

## FOREWORD

The present issue of State Annual Season and Crop Report for the Agricultural year 1985-86 attempts to serve as ready compendium of the main agricultural statistics, such as season-wise rainfall, land utilisation source-wise and crop-wise irrigated area, cropping pattern, yield per hectare, crop-wise total out turn, the farmharvest prices, agricultural wages and quinquennial livestock data. The state aggregates and their District-wise/ Tehsil-wise break-up are expected to come handy in the formulation of rural plans.

I would like to place on record by feelings of satisfaction of the collection work done by the Deputy Commissioner, 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 I. S. Chandel, Joint Director of Land Records, Himachal Pradesh also needs to be added herein.

At the State headquarter the report was prepared by Shri Vijay Kapoor Statistical Assistant within a short interval. 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. V.P. Singh, Director of Agricultural Census, who is also the overall 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.

H. S. ATWAL, I.A.S.,  
Director of Land Records, H.P.

Dated

## SUMMARY TABLES

### A—Classification of Area

(In hectares)

Heads of classification 1	1981-82		1982-83		1983-84	
	Area 2	% of total 3	Area 4	% of total 5	Area 6	% of total 7
<b>Total Geographical Area :</b>						
By Professional Survey	55,67,300	100	55,67,300	100	55,67,300	100
Reporting area for land utilisation purposes (By Village Papers)	30,89,435	55	31,13,429	56	31,85,703	57
<b>Classifications :</b>						
Forests	8,10,811	26	8,08,616	26	8,62,061	27
Barren and unculturable land	1,42,449	5	1,43,606	5	1,65,345	5
Land put to non-agricultural uses	1,18,900	4	1,63,480	5	1,76,848	6
Culturable waste	2,41,041	8	2,38,971	8	1,29,273	4
Permanent pastures and other grazing lands	11,05,176	36	10,88,917	35	11,61,184	36
Land under Misc. tree crops and groves not included in area sown	41,134	1	41,426	1	39,379	1
Current fallows	43,916	1	43,065	1	44,579	2
Other fallow land	13,164	—	13,940	—	14,485	—
Net area sown	5,72,844	19	5,71,408	19	5,92,549	19
Area sown more than once	3,76,230	—	3,86,454	—	3,78,718	—
<b>Total cropped area</b>	<b>9,49,074</b>	<b>—</b>	<b>9,57,862</b>	<b>—</b>	<b>9,71,267</b>	<b>—</b>

(In hectares)

Heads of classification 1	1984-85		1985-86	
	Area 8	% of total 9	Area 10	% of total 11
<b>Total Geographical Area :</b>				
By Professional Survey	55,67,300	100	55,67,300	100
Reporting area for land utilisation purposes (By Village Papers)	32,15,375	58	3,22,7071	—
<b>Classifications :</b>				
Forests	8,74,331	27	8,84,785	—
Barren and unculturable land	1,52,347	5	1,59,573	—
Land put to non-agricultural uses	2,06,225	6	2,20,115	—
Culturable waste	1,30,004	4	1,28,027	—
Permanent pastures and other grazing lands	11,57,638	36	11,53,568	—
Land under Misc. tree crops and groves not included in area sown	40,225	1	40,747	—
Current fallows	53,377	2	43,906	—
Other fallow land	14,203	—	13,750	—
Net area sown	5,80,025	19	5,82,600	—
Area sown more than once	4,08,036	—	3,91,038	—
<b>Total cropped area</b>	<b>9,88,061</b>	<b>—</b>	<b>9,73,638</b>	<b>—</b>

TABLE

## Agriculture Wages in each District of

July 85

(Normal No. of working hours)

District	Skilled Labour			Field Labour	Other Agricultural Labour	Herds-men
	Carpenters	Blacksmiths	Cobblers			
1	2	3	4	5	6	7
Bilaspur ..	27.75	25.25	21.50	13.25	13.25	11.50
Chamba ..	20.00	15.00	10.00	—	—	—
Hamirpur ..	20.00	20.00	18.00	10.00	10.00	10.00
Kangra ..	25.00	25.00	25.00	12.00	12.00	12.00
Kinnaur ..	25.00	18.00	—	17.75	15.00	20.00
Kullu ..	28.00	22.00	17.30	13.20	13.20	10.60
Lahaul-Spiti ..	—	—	—	—	—	—
Mandi ..	20.33	18.33	15.50	16.80	12.80	9.67
Shimla ..	26.00	22.60	20.20	15.20	13.60	13.80
Sirmaur ..	32.50	32.50	32.50	12.50	12.50	5.00
Solan ..	32.00	30.00	24.00	24.00	24.00	20.00
Una ..	25.50	26.75	27.50	13.25	13.25	13.50
State Average ..	25.64	23.22	21.15	14.80	13.96	12.60

September 85

(Normal No. of working hours)

District	Skilled Labour			Field Labour	Other Agricultural Labour	Herds-men
	Carpenters	Blacksmiths	Cobblers			
1	14	15	16	17	18	19
Bilaspur ..	27.75	25.25	21.50	13.25	13.25	11.50
Chamba ..	20.33	17.00	15.00	12.50	12.50	15.00
Hamirpur ..	20.00	20.00	18.00	10.00	10.00	10.00
Kangra ..	25.00	25.00	25.00	12.00	12.00	12.00
Kinnaur ..	25.00	18.00	—	17.75	15.00	20.00
Kullu ..	30.00	25.00	25.00	13.50	12.65	11.30
Lahaul-Spiti ..	—	—	—	—	—	—
Mandi ..	22.00	19.17	15.50	18.80	12.80	11.67
Shimla ..	26.00	26.20	24.70	15.20	13.60	13.80
Sirmaur ..	32.50	32.50	32.50	12.50	12.50	5.00
Solan ..	32.00	30.00	24.00	24.00	24.00	20.00
Una ..	25.50	26.75	27.50	13.25	13.25	13.50
State Average ..	26.00	24.05	22.87	14.80	14.32	13.07

NO. VII

## Himachal Pradesh (State) in 1985-86

(In Rupees per day)

August 85

(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 ..	27.75	25.25	21.50	13.25	13.25	11.50
Chamba ..	20.33	17.00	10.00	11.00	11.00	—
Hamirpur ..	20.00	20.00	18.00	10.00	10.00	10.00
Kangra ..	25.00	25.00	25.00	12.00	12.00	12.00
Kinnaur ..	25.00	18.00	—	17.75	15.00	20.00
Kullu ..	30.00	25.00	25.00	13.50	12.65	11.30
Lahaul-Spiti ..	—	—	—	—	—	—
Mandi ..	20.33	18.33	15.50	16.80	12.80	10.33
Shimla ..	26.00	22.60	20.20	15.20	13.60	13.80
Sirmaur ..	32.25	32.50	32.50	12.50	12.50	5.00
Solan ..	32.00	30.00	24.00	24.00	24.00	20.00
Una ..	25.50	26.75	27.50	13.25	13.25	13.50
State Average ..	25.85	23.68	21.90	14.48	13.64	12.74

October 85

(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	21.75	18.00	11.88	11.88	10.00
Chamba ..	20.33	17.00	15.00	12.50	12.50	—
Hamirpur ..	20.00	20.00	18.00	10.00	10.00	10.00
Kangra ..	25.00	25.00	25.00	12.00	12.00	12.00
Kinnaur ..	25.00	18.00	—	17.75	15.00	20.00
Kullu ..	30.00	22.00	19.50	13.20	12.60	10.00
Lahaul-Spiti ..	—	—	—	—	—	—
Mandi ..	22.00	19.17	15.50	18.80	12.33	12.33
Shimla ..	26.00	26.20	24.70	15.20	13.60	13.80
Sirmaur ..	32.50	32.50	32.50	12.50	12.50	5.00
Solan ..	32.00	30.00	24.00	24.00	24.00	20.00
Una ..	25.50	26.75	27.50	13.25	13.25	13.50
State Average ..	25.64	23.49	21.97	14.64	13.60	12.65

TABLE

Agricultural Wages in each District of

November 85						
District	(Normal No. of working hours)					
	Skilled Labour			Field Labour	Other Agricultural Labour	Herds-men
	Carpenters	Blacksmiths	Cobblers			
1	26	27	28	29	30	31
Bilaspur	23.75	21.75	18.00	11.88	11.88	10.00
Chamba	18.00	18.67	15.00	11.00	11.00	—
Hamirpur	20.00	20.00	18.00	10.00	10.00	10.00
Kangra	25.00	25.00	25.00	25.00	25.00	25.00
Kinnaur	—	—	—	—	—	—
Kullu	30.00	25.00	30.00	14.20	13.60	12.30
Lahaul-Spiti	—	—	—	—	—	—
Mandi	22.43	20.00	14.80	19.00	13.00	12.25
Shimla	28.00	28.60	25.20	16.40	14.60	14.60
Sirmaur	32.50	32.50	32.50	12.50	12.50	5.00
Solan	32.00	30.00	24.00	24.00	24.00	20.00
Una	25.50	26.65	27.50	13.25	13.25	13.50
State Average	25.72	24.83	23.00	15.72	14.88	13.63

January 86

(Normal No. of working hours)

District	(Normal No. of working hours)					
	Skilled Labour			Field Labour	Other Agricultural Labour	Herds-men
	Carpenters	Blacksmiths	Cobblers			
1	38	39	40	41	42	43
Bilaspur	25.00	23.00	18.75	11.88	11.88	10.00
Chamba	18.00	18.00	15.00	21.00	10.00	—
Hamirpur	20.00	20.00	18.00	10.00	10.00	10.00
Kangra	26.00	26.00	26.00	12.00	12.00	12.00
Kinnaur	25.00	18.00	—	17.75	15.00	20.00
Kullu	31.65	25.00	35.00	14.00	13.50	12.50
Lahaul-Spiti	—	—	—	—	—	—
Mandi	22.44	20.00	16.00	18.00	12.75	12.00
Shimla	28.00	28.60	25.20	16.40	14.60	14.60
Sirmaur	32.50	32.50	32.50	12.50	12.50	5.00
Solan	35.00	32.00	25.00	27.00	27.00	20.00
Una	25.50	26.75	27.50	13.25	13.50	13.50
State Average	26.28	24.53	23.90	15.80	13.86	12.96

NO. VII—contd.

Himachal Pradesh (State) in 1985-86.

(In Rupees per day)

December 85

(Normal No. of working hours)

District	(Normal No. of working hours)					
	Skilled Labour			Field Labour	Other Agricultural Labour	Herds-men
	Carpenters	Blacksmiths	Cobblers			
1	32	33	34	35	36	37
Bilaspur	23.75	21.75	18.00	11.88	11.88	10.00
Chamba	20.33	17.00	—	21.00	11.00	—
Hamirpur	20.00	20.00	18.00	10.00	10.00	10.00
Kangra	25.00	25.00	25.00	12.00	12.00	12.00
Kinnaur	25.00	18.00	—	17.75	15.00	20.00
Kullu	40.00	25.00	22.50	14.00	14.00	12.30
Lahaul-Spiti	—	—	—	—	—	—
Mandi	22.43	20.00	14.80	19.00	13.00	12.25
Shimla	28.00	28.60	25.20	16.40	14.60	14.60
Sirmaur	32.50	32.50	32.50	12.50	12.50	5.00
Solan	32.00	30.00	24.00	24.00	24.00	20.00
Una	25.50	26.75	27.50	13.25	13.25	13.50
State Average	26.77	24.05	23.05	15.62	13.75	12.96

February 86

(Normal No. of working hours)

District	(Normal No. of working hours)					
	Skilled Labour			Field Labour	Other Agricultural Labour	Herds-men
	Carpenters	Blacksmiths	Cobblers			
1	44	45	46	47	48	49
Bilaspur	25.00	23.00	18.75	11.88	11.88	10.00
Chamba	20.33	17.00	15.00	21.00	11.00	—
Hamirpur	20.00	20.00	18.00	10.00	10.00	10.00
Kangra	26.00	26.00	26.00	12.00	12.00	12.00
Kinnaur	25.00	18.00	—	17.75	15.00	20.00
Kullu	30.00	27.50	35.00	14.00	13.50	13.60
Lahaul-Spiti	—	—	—	—	—	—
Mandi	22.75	21.11	15.86	18.25	13.50	11.60
Shimla	28.00	28.60	25.20	16.40	14.60	14.60
Sirmaur	32.50	32.50	32.50	12.50	12.50	5.00
Solan	35.00	32.00	25.00	27.00	27.00	20.00
Una	25.50	26.75	27.50	13.25	13.25	13.50
State Average	26.37	24.77	23.88	15.82	14.02	12.83

TABLE  
Agriculture Wages in each District of

District	March 86					
	(Normal No. of working hours)					
	Skilled Labour			Field Labour	Other Agricultural Labour	Herds-men
	Carpenters	Black-smiths	Cobblers			
1	50	51	52	53	54	55
Bilaspur	26.25	23.75	20.00	12.25	12.25	11.00
Chamba	20.33	18.00	20.00	19.00	10.67	—
Hamirpur	20.00	20.00	18.00	10.00	10.00	10.00
Kangra	26.00	26.00	26.00	12.00	12.00	12.00
Kinnaur	25.00	18.00	—	17.75	15.00	20.00
Kullu	31.20	25.00	30.00	14.20	13.30	13.30
Lahaul-Spiti	—	—	—	—	—	—
Mandi	23.00	20.55	16.71	18.25	13.13	12.20
Shimla	28.00	28.60	25.20	16.40	14.60	14.60
Sirmaur	32.50	32.50	32.50	12.50	12.50	5.00
Solan	35.00	32.00	25.00	27.00	27.00	20.00
Una	25.50	26.75	27.50	13.25	13.25	13.50
State Average	26.62	24.66	24.09	15.69	13.97	13.16

District	May 86					
	(Normal No. of working hours)					
	Skilled Labour			Field Labour	Other Agricultural Labour	Herds-men
	Carpenters	Black-smiths	Cobblers			
1	62	63	64	65	66	67
Bilaspur	26.50	24.00	20.25	12.50	12.50	11.50
Chamba	22.00	18.00	—	19.00	12.00	—
Hamirpur	20.00	20.00	18.00	10.00	10.00	10.00
Kangra	26.00	26.00	26.00	12.00	12.00	12.00
Kinnaur	25.00	18.00	—	17.75	15.00	20.00
Kullu	31.20	25.00	30.00	15.00	15.00	12.40
Lahaul-Spiti	—	—	—	—	—	—
Mandi	25.20	22.00	16.89	19.50	12.75	13.50
Shimla	28.00	28.60	25.20	16.40	14.60	14.60
Sirmaur	32.50	32.50	32.50	12.50	12.50	5.00
Solan	35.00	32.00	25.00	27.00	27.00	20.00
Una	25.50	26.75	27.50	13.25	13.25	13.50
State Average	26.99	24.80	24.59	15.90	14.24	13.25

No. VII—contd.

