	224.26	212.20
2.	Wheat	184.85	208.33
3.	Barley	162.47	190.00
4.	Maize	168.40	160.00
5.	Gram	419.13	558.00
6.	Sugarcane (Raw)	286.00	292.66
7.	Groundnut	657.75	754.00
8.	Rape	649.12	909.40
9.	Mustard	626.65	653.97
10.	Tabacco	471.72	504.40

The general rise in prices is in keeping with the rise in the cost of cultivation, which, in turn, is attributable to the increase in the price of farm inputs.

These prices of the crops are collected in respect of the selected centres in each district as per Chapter 14.15 of the H.P. Land Records Manual. Accordingly the Farm Prices of a commodity are defined as the average whole sale price at which the commodity is disposed of by the producer to the trader at the village site during the specified harvest period. For the State as a whole the increase in the farm prices was observed in respect of all the crops except Rice and Maize only.

AGRICULTURAL WAGES—TABLE 12

The Table-12 gives a comparative picture of the prevalent daily wage-rates of skilled and un-skilled labour in the districts. These average wage-rates have been computed on the basis of wage-rates prevailing in the various

Table 12—Agricultural Labour (In rupees per item):

Sl.No.	Category of labour	1983-84	1984-85
1	2	3	4
1.	Carpenters	23.15	23.63
2.	Blacksmiths	21.20	21.61
3.	Cobblers	17.71	20.50
4.	Field Labour	12.75	14.92
5.	Other Agricultural Labour	12.17	12.86
6.	Hardsmen	11.87	11.65

There was increase in the wages of all categories of Agricultural Labourers due to high cost of living.

These wages according to Part-B of Chapter-16 of the H.P. Land Records Manual are collected from the selected centres of each district. The wages are collected on the prescribed proforma on monthly basis and average rate of these wages computed in the report, has been compiled on the basis of these monthly statements.

STATE LIVESTOCK—TABLE 13

The Table-13 below gives the comparative results of the 12th and 13th State Livestock Census held in 1977 and 1982 respectively.

Table 13—Livestock in H.P. during last three Censuses:

Sl.No.	Classification	1972	1977	1982	Percentage difference between 1977 and 1982 Censuses
1	2	3	4	5	6
1.	Total Cattle	21,75,690	21,06,220	21,73,663	+3.2
2.	Buffaloes	5,43,887	5,60,006	6,16,415	+10.07
3.	Yaks	4,589	3,473	2,908	-16.3
4.	Bovines	27,24,166	26,69,699	23,93,575	-10.3
5.	Sheep	10,39,946	10,55,005	10,90,322	+3.3
6.	Goats	9,06,415	10,35,337	10,59,862	+2.4
7.	Horse and ponies	16,234	14,858	16,670	+12.2
8.	Mules	7,000	8,216	12,679	+54.3
9.	Donkeys	4,904	6,074	6,613	+8.9
10.	Camel	885	872	714	-18.1
11.	Pigs	2,906	5,165	8,107	+57.0
12.	Total livestock	47,02,456	47,95,226	49,88,540	+4.0
13.	Total poultry	1,88,649	3,29,561	4,61,285	+40.0
14.	Ploughs	5,01,852	5,18,240	6,23,761	+20.4
15.	Carts	2,682	2,822	3,403	+20.6
16.	Sugarcane crushers	3,192	4,019	2,961	-26.3
17.	Tractors	33	397	936	+135.8
18.	Oil Engines	255	989	1,177	+19.0
19.	Electric pumps	338	624	585	-6.2
20.	Ghanis	555	652	—	—

The increase in the total livestock was very nominal and calls for no comments. It was revealed that the increase in buffaloes in the State has been quite noticeable, which in fact was due to increasing tendency to rear more buffaloes in low-lying areas namely, Bilaspur, Hamirpur, Kangra, Solan and Una. This also reveals the increasing tendency of the people to augment their income by maintaining more milch cattle so as to reap more gains offered by the propagation of milk supply schemes in the State. The increase in total poultry is significant and is owing to the people's efforts to supplement their income by availing various incentives offered by the State Government.

The work of quinquennial livestock census has also been entrusted to this Directorate. The field agency for this work is Patwaris and Kanungos of Revenue Department, who with their labourious efforts accomplish this huge task despite their over busy with day to day revenue work. From the 1982 Census, the schedules of collecting the details of livestock have slightly been modified so as to cover the indigenous and cross breeds of the animals. Under this census number of cattles in milk, young stock bullocks, buffaloes, yaks, sheeps, goats, mules, horses, ponies, pigs, camels, donkeys, dogs, poultry ducks, agricultural implements, fisheries etc. are collected which are of vast use in terms animal products available for human requirement. The asset of livestock also play an appreciable role in the rural economy and hence its regular study through such censuses is essential.

District-wise Villages:

The district-wise break-up of inhabited and un-inhabited villages, as per 1981 Census is tabulated below:—

Sl.No.	Districts	Number of villages		
		Inhabited	Un-inhabited	Total
1	2	3	4	5
1.	Bilaspur	942	74	1,016
2.	Chamba	1,098	482	1,580
3.	Hamirpur	1,621	31	1,652
4.	Kangra	3,753	319	4,072
5.	Kinnaur	77	—	—
6.	Kullu	169	—	169
7.	Lahaul-Spiti	239	98	357
8.	Mandi	2,806	540	3,346
9.	Shimla	2,225	184	2,409
10.	Sirmaur	967	1	968
11.	Solan	2,358	143	2,501
12.	Una	552	42	594
Total		16,807	1,914	18,721

In Retrospect:

As the report unfolds itself, it will be seen that during the year under review there has been an increase of 1.7 per cent in the total cropped over the

corresponding last year but the decrease in total production (Food and non-food crops both) over the same period has been 6.9 per cent. The decrease in production was recorded due to the fact that the total damaged area during the year 1984-85 was as high (38 per cent) as it was during the preceding year 37 per cent. This decrease is more attributable to the agricultural conditions having remained comparatively not stable and suitable for the better prospectus of crop grown.

TABLE

Area under Food Crops in each District of

District	Cereals					
	Rice					
	Autumn (Aus)		Winter (Aman)		Summer (Boro)	
	Current	Normal	Current	Normal	Current	Normal
1	2	3	4	5	6	7
Bilaspur	—	—	—	—	3,441	3,661
Chamba	—	—	—	—	3,147	3,223
Hamirpur	—	—	—	—	4,432	5,149
Kangra	—	—	—	—	38,793	35,310
Kinnaur	—	—	—	—	19	21
Kullu	—	—	—	—	3,001	2,513
Lahaul-Spiti	—	—	—	—	—	—
Mandi	—	—	—	—	26,326	25,835
Shimla	—	—	—	—	5,016	5,418
Sirmaur	—	—	—	—	4,452	5,049
Solan	—	—	—	—	4,442	4,331
Una	—	—	—	—	1,694	2,380
State Total	—	—	—	—	94,763	92,890

NO. IV-A

Himachal Pradesh (State) in 1984-85

(In hectares)

District	Cereals									
	Total		Wheat		Jowar or Cholam				Total	
					Rabi		Kharif			
	Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
8	9	10	11	12	13	14	15	16	17	
Bilaspur	3,441	3,661	26,556	24,919	—	—	—	—	—	—
Chamba	3,147	3,223	18,731	17,836	—	—	—	—	—	—
Hamirpur	4,432	5,149	35,739	34,501	—	—	—	—	—	—
Kangra	38,743	35,310	97,926	83,478	38	—	—	—	—	38
Kinnaur	19	21	1,075	1,329	—	—	—	—	—	—
Kullu	3,001	2,513	18,967	18,943	—	—	—	—	—	—
Lahaul-Spiti	—	—	389	341	—	—	—	—	—	—
Mandi	26,326	25,835	67,904	63,270	—	—	—	—	—	—
Shimla	5,016	5,418	32,978	34,159	—	—	—	—	—	—
Sirmaur	4,452	5,049	29,915	29,900	—	—	—	—	—	—
Solan	4,442	4,331	21,778	22,650	—	—	116	—	—	116
Una	1,694	2,380	33,855	31,930	—	—	—	—	—	—
State Total	94,763	92,890	3,85,813	3,63,256	38	—	116	—	—	154

District	Cereals					
	Bajra or Cumbu		Barley		Maize	
	Current	Normal	Current	Normal	Current	Normal
	18	19	20	21	22	23
Bilaspur	—	—	317	411	24,832	24,130
Chamba	—	—	5,987	5,270	27,393	26,611
Hamirpur	—	—	136	218	30,749	28,790
Kangra	—	—	3,957	4,205	64,040	49,121
Kinnaur	—	—	1,783	2,076	471	468
Kullu	—	—	4,398	4,762	15,538	14,752
Lahaul-Spiti	—	—	936	1,010	29	28
Mandi	—	—	4,536	5,154	42,025	42,609
Shimla	30	—	6,320	7,837	22,270	21,976
Sirmaur	26	—	2,852	3,397	25,460	25,754
Solan	—	—	1,419	1,712	24,838	24,344
Una	—	—	2	15	29,930	27,741
State Total	56	—	32,643	36,067	3,07,575	2,86,324

als—contd.

Ragi or Marua		Italian millets		Kodo or Varagu			Common Little Millet		
Current	Normal	Current	Normal	Current	Normal	Current	Normal		
24	25	26	27	28	29	30	31	32	33
4	8	—	—	—	—	—	—	—	—
272	258	—	—	—	—	—	—	2,359	2,659
39	40	—	—	—	—	—	—	8	—
—	—	—	—	—	—	113	—	—	5,949
220	218	—	—	—	—	—	—	3,770	4,519
—	—	—	—	—	—	—	—	3,744	3,119
—	—	—	—	—	—	221	—	—	—
3,497	4,834	415	—	—	—	32	—	1,166	1,166
3,049	3,763	—	—	—	—	5	—	7,656	8,719
803	973	—	—	—	—	205	—	632	—
—	—	—	—	—	—	5	—	—	—
—	—	—	—	—	—	—	—	—	—
7,884	10,094	415	—	—	—	581	—	19,335	27,741

TABLE

Area under Food Crops in each District of

District	Cereals—concl'd.							
	Other Cereals						Total Cereals	
	Kharif		Rabi		Total			
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
34	35	36	37	38	39	40	41	
Bilaspur	—	—	—	—	—	—	55,150	53,129
Chamba	—	—	—	—	—	—	57,889	55,852
Hamirpur	—	—	—	—	—	—	71,103	68,699
Kangra	—	—	—	—	—	—	2,04,867	1,77,459
Kinnaur	—	—	—	—	—	—	7,338	8,656
Kullu	—	—	—	—	—	—	45,648	44,096
Lahaul-Spiti	—	—	—	—	—	—	1,575	1,703
Mandi	—	—	—	—	—	—	1,45,901	1,43,289
Shimla	—	—	—	—	—	—	77,324	82,014
Sirmaur	—	—	—	—	—	—	64,345	65,855
Solan	—	—	—	—	—	—	52,598	53,045
Una	—	—	—	—	—	—	65,481	62,066
State Total	—	—	—	—	—	—	8,49,219	8,15,863

District	Pulses					
	Horse Gram		Masur		Other	
	Kharif					
	Current	Normal	Current	Normal	Current	Normal
50	51	52	53	54	55	
Bilaspur	603	595	26	29	211	195
Chamba	485	463	153	147	159	165
Hamirpur	885	765	46	41	—	—
Kangra	1,204	1,105	268	275	306	326
Kinnaur	2	3	—	—	146	145
Kullu	96	87	37	31	657	650
Lahaul-Spiti	—	—	—	—	—	—
Mandi	1,024	997	586	568	1,218	1,175
Shimla	1,193	1,205	141	135	685	618
Sirmaur	727	713	422	425	180	175
Solan	1,126	1,095	79	70	550	535
Una	315	295	101	105	54	56
State Total	7,660	7,323	1,859	1,826	4,166	4,040

NO. IV-A—cont'd.