Himachal Pradesh (State) in 1985-86

(In Rupees per day)

District	April 86					
	(Normal No. of working hours)					
	Skilled Labour			Field Labour	Other Agricultural Labour	Herds-men
	Carpenters	Blacksmiths	Cobblers			
56	57	58	59	60	61	
Bilaspur	26.25	23.75	20.00	12.25	12.25	10.00
Chamba	20.33	18.00	20.00	23.33	15.66	—
Hamirpur	20.00	20.00	18.00	10.00	10.00	10.00
Kangra	26.00	26.00	26.00	12.00	12.00	12.00
Kinnaur	25.00	18.00	—	17.75	15.00	20.00
Kullu	32.20	25.00	30.00	15.00	15.00	12.40
Lahaul-Spiti	—	—	—	—	—	—
Mandi	23.20	21.00	16.50	21.71	13.55	12.80
Shimla	28.00	28.60	25.20	16.40	14.60	14.60
Sirmaur	32.50	32.50	32.50	12.50	12.50	5.00
Solan	35.00	32.00	25.00	27.00	27.00	20.00
Una	25.50	26.75	27.50	13.25	13.25	13.50
State Average	26.72	24.69	24.07	16.47	14.62	13.03

District	June 86					
	(Normal No. of working hours)					
	Skilled Labour			Field Labour	Other Agricultural Labour	Herds-men
	Carpenters	Blacksmiths	Cobblers			
68	69	70	71	72	73	
Bilaspur	27.75	25.25	21.50	13.25	13.25	11.50
Chamba	18.00	18.00	20.00	22.50	12.00	—
Hamirpur	20.00	20.00	18.00	10.00	10.00	10.00
Kangra	26.00	26.00	26.00	12.00	12.00	12.00
Kinnaur	25.00	18.00	—	17.75	15.00	15.00
Kullu	31.20	25.00	35.00	17.00	15.00	12.50
Lahaul-Spiti	—	—	—	—	—	—
Mandi	25.20	22.00	16.75	20.57	13.56	12.67
Shimla	30.80	29.80	27.60	16.40	15.00	15.00
Sirmaur	32.50	32.50	32.50	12.50	12.50	5.00
Solan	35.00	32.00	25.00	27.00	27.00	20.00
Una	28.75	29.25	30.75	13.75	13.75	14.00
State Average	27.29	25.25	25.31	16.43	14.46	12.75

TABLE

Area under Food Crops in each District of

District	Cere-					
	Rice					
	Autumn (Aus)		Winter (Aman)		Summer (Boro)	
	Current	Normal	Current	Normal	Current	Normal
1	2	3	4	5	6	7
Bilaspur	—	—	—	—	3,083	3,601
Chamba	—	—	—	—	3,120	3,216
Hamirpur	—	—	—	—	4,489	4,898
Kangra	—	—	—	—	37,308	36,437
Kinnaur	—	—	—	—	35	21
Kullu	—	—	—	—	2,883	2,346
Lahaul-Spiti	—	—	—	—	—	—
Mandi	—	—	—	—	23,934	25,710
Shimla	—	—	—	—	4,746	5,296
Sirmaur	—	—	—	—	5,051	4,889
Solan	—	—	—	—	4,441	4,352
Una	—	—	—	—	1,672	2,177
State Total	—	—	—	—	90,762	92,943

District	Cere					
	Bajra or Cumbu		Barley		Maize	
	Current	Normal	Current	Normal	Current	Normal
	18	19	20	21	22	23
Bilaspur	—	1	357	435	23,224	23,879
Chamba	—	—	5,827	5,228	25,601	26,400
Hamirpur	4	—	149	206	31,080	28,115
Kangra	5	17	3,743	4,185	56,735	52,193
Kinnaur	—	—	1,708	2,000	504	475
Kullu	—	—	4,263	4,674	16,314	15,111
Lahaul-Spiti	—	—	949	794	33	30
Mandi	—	—	6,314	5,024	44,760	42,271
Shimla	—	13	6,390	7,635	21,656	22,106
Sirmaur	44	32	2,940	3,324	25,731	25,798
Solan	—	1	1,580	1,684	24,763	24,446
Una	—	—	21	12	29,113	28,477
State Total	53	64	34,241	35,261	2,99,514	2,89,301

NO. V-A

Himachal Pradesh (State) in 1985-86

(In hectares)

als	als									
	Total		Wheat		Jowar or Cholam					
					Rabi		Kharif		Total	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
8	9	10	11	12	13	14	15	16	17	
3,083	3,601	25,796	25,702	—	—	—	—	—	—	
3,120	3,216	18,703	18,107	—	—	—	—	—	—	
4,489	4,898	36,098	35,433	—	—	—	—	—	—	
37,308	36,437	89,703	85,893	—	—	—	10	—	—	
35	21	1,237	1,269	—	—	—	—	—	10	
2,883	2,346	18,969	19,034	—	—	—	—	—	—	
—	—	403	350	—	—	—	—	—	—	
23,934	25,710	68,720	64,773	—	—	11	—	11	—	
4,746	5,296	32,252	34,179	—	—	—	—	—	—	
5,051	4,889	29,179	30,140	—	—	—	—	—	—	
4,441	4,352	23,134	22,901	—	—	170	299	170	299	
1,672	2,177	32,913	33,139	—	—	—	—	—	—	
90,762	92,943	3,77,107	3,70,920	—	—	181	309	181	309	

als—contd.

Ragi or Marua		Italian millets		Kodo or Varagu		Common millet		Common and Little Millets	
Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
24	25	26	27	28	29	30	31	32	33
—	7	—	—	—	—	—	—	—	—
225	251	—	—	—	—	—	—	2,429	2,542
20	38	—	—	—	—	—	—	—	2
—	4	—	—	—	—	—	—	—	428
195	219	—	—	—	—	—	—	3,488	4,390
—	327	—	—	—	—	—	—	3,471	3,525
—	—	—	—	213	—	—	—	—	199
2,972	4,005	—	—	—	—	—	—	1,565	1,526
2,498	3,554	—	—	—	—	—	—	8,503	8,564
781	914	—	—	—	—	—	—	621	761
—	—	—	—	3	—	—	—	—	3
6,691	9,319	—	—	216	—	—	—	20,077	21,940

TABLE

Area under Food Crops in each District of

District 1	Cereals—concl'd.							
	Other Cereals						Total Cereals	
	Kharif		Rabi		Total			
	Current 34	Normal 35	Current 36	Normal 37	Current 38	Normal 39	Current 40	Normal 41
Bilaspur	—	—	—	—	—	—	52,460	53,625
Chamba	—	—	—	—	—	—	55,905	55,804
Hamirpur	—	—	—	—	—	—	71,840	68,692
Kangra	402	—	—	—	402	—	1,87,896	1,79,167
Kinnaur	—	—	—	—	—	—	7,167	8,374
Kullu	—	—	—	—	—	—	45,900	45,017
Lahaul-Spiti	—	—	—	—	—	—	1,598	1,373
Mandi	—	—	—	—	—	—	1,48,276	1,43,309
Shimla	—	—	—	—	—	—	76,045	81,347
Sirmaur	—	—	89	—	89	—	64,436	65,858
Solan	—	—	—	—	—	—	54,091	53,686
Una	—	—	—	—	—	—	63,719	63,805
State Total	402	—	89	—	491	—	8,29,333	8,20,057

District 1	Pul- ses—concl'd.					
	Horse Gram		Masur		Other	
	Kharif					
	Current 50	Normal 51	Current 52	Normal 53	Current 54	Normal 55
Bilaspur	543	565	37	35	123	127
Chamba	—	443	130	126	302	131
Hamirpur	848	1,046	66	64	2	15
Kangra	1,363	1,143	427	280	383	1,147
Kinnaur	1	1	—	2	215	284
Kullu	137	126	—	53	733	560
Lahaul-Spiti	—	—	1	—	7	1
Mandi	1,008	1,108	519	657	1,083	1,198
Shimla	1,126	1,179	150	171	622	662
Sirmaur	668	671	490	486	147	174
Solan	1,052	1,056	120	189	344	454
Una	324	337	95	88	91	73
State Total	7,070	7,675	2,035	2,151	4,052	4,825

NO. IV-A—cont'd.

Himachal Pradesh (State) in 1985-86—cont'd.

(In hectares)

District 1	Pulses							
	Gram		Green Gram or Mung		Red Gram or Tur (Arhar)		Black Gram or Urd (Mash)	
	Current 42	Normal 43	Current 44	Normal 45	Current 46	Normal 47	Current 48	Normal 49
	826	1,227	3	2	47	2	981	1,487
2	3	101	4	—	1	2,664	2,906	
181	707	10	2	—	2	1,067	1,548	
864	397	—	7	—	—	3,546	4,053	
—	—	34	—	—	—	37	13	
25	13	8	11	—	—	2,035	2,102	
—	—	—	—	—	—	—	—	
170	196	8	5	—	6	2,809	2,804	
23	24	2	2	—	1	2,798	2,681	
560	757	2	5	9	10	1,473	1,751	
3,324	2,729	—	2	261	265	2,223	2,378	
953	1,604	46	53	5	33	1,321	1,375	
6,928	7,657	214	93	322	320	20,954	23,098	

ses—concl'd.

District 1	pulses					
	Rabi		Total		Total Pulses	
	Current 56	Normal 57	Current 58	Normal 59	Current 60	Normal 61
	155	170	278	297	2,715	3,615
—	—	302	131	3,199	3,614	
—	—	2	15	2,174	3,384	
25	145	408	1,292	6,608	7,172	
113	118	328	402	400	418	
233	165	966	725	3,171	3,030	
—	199	7	200	8	200	
17	246	1,100	1,444	5,614	6,220	
26	51	648	713	4,747	4,771	
756	424	903	598	4,105	4,278	
819	655	1,163	1,109	8,143	7,728	
28	2	119	75	2,863	3,565	
2,172	2,175	6,224	7,001	43,747	47,995	

TABLE NO.  
Area under Food Crops in each District of

District 1	Total Foodgrains	
	Current	Normal
	62	63
Bilaspur ..	55,175	57,240
Chamba ..	59,104	59,818
Hamirpur ..	74,014	72,076
Kangra ..	1,94,504	1,86,339
Kinnaur ..	7,567	8,792
Kullu ..	49,071	48,047
Lahaul-Spiti ..	1,606	1,573
Mandi ..	1,53,890	1,49,529
Shimla ..	80,792	86,118
Sirmaur ..	68,541	70,136
Solan ..	62,234	61,414
Una ..	66,582	67,370
<b>State Total</b> ..	<b>8,73,080</b>	<b>8,68,052</b>

District 1	Fruits			
	Banana		Citrus	
	Current	Normal	Current	Normal
	70	71	72	73
Bilaspur ..	—	126	—	—
Chamba ..	—	—	—	—
Hamirpur ..	—	—	—	—
Kangra ..	—	—	121	38
Kinnaur ..	—	—	—	—
Kullu ..	—	—	2	—
Lahaul-Spiti ..	—	—	—	—
Mandi ..	—	—	67	—
Shimla ..	—	—	—	—
Sirmaur ..	3	3	88	72
Solan ..	—	—	4	—
Una ..	—	—	—	—
<b>State Total</b> ..	<b>3</b>	<b>129</b>	<b>282</b>	<b>110</b>

V-A—contd.

1985-86

Himachal Pradesh (State) in 1981-82—contd. (In hectares)

	Fresh Fruits					
	Sugarcane		Apples		Grapes	
	Current	Normal	Current	Normal	Current	Normal
	64	65	66	67	68	69
	138	142	—	—	—	—
	2	—	862	300	—	—
	286	330	—	—	—	—
	174	306	—	—	—	—
	—	—	1,128	621	17	2
	—	—	4,662	3,823	—	—
	—	—	6	4	—	—
	14	34	570	2,712	—	—
	—	—	16,486	12,327	—	—
	805	1,053	773	726	—	—
	287	323	7	120	—	—
	1,001	1,083	—	—	—	—
	2,707	3,271	24,494	20,633	17	2

contd.