Himachal Pradesh (State) in 1984-85—cont'd.

(In hectares)

District	Pulses							
	Gram		Green Gram or Mung		Red Gram or Tur (Arhar)		Black Gram or Urd (Masb)	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
	42	43	44	45	46	47	48	49
Bilaspur	427	1,715	4	2	—	—	1,219	1,661
Chamba	6	3	2	6	—	—	3,215	2,796
Hamirpur	10	1,327	1	2	—	—	1,192	1,763
Kangra	334	542	2	7	—	—	4,833	3,811
Kinnaur	—	—	—	—	213	—	33	34
Kullu	9	15	1	11	—	—	2,002	2,156
Lahaul-Spiti	—	—	—	—	—	—	—	—
Mandi	114	246	7	4	3	—	2,743	2,899
Shimla	9	31	—	—	—	—	2,484	2,654
Sirmaur	420	826	11	3	13	—	1,858	1,726
Solan	2,276	3,239	—	2	95	—	2,687	2,313
Una	307	3,869	54	46	1	—	1,277	1,395
State Total	3,912	11,813	82	83	325	—	23,543	23,208

ses—concl'd.

pulses

District	Total Pulses					
	Rabi		Total		Total Pulses	
	Current	Normal	Current	Normal	Current	Normal
	56	57	58	59	60	61
Bilaspur	121	111	332	306	2,611	4,308
Chamba	—	—	159	165	4,020	3,580
Hamirpur	—	—	—	—	2,134	3,898
Kangra	99	105	405	431	7,046	6,171
Kinnaur	99	103	245	248	493	285
Kullu	205	191	862	841	3,007	3,141
Lahaul-Spiti	280	275	280	275	280	275
Mandi	19	21	1,237	1,196	5,714	5,910
Shimla	24	23	709	641	4,536	4,666
Sirmaur	467	475	647	650	4,098	4,343
Solan	730	705	1,280	1,240	7,543	7,959
Una	10	7	64	63	2,119	5,773
State Total	2,054	2,016	6,220	6,056	43,601	50,309

TABLE NO.
Area under Food Crops in each District of

District	Total Foodgrains	
	Current 62	Normal 63
1		
Bilaspur ..	57,761	57,437
Chamba ..	61,909	59,432
Hamirpur ..	73,237	72,597
Kangra ..	2,11,913	1,83,630
Kinnaur ..	7,831	8,941
Kullu ..	48,655	47,237
Lahaul-Spiti ..	1,855	1,978
Mandi ..	1,51,615	1,49,199
Shimla ..	81,860	86,680
Sirmaur ..	68,443	70,198
Solan ..	60,141	61,004
Una ..	67,600	67,839
State Total ..	8,92,820	8,66,172

District	Fruits			
	Banana		Citrus fruits	
	Current 70	Normal 71	Current 72	Normal 73
1				
Bilaspur ..	140	112	—	—
Chamba ..	—	—	—	—
Hamirpur ..	—	—	—	—
Kangra ..	—	—	43	33
Kinnaur ..	—	—	—	—
Kullu ..	—	—	—	—
Lahaul-Spiti ..	—	—	—	—
Mandi ..	—	—	—	—
Shimla ..	—	—	—	—
Sirmaur ..	—	4	79	65
Solan ..	—	—	—	—
Una ..	—	—	—	—
State Total ..	140	116	122	98

IV-A—contd.

Himachal Pradesh (State) in 1984-85—contd.

(In hectares)

Sugarcane		Fresh Fruits			
		Apples		Grapes	
Current 64	Normal 65	Current 66	Normal 67	Current 68	Normal 69
155	142	—	—	—	—
1	16	876	179	—	—
317	132	—	—	—	—
319	302	—	—	9	8
—	—	963	508	—	—
—	—	4,077	3,659	—	—
—	—	7	3	—	—
19	42	906	3,557	—	—
—	—	14,732	11,396	—	—
1,054	1,028	785	708	—	—
378	261	6	228	—	—
1,116	1,108	—	—	—	—
3,359	3,031	22,352	20,238	9	8

—contd.

Mangoes		Peaches and Pears		Other fresh fruits	
Current 74	Normal 75	Current 76	Normal 77	Current 78	Normal 79
—	—	—	—	43	—
—	2	—	—	99	620
17	12	—	—	—	8
3,918	644	—	—	—	1,725
—	—	—	—	43	45
—	—	—	—	614	245
—	—	—	—	—	—
151	33	—	—	2,834	1,536
—	—	—	—	3	126
99	94	139	—	96	154
—	5	1	—	697	651
20	51	—	—	21	86
4,205	841	140	—	4,450	5,196

TABLE NO.

Area under Food Crops in each District of

Fruits—

District	Dry Fruit					
	Total fresh fruits		Cashew Nuts		Other dry fruits	
	Current	Normal	Current	Normal	Current	Normal
1	80	81	82	83	84	85
Bilaspur	183	112	—	—	—	—
Chamba	975	801	—	—	—	—
Hamirpur	17	20	—	—	—	5
Kangra	3,961	2,402	—	—	—	—
Kinnaur	1,015	561	—	—	415	265
Kullu	4,691	3,904	—	—	—	—
Lahaul-Spiti	7	3	—	—	—	—
Mandi	3,891	5,126	—	—	—	5
Shimla	14,735	11,522	—	—	1	—
Sirmaur	1,198	1,025	—	—	2	10
Solan	704	884	—	—	—	—
Una	41	137	—	—	—	—
State Total	31,418	26,497	—	—	418	285

Vegetables—

other

District	Vegetables—									
	Sweet Potatoes		Onion		Winter		Summer		Total other Vegetables	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
1	94	95	96	97	98	99	100	101	102	103
Bilaspur	—	—	81	81	136	29	—	106	136	135
Chamba	—	—	33	41	—	35	68	215	68	250
Hamirpur	—	—	47	60	15	37	118	78	133	115
Kangra	—	—	254	289	326	306	258	363	584	669
Kinnaur	—	—	—	—	5	37	35	17	42	52
Kullu	—	—	11	12	656	195	108	337	764	532
Lahaul-Spiti	—	—	—	—	—	—	10	6	10	6
Mandi	—	—	137	93	631	331	808	543	1,439	874
Shimla	—	—	4	5	1,592	885	855	914	2,447	1,799
Sirmaur	—	—	30	42	481	240	74	201	555	441
Solan	—	—	2	20	198	258	1,208	991	1,406	1,249
Una	—	—	36	33	134	205	224	186	358	391
State Total	—	—	635	676	4,174	2,556	3,768	3,957	7,942	6,513

IV-A—contd.

Himachal Pradesh (State) in 1984-85—contd.

(In hectares)

concl'd.

Total dry Fruits		Total dry Fruits and fresh Fruits		Potatoes		Vegetables	
Current	Normal	Current	Normal	Current	Normal	Current	Normal
86	87	88	89	90	91	92	93
—	—	183	112	28	15	—	—
—	—	975	801	474	432	—	—
—	5	17	25	6	7	—	—
—	—	3,961	2,402	858	850	—	—
415	265	1,430	826	447	477	—	—
—	—	4,691	3,904	948	1,053	—	—
—	—	7	3	1,145	1,313	—	—
—	—	3,891	5,131	1,934	2,111	—	—
1	—	14,736	11,522	6,556	7,551	—	—
2	2	1,200	1,035	1,022	851	—	—
—	—	704	884	145	169	—	—
—	—	41	137	176	125	—	—
418	285	31,836	26,782	13,739	14,954	—	—

concl'd.

Vegetables

Total Vegetable		Total Fruits and Vegetables		Other Misc. Food Crops		Betel nuts	
Current	Normal	Current	Normal	Current	Normal	Current	Normal
104	105	106	107	108	109	110	111
245	231	428	366	—	3	—	—
575	723	1,550	1,524	—	—	—	—
186	182	203	207	—	—	—	—
1,696	1,808	5,657	4,210	—	—	—	—
489	529	1,919	1,355	—	97	—	—
1,723	1,597	6,414	5,501	—	51	—	—
1,155	1,319	1,162	1,322	—	1	—	—
3,510	3,078	7,401	8,209	—	109	—	—
9,067	9,355	23,743	20,877	—	1	—	—
1,607	1,334	2,807	2,369	1,489	—	—	—
1,553	1,438	2,257	2,322	—	—	—	—
570	549	611	686	—	—	—	—
22,316	22,143	54,152	48,925	1,489	262	—	—

TABLE NO.
Area under Food Crops in each District of

District 1	Condiments			
	Cardamoms		Chillies	
	Current 112	Normal 113	Current 114	Normal 115
Bilaspur	1	—	12	10
Chamba	—	—	50	31
Hamirpur	—	—	—	4
Kangra	—	—	33	83
Kinnaur	—	—	—	—
Kullu	—	—	107	119
Lahaul-Spiti	—	—	—	—
Mandi	—	—	159	152
Shimla	—	—	228	190
Sirmaur	—	—	246	288
Solan	—	—	6	7
Una	—	—	8	10
State Total	1	—	849	894

TABLE NO.
Area under Non-food Crops in each District

District 1	NON-FOOD			
	FIBRES			
	Cotton			
	Desi		American	
Current	Normal	Current	Normal	
2	3	4	5	
Bilaspur	—	47	35	—
Chamba	—	—	—	—
Hamirpur	11	17	—	—
Kangra	169	54	—	97
Kinnaur	—	—	—	—
Kullu	—	—	—	—
Lahaul-Spiti	—	—	—	—
Mandi	—	5	—	5
Shimla	—	—	—	—
Sirmaur	24	43	—	36
Solan	126	177	—	50
Una	53	74	55	36
State Total	383	417	90	224

IV-A—concl.

Himachal Pradesh (State) in 1984-85—concl.

(In hectares)

and spices												Total Food Crops	
Ginger		Pepper		Turmeric		Other condiments and spices		Total condiments and spices		Current 126	Normal 127		
Current 116	Normal 117	Current 118	Normal 119	Current 120	Normal 121	Current 122	Normal 123	Current 124	Normal 125				
93	61	—	—	11	14	17	19	133	104	58,477	58,029		
—	—	—	—	—	—	—	38	50	69	63,510	61,041		
2	1	—	—	10	24	1	5	13	34	73,770	72,970		
15	14	—	—	7	16	7	14	62	127	2,17,951	1,88,269		
—	—	—	—	—	—	2	1	32	1	9,753	10,394		
—	—	—	—	—	—	40	44	147	163	55,216	52,952		
—	—	—	—	—	—	—	—	—	—	3,017	3,301		
7	3	—	—	1	3	13	22	180	180	1,59,215	1,57,739		
128	115	—	—	2	—	65	33	423	338	1,06,026	1,07,896		
1,498	1,573	—	—	—	6	70	145	1,814	2,012	75,607	75,607		
318	249	—	—	—	1	3	8	327	265	63,103	63,852		
1	—	—	—	3	3	4	3	16	16	69,343	69,649		
2,062	2,016	—	—	34	67	223	332	3,168	3,309	9,54,986	9,21,699		

IV-B

of Himachal Pradesh (State) in 1983-84

(In hectares)

CROPS

RES

Total		Jute		San Hemp		Other fibres	
Current	Normal	Current	Normal	Current	Normal	Current	Normal
6	7	8	9	10	11	12	13
35	47	—	—	5	6	—	—
—	—	—	—	—	2	—	—
—	17	—	—	1	3	—	—
169	151	—	—	137	65	—	—
—	—	—	—	—	—	—	—
—	—	—	—	84	78	—	—
—	—	—	—	—	—	—	—
—	10	—	—	—	—	146	186
—	—	—	—	—	—	—	1
24	79	—	—	10	44	—	—
126	227	—	—	3	11	—	—
108	110	—	—	67	56	—	—
473	641	—	—	303	265	146	187

TABLE NO.

Area under Non-food Crops in each District of

District	Oil					
	Fibres—concl'd.		Edi-			
	Total fibres		Groundnut		Coconut	
	Current	Normal	Current	Normal	Current	Normal
1	14	15	16	17	18	19
Bilaspur ..	40	53	10	29	—	—
Chamba ..	—	2	—	—	—	—
Hamirpur ..	12	20	—	—	—	—
Kangra ..	302	216	3	7	—	—
Kinnaur ..	—	—	—	—	—	—
Kullu ..	84	78	—	6	—	—
Lahaul-Spiti ..	—	—	—	—	—	—
Mandi ..	146	196	10	12	—	—
Shimla ..	—	1	6	5	—	—
Sirmaur ..	34	123	62	62	—	—
Solan ..	129	238	711	1,161	—	—
Una ..	175	166	35	32	—	—
State Total ..	922	1,093	837	1,314	—	—

District	Edible—concl'd.			
	Total edible oil seeds		Linseed	
	Current	Normal	Current	Normal
1	28	29	30	31
Bilaspur ..	1,045	1,269	8	9
Chamba ..	2,619	2,834	70	78
Hamirpur ..	219	344	—	1
Kangra ..	6,019	5,144	4,481	4,628
Kinnaur ..	15	30	—	—
Kullu ..	466	527	—	—
Lahaul-Spiti ..	11	12	—	—
Mandi ..	515	520	553	587
Shimla ..	425	469	—	—
Sirmaur ..	1,418	1,368	13	4
Solan ..	1,832	2,322	—	4
Una ..	1,567	1,697	7	27
State Total ..	16,151	16,536	5,132	5,338

IV-B—cont'd.

Himachal Pradesh (State) in 1984-85—cont'd.

(In hectares)

seeds							
ble							
Sesamum		Rape		Mustard		Others including safflower seed, sunflower etc.	
Current	Normal	Current	Normal	Current	Normal	Current	Normal
20	21	22	23	24	25	26	27
556	487	4	244	254	294	221	215
52	90	—	3	2,567	2,741	—	—
193	246	—	30	26	68	—	—
5,036	4,467	171	82	809	588	—	—
—	—	—	15	15	15	—	—
6	5	2	3	458	513	—	—
—	—	—	—	11	12	—	—
128	99	—	15	360	377	17	17
88	75	—	—	329	388	2	1
440	495	66	19	559	507	291	285
537	418	—	243	258	175	326	325
1,008	1,047	16	33	214	295	294	290
8,044	7,429	259	687	5,860	5,973	1,151	1,133

Non-edible							
Castor		Others including dill or sowa mast-wood, neerali and niger-seed		Total non-edible oil seeds		Total oil seeds	
Current	Normal	Current	Normal	Current	Normal	Current	Normal
32	33	34	35	36	37	38	39
—	—	—	—	8	9	1,053	1,078
—	—	—	—	70	78	2,689	2,912
—	—	—	—	—	1	219	345
—	—	—	—	4,481	4,628	10,500	9,772
—	—	—	—	—	—	15	30
—	—	—	—	—	—	466	527
—	—	—	—	—	—	11	12
—	—	—	—	553	587	1,068	1,107
—	—	—	—	—	—	425	469
—	—	—	—	13	4	1,431	1,372
—	—	24	—	24	4	1,856	2,326
—	—	—	—	7	27	1,574	1,724
—	—	24	—	5,156	5,338	21,307	21,874

TABLE NO.

Area under Non-food Crops in each District of

Dyes and Tanning Materials

District	Indigo		Other Dyes and Tanning Materials		Total Dyes and Tanning Materials	
	Current	Normal	Current	Normal	Current	Normal
	40	41	42	43	44	45
1						
Bilaspur ..	—	—	—	—	—	—
Chamba ..	—	—	—	—	—	—
Hamirpur ..	—	—	—	—	—	—
Kangra ..	—	—	—	—	—	—
Kinnaur ..	—	—	—	—	—	—
Kullu ..	—	—	—	—	—	—
Lahaul-Spiti ..	—	—	—	—	—	—
Mandi ..	—	—	—	—	—	—
Shimla ..	—	—	—	—	—	—
Sirmaur ..	—	—	—	—	—	—
Solan ..	—	—	—	—	—	—
Una ..	—	—	—	—	—	—
State Total ..	—	—	—	—	—	—

Drugs and Narcotics

District	Indian Hemp		Opium		Cinchona		Other Drugs and Narcotics	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
	54	55	56	57	58	59	60	61
1								
Bilaspur ..	—	—	—	—	—	—	—	1
Chamba ..	—	—	—	—	—	—	—	—
Hamirpur ..	—	—	—	—	—	—	—	—
Kangra ..	—	—	—	—	—	—	—	—
Kinnaur ..	—	—	—	—	—	—	—	12
Kullu ..	—	—	—	—	—	—	—	—
Lahaul-Spiti ..	—	—	—	—	—	—	122	24
Mandi ..	—	—	—	—	—	—	—	—
Shimla ..	—	—	—	—	—	—	—	3
Sirmaur ..	—	—	—	—	—	—	—	5
Solan ..	—	—	—	—	—	—	17	11
Una ..	—	—	—	—	—	—	—	1
State Total ..	—	—	—	—	—	—	141	57

IV-B—concl'd.

Himachal Pradesh (State) in 1984-85—concl'd.

(In hectares)

Drugs and Narcotics

Rubber		Tobacco		Coffee		Tea	
Current	Normal	Current	Normal	Current	Normal	Current	Normal
46	47	48	49	50	51	52	53
—	—	9	30	—	—	—	—
—	—	77	81	—	—	—	—
—	—	1	5	—	—	—	—
—	—	1	15	—	—	2,584	2,545
—	—	—	—	—	—	—	—
—	—	46	56	—	—	—	—
—	—	—	—	—	—	—	—
—	—	58	38	—	—	498	530
—	—	5	10	—	—	—	—
—	—	24	59	—	—	—	—
—	—	—	24	—	—	—	—
—	—	6	3	—	—	—	—
—	—	227	321	—	—	3,082	3,075

—concl'd.

Other Misc.

Total Drugs and Narcotics		Fodder crops		Non-food crops		Total Non-food crops	
Current	Normal	Current	Normal	Current	Normal	Current	Normal
62	63	64	65	66	67	68	69
9	31	166	119	—	—	1,268	1,428
77	81	—	27	—	—	2,766	3,020
1	5	70	58	—	—	302	408
2,585	2,560	1,927	2,311	—	—	15,314	14,643
—	12	—	12	42	—	57	54
46	56	46	37	—	—	642	620
122	24	—	15	—	—	133	51
556	568	626	657	—	—	2,396	2,332
7	13	—	11	1	—	433	493
24	64	1,690	1,094	—	—	3,179	2,530
17	35	1,102	825	—	—	3,104	3,186
6	4	1,722	1,667	2	—	3,479	3,395
3,450	3,453	7,349	6,833	45	—	33,073	32,160

TABLE

Details of Cropped Area in each District of

Gross Cropped Area

District	Gross Cropped Area						Grand Total
	Kharif*		Rabi*		Total*		
	Food Crops	Non-Food Crops	Food Crops	Non-Food Crops	Food Crops	Non-Food Crops	
1	2	3	4	5	6	7	8
Bilaspur	30,831	697	27,646	571	58,477	1,268	59,745
Chamba	3,38,641	129	24,870	2,637	63,510	2,766	66,276
Hamirpur	37,761	209	36,009	93	73,770	302	74,072
Kangra	1,18,440	8,530	99,510	6,784	2,17,951	15,314	2,33,265
Kinnaur	6,685	42	3,066	15	9,752	57	9,809
Kullu	30,815	146	24,401	496	55,216	642	55,858
Lahaul-Spiti	1,404	122	1,613	11	3,017	133	3,150
Mandi	84,810	518	74,405	1,878	1,59,215	2,396	1,61,611
Shimla	65,644	104	40,382	329	1,06,026	433	1,06,459
Sirmaur	40,800	1,780	34,807	1,399	75,607	3,179	78,786
Solan	36,114	2,377	26,989	727	63,103	3,104	66,207
Una	34,699	2,766	34,644	713	69,343	3,479	72,822
State Total	8,26,644	17,420	4,28,342	15,653	9,54,986	33,073	9,88,066

*The season may be according to the recognised customs of the State.