	Fruits					
	Mangoes		Peaches and Pears		Other fresh fruits	
	Current	Normal	Current	Normal	Current	Normal
	74	75	76	77	78	79
	—	—	—	—	227	9
	—	1	—	—	6	595
	18	12	—	—	—	2
	3,532	926	—	287	—	1,035
	—	—	—	—	164	28
	—	—	1	2	484	292
	—	—	—	—	—	—
	76	56	1	7	4,191	2,004
	—	—	—	—	1	76
	132	95	174	140	68	127
	57	5	—	3	750	556
	48	45	—	—	92	70
	3,863	1,140	176	439	5,983	4,793



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 ..	227	135	—	—	—	—
Chamba ..	868	896	—	—	—	1
Hamirpur ..	18	14	—	—	—	—
Kangra ..	3,653	2,286	—	—	353	312
Kinnaur ..	1,309	652	—	—	—	—
Kullu ..	5,149	4,117	—	—	—	1
Lahaul-Spiti ..	6	4	—	—	—	—
Mandi ..	4,905	4,779	—	—	2	—
Shimla ..	16,487	12,400	—	—	25	6
Sirmaur ..	1,238	1,166	—	—	—	—
Solan ..	818	682	—	—	—	—
Una ..	140	115	—	—	—	—
State Total ..	34,818	27,246	—	—	380	320

## Vegetables—

other Vegetables

District	Sweet Potatoes		Onion		Winter		Summer		Total other Vegetables	
	Cur-	Nor-	Cur-	Nor-	Cur-	Nor-	Cur-	Nor-	Cur-	Nor-
	rent	mal	rent	mal	rent	mal	rent	mal	rent	mal
1	94	95	96	97	98	99	100	101	102	103
Bilaspur ..	—	—	86	81	11	56	132	79	143	135
Chamba ..	—	—	23	39	33	27	19	192	52	219
Hamirpur ..	—	—	35	57	9	38	114	84	123	122
Kangra ..	—	—	284	280	289	126	257	270	546	396
Kinnaur ..	—	—	—	—	3	26	150	21	153	47
Kullu ..	—	—	12	13	609	318	122	292	731	610
Lahaul-Spiti ..	—	—	—	—	—	—	343	5	343	5
Mandi ..	—	—	97	100	1,605	410	954	603	2,559	1,013
Shimla ..	—	—	10	5	1,678	1,114	1,232	852	2,910	1,966
Sirmaur ..	—	—	45	40	511	331	72	178	583	509
Solan ..	—	—	31	13	147	200	1,189	1,081	1,336	1,281
Una ..	2	—	60	28	171	199	201	204	372	403
State Total ..	2	—	683	656	5,066	2,845	4,785	3,861	9,851	6,706

IV-A—contd.

Himachal Pradesh (State) in 1985-86—contd.

(In hectares)

concl.

District	Vegetables							
	Total dry Fruits		Total Fruits (fresh & dry)		Potatoes		Tapioca	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
1	86	87	88	89	90	91	92	93
Bilaspur ..	—	—	227	135	28	19	—	—
Chamba ..	—	—	868	896	398	442	—	—
Hamirpur ..	—	1	18	15	5	8	—	—
Kangra ..	353	312	3,653	2,286	817	901	—	—
Kinnaur ..	—	—	1,662	964	456	468	—	—
Kullu ..	—	—	5,149	4,117	967	991	—	—
Lahaul-Spiti ..	—	1	6	5	1,079	1,274	—	—
Mandi ..	—	—	4,905	4,779	2,188	2,064	—	—
Shimla ..	2	—	16,489	12,400	7,246	7,246	—	—
Sirmaur ..	25	6	1,263	1,172	1,073	875	—	—
Solan ..	—	—	818	682	188	167	—	—
Una ..	—	—	140	115	205	136	—	—
State Total ..	380	320	35,198	27,566	14,650	14,591	—	—

14663

concl.

District	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
Bilaspur ..	257	235	484	370	—	—	—	—
Chamba ..	473	700	1,341	1,596	—	—	—	—
Hamirpur ..	163	187	181	202	—	—	—	—
Kangra ..	1,647	1,577	5,300	3,863	—	—	—	—
Kinnaur ..	609	515	2,271	1,479	—	19	—	—
Kullu ..	1,710	1,614	6,859	5,731	—	10	—	—
Lahaul-Spiti ..	1,422	1,279	1,428	1,284	—	—	—	—
Mandi ..	4,844	3,177	9,749	7,956	—	26	—	—
Shimla ..	10,166	9,217	26,655	21,617	—	—	—	—
Sirmaur ..	1,701	1,424	2,964	2,596	—	298	—	—
Solan ..	1,555	1,461	2,373	2,143	—	—	—	—
Una ..	639	567	779	682	—	—	—	—
State Total ..	25,186	21,953	60,384	49,519	—	353	—	—

TABLE NO.

Area under Food Crops in each District of

## Condiments

District	Cardamoms		Chillies	
	Current	Normal	Current	Normal
	112	113	114	115
1				
Bilaspur	—	—	8	11
Chamba	—	—	32	37
Hamirpur	—	—	1	1
Kangra	—	—	65	76
Kinnaur	—	—	3	—
Kullu	—	—	124	117
Lahaul-Spiti	—	—	—	—
Mandi	—	—	117	146
Shimla	—	—	220	190
Sirmaur	—	—	261	272
Solan	—	—	17	7
Una	—	—	12	9
State Total	—	—	860	866

TABLE NO.

Area under Non-food Crops in each District

## NON-FOOD

## FIB-

## Cotton

District	Desi		American	
	Current	Normal	Current	Normal
	2	3	4	5
1				
Bilaspur	—	39	41	7
Chamba	—	—	—	—
Hamirpur	8	17	—	—
Kangra	25	67	54	82
Kinnaur	—	—	—	—
Kullu	—	—	—	—
Lahaul-Spiti	—	—	—	—
Mandi	—	4	—	—
Shimla	—	—	—	—
Sirmaur	11	35	—	—
Solan	122	178	—	2
Una	33	76	41	34
State Total	199	416	136	125

## IV-A—concl.

Himachal Pradesh (State) in 1985-86—concl.

(In hectares)

## and spices

Ginger		Pepper		Turmeric		Other condiments and spices		Total condiments and spices		Total Food Crops	
Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
116	117	118	119	120	121	122	123	124	125	126	127
92	65	—	—	15	13	24	44	139	133	55,936	57,885
2	1	—	—	17	22	8	5	53	78	60,500	61,092
15	14	—	—	5	14	3	27	88	131	74,509	72,637
—	—	—	—	—	—	3	1	6	1	2,00,066	1,90,639
—	—	—	—	—	—	38	65	162	182	9,844	10,291
—	—	—	—	—	—	—	—	—	—	56,092	53,970
5	5	—	—	4	2	16	53	—	—	3,034	2,857
139	104	—	—	9	2	69	114	142	206	1,63,795	1,57,751
1,642	1,488	—	—	4	3	148	486	437	410	1,07,884	1,08,148
336	246	—	—	—	—	14	71	2,055	2,249	74,365	76,329
—	—	—	—	5	3	10	6	367	324	65,261	64,204
2,231	1,923	—	—	59	59	354	913	3,504	3,761	9,39,675	9,24,956

## IV-B

of Himachal Pradesh (State) in 1985-86

(In hectares)

## CROPS

## RES

Total		Jute		San Hemp		Other fibers	
Current	Normal	Current	Normal	Current	Normal	Current	Normal
6	7	8	9	10	11	12	13
41	46	—	—	9	7	—	—
8	17	—	—	1	2	—	—
79	149	—	—	112	76	—	—
—	—	—	—	98	79	—	—
—	—	—	—	—	—	—	—
—	4	—	—	—	—	—	104
11	35	—	—	—	1	—	—
122	180	—	—	6	43	—	—
74	110	—	—	47	9	—	—
335	541	—	—	273	273	—	104

TABLE NO.

Area under Non-food Crops in each District of

District	Oil					
	Fibres—concl.		Groundnut		Coconut	
	Current	Normal	Current	Normal	Current	Normal
1	14	15	16	17	18	19
Bilaspur ..	50	53	7	26	—	—
Chamba ..	—	1	—	—	—	—
Hamirpur ..	9	19	—	—	—	—
Kangra ..	191	225	3	2	—	—
Kinnaur ..	—	—	—	—	—	—
Kullu ..	98	79	—	2	—	—
Lahaul-Spiti ..	—	—	—	—	—	—
Mandi ..	—	108	8	10	—	—
Shimla ..	—	1	3	5	—	—
Sirmaur ..	17	78	51	66	—	—
Solan ..	122	189	887	1,047	—	—
Una ..	121	165	27	34	—	—
State Total ..	608	918	986	1,192	—	—

District	Edible—concl.					
	Others including Saf flower seed Sunflower etc.		Total edible oil seeds		Linseed	
	Current	Normal	Current	Normal	Current	Normal
1	27A	27B	28	29	30	31
Bilaspur ..	—	—	1,121	1,109	5	9
Chamba ..	—	—	2,640	2,835	63	71
Hamirpur ..	—	—	211	305	3	—
Kangra ..	—	—	5,013	5,368	4,379	4,534
Kinnaur ..	—	—	31	15	—	—
Kullu ..	—	—	552	513	—	—
Lahaul-Spiti ..	20	—	13	12	—	—
Mandi ..	4	—	458	507	618	558
Shimla ..	—	—	540	484	—	—
Sirmaur ..	197	—	1,389	1,165	4	7
Solan ..	—	—	2,341	1,921	3	3
Una ..	221	—	1,893	1,460	37	20
State Total ..	—	—	16,202	15,694	5,112	5,202

IV-B—contd.

Himachal Pradesh (State) in 1981-82—contd.

(In hectares)

seeds	Edible							
	Sesamum		Rape		Mustard		Taramira	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
1	20	21	22	23	24	25	26	27
442	528	14	230	337	325	321	—	—
90	85	—	1	2,550	2,749	—	—	—
179	240	—	12	19	53	13	—	—
3,944	4,620	172	106	894	640	—	—	—
—	—	—	9	31	6	—	—	—
6	7	6	4	540	500	—	—	—
—	—	—	—	13	12	—	—	—
51	109	—	3	379	385	—	—	—
85	79	—	—	448	400	—	—	—
301	513	81	28	583	558	373	—	—
354	487	2	167	287	220	614	—	—
794	1,089	119	33	460	304	493	—	—
6,246	7,757	394	593	6,541	6,152	1,814	—	—

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
—	—	—	—	5	9	1,126	1,118
—	—	—	—	63	71	2,703	2,906
—	—	—	—	3	—	214	305
—	—	—	—	4,379	4,534	9,392	9,902
—	—	—	—	—	—	31	15
—	—	—	—	—	—	552	513
—	—	—	—	—	—	13	12
—	—	—	—	618	558	1,076	1,065
—	—	—	—	—	—	540	484
—	—	—	—	4	7	1,393	1,172
—	—	30	—	33	3	2,374	1,924
—	—	—	—	37	20	1,930	1,480
—	—	30	—	5,142	5,202	21,344	20,896

TABLE NO.

Area under Non-food Crops in each District of

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

District	Drugs and Narcotics							
	Indtan Hemp		Opium		Cinchona		Other Drugs and Narcotics	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
1	54	55	56	57	58	59	60	61
Bilaspur	—	—	—	—	—	—	—	—
Chamba	—	—	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—	—	—
Kangra	—	—	—	—	—	—	—	—
Kinnaur	—	—	—	—	—	—	—	—
Kullu	—	—	—	—	—	—	19	—
Lahaul-Spiti	—	—	—	—	—	—	207	36
Mandi	—	—	—	—	—	—	—	—
Shimla	—	—	—	—	—	—	6	2
Sirmaur	—	—	—	—	—	—	—	2
Solan	—	—	—	—	—	—	21	10
Una	—	—	—	—	—	—	—	—
State Total	—	—	—	—	—	—	253	50

IV-B—concl'd.

Himachal Pradesh (State) in 1985-86—concl'd.

(In hectares)

District	Drugs and Narcotics							
	Rubber		Tobacco		Coffee		Tea	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
1	46	47	48	49	50	51	52	53
Bilaspur	—	—	10	24	—	—	—	—
Chamba	—	—	47	81	—	—	—	—
Hamirpur	—	—	1	4	—	—	—	—
Kangra	—	—	1	12	—	—	—	—
Kinnaur	—	—	—	—	—	—	2,634	2,500
Kullu	—	—	43	55	—	—	—	—
Lahaul-Spiti	—	—	—	—	—	—	—	—
Mandi	—	—	19	37	—	—	—	—
Shimla	—	—	4	6	—	—	465	510
Sirmaur	—	—	38	44	—	—	—	—
Solan	—	—	15	13	—	—	—	—
Una	—	—	7	4	—	—	—	—
State Total	—	—	185	280	—	—	3,099	3,010

District	Drugs and Narcotics							
	Total Drugs and Narcotics		Fodder crops		Other Misc.		Total Non-food crops	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
1	62	63	64	65	66	67	68	69
Bilaspur	10	24	187	145	—	—	1,373	1,340
Chamba	47	81	—	11	—	—	2,750	2,999
Hamirpur	1	4	108	71	—	—	332	399
Kangra	2,635	2,518	2,597	2,139	—	—	14,815	14,784
Kinnaur	19	—	—	2	—	—	50	17
Kullu	43	55	12	35	31	—	736	682
Lahaul-Spiti	207	36	—	—	—	—	220	48
Mandi	484	554	661	658	148	—	2,369	2,385
Shimla	10	8	—	—	9	—	599	499
Sirmaur	38	46	1,410	1,412	—	—	2,858	2,708
Solan	35	23	1,202	1,037	—	—	3,734	3,179
Una	7	4	2,089	2,011	20	—	4,167	3,660
State Total	3,537	3,353	8,266	7,521	208	—	33,963	32,688

## SUMMARY TABLES—contd.

B—Sources of Water Supply and Area Irrigated therefrom

(In hectares)