NO. V

Himachal Pradesh (State) in 1984-85

(In hectares)

Area cropped more than once	Net Cropped area	Area under Mixed Sowing										
		Cropped area of Forecast Crops		Wheat-Barley (Crop-Mixture)			Crops at the rate of Mixture					
		Matured	Failed	Gross area unad-justed	Net area under		Gross area (unad-justed)	Net area under	Total unad-justed area under mixture			
					Wheat	Barley						
9	10	11	12	13	14	15	16	17	18	19		
27,890	31,855	20,101	39,644	—	—	—	—	—	—	—	—	—
23,549	42,727	27,015	39,261	—	—	—	—	—	—	—	—	—
35,584	38,488	37,389	36,683	—	—	—	—	—	—	—	—	—
1,10,790	1,22,475	2,33,265	—	—	—	—	—	—	—	—	—	—
2480 20,773	7,330	7,257	2,553	—	—	—	—	—	—	—	—	—
50	35,085	20,151	35,707	—	—	—	—	—	—	—	—	—
67,073	3,100	3,118	32	—	—	—	—	—	—	—	—	—
31,992	94,538	82,930	68,220	—	—	—	—	—	—	—	—	10,461
34,529	74,467	53,800	52,659	—	—	—	—	—	—	—	—	—
23,135	44,257	40,644	38,142	—	—	—	—	—	—	—	—	—
30,191	43,072	3,3847	27,943	—	—	—	—	—	—	—	—	—
	42,631	37,933	34,889	—	—	—	—	—	—	—	—	4,417
4,08,036	5,80,025	5,97,446	3,75,733	—	—	—	—	—	—	—	—	14,878

One separate column be given for each crop mixture.

TABLE

Standard yield per hectare and yield per hectare of the Principal

District	Food								
	Rice								
	Autumn (Aus)			Winter (Aman)			Summer (Boro)		
	Standard factor	Condition factor	Current rent	Standard factor	Condition factor	Current rent	Standard factor	Condition factor	Current rent
1	2	3	4	5	6	7	8	9	10
Bilaspur	—	—	—	—	—	—	759	—	680
Chamba	—	—	—	—	—	—	1,299	—	1,680
Hamirpur	—	—	—	—	—	—	875	—	961
Kangra	—	—	—	—	—	—	1,188	—	1,326
Kinnaur	—	—	—	—	—	—	1,099	—	1,237
Kullu	—	—	—	—	—	—	1,354	—	1,339
Lahaul-Spiti	—	—	—	—	—	—	—	—	1,075
Mandi	—	—	—	—	—	—	977	—	1,646
Shimla	—	—	—	—	—	—	1,214	—	1,646
Sirmaur	—	—	—	—	—	—	1,214	—	1,112
Solan	—	—	—	—	—	—	971	—	612
Una	—	—	—	—	—	—	809	—	612
State Average	—	—	—	—	—	—	1,090	—	1,237

District	Food					
	Barley			Maize		
	Standard	Condition factor	Current	Standard	Condition factor	Current
	23	24	25	26	27	28
1	23	24	25	26	27	28
Bilaspur	1,032	—	851	1,575	—	1,921
Chamba	869	—	808	1,676	—	1,418
Hamirpur	1,032	—	851	1,502	—	1,895
Kangra	866	—	954	1,711	—	1,723
Kinnaur	1,057	—	862	1,719	—	1,897
Kullu	1,439	—	1,582	2,146	—	2,163
Lahaul-Spiti	—	—	1,126	—	—	1,118
Mandi	982	—	779	1,835	—	1,950
Shimla	1,102	—	652	1,673	—	1,715
Sirmaur	943	—	486	2,487	—	2,709
Solan	473	—	334	1,830	—	2,178
Una	1,032	—	851	1,436	—	1,696
State Average	1,021	—	851	1,751	—	1,897

NO. V-A.

Crops in each District of Himachal Pradesh (State) for the year 1984-85 (In kg. per hectare)

Crops	Food											
	Wheat			Jowar or Cholum						Bajra or Cumbu		
				Rabi		Kharif		Bajra or Cumbu				
	Standard	Condition factor	Current	Standard	Condition factor	Current	Standard	Condition factor	Current	Standard	Condition factor	Current
11	12	13	14	15	16	17	18	19	20	21	22	
788	—	312	—	—	—	—	—	—	—	—	—	
1,021	—	885	—	—	—	—	—	—	—	—	—	
707	—	336	—	—	—	—	—	—	—	—	—	
907	—	833	—	—	—	—	—	—	—	—	—	
950	—	1,030	—	—	—	—	—	—	—	—	—	
1,386	—	1,547	—	—	—	—	—	—	—	—	—	
—	—	1,126	—	—	—	—	—	—	—	—	—	
933	—	660	—	—	—	—	—	—	—	—	—	
870	—	761	—	—	—	—	—	—	—	—	—	
1,028	—	518	—	—	—	—	—	—	—	—	—	
713	—	523	—	—	—	—	—	—	—	—	—	
830	—	645	—	—	—	—	—	—	—	—	—	
893	—	696	—	—	—	—	—	—	—	—	—	

Crops—contd.

Crops	Food											
	Ragi or Marua			Italian Millets			Kodo or Varagu			Common Millets		
	Standard	Condition factor	Current	Standard	Condition factor	Current	Standard	Condition factor	Current	Standard	Condition factor	Current
	29	30	31	32	33	34	35	36	37	38	39	40
—	—	—	—	—	—	—	500	—	500	—	—	—
664	—	591	—	—	—	—	—	—	—	253	—	227
—	—	350	—	—	—	—	—	—	—	—	—	580
500	—	500	—	—	—	—	—	—	—	600	—	600
872	—	872	—	—	—	—	—	—	—	411	—	265
470	—	—	—	—	—	—	780	—	—	711	—	—
—	—	320	—	—	—	—	—	—	—	—	—	—
767	—	686	—	—	—	—	—	—	—	—	—	—
987	—	730	—	—	—	—	—	—	—	1,016	—	772
747	—	713	—	—	—	—	—	—	—	462	—	439
—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—
715	—	595	—	—	—	—	640	—	500	575	—	467

TABLE

Standard yield per hectare and yield per hectare of the Principal

District	Food					
	Gram			Green Gram or Moong		
	Standard	Condition factor	Current	Standard	Condition factor	Current
1	41	42	43	44	45	46
Bilaspur ..	392	—	24	400	—	—
Chamba ..	479	—	479	348	—	233
Hamirpur ..	380	—	240	—	—	—
Kangra ..	550	—	550	400	—	400
Kinnaur ..	—	—	—	—	—	—
Kullu ..	375	—	—	250	—	—
Lahaul-Spiti ..	—	—	—	—	—	—
Mandi ..	534	—	267	374	—	333
Shimla ..	378	—	105	323	—	—
Sirmaur ..	818	—	619	277	—	252
Solan ..	405	—	405	—	—	—
Una ..	975	—	900	400	—	259
State Average ..	525	—	398	346	—	295

District	Food								
	Sugarcane			Potatoes			Cardamom		
	Standard	Condition factor	Current	Standard	Condition factor	Current	Standard	Condition factor	Current
1	59	60	61	62	63	64	65	66	67
Bilaspur ..	1,500	—	997	4,000	—	2,250	—	—	—
Chamba ..	—	—	—	1,259	—	844	—	—	—
Hamirpur ..	1,500	—	1,350	1,600	—	960	—	—	—
Kangra ..	1,230	—	1,230	11,000	—	11,000	—	—	—
Kinnaur ..	—	—	—	—	—	3,011	—	—	—
Kullu ..	—	—	—	3,870	—	—	—	—	—
Lahaul-Spiti ..	—	—	—	4,865	—	4,860	—	—	—
Mandi ..	1,385	—	1,385	3,644	—	3,261	—	—	—
Shimla ..	—	—	—	3,504	—	3,277	—	—	—
Sirmaur ..	2,576	—	1,610	—	—	2,026	—	—	2,604
Solan ..	1,348	—	1,348	5,204	—	5,204	—	—	—
Una ..	2,000	—	1,070	6,000	—	5,750	—	—	—
State Average ..	1,648	—	1,284	4,494	—	3,916	—	—	2,604

ND. V-A—concl.

Crops in each District of Himachal Pradesh (State) for the year 1984-85—contd.

(In kg. per hectere).

Crops—contd.											
Red Gram or Tur (Arhar)			Black Gram or Urd (Mash)			Horse Gram (Kulth)			Masur		
Standard	Condition factor	Current	Standard	Condition factor	Current	Standard	Condition factor	Current	Standard	Condition factor	Current
47	48	49	50	51	52	53	54	55	56	57	58
—	—	—	260	—	148	260	—	138	400	—	108
—	—	—	348	—	233	348	—	233	184	—	147
—	—	—	350	—	240	350	—	240	300	—	300
400	—	400	250	—	250	260	—	260	400	—	400
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	300	—	—	350	—	—	325	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	374	—	328	374	—	331	519	—	210
—	—	—	323	—	161	323	—	171	230	—	80
277	—	277	369	—	229	369	—	229	277	—	142
—	—	—	443	—	443	443	—	443	570	—	570
—	—	—	400	—	224	400	—	156	400	—	360
338	—	338	341	—	250	347	—	244	360	—	257

Crops—contd.											
Chillies			Turmeric			Pepper			Other condiments & spices		
Standard	Condition factor	Current	Standard	Condition factor	Current	Standard	Condition factor	Current	Standard	Condition factor	Current
68	69	70	71	72	73	74	75	76	77	78	79
300	—	276	400	—	364	—	—	—	—	—	—
228	—	153	—	—	—	—	—	—	—	—	—
50	—	—	300	—	225	—	—	—	—	—	—
50	—	50	41	—	41	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
600	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
201	—	161	—	—	—	—	—	—	—	—	—
250	—	115	—	—	—	—	—	—	—	—	—
364	—	337	1,000	—	—	—	—	—	—	—	—
250	—	250	—	—	—	—	—	—	—	—	—
500	—	500	600	—	667	—	—	—	—	—	—
279	—	230	585	—	324	—	—	—	—	—	—

TABLE NO.

Standard yield per hectare and yield per hectare of the Principal Crops in

District	Non-Food					
	Ginger			Sesamum		
	Standard	Condition factor	Current	Standard	Condition factor	Current
1	80	81	82	83	84	85
Bilaspur ..	1,200	—	876	600	—	138
Chamba ..	—	—	—	184	—	153
Hamirpur ..	—	—	800	275	—	237
Kangra ..	—	—	—	320	—	326
Kinnaur ..	—	—	—	—	—	—
Kullu ..	—	—	—	325	—	—
Lahaul-Spiti ..	—	—	—	—	—	—
Mandi ..	4,098	—	3,415	184	—	165
Shimla ..	1,844	—	1,401	184	—	108
Sirmaur ..	1,844	—	1,438	277	—	127
Solan ..	2,514	—	2,514	184	—	184
Una ..	1,000	—	1,000	375	—	192
State Average ..	1,916	—	1,634	290	—	180

District	Non-Food					
	Indigo			Rubber		
	Standard	Condition factor	Current	Standard	Condition factor	Current
1	98	99	100	101	102	103
Bilaspur ..	—	—	—	—	—	—
Chamba ..	—	—	—	—	—	—
Hamirpur ..	—	—	—	—	—	—
Kangra ..	—	—	—	—	—	—
Kinnaur ..	—	—	—	—	—	—
Kullu ..	—	—	—	—	—	—
Lahaul-Spiti ..	—	—	—	—	—	—
Mandi ..	—	—	—	—	—	—
Shimla ..	—	—	—	—	—	—
Sirmaur ..	—	—	—	—	—	—
Solan ..	—	—	—	—	—	—
Una ..	—	—	—	—	—	—
State Average ..	—	—	—	—	—	—

V-A—contd.

each District of Himachal Pradesh (State) for the year 1984-85—contd. (In kg. per hectare).

Crops	Non-Food											
	Rape			Mustard			Linseed			Groundnut		
	Standard	Condition factor	Current	Standard	Condition factor	Current	Standard	Condition factor	Current	Standard	Condition factor	Current
86	87	88	89	90	91	92	93	94	95	96	97	
400	—	400	400	—	68	400	—	352	333	—	333	
—	—	—	284	—	227	184	—	144	—	—	—	
—	—	—	250	—	250	150	—	150	—	—	—	
245	—	245	232	—	237	160	—	160	—	—	—	
—	—	—	—	—	184	—	—	—	—	—	—	
300	—	—	—	—	—	—	—	—	—	—	—	
—	—	—	415	—	415	—	—	—	—	—	—	
281	—	—	281	—	106	182	—	—	—	—	—	
—	—	—	168	—	34	—	—	—	490	—	—	
611	—	593	611	—	149	277	—	122	338	—	325	
—	—	—	219	—	219	—	—	—	1,107	—	1,107	
400	—	125	400	—	320	—	—	—	1,000	—	800	
372	—	340	326	—	200	225	—	185	653	—	640	

Crops	Non-Food											
	Tobacco			Coffee			Tea			Indian Hemp		
	Standard	Condition factor	Current	Standard	Condition factor	Current	Standard	Condition factor	Current	Standard	Condition factor	Current
104	105	106	107	108	109	110	111	112	113	114	115	
600	—	264	—	—	—	—	—	—	—	—	—	
348	—	321	—	—	—	—	—	—	—	—	—	
250	—	—	—	—	—	—	—	—	—	—	—	
750	—	750	—	—	—	400	—	350	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	
250	—	—	—	—	—	—	—	—	—	—	—	
427	—	267	—	—	—	—	—	—	—	—	—	
230	—	—	—	—	—	—	—	—	—	—	—	
289	—	138	—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	—	
393	—	348	—	—	—	400	—	350	—	—	—	
700	—	500	—	—	—	—	—	—	—	—	—	
424	—	370	—	—	—	490	—	350	—	—	—	

TABLE NO.

Standard yield per hectare and yield per hectare of the Principal Crops

District	Opium			Cinchona			Cotton Desi		
	Standard	Condition factor	Current	Standard	Condition factor	Current	Standard	Condition factor	Current
1	116	117	118	119	120	121	122	123	124
Bilaspur ..	—	—	—	—	—	—	—	—	—
Chamba ..	—	—	—	—	—	—	—	—	—
Hamirpur ..	—	—	—	—	—	—	50	—	50
Kangra ..	—	—	—	—	—	—	245	—	245
Kinnaur ..	—	—	—	—	—	—	—	—	—
Kullu ..	—	—	—	—	—	—	—	—	—
Lahaul-Spiti ..	—	—	—	—	—	—	184	—	—
Mandi ..	—	—	—	—	—	—	—	—	—
Shimla ..	—	—	—	—	—	—	642	—	642
Sirmaur ..	—	—	—	—	—	—	461	—	461
Solan ..	—	—	—	—	—	—	316	—	349
Una ..	—	—	—	—	—	—	700	—	268
State Average..	—	—	—	—	—	—	371	—	336

V-A—concl'd.

In each District of Himachal Pradesh (State) for the year 1984-85—concl'd.
(In kg. per hectare).

Cotton American			San Hemp			Jute			Castor		
Standard	Condition factor	Current	Standard	Condition factor	Current	Standard	Condition factor	Current	Standard	Condition factor	Current
125	126	127	128	129	130	131	132	133	134	135	136
440	—	365	300	—	300	—	—	—	—	—	—
—	—	—	500	—	500	—	—	—	—	—	—
—	—	—	130	—	130	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	800	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	182	—	146	—	—	—	—	—	—
—	—	—	300	—	300	—	—	—	—	—	—
—	—	365	368	—	275	—	—	—	—	—	—
700	—	268	500	—	493	—	—	—	—	—	—
570	—	332	385	—	306	—	—	—	—	—	—

TABLE NO.

Total Outturn of Principal Crops in each District

District	Food					
	Rice					
	Autumn (Aus)		Winter (Aman)		Summer (Boro)	
	Current	Normal	Current	Normal	Current	Normal
1	2	3	4	5	6	7
Bilaspur	—	—	—	—	2,337	3,699
Chamba	—	—	—	—	5,287	2,962
Hamirpur	—	—	—	—	4,259	6,317
Kangra	—	—	—	—	51,442	34,909
Kinnaur	—	—	—	—	24	39
Kullu	—	—	—	—	4,018	4,397
Lahaul-Spiti	—	—	—	—	—	—
Mandi	—	—	—	—	28,300	26,584
Shimla	—	—	—	—	8,255	4,178
Sirmaur	—	—	—	—	7,328	4,961
Solan	—	—	—	—	4,940	4,938
Una	—	—	—	—	1,037	2,298
State Total	—	—	—	—	1,17,227	95,282

Food Crops

District	Food Crops							
	Bajra or Cumbu		Barley		Maize		Ragi or Marua	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
1	18	19	20	21	22	23	24	25
Bilaspur	—	—	304	474	47,702	33,690	—	8
Chamba	—	—	4,837	5,602	39,665	44,700	182	121
Hamirpur	—	—	192	234	58,269	43,857	13	8
Kangra	—	—	3,775	3,496	1,10,341	81,203	69	168
Kinnaur	—	—	1,537	2,438	893	783	—	—
Kullu	—	—	6,958	6,945	33,609	30,248	—	—
Lahaul-Spiti	—	—	115	1,260	27	26	—	—
Mandi	—	—	3,534	5,525	69,707	78,922	2,657	3,779
Shimla	—	—	4,109	10,256	38,191	35,629	2,243	2,651
Sirmaur	14	—	1,426	3,475	68,971	54,516	502	534
Solan	—	—	474	1,383	54,097	40,255	—	—
Una	—	—	2	18	50,163	38,022	—	—
State Total	14	—	27,263	41,106	5,71,635	5,22,106	5,666	7,276

V-B.

of Himachal Pradesh (State) in 1984-85

(In metric tonnes)

Crops	Jowar or Cholam									
	Total		Wheat		Rabi		Kharif		Total	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
	8	9	10	11	12	13	14	15	16	17
	2,337	3,699	8,285	26,946	—	—	—	—	—	—
	5,287	2,962	16,577	17,727	—	—	—	—	—	—
	4,259	6,317	12,157	28,119	—	—	—	—	—	—
	51,442	34,909	81,572	82,600	26	—	—	—	26	—
	24	39	1,107	1,446	—	—	—	—	—	—
	4,018	4,397	30,914	27,005	—	—	—	—	—	—
	—	—	42	515	—	—	—	—	—	—
	28,300	26,584	44,817	74,810	—	—	—	—	—	—
	8,255	4,178	25,074	34,423	—	—	—	—	—	—
	7,328	4,961	15,718	36,704	—	—	—	—	—	—
	4,940	4,938	11,390	20,589	—	—	37	—	37	—
	1,037	2,298	21,836	31,012	—	—	—	—	—	—
	1,17,227	95,282	2,69,489	3,81,896	26	—	37	—	63	—

District	Pulses									
	Italian Millets		Kodo or Varagu		Little & Common Millets		Total Cereals		Gram	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
1	26	27	28	29	30	31	32	33	34	35
	—	—	—	—	—	—	58,628	64,476	20	368
	—	—	—	—	118	375	66,666	72,041	3	2
	—	—	—	—	1	1	74,891	76,141	—	860
	—	—	—	—	—	299	2,47,156	2,07,100	106	263
	—	—	—	—	1,000	2,172	4,630	7,028	—	—
	—	—	—	—	605	1,631	76,104	68,615	4	8
	—	—	—	—	—	312	184	2,113	—	—
	—	—	—	—	776	1,040	1,49,791	1,89,992	13	147
	—	—	—	—	5,906	4,696	83,778	92,243	1	7
	—	—	—	—	276	258	94,235	99,748	34	300
	—	—	—	—	—	—	70,938	65,857	218	948
	—	—	—	—	—	—	73,038	70,934	29	1,288
	—	—	—	—	8,682	10,784	10,00,039	10,16,288	428	4,187

TABLE NO.