	1981-82	1982-83	1983-84	1984-85	1985-86
1	2	3	4	5	6
<b>(i) Specification of Sources :</b>					
Private canals—					
Number ..	—	—	—	3940	5275
Length in kilometre ..	—	—	—	5261	5467
Government canals—					
Number ..	1	1	1	291	353
Length in kilometre ..	10	10	10	228	241
Tubewells—					
Government ..	116	134	156	166	296
Private ..	791	985	1101	1152	1304
Total ..	907	1,119	1,257	1,378	1600
No. of other Government wells used for irrigation purposes only—					
Masonry ..	—	—	25	19	70
Non-masonry ..	—	—	29	26	26
No. of other private wells used for irrigation purposes only—					
Masonry ..	4,275	4,275	963	1,016	1023
Non-Masonry ..	80	80	1,073	1,075	1,065
No. of total wells in use for irrigation purposes ..	4335	4335	2,090	2,136	2,184
No. of wells used for domestic purposes only ..	—	—	2,835	2,838	2853
No. of wells not in use ..	—	—	497	547	556
No. of reservoirs ..	69	69	120	111	117
No. of Tanks—					
With Ayacut 100 hectares or more ..	23	23	3	15	36
With Ayacut less than 100 hectares ..	265	365	358	443	460
Total ..	288	388	361	458	496
No. of oil engines ..	524	1,177	1,177	233	254
<b>(ii) Net Area irrigated by—</b>					
Government canals ..	1,510	1,690	3,034	7,246	6,926
Private canals ..	—	—	—	—	—
Tanks ..	623	549	576	717	668
Wells ..	4,207	5,982	4,168	3,251	3,683
Other sources Kuhl ..	85,978	84,364	86,383	83,830	84,862
Total ..	92,318	92,585	94,161	95,044	96,138

## SUMMARY TABLES—contd.

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

(In hectares)

	1981-82	1982-83	1983-84	1984-85	1985-86
1	2	3	4	5	6
Per cent of net area irrigated to net area sown ..	16%	16%	16%	16%	16.5%
Area irrigated more than once in the same year (in hectares) ..	68,689	66,468	70,906	73,963	73,338
Total gross area of crops irrigated (in hectares) ..	1,61,007	1,59,053	1,65,067	1,69,007	1,69,476
Per cent of total irrigated area to total sown area ..	17%	17%	17%	17%	17.4%
Number of wells having independent ayacuts ..	—	—	—	—	—
Number of wells supplementary recognised sources of irrigation ..	—	—	—	—	—
Per cent of area irrigated by wells having independent ayacuts to the total area irrigated ..	—	—	—	—	—

SUMMARY TABLES—*contd.*

## C—Area of Crops Irrigated

(In hectares)

Crops 1	1981-82 2	1982-83 3	1983-84 4	1984-85 5	1985-86 6
<b>(i) Food Crops:</b>					
<b>Rice—</b>					
Autumn	—	—	—	—	—
Winter	—	—	—	—	—
Summer	51,901	49,100	53,041	51,664	50,506
Total	51,901	49,100	53,041	51,664	50,506
Wheat	59,560	61,434	60,382	65,176	64,231
<b>Jowar—</b>					
Rabi	—	—	—	3	5
Kharif	—	—	—	—	—
Total	—	—	—	3	5
Bajra	16	12	5	8	24
Barley	5,709	5,430	5,141	4,763	4,839
Maize	19,968	19,058	21,723	21,365	21,858
Ragi	401	383	371	444	271
Other Pulses	—	—	—	—	801
Kodo	1	—	—	1	—
Little millets	—	—	—	367	213
Common millets	3,327	2,703	2,902	1,908	1,890
Gram	415	208	245	238	410
Green gram	44	426	13	23	40
Other Veg. & Fruits	—	—	—	—	1,071
Black gram	—	—	—	—	568
Horse gram	141	100	162	217	213
Masur	194	292	191	255	227
Sugarcane	592	738	928	820	725
Potatoes	2,804	2,476	2,613	2,809	2,968
Misc. food crops	5,545	5,915	6,798	7,829	6,480
Cardamoms	—	—	—	—	2
Chillies	171	235	188	166	238
Ginger	912	888	951	1,046	1,076
Others	137	106	106	81	119
Turmeric	15	6	7	8	16
Total Food Crops	1,51,853	1,49,586	1,55,767	1,49,191	1,58,791
<b>(ii) Non-Food Crops:</b>					
<b>Cotton—</b>					
Desi	83	166	126	73	71
American	7	1	1	2	9
Total	90	167	127	75	80

SUMMARY TABLES—*contd.*C—Area of Crops Irrigated—*concl.*

(In hectares)

Crops 1	1981-82 2	1982-83 3	1983-84 4	1984-85 5	1985-86 6
Jute	—	—	—	—	—
San Hemp	18	9	12	4	19
Groundnut	78	71	81	87	90
Coconut	—	—	—	—	—
Sesamum	205	193	282	226	256
Rape	68	116	126	77	93
Mustard	361	386	306	451	441
Linseed	5,090	4,774	4,443	4,597	4,117
Castor	6	—	—	—	—
Indigo	—	—	—	—	—
Rubber	—	—	—	—	—
Tobacco	70	47	24	27	50
Coffee	—	—	—	—	—
Tea	1,308	1,328	1,480	—	2,104
Indian Hemp	—	—	—	—	—
Others	—	—	—	215	286
Cardamoms	—	—	—	—	—
Chillies	—	—	—	—	—
Ginger	—	—	—	—	—
Pepper	—	—	—	—	—
Turmeric	—	—	—	—	—
Fodder crops	1,783	2,285	2,273	2,902	3,039
Misc. non-food crops	77	91	146	1,155	110
Total non-food crops..	9,154	9,467	9,300	9,816	10,685
Total irrigated crops..	1,61,007	1,59,053	1,65,067	1,69,007	1,69,476

## SUMMARY TABLES—contd.

## D—Area under all Crops

(In hectares)

Crops 1	1981-82 2	1982-83 3	1983-84 4	1984-85 5	1985-86 6
<b>Paddy Rice—</b>					
Autumn ..	—	—	—	—	—
Winter ..	—	—	—	—	—
Summer ..	91,278	90,531	94,677	94,763	90,762
<b>Total ..</b>	<b>91,278</b>	<b>90,531</b>	<b>94,677</b>	<b>94,763</b>	<b>90,762</b>
<b>Wheat ..</b>	<b>3,65,655</b>	<b>3,75,906</b>	<b>3,76,263</b>	<b>3,85,813</b>	<b>3,77,107</b>
<b>Jowar—</b>					
Rabi ..	—	—	—	38	—
Kharif ..	55	1,216	153	116	181
<b>Total ..</b>	<b>55</b>	<b>1,216</b>	<b>153</b>	<b>154</b>	<b>181</b>
<b>Bajra ..</b>	<b>84</b>	<b>63</b>	<b>17</b>	<b>56</b>	<b>53</b>
<b>Barley ..</b>	<b>35,889</b>	<b>37,742</b>	<b>34,645</b>	<b>32,643</b>	<b>34,241</b>
<b>Maize ..</b>	<b>2,77,886</b>	<b>2,88,283</b>	<b>2,98,257</b>	<b>3,07,575</b>	<b>2,99,514</b>
<b>Ragi ..</b>	<b>9,845</b>	<b>8,655</b>	<b>8,235</b>	<b>7,884</b>	<b>6,691</b>
<b>Italian millets ..</b>	—	—	—	415	—
<b>Kodo ..</b>	—	—	—	—	216
<b>Other millets ..</b>	—	—	—	581	—
<b>Little &amp; Common millets ..</b>	<b>24,198</b>	<b>22,628</b>	<b>21,941</b>	<b>19,335</b>	<b>20,077</b>
<b>Other Cereals—</b>					
Kharif ..	—	—	—	—	402
Rabi ..	—	—	—	—	89
<b>Total ..</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>491</b>
<b>Total cereals ..</b>	<b>8,04,890</b>	<b>8,25,024</b>	<b>8,34,178</b>	<b>8,49,219</b>	<b>8,29,333</b>
<b>Gram ..</b>	<b>10,153</b>	<b>3,942</b>	<b>4,146</b>	<b>3,912</b>	<b>6,928</b>
<b>Green gram ..</b>	<b>62</b>	<b>145</b>	<b>127</b>	<b>82</b>	<b>214</b>
<b>Red gram ..</b>	<b>570</b>	<b>31</b>	<b>168</b>	<b>325</b>	<b>322</b>
<b>Black gram ..</b>	<b>22,605</b>	<b>23,092</b>	<b>22,700</b>	<b>23,543</b>	<b>20,954</b>
<b>Horse gram ..</b>	<b>7,588</b>	<b>7,642</b>	<b>7,852</b>	<b>7,660</b>	<b>7,070</b>
<b>Masur ..</b>	<b>2,284</b>	<b>2,557</b>	<b>1,890</b>	<b>1,859</b>	<b>2,035</b>
<b>Other pulses—</b>					
Kharif ..	8,557	3,691	4,383	4,166	4,052
Rabi ..	2,838	1,849	2,180	2,054	2,172
<b>Total ..</b>	<b>11,395</b>	<b>5,540</b>	<b>6,563</b>	<b>6,220</b>	<b>6,224</b>
<b>Total pulses ..</b>	<b>54,657</b>	<b>42,949</b>	<b>43,446</b>	<b>43,601</b>	<b>43,747</b>
<b>Total Foodgrains ..</b>	<b>8,59,547</b>	<b>8,67,973</b>	<b>8,77,624</b>	<b>8,92,820</b>	<b>8,73,080</b>
<b>Sugar crops—</b>					
Sugarcane ..	2,885	3,316	3,683	3,359	2,707
Other sugar crops ..	—	—	—	—	—
<b>Total ..</b>	<b>2,885</b>	<b>3,316</b>	<b>3,683</b>	<b>3,359</b>	<b>2,707</b>

## SUMMARY TABLES—contd.

## D—Area under all Crops—contd.

(In hectares)

Crops 1	1981-82 2	1982-83 3	1983-84 4	1984-85 5	1985-86 6
<b>Fresh Fruits—</b>					
Apples ..	17,277	19,969	23,173	22,352	24,494
Grapes ..	18	202	11	9	17
Bananas ..	122	472	145	140	3
Citrus fruits ..	104	86	2,034	122	282
Mangoes ..	361	194	136	4,205	3,863
Peaches and pears ..	509	151	171	140	176
Other fresh fruits ..	5,878	7,407	4,278	4,450	5,983
<b>Total fresh fruits ..</b>	<b>24,269</b>	<b>28,481</b>	<b>29,948</b>	<b>31,418</b>	<b>34,818</b>
<b>Dry fruits—</b>					
Cashew nuts ..	—	—	—	—	—
Other dry fruits ..	295	285	380	418	380
<b>Total dry fruits ..</b>	<b>295</b>	<b>285</b>	<b>380</b>	<b>418</b>	<b>380</b>
<b>Vegetables—</b>					
Potatoes ..	15,243	13,347	13,870	13,739	14,650
Tapioca ..	—	—	—	—	—
Sweet potatoes ..	352	232	209	—	2
Onions ..	772	634	497	635	683
<b>Others—</b>					
Winter ..	1,121	3,112	4,135	4,174	5,066
Summer ..	4,262	3,931	3,451	3,768	4,785
<b>Total Others ..</b>	<b>5,383</b>	<b>7,043</b>	<b>7,586</b>	<b>7,942</b>	<b>9,851</b>
<b>Total vegetables ..</b>	<b>21,750</b>	<b>21,231</b>	<b>22,162</b>	<b>22,376</b>	<b>25,186</b>
<b>Total fruits and vegetables ..</b>	<b>46,314</b>	<b>49,997</b>	<b>52,490</b>	<b>54,152</b>	<b>60,384</b>
Other Misc. food crops ..	51	—	102	1,489	—
Total food Crops ..	—	—	—	—	—
<b>Condiments and Spices—</b>					
Betelnuts ..	—	—	—	—	—
Cardamoms ..	—	—	—	—	—
Chillies ..	826	890	824	849	860
Ginger ..	1,867	1,906	1,733	2,062	2,231
Pepper ..	—	—	—	—	—
Turmeric ..	69	52	73	34	59
Other condiments and spices ..	377	285	391	220	354
<b>Total condiments and spices ..</b>	<b>3,139</b>	<b>3,133</b>	<b>3,021</b>	<b>3,166</b>	<b>3,504</b>
<b>Fibres</b>					
<b>Cotton—</b>					
Desi ..	—	—	—	383	199
American ..	—	—	656	90	136
<b>Total ..</b>	<b>—</b>	<b>—</b>	<b>656</b>	<b>473</b>	<b>335</b>
<b>Jute ..</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>San. Hemp ..</b>	<b>—</b>	<b>—</b>	<b>229</b>	<b>303</b>	<b>273</b>
<b>Other fibres ..</b>	<b>—</b>	<b>—</b>	<b>1</b>	<b>146</b>	<b>—</b>
<b>Total fibres ..</b>	<b>—</b>	<b>—</b>	<b>886</b>	<b>922</b>	<b>608</b>

## SUMMARY TABLES—contd.

D—Area under all Crops—contd.

(In hectares)

Crops 1	1981-82 2	1982-83 3	1983-84 4	1984-85 5	1985-86 6
<b>Edible Oil seeds—</b>					
Groundnut ..	1,525	1,439	882	837	986
Coconut ..	—	—	—	—	—
Sesamum ..	6,496	7,951	8,296	8,044	6,246
Rape ..	271	619	669	259	394
Mustard ..	6,259	6,472	6,243	5,860	6,541
Other edible oil seeds ..	2,224	815	765	1,151	2,035
<b>Total edible oil seeds ..</b>	<b>16,775</b>	<b>17,296</b>	<b>16,855</b>	<b>16,151</b>	<b>16,202</b>
<b>Non-edible oil seeds—</b>					
Linseed ..	5,472	5,200	4,747	5,132	5,112
Castor ..	—	219	—	24	30
Other non-edible oilseeds ..	937	517	51	—	—
<b>Total non-edible oilseeds ..</b>	<b>6,409</b>	<b>5,936</b>	<b>5,052</b>	<b>5,156</b>	<b>5,142</b>
<b>Total oilseeds ..</b>	<b>23,184</b>	<b>23,232</b>	<b>21,907</b>	<b>21,307</b>	<b>21,344</b>
<b>Dyes and Tanning Materials—</b>					
Indigo ..	—	—	—	—	—
Other dyes and tanning materials ..	—	—	—	—	—
<b>Total dyes and tanning materials ..</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Rubber</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Drugs and Narcotics—</b>					
Tobacco ..	288	248	214	227	185
Coffee ..	—	—	—	—	—
Tea ..	3,124	2,418	3,215	3,082	3,099
Indian Hemp ..	—	156	155	—	—
Opium ..	8	16	—	—	—
Cinchona ..	—	—	—	—	—
Other drugs and narcotics ..	50	19	6	141	253
<b>Total drugs and narcotics ..</b>	<b>3,470</b>	<b>2,857</b>	<b>3,590</b>	<b>3,450</b>	<b>3,537</b>
<b>Condiments and Spices—</b>					
Betelnuts ..	—	—	—	—	—
Cardamoms ..	—	—	—	—	—
Chillies ..	—	—	—	—	—
Ginger ..	—	—	—	—	—
Pepper ..	—	—	—	—	—
Turmeric ..	—	—	—	—	—
Other condiments and spices ..	—	—	—	—	—
<b>Total condiments and spices ..</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Fodder Crops ..	—	—	7,752	7,349	8,266
Other Misc. non-food crops ..	9,552	6,432	212	45	208
<b>Total non-food crops ..</b>	<b>37,138</b>	<b>33,443</b>	<b>34,347</b>	<b>33,073</b>	<b>33,963</b>

## SUMMARY TABLES—contd.

D—Area under all Crops—concl.