Total Outturn of Principal Crops in each

District	Food							
	Pulses							
	Other Pulses Kharif and Rabi		Green Gram or Mung		Red Gram (Tur or Arhar)		Black Gram (Urd) or Mash	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
36	37	38	39	40	41	42	43	
Bilaspur	33	262	3	1	—	1	98	397
Chamba	—	13	—	1	—	—	165	672
Hamirpur	—	3	—	1	—	2	285	364
Kangra	70	1,452	—	7	—	—	990	1,236
Kinnaur	129	130	—	—	—	—	—	9
Kullu	541	196	—	4	—	—	—	744
Lahaul-Spiti	—	—	—	—	—	—	—	—
Mandi	1,479	850	—	2	—	2	—	1,144
Shimla	6	149	—	2	—	1	410	511
Sirmaur	127	124	4	3	3	3	424	396
Solan	171	385	—	2	9	158	639	838
Una	18	33	14	13	—	40	286	409
State Total	2,574	3,597	21	36	12	207	3,297	6,720

Non-Food

District	Non-Food									
	Ginger		Pepper		Turmeric		Cardamom		Bettelnut	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
52	53	54	55	56	57	58	59	60	61	
Bilaspur	106	61	—	—	1	11	—	—	—	—
Chamba	—	—	—	—	—	—	—	—	—	—
Hamirpur	1	1	—	—	3	6	—	—	—	—
Kangra	17	9	—	—	8	5	—	—	—	—
Kinnaur	—	—	—	—	—	—	—	—	—	—
Kullu	13	—	—	—	—	—	—	—	—	—
Lahaul-Spiti	—	—	—	—	—	—	—	—	257	—
Mandi	7	5	—	—	4	—	—	—	—	—
Shimla	—	106	—	—	—	—	—	—	—	—
Sirmaur	422	984	—	—	—	2	2	—	—	—
Solan	809	161	—	—	—	—	—	—	—	—
Una	1	—	—	—	2	2	—	—	—	—
State Total	1,376	1,327	—	—	15	26	2	—	257	—

V.B.—contd.

District of Himachal Pradesh (State) in 1984-85—contd.

(In metric tonnes)

Crops—contd.

—contd.

Crops	Horse Gram		Masur		Total Pulses		Total Food Grains	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
	44	45	46	47	48	49	50	51
	68	183	5	13	227	1,225	58,855	65,701
	—	133	376	18	544	839	67,210	72,880
	212	204	—	14	497	1,448	75,388	77,589
	435	278	78	89	1,679	3,325	2,48,835	2,10,425
	—	—	—	1	129	140	4,759	7,168
	—	55	—	27	545	1,034	76,649	69,649
	—	—	—	—	—	—	184	2,113
	—	456	—	370	1,492	2,971	1,51,283	1,92,963
	203	253	12	27	632	950	84,410	93,193
	130	135	17	96	739	1,057	94,974	1,00,805
	191	367	2	71	1,230	2,765	72,168	68,622
	49	106	4	21	400	1,910	73,438	72,844
	1,288	2,170	494	747	8,114	17,664	10,08,153	10,33,952

Crops

Crops	Chillies		Potatoes		Sugarcane		Total Food Crops		Groundnut		Sesamum	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
	62	63	64	65	66	67	68	69	70	71	72	73
	2	3	48	36	60	133	59,072	65,945	—	15	24	175
	1	5	64	417	—	97	67,275	73,399	—	—	2	13
	—	1	1	10	427	450	75,820	78,057	—	—	45	45
	4	14	6,329	6,802	1,525	361	2,56,718	2,17,616	1	—	942	1,369
	—	—	1,346	1,400	—	—	6,105	8,568	—	—	—	—
	10	21	509	2,976	—	—	77,181	72,646	—	5	2	3
	—	—	5,572	7,816	—	—	6,013	9,929	—	—	—	—
	23	30	6,741	6,825	25	53	1,58,080	1,99,876	—	—	13	23
	28	29	21,553	25,183	—	—	1,05,991	1,18,511	—	—	9	18
	60	68	2,428	3,012	1,271	1,663	99,157	1,06,534	48	40	56	96
	2	2	666	927	326	207	73,971	69,919	778	816	93	58
	4	5	1,012	1,232	1,194	1,553	75,651	75,636	28	34	194	304
	134	178	46,269	56,636	4,828	4,517	10,61,034	10,96,636	855	910	1,380	2,104

TABLE NO.
Total Outturn of Principal Crops in each District

District	Non-Food					
	Rape		Mustard		Linseed	
	Current 74	Normal 75	Current 76	Normal 77	Current 78	Normal 79
1						
Bilaspur	—	83	20	118	5	2
Chamba	—	—	116	385	3	15
Hamirpur	—	7	—	14	—	1
Kangra	37	23	129	162	1,122	1,448
Kinnaur	—	6	1	7	—	—
Kullu	—	—	24	109	—	—
Lahaul-Spiti	—	—	5	4	—	—
Mandi	—	—	21	69	—	100
Shimla	—	—	13	42	—	—
Sirmaur	29	16	40	223	—	1
Solan	—	62	48	28	—	2
Una	2	10	17	119	—	8
State Total	68	207	434	1,280	1,130	1,577

District	Non-Food							
	Tea		Indian Hemp		Other Non-Food Crops		Sanhemp	
	Current 88	Normal 89	Current 90	Normal 91	Current 92	Normal 93	Current 94	Normal 95
1								
Bilaspur	—	—	—	—	—	—	5	5
Chamba	—	—	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—	1	2
Kangra	516	763	—	—	—	—	31	11
Kinnaur	—	—	—	—	—	—	—	—
Kullu	—	—	—	—	—	—	58	70
Lahaul-Spiti	—	—	—	—	10	—	—	—
Mandi	—	111	—	—	—	—	—	—
Shimla	—	—	—	—	—	—	—	—
Sirmaur	—	—	—	—	—	—	1	7
Solan	—	—	—	—	6	—	1	3
Una	—	—	—	—	—	—	33	28
State Total	516	874	—	—	16	—	130	126

V-B.—

of Himachal Pradesh (State) in 1984-85—(concl'd)

(In metric tonnes)

Crops—(cont'd.)							
Coconut		Indigo		Tobacco		Coffee	
Current 80	Normal 81	Current 82	Normal 83	Current 84	Normal 85	Current 86	Normal 87
—	—	—	—	2	16	—	—
—	—	—	—	25	21	—	—
—	—	—	—	—	2	—	—
—	—	—	—	—	10	—	—
—	—	—	—	—	—	—	—
—	—	—	—	18	21	—	—
—	—	—	—	—	—	—	—
—	—	—	—	5	17	—	—
—	—	—	—	—	3	—	—
—	—	—	—	1	13	—	—
—	—	—	—	—	37	—	—
—	—	—	—	3	2	—	—
—	—	—	—	54	142	—	—

Crops—concl'd.

Jute		Cotton		Total Non-Food Crops		Total Food and Non-Food Crops			
Current 96	Normal 97	Current 98	Normal 99	Current 100	Normal 101	Current 102	Normal 103	Current 104	Normal 105
—	—	—	155	13	—	69	569	59,141	66,514
—	—	—	—	—	—	146	434	67,421	73,833
—	—	—	12	1	—	47	83	75,867	78,140
—	—	—	192	73	—	2,851	3,978	2,59,569	2,21,594
—	—	—	—	—	—	1	13	6,106	8,581
—	—	—	—	—	—	102	208	77,283	72,854
—	—	—	—	—	—	15	4	6,028	9,933
—	—	—	14	1	—	40	334	1,58,120	2,00,210
—	—	—	—	—	—	22	63	1,06,013	1,18,574
—	—	16	118	—	—	191	514	99,348	1,07,048
—	—	56	341	—	—	982	1,347	74,953	71,266
—	—	29	231	—	—	306	736	75,957	76,372
—	—	101	1,096	88	—	4,772	8,283	10,65,806	11,04,919

TABLE
Farm Prices during 1984-85 of Principal Crops

District	Rice		Wheat		Jowar		Bajra	
	Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year
1	2	3	4	5	6	7	8	9
Bilaspur ..	151	157	172	166	—	—	—	—
Chamba ..	244	260	190	183	—	—	—	—
Hamirpur ..	144	226	196	179	—	—	—	—
Kangra ..	321	329	192	189	—	—	—	—
Kinnaur ..	—	—	250	217	—	—	—	—
Kullu ..	315	320	200	—	—	—	—	—
Lahaul-Spiti ..	—	—	350	—	—	—	—	—
Mandi ..	235	210	199	190	—	—	—	—
Shimla ..	222	182	203	201	—	—	—	—
Sirmaur ..	160	208	182	171	—	—	200	150
Solan ..	188	189	183	178	250	250	200	300
Una ..	142	162	183	174	—	—	200	300
State Average ..	212.20	224.00	208.33	185.00	250.00	250.00	200.00	250.00

District	Sugar		Groundnut		Caster seed		Linseed		Rape	
	Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year
1	20	21	22	23	24	25	26	27	28	29
Bilaspur ..	—	—	981	—	—	—	400	—	597	567
Chamba ..	—	—	—	—	—	—	641	545	—	810
Hamirpur ..	325	289	—	—	—	—	484	470	—	—
Kangra ..	—	—	—	—	—	—	—	—	—	—
Kinnaur ..	—	—	—	—	—	—	—	—	—	—
Kullu ..	—	—	—	—	—	—	—	—	1900	—
Lahaul-Spiti ..	—	—	—	—	—	—	638	600	—	—
Mandi ..	—	—	—	—	—	—	—	—	—	—
Shimla ..	—	—	—	—	—	—	—	—	700	700
Sirmaur ..	220	—	550	600	—	—	667	450	700	700
Solan ..	—	—	731	715	—	—	713	568	800	995
Una ..	333	283	—	—	—	—	588	536	550	518
State Average ..	292.66	286.00	754.00	658.00	—	—	590.14	528.00	909.40	756.00

NO. VI

in Himachal Pradesh (State)

(Per quintal)

Barley		Gram		Maize		Cotton		Jute	
Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year
10	11	12	13	14	15	16	17	18	19
171	168	480	450	163	163	—	—	—	—
154	126	—	—	165	167	—	—	—	—
217	183	560	365	148	151	1350	1130	—	—
176	175	489	423	160	171	—	—	—	—
168	174	—	—	189	191	—	—	—	—
—	—	700	390	157	160	—	—	—	—
350	—	—	—	—	—	—	—	—	—
173	160	553	500	152	155	—	—	—	—
150	156	591	438	153	225	—	—	—	—
160	155	500	425	154	154	1500	1050	—	—
179	164	555	416	169	166	800	555	—	—
192	192	594	366	150	149	1326	1188	—	—
190.00	162.00	558.00	419.00	160.00	168.00	1187.75	820.00	—	—

Mustard		Sesamum		Tobacco		Ginger		Pepper	
Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year
30	31	32	33	34	35	36	37	38	39
597	567	1208	1187	—	—	398	—	—	—
662	575	—	900	366	333	419	415	—	—
641	725	623	640	620	483	776	812	—	—
—	—	—	—	—	—	—	—	—	—
550	600	—	—	—	300	—	—	—	—
735	700	—	—	390	450	—	—	—	—
800	700	—	—	—	—	450	—	—	—
700	700	567	500	833	1000	507	525	—	—
628	529	549	708	313	264	435	471	—	—
571	518	657	600	—	—	—	—	—	—
653.77	627.00	720.80	690.00	504.40	472.00	497.50	565.00	—	—

TABLE

Agriculture Wages in each District of

July						
(Normal No. of working hours)						
District	Skilled Labour			Field Labour	Other Agricultural Labour	Herds-men
	Carpenters	Black-smiths	Cobblers			
1	2	3	4	5	6	7
Bilaspur ..	23.75	21.75	18.00	16.38	11.88	11.88
Chamba ..	18.33	14.75	10.00	—	—	—
Hamirpur ..	20.00	20.00	18.00	10.00	10.00	10.00
Kangra ..	25.00	25.00	25.00	10.00	10.00	9.00
Kinnaur ..	25.00	18.00	—	15.00	15.00	20.00
Kullu ..	22.00	16.00	18.00	12.00	10.00	10.00
Lahaul-Spiti ..	—	—	—	—	—	—
Mandi ..	19.50	19.20	16.25	15.35	11.45	9.70
Shimla ..	22.60	19.20	17.20	14.00	13.20	12.40
Sirmaur ..	32.50	32.50	32.50	12.50	12.50	—
Solan ..	25.00	25.00	20.00	20.00	20.00	—
Una ..	23.00	24.25	25.00	11.75	12.00	10.50
State Average ..	23.30	21.42	20.00	13.70	12.60	10.95

September						
(Normal No. of working hours)						
District	Skilled Labour			Field Labour	Other Agricultural Labour	Herds-men
	Carpenters	Black-smiths	Cobblers			
1	14	15	16	17	18	19
Bilaspur ..	23.75	21.75	18.00	16.38	11.88	11.88
Chamba ..	—	17.50	15.00	10.00	25.00	—
Hamirpur ..	20.00	20.00	18.00	10.00	10.00	10.00
Kangra ..	25.00	25.00	25.00	10.00	10.00	9.00
Kinnaur ..	25.00	18.00	—	15.00	15.00	20.00
Kullu ..	22.00	16.00	18.00	12.00	10.00	10.00
Lahaul-Spiti ..	—	—	—	—	—	—
Mandi ..	19.50	19.20	16.25	15.35	11.45	9.70
Shimla ..	22.60	19.20	17.20	14.00	13.20	12.40
Sirmaur ..	32.50	32.50	32.50	12.50	12.50	—
Solan ..	25.00	20.00	20.00	11.75	12.00	—
Una ..	23.00	24.25	25.00	11.75	12.00	11.00
State Average ..	23.80	21.70	20.45	13.75	13.75	11.00

NO. VII

Himachal Pradesh (State) in 1984-85

(In Rupees per day)

August						
(Normal No. of working hours)						
District	Skilled Labour			Field Labour	Other Agricultural Labour	Herds-men
	Carpenters	Blacksmiths	Cobblers			
8	9	10	11	12	13	
Bilaspur ..	23.75	21.75	18.00	16.38	11.88	11.88
Chamba ..	18.33	14.75	10.00	—	—	—
Hamirpur ..	20.00	20.00	18.00	10.00	10.00	10.00
Kangra ..	25.00	25.00	25.00	10.00	10.00	9.00
Kinnaur ..	25.00	18.00	—	15.00	15.00	20.00
Kullu ..	22.00	16.00	18.00	12.00	10.00	10.00
Lahaul-Spiti ..	—	—	—	—	—	—
Mandi ..	19.50	19.20	16.25	15.35	11.45	9.70
Shimla ..	22.60	19.20	17.20	14.00	13.20	12.40
Sirmaur ..	32.50	32.50	32.50	12.50	12.50	—
Solan ..	25.00	25.00	20.00	20.00	—	25.00
Una ..	23.00	24.25	25.00	11.75	12.00	10.50
State Average ..	23.30	21.42	20.00	13.70	12.60	10.95

October						
(Normal No. of working hours)						
District	Skilled Labour			Field Labour	Other Agricultural Labour	Herds-men
	Carpenters	Blacksmiths	Cobblers			
20	21	22	23	24	25	
Bilaspur ..	23.75	21.25	18.00	16.38	11.88	11.88
Chamba ..	17.00	15.33	10.00	27.50	—	—
Hamirpur ..	20.00	20.00	18.00	10.00	10.00	10.00
Kangra ..	25.00	25.00	25.00	10.00	10.00	9.00
Kinnaur ..	25.00	18.00	—	15.00	15.00	20.00
Kullu ..	22.00	16.00	18.00	12.00	10.00	10.00
Lahaul-Spiti ..	—	—	—	—	—	—
Mandi ..	19.50	19.20	16.25	15.35	11.45	9.70
Shimla ..	22.60	19.20	17.20	14.00	13.20	12.40
Sirmaur ..	32.50	32.50	32.50	12.50	12.50	—
Solan ..	25.00	25.00	20.00	20.00	20.00	—
Una ..	23.00	24.25	25.00	11.75	12.00	11.00
State Average ..	23.20	21.45	20.00	14.95	12.60	11.00

TABLE

Agricultural Wages in each District of

District	November					
	(Normal No. of working hours)					
	Skilled Labour			Field Labour	Other Agricultural Labour	Herdsmen
	Carpenters	Blacksmiths	Cobblers			
1	26	27	28	29	30	31
Bilaspur ..	23.75	21.75	18.00	11.88	16.38	11.88
Chamba ..	17.00	15.33	10.00	27.50	—	—
Hamirpur ..	20.00	20.00	18.00	10.00	10.00	10.00
Kangra ..	25.00	25.00	25.00	10.00	10.00	9.00
Kinnaur ..	25.00	18.00	—	15.00	15.00	20.00
Kullu ..	22.00	16.00	18.00	12.00	10.00	10.00
Lahaul-Spiti ..	—	—	—	—	—	—
Mandi ..	19.50	19.20	16.25	15.35	11.45	9.70
Shimla ..	23.60	19.60	17.80	14.40	13.20	13.00
Sirmaur ..	32.50	32.50	32.50	12.50	12.50	—
Solan ..	25.00	25.00	20.00	20.00	20.00	—
Una ..	23.00	24.25	25.00	11.75	12.00	11.00
State Average ..	23.30	22.15	20.00	15.00	12.60	12.20

District	January					
	(Normal No. of working hours)					
	Skilled Labour			Field Labour	Other Agricultural Labour	Herdsmen
	Carpenters	Blacksmiths	Cobblers			
1	38	39	40	41	42	43
Bilaspur ..	23.75	21.75	18.00	16.38	11.88	11.88
Chamba ..	20.33	17.00	15.00	30.00	—	—
Hamirpur ..	20.00	20.00	18.00	10.00	10.00	10.00
Kangra ..	25.00	25.00	25.00	10.00	10.00	9.00
Kinnaur ..	25.00	18.00	—	15.00	15.00	20.00
Kullu ..	22.00	16.00	18.00	12.00	10.00	10.00
Lahaul-Spiti ..	—	—	—	—	—	—
Mandi ..	20.35	18.35	16.25	16.50	12.40	10.00
Shimla ..	23.60	19.60	17.80	14.40	13.20	13.00
Sirmaur ..	32.50	32.50	32.50	12.50	12.50	—
Solan ..	28.00	26.00	22.00	21.00	21.00	20.00
Una ..	23.00	24.25	25.00	11.75	12.00	11.00
State Average ..	23.95	21.67	20.75	15.40	12.79	11.98

NO. VII—contd.

Himachal Pradesh (State) in 1984-85.

(In Rupees per day)

District	December					
	(Normal No. of working hours)					
	Skilled Labour			Field Labour	Other Agricultural Labour	Herdsmen
	Carpenters	Blacksmiths	Cobblers			
32	33	34	35	36	37	
Bilaspur ..	23.75	21.75	18.00	16.38	11.88	11.88
Chamba ..	17.00	15.33	10.00	27.50	—	—
Hamirpur ..	20.00	20.00	18.00	10.00	10.00	10.00
Kangra ..	25.00	25.00	25.00	10.00	10.00	9.00
Kinnaur ..	25.00	18.00	—	15.00	15.00	20.00
Kullu ..	22.00	16.00	18.00	12.00	10.00	10.00
Lahaul-Spiti ..	—	—	—	—	—	—
Mandi ..	19.50	19.20	16.25	16.20	11.45	9.70
Shimla ..	23.60	19.60	17.80	14.40	13.20	13.00
Sirmaur ..	32.50	32.50	32.50	12.50	12.50	—
Solan ..	25.00	25.00	20.00	20.00	20.00	—
Una ..	23.00	24.25	25.00	11.75	12.00	11.00
State Average ..	23.30	21.50	20.00	15.95	12.60	11.05

District	February					
	(Normal No. of working hours)					
	Skilled Labour			Field Labour	Other Agricultural Labour	Herdsmen
	Carpenters	Blacksmiths	Cobblers			
44	45	46	47	48	49	
Bilaspur ..	23.75	21.75	18.00	16.38	11.88	11.88
Chamba ..	20.33	17.00	15.00	30.00	—	—
Hamirpur ..	20.00	20.00	18.00	10.00	10.00	10.00
Kangra ..	25.00	25.00	25.00	10.00	10.00	9.00
Kinnaur ..	25.00	18.00	—	15.00	15.00	20.00
Kullu ..	22.00	16.00	18.00	12.00	10.00	10.00
Lahaul-Spiti ..	—	—	—	—	—	—
Mandi ..	20.35	18.35	16.25	16.50	12.40	10.00
Shimla ..	23.60	19.60	17.80	14.40	13.20	13.00
Sirmaur ..	32.50	32.50	32.50	12.50	12.50	—
Solan ..	28.00	26.00	22.00	21.00	21.00	20.00
Una ..	25.50	26.75	27.50	13.00	13.25	12.25
State Average ..	23.95	21.67	21.00	15.52	12.92	12.11

TABLE

Agricultural Wages in each District of

District	March					
	(Normal No. of working hours)					
	Skilled Labour			Field Labour	Other Agricultural Labour	Herds-men
	Carpenters	Blacksmiths	Cobblers			
1	50	51	52	53	54	55
Bilaspur ..	23.75	21.75	18.00	16.38	11.88	11.88
Chamba ..	20.33	17.00	15.00	30.00	—	—
Hamirpur ..	20.00	20.00	18.00	10.00	10.00	10.00
Kangra ..	25.00	25.00	25.00	10.00	10.00	9.00
Kinnaur ..	25.00	18.00	—	15.00	15.00	20.00
Kullu ..	22.00	16.00	18.00	12.00	10.00	10.00
Lahaul-Spiti ..	—	—	—	—	—	—
Mandi ..	20.35	18.35	16.25	16.50	12.40	10.00
Shimla ..	23.60	19.60	17.80	14.40	13.20	13.00
Sirmaur ..	32.50	32.50	32.50	12.50	12.50	—
Solan ..	28.00	26.00	22.00	21.00	21.00	20.00
Una ..	25.50	26.75	27.50	13.25	13.25	12.25
State Average ..	23.95	21.67	21.00	15.54	12.92	12.11