(In hectares)

Crops 1	1981-82 2	1982-83 3	1983-84 4	1984-85 5	1985-86 6
<b>Gross cropped area—</b>					
<b>Kharif:</b>					
Food crops ..	4,79,811	4,93,911	5,09,881	5,26,645	5,06,623
Non-food crops ..	16,590	16,388	17,515	17,378	16,629
<b>Rabi:</b>					
Food crops ..	4,32,125	4,30,508	4,27,039	4,28,342	4,33,052
Non-food crops ..	20,548	17,055	16,832	15,648	17,334
<b>Total food crops ..</b>	<b>9,11,936</b>	<b>9,24,419</b>	<b>9,36,920</b>	<b>9,54,986</b>	<b>9,39,675</b>
<b>Total non-food crops ..</b>	<b>37,138</b>	<b>33,443</b>	<b>34,347</b>	<b>33,073</b>	<b>33,963</b>
<b>Grand Total ..</b>	<b>9,49,074</b>	<b>9,57,862</b>	<b>9,71,267</b>	<b>9,88,059</b>	<b>9,73,638</b>
<b>Area cropped more than once ..</b>	<b>3,76,230</b>	<b>3,86,454</b>	<b>3,78,718</b>	<b>4,08,024</b>	<b>3,91,038</b>
<b>Net cropped area ..</b>	<b>5,72,844</b>	<b>5,71,408</b>	<b>5,92,549</b>	<b>5,80,025</b>	<b>5,82,600</b>
<b>Cropped area of forecast crops—</b>					
Failed ..	2,16,114	3,74,726	6,16,573	3,75,733	2,08,997
Matured ..	7,32,960	5,38,136	3,54,734	7,97,448	7,51,823
<b>Total gross un-adjusted area under various crop-mixtures ..</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>14,878</b>	<b>12,818</b>



TABLE

Details of Cropped Area in each District of

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	28,500	606	27,436	767	55,936	1,373	57,309	
Chamba	35,821	199	24,679	2,551	60,500	2,750	63,250	
Hamirpur	37,949	190	36,560	142	74,509	332	74,841	
Kangra	1,02,993	8,100	97,073	6,715	2,00,066	14,815	2,14,881	
Kinnaur	6,523	26	3,321	24	9,844	50	9,894	
Kullu	31,922	159	24,170	577	56,092	736	56,828	
Lahaul-Spiti	1,682	213	1,352	7	3,034	220	3,254	
Mandi	84,728	458	79,067	1,911	1,63,795	2,369	1,66,164	
Shimla	67,672	98	40,212	461	1,07,884	559	1,08,443	
Sirmaur	39,792	1,284	34,573	1,574	74,365	2,858	77,223	
Solan	35,209	2,443	30,052	1,291	65,261	3,734	68,995	
Una	33,832	2,853	34,557	1,314	68,389	4,167	72,556	
State Total	5,06,623	16,629	4,33,052	17,334	9,39,675	33,963	9,73,638	

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

NO. V

Himachal Pradesh (State) in 1985-86

(In acres)

Area cropped more than once	Net Cropped area	Area under Mixed Sowing									
		Cropped area of Forecast Crops		Wheat-Barley (Crop-Mixture) Net area under			Crops at the rate of mixture				
		Matured	Failed	Gross area unad-justed	Wheat	Barley	Gross area (unad-justed)	Net area under	Total unad-justed area under mixture		
9	10	11	12	13	14	15	16	17	18	19	
25,518	31,794	46,409	10,900	—	—	—	—	—	—	—	—
20,673	42,577	32,899	30,351	—	—	—	—	—	—	—	—
36,135	38,706	51,490	23,351	—	—	—	—	—	—	—	—
91,494	1,23,387	2,10,715	4,166	—	—	—	—	—	—	—	—
2,130	7,764	9,826	68	—	—	—	—	—	—	—	—
21,384	35,444	47,267	9,661	—	—	—	—	—	—	—	—
149	3,105	3,254	—	—	—	—	—	—	—	—	—
71,595	94,569	1,52,574	5,081	—	—	—	—	—	—	—	8,509
32,956	75,487	37,978	70,465	—	—	—	—	—	—	—	—
33,314	43,909	50,982	26,241	—	—	—	—	—	—	—	—
26,231	42,764	54,249	10,437	—	—	—	—	—	—	—	4,309
29,459	43,097	54,180	18,376	—	—	—	—	—	—	—	—
3,91,038	5,82,600	7,51,823	2,08,997	—	—	—	—	—	—	—	12,818

One separate column be given for each crop mixture.

**SUMMARY**

*E—Average yield per acre condition of the*

Crops 1	1981-82		1982-83	
	Average yield 2	Total outturn 3	Average yield 4	Total outturn 5
Rice—				
Autumn	—	—	—	—
Winter	—	—	—	—
Summer	1,040	93,390	825	75,335
Total	1,040	93,390	825	75,335
Wheat	1,216	4,48,881	1,184	4,43,361
Jowar—				
Rabi	—	—	—	—
Kharif	—	18	127	154
Total	—	18	127	154
Bajra	143	12	222	14
Barley	1,147	41,045	1,255	45,974
Maize	1,608	4,47,046	1,388	4,01,597
Ragi	600	5,908	668	5,957
Common millets	395	12,074	341	7,728
Other cereals	—	—	—	—
Total cereals	—	10,46,374	—	9,80,120
Gram	522	3,082	394	1,552
Other pulses (Kharif and Rabi)	—	4,675	—	1,658
Green Gram	290	18	241	35
Red Gram	426	243	258	8
Black Gram	248	5,619	193	4,459
Horse Gram	321	2,034	165	1,260
Masur	355	1,162	301	771
Total Pulses	—	16,833	—	9,741
Total Foodgrains	—	10,63,207	—	9,89,861
Sugarcane	1,203	2,341	904	2,998
Potatoes	3,789	59,719	2,348	31,281
Chillies	201	130	153	136
Ginger	1,296	607	280	535
Turmeric	465	24	365	19
Cardamom	—	—	—	—
Pepper	—	—	—	—
Other Condiments & Spices	—	—	—	—
Corriandr	—	—	—	27
Total Food Crops	—	11,26,055	—	10,24,830

**TABLES—contd.**

*Crops and the total outturn of Crops*

Average yield 6	1983-84		1984-85		1985-86	
	Total outturn 7	Average yield 8	Total outturn 9	Average yield 10	Total outturn 11	
—	—	—	—	—	—	
1,202	1,13,826	1,237	1,17,227	1,381	1,25,400	
1,202	1,13,826	1,237	1,17,227	—	1,25,400	
807	3,03,405	696	2,69,489	1,306	4,92,015	
—	—	—	26	—	—	
379	58	—	37	507	55	
379	58	—	63	507	55	
176	3	—	14	553	19	
988	33,200	—	27,263	1,119	37,280	
1,993	5,93,593	851	5,71,635	1,740	5,21,074	
865	7,128	1,897	5,666	534	4,021	
559	12,271	467	8,682	378	8,212	
—	—	—	—	—	—	
—	10,63,844	—	10,00,039	—	11,88,076	
214	405	398	428	518	4,215	
—	3,090	—	2,574	—	3,761	
314	40	295	21	276	7	
292	49	338	12	381	131	
310	—	250	3,297	273	3,007	
284	2,228	244	1,288	267	1,233	
—	—	257	494	291	409	
—	13,537	—	8,114	—	12,763	
—	10,77,381	—	10,08,153	—	12,00,839	
1,029	4,790	1,284	4,828	1,374	2,712	
3,976	55,143	3,916	42,269	4,498	49,334	
221	182	230	134	241	130	
409	710	1,634	1,376	1,635	1,300	
329	24	—	15	341	18	
—	—	—	2	122	—	
—	—	—	—	—	—	
—	—	—	257	300	801	
—	11,38,230	—	10,61,034	—	12,45,711	

**SUMMARY**

*E—Average yield per acre condition of the*

Crops 1	1981-82		1982-83	
	Average yield 2	Total outturn 3	Average yield 4	Total outturn 5
<b>Non-Food Crops—</b>				
Coconut ..	—	—	—	—
Sesamum ..	234	2,200	183	1,455
Rape ..	329	111	354	219
Mustard ..	305	1,800	185	1,195
Linseed ..	183	703	285	1,484
Castor ..	—	—	—	—
Groundnut ..	481	882	134	193
Indigo ..	—	—	—	—
Rubber ..	—	—	—	—
Tobacco ..	539	122	391	97
Coffee ..	—	—	—	—
Tea ..	—	729	—	—
Hemp ..	—	—	—	—
<b>Cotton—</b>				
Desi ..	368	873	270	1,043
American ..	Bales	Bales	Bales	Bales
Jute ..	—	—	—	—
San Hemp ..	—	—	—	—
Hemp ..	502	119	389	103
<b>Total Non-Food Crops ..</b>	<b>—</b>	<b>7,076</b>	<b>—</b>	<b>5,220</b>
<b>Total Food and Non-Food Crops ..</b>	<b>—</b>	<b>11,33,131</b>	<b>—</b>	<b>10,30,050</b>

**TABLES—contd.**

*Crops and total outturn of Crops—contd.*

	1983-84		1984-85		1985-86	
	Average yield 6	Total outturn 7	Average yield 8	Total outturn 9	Average yield 10	Total outturn 11
	—	—	—	—	—	—
	277	2,301	—	1,380	209	1,531
	142	159	340	68	454	170
	142	826	200	434	284	1,520
	302	1,313	185	1,130	216	1,662
	1,079	952	640	855	629	910
	—	—	—	—	—	—
	392	84	370	54	484	92
	395	1,077	350	516	350	1,036
	—	—	—	130	185	—
	241	931	376	1,096	372	438
	Bales	Bales	Bales	Bales	Bales	Bales
	—	—	332	—	213	100
	463	106	306	130	446	127
	463	—	—	—	—	—
	—	6,827	—	4,772	—	7,680
	—	11,43,057	—	10,65,806	—	12,62,814

## SUMMARY TABLES—contd.

## F—Farm prices of Principal Crops

(In rupees per quintal)

1	1981-82 2	1982-83 3	1983-84 4	1984-85 5	1985-86 6
Rice ..	180.60	213.55	224.26	212.20	240.60
Wheat ..	165.73	193.85	184.55	208.33	205.75
Jowar ..	200.00	225.10	250.00	250.00	120.00
Bajra ..	—	216.66	250.00	200.00	200.00
Barley ..	151.34	174.30	162.47	190.00	185.60
Gram ..	360.57	378.05	419.13	558.00	514.65
Maize ..	141.71	159.03	168.40	160.00	177.20
Cotton ..	887.92	1,066.75	1,117.00	1,187.75	1,118.20
Masur ..	—	—	—	—	457.00
Sugar raw ..	264.47	262.00	286.00	292.66	398.25
Groundnut ..	397.69	456.66	657.75	754.00	593.50
Castor seed ..	—	—	—	—	—
Linseed ..	480.17	478.33	528.08	590.14	580.25
Rape ..	525.30	520.75	649.12	909.40	614.50
Mustard ..	557.85	—	626.65	653.77	758.43
Sesamum ..	598.37	618.05	689.51	720.80	704.85
Tobacco ..	507.85	329.25	471.72	504.40	504.50
Ginger ..	521.31	473.05	564.69	497.50	428.25
Pepper ..	—	—	—	—	—

TABLE

Farm Prices during 1985-86 of Principal Crops

District	Rice		Wheat		Jowar		Bajra	
	Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year
	2	3	4	5	6	7	8	9
1								
Bilaspur ..	143	151	200	172	—	—	—	—
Chamba ..	232	244	196	190	—	—	—	—
Hamirpur ..	182	144	194	196	—	—	—	—
Kangra ..	325	321	196	192	—	—	—	—
Kinnaur ..	—	—	267	250	—	—	—	—
Kullu ..	297	315	195	200	—	—	—	—
Lahaul-Spiti ..	—	—	250	350	—	—	—	—
Mandi ..	210	235	205	199	120	—	—	—
Shimla ..	200	222	219	203	—	—	—	—
Sirmaur ..	400	160	186	182	—	—	200	200
Solan ..	194	188	197	183	—	250	—	200
Una ..	173	142	164	183	—	—	—	200
State Average ..	240.60	212.20	205.75	208.33	120.00	250.00	200.00	200.00