District	May					
	(Normal No. of working hours)					
	Skilled Labour			Field Labour	Other Agricultural Labour	Herds-men
	Carpenters	Blacksmiths	Cobblers			
1	62	63	64	65	66	67
Bilaspur ..	23.75	21.75	18.00	16.38	11.88	11.88
Chamba ..	20.33	17.00	12.50	30.00	—	—
Hamirpur ..	20.00	20.00	18.00	10.00	10.00	10.00
Kangra ..	25.00	25.00	25.00	10.00	10.00	9.00
Kinnaur ..	25.00	18.00	—	15.00	15.00	20.00
Kullu ..	22.00	16.00	18.00	12.00	10.00	10.00
Lahaul-Spiti ..	—	—	—	—	—	—
Mandi ..	20.35	18.35	16.25	16.50	12.40	10.00
Shimla ..	24.60	20.20	18.80	14.40	13.20	13.40
Sirmaur ..	32.50	32.50	32.50	12.50	12.50	—
Solan ..	28.00	26.00	22.00	21.00	21.00	20.00
Una ..	25.50	26.75	27.50	13.25	13.25	12.25
State Average ..	24.05	21.72	19.15	15.54	12.82	12.15

No. VII—concl'd.

Himachal Pradesh (State) in 1984-85.

(In Rupees per day)

District	April					
	(Normal No. of working hours)					
	Skilled Labour			Field Labour	Other Agricultural Labour	Herds-men
	Carpenters	Blacksmiths	Cobblers			
56	57	58	59	60	61	
Bilaspur ..	23.75	21.75	18.00	16.38	11.88	11.88
Chamba ..	20.33	17.00	15.00	30.00	—	—
Hamirpur ..	20.00	20.00	18.00	10.00	10.00	10.00
Kangra ..	25.00	25.00	25.00	10.00	10.00	9.00
Kinnaur ..	25.00	18.00	—	15.00	15.00	20.00
Kullu ..	22.00	16.00	18.00	12.00	10.00	10.00
Lahaul-Spiti ..	—	—	—	—	—	—
Mandi ..	20.35	18.35	16.25	16.50	12.40	10.00
Shimla ..	23.60	20.20	18.80	14.40	13.20	13.40
Sirmaur ..	32.50	32.50	32.50	12.50	12.50	—
Solan ..	28.00	26.00	22.00	21.00	21.00	20.00
Una ..	25.50	26.75	27.50	13.25	13.25	12.75
State Average ..	23.95	21.95	21.00	15.54	12.92	12.15

District	June					
	(Normal No. of working hours)					
	Skilled Labour			Field Labour	Other Agricultural Labour	Herds-men
	Carpenters	Blacksmiths	Cobblers			
68	69	70	71	72	73	
Bilaspur ..	23.75	21.75	18.00	16.38	11.88	11.88
Chamba ..	18.67	17.00	12.50	30.00	—	—
Hamirpur ..	20.00	20.00	18.00	10.00	10.00	10.00
Kangra ..	25.00	25.00	25.00	10.00	10.00	9.00
Kinnaur ..	25.00	18.00	—	15.00	15.00	20.00
Kullu ..	22.00	16.00	18.00	12.00	10.00	10.00
Lahaul-Spiti ..	—	—	—	—	—	—
Mandi ..	20.35	18.35	16.25	16.50	12.40	10.00
Shimla ..	25.00	20.60	19.20	14.80	13.60	13.80
Sirmaur ..	32.50	32.50	32.50	12.50	12.50	—
Solan ..	28.00	26.00	22.00	21.00	21.00	20.00
Una ..	25.50	26.75	27.50	13.25	13.25	12.25
State Average ..	24.16	21.73	20.89	14.66	11.96	12.18

TABLE
Number of Livestock, Poultry and Agricultural Machinery and
According to last

Live

District	Cattle				Young stock	Total cattle
	Males over 3 years		Females over 3 years			
	Breeding bulls i.e. entire males over 3 years kept or used for breeding purposes only	Other males over 3 years	Breeding cows i.e. cows over 3 years kept for breeding or milk production	Other cows over 3 years		
1	2	3	4	5	6	7
Bilaspur	5,730	43,006	4,128	4,946	8,560	66,370
Chamba	17,929	67,915	34,999	53,382	72,891	2,47,116
Hamirpur	3,408	53,377	3,861	3,376	6,425	70,447
Kangra	14,242	1,69,634	62,142	50,670	1,22,434	4,19,122
Kinnaur	611	4,555	3,787	5,850	7,549	22,352
Kullu	12,569	31,760	26,739	33,091	49,266	1,53,425
Lahaul-Spiti	44	974	2,223	2,820	1,591	7,652
Mandi	21,937	1,23,387	57,474	79,036	1,11,508	3,93,342
Shimla	22,705	76,266	64,294	63,542	1,09,846	3,36,653
Sirmaur	11,104	61,829	41,748	29,931	79,528	2,24,140
Solan	2,553	60,148	26,862	22,882	38,151	1,50,596
Una	2,516	45,611	9,488	5,926	18,907	82,448
State Total	1,15,348	7,38,462	3,37,745	3,55,452	6,26,656	21,73,663

Live

District	Total Yaks	Total Bovine	Total Sheep	Total Goats
	14	15	16	17
Bilaspur	—	1,41,502	34,154	60,893
Chamba	164	2,82,019	2,69,923	1,73,169
Hamirpur	—	1,50,775	58,877	39,350
Kangra	—	5,57,450	90,833	1,48,425
Kinnaur	611	23,298	47,168	20,148
Kullu	—	1,55,321	1,11,719	63,052
Lahaul-Spiti	2,131	10,019	43,233	11,422
Mandi	—	4,83,228	1,94,021	1,81,796
Shimla	2	3,55,244	1,64,958	1,04,011
Sirmaur	—	2,58,577	38,832	1,08,462
Solan	—	2,14,937	25,429	74,825
Una	—	1,61,203	11,175	66,309
State Total	2,908	23,93,573	10,90,322	10,59,862

NO. VIII

Implement in each District of Himachal Pradesh (State) in 1984-85
Census in 1982.

stock

District	Buffaloes				Young stock	Total buffaloes
	Males over 3 years		Females over 3 years			
	Breeding bulls i.e. entire males over 3 years kept or used for breeding purposes only	Other males over 3 years	Breeding buffaloes i.e. buffaloes over 3 years kept for breeding or milk production	Other buffaloes over 3 years		
8	9	10	11	12	13	
Bilaspur	596	84	24,662	26,780	23,010	75,132
Chamba	381	335	11,656	13,571	8,815	34,718
Hamirpur	272	26	36,457	22,568	21,005	80,328
Kangra	1,122	6,168	42,896	39,064	49,078	1,38,328
Kinnaur	—	—	1	3	1	5
Kullu	38	24	639	576	619	1,896
Lahaul-Spiti	—	—	—	—	—	—
Mandi	1,040	207	29,869	35,967	22,803	89,886
Shimla	299	76	8,896	5,452	3,866	18,589
Sirmaur	392	91	12,223	8,372	13,359	34,437
Solan	600	40	22,608	21,686	19,407	64,341
Una	444	576	30,835	18,854	28,046	78,755
State Total	5,184	7,627	2,20,742	1,92,853	1,90,009	6,16,415

stock—contd.

District	Horses and Ponies				Mules	Donkeys	Camels	Pigs
	Males over 3 years	Females over 3 years	Young stock	Total Horses and Ponies				
18	19	20	21	22	23	24	25	
Bilaspur	71	48	22	141	240	99	51	502
Chamba	552	283	103	938	775	142	—	183
Hamirpur	230	179	60	469	391	170	—	204
Kangra	2,781	2,710	1,479	6,970	3,080	264	216	2,196
Kinnaur	188	424	172	784	376	2,089	—	6
Kullu	432	483	400	1,315	531	320	—	76
Lahaul-Spiti	453	399	58	910	357	2,082	—	—
Mandi	892	747	323	1,962	1,545	162	—	379
Shimla	816	173	85	1,074	3,011	331	—	2,066
Sirmaur	493	360	148	1,001	1,348	114	94	1,828
Solan	227	194	33	454	831	464	188	573
Una	256	265	131	652	194	376	165	92
State Total	7,391	6,265	3,014	16,670	42,679	6,613	714	8,107

TABLE

Number of Livestock, Poultry and Agricultural Machinery and

According to last

Live stock

District	Total livestock	Poultry			Total Poultry
		Fowls (Hens, Cocks and Chickens)	Ducks (Ducks, Drakes and Ducklings)	Others	
1	26	27	28	29	30
Bilaspur ..	2,37,582	32,797	7	—	32,804
Chamba ..	7,27,149	46,833	5	—	46,838
Hamirpur ..	2,50,226	24,982	51	—	25,037
Kangra ..	8,09,434	1,34,867	21	—	1,34,488
Kinnaur ..	93,869	5,233	—	—	5,233
Kullu ..	3,32,314	19,431	54	98	19,583
Lahaul-Spiti ..	68,023	4,115	—	—	4,115
Mandi ..	8,71,093	55,772	6	10	55,788
Shimla ..	6,30,695	59,634	20	3	59,657
Sirmaur ..	4,10,276	32,460	13	—	32,473
Solan ..	3,17,703	32,515	5	—	32,320
Una ..	2,40,166	12,533	16	—	12,549
State Total ..	49,88,540	4,60,972	198	115	4,61,285

NO. VIII—concl'd.

Implements in each District of Himachal Pradesh (State) in 1983-84—concl'd.

Census in 1982.

concl'd.

Agricultural Machinery and Implements					
Plough (wooden and iron)	Carts	Sugarcane Crushers	Tractor	Oil Engines	Electric Pump
32	33	34	35	36	37
43,535	—	179	26	160	62
49,678	—	2	—	1	—
49,373	—	631	53	27	17
1,52,187	116	671	224	284	99
5,437	—	—	—	2	—
39,132	—	—	64	82	4
2,936	—	—	5	—	—
94,233	—	20	106	22	92
56,135	1	1	2	5	—
38,813	2,189	517	189	38	110
52,199	347	170	80	279	85
25,275	750	770	184	277	116
6,23,761	3,403	2,961	936	1,177	585