District	Sugar raw		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
	20	21	22	23	24	25	26	27	28	29
1										
Bilaspur ..	—	—	—	981	—	—	—	—	458	597
Chamba ..	—	—	—	—	—	—	500	400	—	—
Hamirpur ..	363	325	—	—	—	—	617	641	—	—
Kangra ..	—	—	—	—	—	—	488	484	—	—
Kinnaur ..	—	—	—	—	—	—	—	—	—	—
Kullu ..	—	—	—	—	—	—	—	—	775	—
Lahaul-Spiti ..	—	—	—	—	—	—	—	—	—	190
Mandi ..	650	—	600	—	—	—	614	638	525	—
Shimla ..	—	—	—	—	—	—	—	—	—	—
Sirmaur ..	220	220	550	550	—	—	667	667	700	700
Solan ..	—	—	724	731	—	—	710	713	—	800
Una ..	360	333	500	—	—	—	466	588	—	550
Average	398.25	292.65	593.50	754.00	—	—	580.25	590.15	614.50	909.40

at certain centres in Himachal Pradesh (State)

(Per quintal)

Current year	Last year	Barley		Gram		Maize		Cotton		Masur	
		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
192	171	500	480	155	163	1,167	—	—	—	553	
147	154	—	—	179	165	—	—	—	—	—	
214	217	502	560	191	148	1,130	1,350	—	—	—	
175	176	493	489	189	160	—	—	—	—	—	
188	168	—	—	203	189	—	—	—	—	—	
165	—	500	700	143	157	—	—	—	—	—	
200	350	—	—	—	—	—	—	—	—	—	
189	173	538	553	164	152	—	—	—	—	—	
159	150	651	591	176	153	—	—	—	—	457	
169	160	500	500	160	154	1,500	1,500	—	—	—	
198	179	492	555	191	169	750	800	—	—	—	
231	192	456	594	198	150	1,044	1,326	—	—	—	
185.60	190.00	514.65	558.00	177.20	160.00	1118.20	1244.00	457.00	501.5	—	

Current year	Last year	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
458	497	589	1208	458	—	333	398	—	—	—	
1200	—	—	—	—	—	130	—	—	—	—	
628	662	906	—	381	366	419	419	—	—	—	
665	641	622	623	492	620	715	776	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	
—	550	—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	—	
858	735	867	—	450	390	630	—	—	—	—	
800	800	—	—	—	—	350	450	—	—	—	
700	700	560	567	933	833	456	507	—	—	—	
—	628	725	549	313	313	393	435	—	—	—	
—	571	665	657	—	—	—	—	—	—	—	
758.43	653.75	704.85	720.80	504.50	504.40	428.25	497.50	—	—	—	

## SUMMARY TABLES—contd.

## G—Agricultural Wages

(In Rupees)

Months and year	Skilled Labour			Field Labour	Other Agr. Labour	Herds-men
	Carpenters	Black-smiths	Cobblers			
1	2	3	4	5	6	7
<b>1985-86—</b>						
July ..	25.64	23.22	21.15	14.80	13.96	12.60
August ..	25.85	23.68	21.90	14.48	13.64	12.74
September ..	26.00	24.05	22.87	14.80	14.32	13.07
October ..	25.64	23.49	21.97	14.64	13.60	12.66
November ..	25.72	24.83	23.00	15.72	14.88	13.63
December ..	26.77	24.05	23.05	15.62	13.75	12.96
January ..	26.28	24.53	23.90	15.80	13.86	12.96
February ..	26.37	24.77	23.88	15.82	14.02	12.83
March ..	26.62	24.66	24.09	15.69	13.97	13.16
April ..	26.72	24.69	24.07	16.47	14.62	13.03
May ..	26.99	24.80	24.59	15.90	14.24	13.25
June ..	27.29	25.25	25.31	16.43	14.46	12.75
<b>Average for the year..</b>	<b>26.32</b>	<b>24.34</b>	<b>23.32</b>	<b>15.51</b>	<b>14.11</b>	<b>12.97</b>
<b>1984-85—</b>						
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	20.60	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
<b>Average for the year..</b>	<b>23.68</b>	<b>21.61</b>	<b>20.50</b>	<b>14.92</b>	<b>12.86</b>	<b>11.65</b>

## SUMMARY TABLES—concl'd.

## H—Number of Livestock, Poultry and Agricultural Machinery

1	1977 2	1982 3
<b>Cattle :</b>		
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
<b>Buffaloes:</b>		
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
<b>Horses and Ponies:</b>		
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
Donkey .. .. .	6,074	6,613
Camels .. .. .	872	714
Pigs .. .. .	5,165	8,107
Total Livestock .. .. .	47,95,226	49,88,543
<b>Poultry:</b>		
Fowls .. .. .	3,27,954	4,60,972
Ducks .. .. .	1,598	198
Others .. .. .	9	115
Total Poultry .. .. .	3,29,561	4,61,285
<b>Agricultural Machinery and Implements:</b>		
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	NA

# HIMACHAL AT A GLANCE

year 1985-86

1.	Total area	(By Survey Genreal of India By Village papers area)	55,673 Sq. km. 3227071 Hectares.
2.	Forests		884785 "
3.	Total cropped area		973638 "
4.	Net area sown		582600. "
5.	Gross irrigated area		169476 "
6.	Percentage to the gross cropped area		17.4 "
7.	Net area irrigated		96138 "
8.	Percentage to net area sown		16.5 "
9.	Intensity of cropping		167.1 "
10.	Total outturn of food crops		12,45,711 M.T.
11.	Total outturn of non-food crops		7680 "
12.	Total population 1981 census:—		
		<i>Total</i>	<i>Rural</i>
			<i>Urban</i>
	Persons	42,80,818	39,54,847
	Males	21,69,931	19,88,331
	Females	21,10,887	19,66,516
13.	Density of population per Sq. km. (1981)		77
14.	Decennial growth rate (1971-81)		23.71 per cent.
15.	Sex ratios (number of females per one thousand males).		973
16.	Birth rate per thousand (1981)		31.5
17.	Death rate per thousand (1981)		10.4
18.	Number of households.		7,83,794
19.	Literacy rate		42.48
20.	Percentage of Rural population		92.39
21.	Percentage of 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-Division		42
26.	Number of Tehsils		64
27.	Number of Sub-Tehsils		24
28.	Number of patwar Circles		1,906
29.	Number of Kanungo Circles		185
30.	Number of Villages (1981) Census:—		
		<i>Total</i>	18,721
		<i>Inhabited</i>	16,807
		<i>Uninhabited</i>	1,914



31. Total livestock population (based on Thirteenth livestock Census, 1982).	49,88,540	
32. Total poultry	4,61,285	
33. Plough (Wooden and Steal)	6,24 lakhs	
34. Total number of operational holdings (Agricultural Census—1980-81).	6,38,081	
35. Total area of operational holdnigs Agricultural Census—1980-81).	9,80,425 Hactare	
36. Average size of holdings	1.5 hectares	
37. Percentage of Marginal farmers (up-to one hect.)	No.	Area.
	55.2	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. Perceottage of large (10.0 and 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. Percetage of marginal farmers within S/T	61.0	22.9
47. Percentage of small farmers within S/T	22.3	27.4
48. Average No. of parcel per holdings (input-survey 1981-82.)	5.89	Nos.
49. Average area per parcel (input Survey)	0.26	hec.
50. Average intensity of cropping 1985-86	167.1	

TABLE

Rainfall in each District of

District	Winter 1st January to 28th February						
	January		February		Total for the season		
	Current	Normal	Current	Normal	Total rainfall	Corresponding normal	No. of rainy days
1	2	3	4	5	6	7	8
Bilaspur	69.1	74.3	17.2	27.3	86.3	101.6	4.0
Chamba	96.6	149.0	21.7	97.0	118.3	246.0	8.3
Hamirpur	122.0	343.9	—	117.0	120.0	460.9	4.0
Kangra	58.4	65.0	7.7	67.3	66.1	132.3	5.3
Kinnaur	24.1	120.7	11.9	104.3	36.0	225.0	5.3
Kullu	NA	NA	NA	NA	NA	NA	NA
Lahaul & Spiti	25.0	43.7	13.0	95.7	38.0	139.4	5.0
Mandi	79.2	86.3	27.5	50.5	106.7	136.8	6.8
Shimla	51.2	116.7	18.4	61.2	69.6	177.9	6.4
Sirmaur	35.5	87.5	—	34.6	35.5	122.1	3.0
Solan	61.2	73.7	13.4	74.2	74.6	147.9	5.0
Una	29.4	29.5	3.0	76.1	32.4	105.6	4.0
H.P. State Average	59.2	108.2	12.2	73.2	71.4	181.4	5.2

Monsoon  
1st June to 30th September

District	Monsoon 1st June to 30th September											
	June		July		August		September		Total for the season			
	Cur- rent	Nor- mal	Cur- rent	Nor- mal	Cur- rent	Nor- mal	Cur- rent	Nor- mal	Total rain- fall	Corres- pond- ing nor- mal	No. of rainy days	
1	18	19	20	21	22	23	24	25	26	27	28	
Bilaspur	65.7	57.3	475.5	431.9	591.1	297.5	96.0	186.5	1228.3	973.2	43	
Chamba	54.2	76.3	221.0	284.3	154.5	240.9	27.4	152.5	457.1	734.0	29.7	
Hamirpur	205.0	89.0	473.0	207.5	466.0	159.5	112.0	54.7	1256.0	510.7	53.0	
Kangra	81.7	191.1	654.5	562.0	574.3	443.9	216.6	88.7	1527.1	1285.7	49.6	
Kinnaur	15.2	31.2	130.8	75.7	60.1	63.2	67.4	68.9	273.5	239.0	29.8	
Kullu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Lahaul & Spiti	—	10.1	123.0	25.9	4.5	15.2	—	7.8	127.5	59.1	6	
Mandi	64.9	127.3	454.6	498.3	402.9	411.0	183.0	191.7	1105.4	1228.3	50.2	
Shimla	76.1	89.7	243.9	328.1	196.5	273.2	138.1	144.8	654.6	835.8	42.0	
Sirmaur	59.8	108.1	718.1	531.1	453.3	562.0	172.2	224.6	1403.4	1425.8	49.5	
Solan	118.0	202.0	330.1	409.6	439.1	352.2	170.6	168.4	1057.8	1132.2	47.4	
Una	44.7	55.5	475.2	387.6	482.8	199.3	156.5	109.9	1159.2	752.3	44.1	
H. P. State Average	71.4	94.3	390.9	340.2	347.7	274.4	121.3	127.1	931.8	836.0	40.4	

No. 1

Himachal Pradesh (State) for the year 1985

(In millimetres)

Pre-Monsoon 1st March to 31st May										
March		April		May		Total for the season				
Current	Normal	Current	Normal	Current	Normal	Total rainfall	Corres-ponding normal	No. of rainy days		
9	10	11	12	13	14	15	16	17		
5.5	56.3	62.7	13.5	29	18.9	97.2	88.7	5.5		
22.5	130.1	20.9	71.5	63.6	60.5	107.0	262.1	9.4		
2.0	132.0	44.0	57.0	15.0	52.0	61.0	241.0	5.0		
8.1	75.7	31.6	24.3	25.8	26.1	65.5	126.1	10.4		
26.3	103.2	69.7	70.9	44.5	66.3	140.5	240.4	12.3		
NA	NA	NA	NA	NA	NA	NA	NA	NA		
91.0	74.2	54.0	34.3	7.0	37.4	152.0	145.9	15.1		
19.5	85.6	49.6	41.8	36.4	50.4	105.5	177.8	9.3		
17.8	83.2	73.6	44.2	23.2	55.3	114.6	182.9	8.8		
4.8	39.1	12.2	11.3	17.5	25.2	34.5	75.6	6.5		
4.2	64.6	37.9	29.9	17.9	4.10	60.0	135.5	4.4		
2.1	45.4	3.0	13.2	3.2	49.8	8.3	108.4	1.0		
18.5	80.8	41.8	37.5	25.7	43.9	86.0	162.2	8.0		

Post-Monsoon  
1st October to 31st December

Post-Monsoon 1st October to 31st December											
October		November		December		Total for the season			Total for the year		
Cur- rent	Nor- mal	Cur- rent	Nor- mal	Cur- rent	Nor- mal	Total rain- fall	Corres- pond- ing normal	Number of rainy days	Total rain- fall	Total Corres- pond- ing Normal	Total No. of rainy days
29	30	31	32	33	34	35	36	37	38	39	40
113.5	80.9	—	8.9	40.4	33.1	153.9	122.9	6.5	1565.7	1286.4	59.0
96.7	111.8	6.4	29.8	100.3	75.4	203.4	217.0	8.9	885.8	1478.0	56.3
200.0	14.0	—	14.0	82.0	11.5	282.0	39.5	7.0	1721.0	1252.1	69.0
117.9	49.9	—	16.2	82.2	39.3	200.1	105.4	7.0	1858.8	1649.5	72.3
133.3	54.3	16.1	13.6	60.7	78.9	210.1	146.8	11.8	660.1	851.2	59.2
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
26.5	—	—	7.3	78.0	21.3	104.5	28.6	8.0	422.0	372.9	34.0
137.3	83.9	0.9	11.5	88.0	41.4	226.2	136.8	8.2	1543.8	1679.7	74.5
145.2	69.1	6.2	12.3	65.9	48.8	217.3	130.2	8.9	1056.1	1326.8	66.1
177.1	109.1	—	11.6	84.4	24.7	261.5	145.4	8.3	1734.9	1768.9	67.3
174.9	8.9	0.9	22.0	80.7	28.1	256.5	59.0	8.8	1448.9	1474.6	65.6
155.1	4.4	—	12.8	71.1	17.6	206.2	34.8	5.0	1406.1	1001.1	54.1
32.5	53.3	2.8	14.5	75.8	38.2	211.0	106.0	8.0	1300.2	1285.6	61.6

## CLASSIFICATION OF AREA IN EACH DISTRICT OF HIMACHAL PRADESH

District/ Name of the Tehsils	Total Geographical Area			Classification		
	By Pro- fessional Survey	Reporting of land utilisa- tion pur- poses by village papers	Forests	Barren and un- cultu- rable land	Land put-to non- Agri- cultural uses	Cultura- ble Waste
1	2	3	4	5	6	7
<b>Bilaspur:</b>						
Bilaspur ..		27,966	1,259	1,828	2,041	1,226
Ghumarwin ..		41,728	4,294	2,233	5,376	1,758
Jhandutta ..		19,176	2,681	4,31	4,234	788
Shri Naina- Deviji ..		26,600	3,219	1,948	3,651	761
<b>Total</b> ..	<b>1,16,700</b>	<b>11,5470</b>	<b>11,453</b>	<b>6,440</b>	<b>15,302</b>	<b>4,533</b>
<b>Chamba:</b>						
Chamba ..		1,27,159	64,576	1,413	3,014	796
Churah ..		1,57,325	24,685	987	3,645	2,270
Bhattiyat ..		66,055	18,183	998	3,527	1,663
Bharmour ..		1,81,833	23,687	291	1,341	525
Pangi ..		1,60,047	1,39,119	799	743	102
<b>Total</b> ..	<b>6,51,500</b>	<b>6,92,419</b>	<b>2,70,250</b>	<b>4,488</b>	<b>12,270</b>	<b>5,356</b>
<b>Hamirpur :</b>						
Hamirpur ..		24,738	2,934	2,318	4,428	2,783
Barsar ..		27,469	9,345	2,274	2,712	2,465
Nadaun ..		24,567	5,725	2,698	2,965	2,512
Bhoranj ..		15,091	874	1,449	2,808	1,367
Sujanpur ..		18,038	1,136	3,036	4,107	3,636
<b>Total</b> ..	<b>1,11,800</b>	<b>1,09,903</b>	<b>20,014</b>	<b>11,775</b>	<b>17,020</b>	<b>12,763</b>
<b>Kangra:</b>						
Kangra ..		94,802	53,686	6,543	7,988	—
Bouh ..		13,365	6,173	2,365	839	—
Dehra ..		93,363	19,031	13,987	35,028	1,443
Khundian ..		19,026	3,230	2,726	1,451	4,561
Rakkar ..		11,269	2,335	1,148	1,213	3,819
Nurpur ..		85,084	40,040	4,153	12,444	400
Fatehpur ..		31,631	8,325	2,937	8,251	401
Indora ..		29,769	7,111	3,965	5,628	400
Palampur ..		57,728	22,393	5,403	6,008	2,316
Bajjnath ..		1,24,444	78,959	3,288	3,819	30,876
Jaisinghpur ..		24,490	2,767	5,455	3,255	4,589
<b>Total</b> ..	<b>5,73,900</b>	<b>5,84,971</b>	<b>2,44,050</b>	<b>51,970</b>	<b>85,924</b>	<b>48,805</b>
<b>Kinnaur:</b>						
Nichar ..		1,18,586	10,349	1,206	573	672
Sangla ..		12,117	7,712	2,345	259	283
Kalpa ..		32,272	1,700	1,067	19,948	622
Moorang ..		2,193	—	173	65	206
Pooh ..		2,168	8	309	208	450
Hangrang ..		1,160	—	27	388	109
<b>Total</b> ..	<b>6,55,300</b>	<b>1,68,496</b>	<b>13,769</b>	<b>5,127</b>	<b>21,441</b>	<b>2,342</b>

Permanent pastures and other grazing lands	Land under misc. tree crops and groves not in- cluded in area shown	Current fallows	Other fallows land	Net area sown	Area sown more than once	Total cropped area
8	9	10	11	12	13	14
12,557	38	508	298	8,211	6,184	14,395
11,340	57	584	236	15,850	12,183	28,033
6,552	3	230	187	4,070	3,568	7,638
12,657	14	560	130	3,660	3,583	7,243
43,106	112	1,882	851	31,791	25,518	57,309
42,619	37	458	39	14,207	5,259	19,466
1,12,247	455	617	60	12,359	5,593	17,952
30,743	2	368	60	10,511	7,805	18,316
1,51,445	3	707	64	3,770	1,500	5,360
17,233	4	316	1	1,730	426	2,55
3,54,287	501	2,466	224	42,577	20,673	63,250
222	—	2,022	—	10,031	9,289	19,320
148	—	2,067	27	8,431	7,180	15,611
—	—	2,720	—	7,947	7,926	15,873
53	—	269	—	8,271	8,010	16,281
44	—	2,053	—	4,026	3,730	7,756
467	—	9,131	27	38,706	36,135	74,841
5,654	—	375	—	20,556	16,351	36,907
1,354	—	226	—	2,408	2,144	4,552
4,901	—	1,985	—	16,988	16,167	33,155
2,524	—	492	—	4,042	3,712	7,754
90	—	215	—	2,449	2,409	4,858
253	—	1,297	—	26,497	13,772	40,269
702	—	301	—	10,714	5,737	16,451
273	—	1,800	—	10,592	8,347	18,939
4,395	11	—	—	17,202	14,094	31,296
1,691	—	165	—	5,646	3,408	9,054
2,081	—	50	—	6,293	5,353	11,646
23,918	11	6906	—	1,23,387	91,494	2,14,881
1,02,593	44	520	98	2,531	1,075	3,606
5,619	21	556	15	1,307	256	1,563
6,770	19	356	44	1,746	262	2,008
278	—	224	91	1,156	2,327	1,483
386	—	101	46	660	164	824
184	—	76	12	164	46	410
1,15,830	84	1,833	306	7,764	2,130	9,894

	1	2	3	4	5	7	7
<b>Kullu:</b>							
Kullu ..		25,097	—	—	1,017	2,707	1,446
Banjar ..		9,036	—	—	1,485	—	1,024
Anni ..		7,797	—	—	900	—	584
Nirmand ..		7,623	—	—	1,013	—	736
<b>Total</b> ..	<b>5,50,300</b>	<b>49,553</b>	<b>—</b>	<b>—</b>	<b>4,415</b>	<b>2,707</b>	<b>3,790</b>
<b>L. Spiti:</b>							
Udaipur ..		1,91,999	12,343	—	233	1,273	27
Lahaul ..		3,408	—	—	435	80	113
Spiti ..		1,794	—	—	283	77	34
<b>Total</b> ..	<b>1,36,9300</b>	<b>1,97,201</b>	<b>12,343</b>	<b>—</b>	<b>951</b>	<b>1,430</b>	<b>174</b>
<b>Mandi:</b>							
Jogindernagar ..		67,895	34,967	—	—	3689	545
Bhoral ..		9,151	813	—	728	—	—
Sarkaghat ..		30,012	4,168	—	2,425	99	668
Baldwara ..		9,256	811	—	821	30	153
Sandhol ..		9,975	821	—	1,039	224	212
Sadar ..		82,627	35,071	—	2,164	3,135	855
Chachiot ..		32,909	16,889	—	763	696	97
Balichowki ..		20,193	9,950	—	472	366	60
Thunag ..		32,782	14,882	—	7	1,084	37
Sundernager ..		43,292	13,463	—	1,276	1,476	430
Karsog ..		58,145	22,269	—	2,215	327	726
<b>Total</b> ..	<b>3,95,100</b>	<b>3,96,237</b>	<b>1,54,104</b>	<b>—</b>	<b>11,910</b>	<b>11,094</b>	<b>3,783</b>
<b>Shimla:</b>							
Rampur ..		33,438	4,757	—	1,499	6,424	2,001
Nankhari ..		6,897	711	—	169	76	913
Rohru ..		20,386	4,044	—	737	131	1,146
Chirgaon ..		9,619	73	—	212	87	1,606
Dodrakwar ..		36,697	3,767	—	405	—	94
Jubbil ..		24,487	7,813	—	652	590	624
Chopal ..		48,762	10,794	—	3,514	1,032	539
Kupvi ..		9,670	—	—	175	145	234
Theog ..		47,302	6,711	—	2,144	695	951
Shimla ..		48,901	8,049	—	2,682	1,571	1,165
Sumi ..		24,038	5,079	—	222	982	400
Kumarsain ..		23,115	5,693	—	1,088	531	467
Kotkhai ..		20,316	4,352	—	786	226	382
<b>Total</b> ..	<b>5,13,100</b>	<b>3,53,628</b>	<b>61,843</b>	<b>—</b>	<b>14,285</b>	<b>12,490</b>	<b>10,562</b>
<b>Sirmaur:</b>							
Nahan ..		17,152	2,180	—	1,007	1,195	1,235
Paonta ..		22,431	1,125	—	2,420	2,441	566
Renuka ..		49,951	13,480	—	1,095	1,385	1,208
Pachhad ..		40,649	8,303	—	451	1,487	4,852
Rajgarh ..		41,249	15,238	—	587	1,108	2,747
Shillai ..		25,879	6,244	—	545	966	794
Kamtau ..		14,824	1,041	—	585	638	1,049
Dadaha ..		12,538	1,112	—	566	203	449
<b>Total</b> ..	<b>2,82,600</b>	<b>2,24,673</b>	<b>48,723</b>	<b>—</b>	<b>7,256</b>	<b>9,423</b>	<b>12,900</b>
<b>Solan:</b>							
Ramshehr ..		20,479	3,006	—	862	1,796	864
Nalagarh ..		50,134	7,159	—	3,683	3,785	6,212
Kasauli ..		29,132	2,468	—	22,90	1,164	1,606

	8	9	10	11	12	13	14
	—	256	1,210	—	18,461	10,096	28,557
	—	—	578	—	5,949	4,164	10,113
	—	—	812	—	5,501	3,099	8,600
	—	—	336	5	5,533	4,025	9,558
	—	256	2,936	5	35,444	21,384	56,828
	1,77,385	7	64	—	717	149	866
	1,400	30	9	—	1,321	—	321
	—	14	369	—	1,067	—	2,067
	—	71	442	—	3,105	149	3,254
	1,243	122	766	66	12,897	9,897	22,794
	2,708	—	—	408	4,494	4,556	9,050
	11,418	7	134	—	11,093	9,980	21,073
	2,961	—	34	3	4,413	3,849	8,262
	4,563	—	6	—	3,110	2,779	5,889
	19,621	43	100	4	21,634	17,140	38,774
	8,168	1	12	3	6,280	2,808	9,088
	5,883	—	226	1	3,297	1,981	5,278
	11,513	—	270	32	4,957	3,672	8,629
	16,784	14	227	27	9,595	7,529	17,124
	19,579	10	208	12	12,799	7,404	20,203
	1,18,041	197	1,983	556	94,569	71,595	1,66,164
	7,441	1,554	406	118	9,238	4,637	13,875
	931	7	493	95	3,502	1,733	5,235
	4,405	189	396	44	9,294	3,286	12,580
	50	6	384	110	7,091	2,458	9,549
	31,410	10	4	5	1,002	172	1,174
	9,240	66	373	25	5,104	2,330	7,434
	24,181	256	536	421	7,489	3,091	10,580
	6,624	41	67	86	12,298	826	3,124
	26,247	556	710	127	9,121	3,862	12,983
	27,814	178	545	175	6,722	4,157	10,879
	12,744	34	339	120	4,118	3,161	7,379
	9,532	58	306	78	5,362	1,724	7,086
	8,450	313	582	79	5,146	1,419	6,565
	1,69,069	3,268	5,141	1,483	75,487	32,956	1,08,443
	4,895	1,335	483	152	4,670	3,384	8,054
	2,620	515	965	32	11,747	9,486	21,233
	17,178	8,355	335	67	6,848	4,870	11,718
	8,920	10,138	522	138	5,838	4,096	9,934
	7,833	7,551	569	103	5,513	3,436	8,949
	8,665	3,721	291	79	4,574	3,974	8,548
	5,776	2,238	244	111	3,142	2,712	5,854
	7,696	705	157	73	1,577	1,356	2,933
	43,583	34,558	3,566	755	43,909	33,314	77,223
	2,114	64	810	—	3,763	2,389	6,152
	1,386	1,386	1,673	173	15,905	10,821	26,726
	14,794	7	281	39	6,483	3,840	10,323

	1	2	3	4	5	6	7
Solan	..		21,053	454	763	2,242	1,126
Kandaghat	..		20,120	99	941	767	1,003
Arki	..		39,403	6,400	1,359	1,408	679
Total	..	19,3700	1,80,321	19,586	9,898	11,132	11,490
Una:							
Amb	..		33,413	163	9,809	7,643	2,203
Bangana	..		59,649	8,632	15,445	4,235	2,607
Haroli	..		41,254	19,855	3,162	3,411	2,406
			19,883	—	2,642	4,593	4,313
Total	..	1,54,000	1,54,199	28,650	31,058	19,882	11,529
Grand Total (HP)		55,67,300	32,27,071	8,84,785	1,59,573	2,20,115	1,28,027

	8	9	10	11	12	13	14
	11,517	31	586	71	4,313	2,320	6,633
	14,133	61	102	18	3,026	1,631	4,657
	19,789	15	391	88	9,274	5,230	14,504
	79,705	1,564	3,793	389	42,764	26,231	68,995
	723	—	518	—	12,354	9,195	21,549
	2,315	118	334	8,722	17,241	11,137	28,378
	3,091	—	2,703	—	6,626	5,707	12,333
	748	7	272	432	6,876	3,420	10,296
	6,877	125	3,827	9,154	43,097	29,459	72,556
	11,53,568	40,747	43,906	13,750	5,82,600	3,91,038	9,73,638

TABLE

Classification of area in each District of

## CLASSIFI-

District	Total geo- graphical area		CLASSIFI-			
	By profes- sional survey	Reporting area for land utilisation purposes (by village papers)	Forests	Barren and uncultur- able land	Land put to non- agricultu- ral uses	Cultur- able waste
1	2	3	4	5	6	7
Bilaspur ..	4,16,700	1,15,470	11,483	6,440	15,302	4,533
Chamba ..	6,51,500	6,92,419	2,70,250	4,488	12,270	5,356
Hamirpur ..	1,11,800	1,09,983	20,014	11,075	17,020	12,763
Kangra ..	5,73,900	5,84,971	2,44,050	51,970	85,924	48,805
Kinnaur ..	6,55,300	1,68,496	13,769	5,127	21,441	2,342
Kullu ..	5,50,300	49,553	—	4,415	2,707	3,790
Lahaul & Spiti ..	13,69,300	1,97,201	12,343	951	1,430	174
Mandi ..	3,95,100	3,96,237	1,54,104	11,910	11,094	3,783
Shimla ..	5,13,100	3,53,628	61,843	14,285	12,490	10,562
Sirmaur ..	2,82,600	2,24,673	48,723	7,256	9,423	12,900
Solan ..	1,93,700	1,80,321	19,586	9,898	11,132	11,490
Una ..	1,54,000	1,54,199	28,650	31,058	19,882	11,529
State Total ..	55,67,300	32,27,071	8,84,785	1,59,573	2,20,115	1,28,027

## NO. II

Himachal Pradesh (State) for the year 1985-86

(In hectares)

## CATION

Permanent pastures and other grazing lands	Land under misc. tree crops and groves not included in area sown	Current fallow	Other fallow land	Net area sown	Area sown more than once	Total cropped area
8	9	10	11	12	13	14
43,106	112	1,882	851	31,791	25,518	57,309
3,54,287	501	2,466	224	42,577	20,673	63,250
467	—	9,131	27	38,706	36,135	74,841
23,918	11	6,906	—	1,23,387	91,494	2,14,881
1,15,830	84	1,833	306	7,764	2,130	9,894
—	256	2,936	5	35,444	21,384	56,828
1,78,685	71	422	—	3,105	149	3,254
1,18,041	197	1,983	556	94,569	71,595	1,66,164
<del>1,69,069</del>	<del>3,268</del>	<del>5,141</del>	<del>1,483</del>	<del>75,487</del>	<del>32,956</del>	<del>1,08,443</del>
63,583	34,558	3,566	755	43,909	33,314	77,223
79,705	1,564	3,793	389	42,764	26,231	68,995
6,877	125	3,827	9,154	43,097	29,459	72,556
11,53,568	40,747	43,906	13,750	5,82,600	3,91,038	9,73,638



		Barley	Maize	Ragi. or Morua		Italian milles		
Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current
		16	17	18	19	20	21	22
Bilaspur	..	302	—	6,571	—	—	—	—
Ghumarwin	..	26	—	10,189	—	—	—	—
Jhunduta	..	18	—	3,478	—	—	—	—
Shri Naina-Devi	..	11	—	2,986	—	—	—	—
Total	..	357	435	23,224	23,879	—	7	—
Chamba	..	1,407	—	9,142	—	137	—	—
Churah	..	1,292	—	9,549	—	30	—	—
Bhattiyat	..	1,975	—	5,540	—	21	—	—
Bharmour	..	722	—	1,213	—	31	—	—
Pangi	..	431	—	157	—	6	—	—
Total	..	5,827	5,288	25,601	26,400	225	251	—
Hamirpur	..	53	—	8,251	—	18	—	—
Barsar	..	10	—	7,022	—	—	—	—
Nadaun	..	5	—	6,887	—	—	—	—
Bhoranj	..	44	—	5,432	—	—	—	—
Sujanpur	..	37	—	3,488	—	2	—	—
Total	..	149	206	31,080	28,115	20	38	—
Kangra	..	1,260	—	6,148	—	—	—	—
Baroh	..	40	—	1,549	—	—	—	—
Dehra	..	45	—	13,277	—	—	—	—
Khundia	..	53	—	2,659	—	—	—	—
Rakkar	..	14	—	2,097	—	—	—	—
Nurpur	..	753	—	10,611	—	—	—	—
Fatehpur	..	350	—	5,335	—	—	—	—
Indora	..	191	—	5,022	—	—	—	—
Palampur	..	574	—	4,564	—	—	—	—
Baijnath	..	412	—	1,270	—	—	—	—
Jaisinhighpur	..	51	—	4,203	—	—	—	—
Total	..	3,743	4,185	56,735	52,193	—	4	—
Nichar	..	584	—	205	—	173	—	—
Sangla	..	94	—	78	—	8	—	—
Kalpa	..	415	—	106	—	3	—	—
Moorang	..	349	—	104	—	9	—	—
Pooh	..	247	—	11	—	2	—	—
Hangrang	..	155	—	—	—	—	—	—
Total	..	1,708	2,000	504	475	195	219	—
Kullu	..	1,313	—	8,052	—	—	—	—
Banjar	..	1,426	—	3,334	—	—	—	—
Ani	..	760	—	2,480	—	—	—	—
Nirmand	..	764	—	2,448	—	—	—	—
Total	..	4,263	4,674	16,314	15,111	—	327	—

Kodo or varagu		Common and little millets		Total Food-grains		Sugarcane	
Current	Normal	Current	Normal	Current	Normal	Current	Normal
24	25	26	27	28	29	30	31
—	—	—	—	13,644	—	59	—
—	—	—	—	27,479	—	58	—
—	—	—	—	7,354	—	12	—
—	—	—	—	6,698	—	9	—
—	—	—	—	55,175	57,240	138	142
—	—	244	—	17,587	—	1	—
—	—	421	—	16,193	—	—	—
—	—	13	—	18,065	—	1	—
—	—	1,043	—	5,192	—	—	—
—	—	708	—	2,067	—	—	—
—	—	2,429	2,542	59,104	59,418	2	—
—	—	—	—	19,180	—	21	—
—	—	—	—	15,359	—	148	—
—	—	—	—	15,561	—	124	—
—	—	—	—	16,206	—	3	—
—	—	—	—	7,708	—	—	—
—	—	—	2	74,014	72,076	286	—
—	—	—	—	33,645	—	11	—
—	—	—	—	4,483	—	—	—
—	—	—	—	32,494	—	39	—
—	—	—	—	7,594	—	—	—
—	—	—	—	4,823	—	—	—
—	—	—	—	36,208	—	22	—
—	—	—	—	14,959	—	31	—
—	—	—	—	14,873	—	69	—
—	—	—	—	26,322	—	2	—
—	—	—	—	7,666	—	—	—
—	—	—	—	11,437	—	—	—
—	—	—	428	1,94,504	1,86,339	174	306
—	—	1,491	—	3,159	—	—	—
—	—	960	—	1,274	—	—	—
—	—	460	—	1,371	—	—	—
—	—	349	—	1,053	—	—	—
—	—	173	—	1,567	—	—	—
—	—	55	—	309	—	—	—
—	—	3,488	4,390	7,567	8,792	—	—
—	—	1,624	—	1,624	23,596	—	—
—	—	387	—	387	9,062	—	—
—	—	52	—	526	7,390	—	—
—	—	934	—	934	9,023	—	—
—	—	4,907	3,525	49,071	48,047	—	—





	16	17	18	19	20	21	22	23
Udaipur	178	—	33	30	—	—	—	—
Lahaul	122	—	—	—	—	—	—	—
Spiti	649	—	—	—	—	—	—	—
<b>Total</b>	<b>949</b>	<b>—</b>	<b>33</b>	<b>30</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Jogindernager	775	—	5,549	—	823	—	—	—
Bharol	103	—	1,265	—	231	—	—	—
S/Ghat	116	—	5,199	—	409	—	—	—
Baldwara	29	—	2,297	—	6	—	—	—
Sandhol	41	—	1,977	—	187	—	—	—
Sadar	442	—	11,116	—	428	—	—	—
Chachio	363	—	2,685	—	47	—	—	—
Balichowki	743	—	1,673	—	64	—	—	—
Thunag	2,994	—	1,492	—	44	—	—	—
Sundernagar	267	—	5,957	—	44	—	—	—
Karsog	441	—	5,550	—	689	—	—	—
<b>Total</b>	<b>6,314</b>	<b>5,024</b>	<b>44,760</b>	<b>42,271</b>	<b>2,972</b>	<b>4,805</b>	<b>—</b>	<b>—</b>
Rampur	1,150	—	1,676	—	459	—	—	—
Nankhari	202	—	634	—	79	—	—	—
Rohru	970	—	1,401	—	250	—	—	—
Chirgaon	1,413	—	395	—	—	—	—	—
Dodra-Kwar	25	—	5	—	42	—	—	—
Jubbal	159	—	748	—	442	—	—	—
Chopal	769	—	2,275	—	672	—	—	—
Kupvi	287	—	688	—	183	—	—	—
Theog	425	—	3,833	—	34	—	—	—
Shimla	461	—	4,438	—	5	—	—	—
Suni	237	—	3,241	—	—	—	—	—
Kumarsain	179	—	1,480	—	17	—	—	—
Kotkhai	113	113	842	—	45	—	—	—
<b>Total</b>	<b>6,390</b>	<b>7,635</b>	<b>21,656</b>	<b>22,106</b>	<b>2,498</b>	<b>3,554</b>	<b>—</b>	<b>—</b>
Nahan	131	—	2,734	—	4	—	—	—
Paonta	99	—	6,101	—	—	—	—	—
Renuka	601	—	3,827	—	375	—	—	—
Pachhad	805	—	3,395	—	14	—	—	—
Rajgarh	495	—	3,162	—	80	—	—	—
Shillai	505	—	2,977	—	228	—	—	—
Kamrou	160	—	2,364	—	73	—	—	—
Dadahu	144	—	1,171	—	7	—	—	—
<b>Total</b>	<b>2,940</b>	<b>3,324</b>	<b>25,731</b>	<b>25,798</b>	<b>781</b>	<b>914</b>	<b>—</b>	<b>—</b>
Ramshahr	73	—	2,017	—	—	—	—	—
Nalagarh	5	—	7,883	—	—	—	—	—
Kasuali	382	—	3,979	—	—	—	—	—
Solan	324	—	2,526	—	—	—	—	—
Kandaghat	337	—	1,906	—	—	—	—	—
Arki	459	—	6,452	—	—	—	—	—
<b>Total</b>	<b>1,580</b>	<b>1,684</b>	<b>24,763</b>	<b>24,446</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Una	2	—	8,608	—	—	—	—	—
Amb	17	—	1,60	—	—	—	—	—
Bangana	2	—	5,277	—	—	—	—	—
Harol	—	—	3,623	—	—	—	—	—
<b>Total</b>	<b>21</b>	<b>12</b>	<b>29,113</b>	<b>28,477</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>Total</b>	<b>34,241</b>	<b>35,261</b>	<b>2,99,514</b>	<b>2,89,301</b>	<b>6,691</b>	<b>9,319</b>	<b>—</b>	<b>—</b>

	24	25	26	27	28	29	30	31
	174	—	—	—	544	—	—	—
	39	—	—	—	795	—	—	—
	—	—	—	—	267	—	—	—
	213	—	—	199	1,606	1,573	—	—
	—	—	209	—	20,845	—	—	—
	—	—	28	—	8,832	—	—	—
	—	—	19	—	20,892	—	—	—
	—	—	—	—	8,170	—	—	—
	—	—	—	—	5,849	—	—	—
	—	—	10	—	32,119	—	2	—
	—	—	47	—	8,053	—	—	—
	—	—	112	—	4,612	—	—	—
	—	—	134	—	10,369	—	—	—
	—	—	389	—	16,097	—	12	—
	—	—	104	—	18,052	—	—	—
	—	—	513	—	—	—	—	—
	—	—	1,565	1,526	1,53,890	1,49,529	14	34
	—	—	1,702	—	11,923	—	—	—
	—	—	324	—	3,926	—	—	—
	—	—	765	—	8,271	—	—	—
	—	—	2,745	—	8,310	—	—	—
	—	—	686	—	1,140	—	—	—
	—	—	415	—	474	—	—	—
	—	—	912	—	8,935	—	—	—
	—	—	529	—	29,817	—	—	—
	—	—	132	—	8,161	—	—	—
	—	—	4	—	9,192	—	—	—
	—	—	1	—	6,909	—	—	—
	—	—	94	—	4,241	—	—	—
	—	—	194	—	2,393	—	—	—
	—	—	8,503	8,564	80,792	86,118	—	—
	—	—	3	—	7,075	—	33	—
	—	—	—	—	18,557	—	747	—
	—	—	263	—	10,284	—	—	—
	—	—	1	—	90,72	—	25	—
	—	—	55	—	7,334	—	—	—
	—	—	232	—	7,989	—	—	—
	—	—	64	—	5,495	—	—	—
	—	—	3	—	2,735	—	—	—
	—	—	621	761	68,541	70,136	805	1,053
	—	—	—	—	6,036	—	5	—
	—	—	—	—	23,044	—	255	—
	1	—	—	—	5,316	—	25	—
	—	—	—	—	9,711	—	1	—
	1	—	—	—	4,138	—	—	—
	3	—	—	—	13,989	—	1	—
	3	—	—	3	62,234	61,414	287	323
	—	—	—	—	19,184	—	285	—
	—	—	—	—	27,094	—	313	—
	—	—	—	—	11,469	—	134	—
	—	—	—	—	88,353	—	269	—
	—	—	—	—	66,582	67,370	1,001	1,083
<b>216</b>	<b>—</b>	<b>20,077</b>	<b>21,940</b>	<b>8,73,080</b>	<b>8,68,052</b>	<b>2,707</b>	<b>3,271</b>	<b>—</b>

AREA UNDER FOOJ-CROPS IN  
FRUITS  
FRESH

1	Apples		Grapes		Banana	
	Current	Normal	Current	Normal	Current	Normal
	2	3	4	5	6	7
Bilaspur	—	—	—	—	—	—
Ghumarwin	—	—	—	—	—	—
Jhunduta	—	—	—	—	—	—
Shri Naina-Devi	—	—	—	—	—	—
<b>Total</b>	—	—	—	—	—	126
Chamba	480	—	—	—	—	—
Churah	291	—	—	—	—	—
Bhattiyat	33	—	—	—	—	—
Bharmour	58	—	—	—	—	—
Pangi	—	—	—	—	—	—
<b>Total</b>	862	300	—	—	—	—
Hamirpur	—	—	—	—	—	—
Brsar	—	—	—	—	—	—
Nadaun	—	—	—	—	—	—
Bhoranj	—	—	—	—	—	—
Sujanpur	—	—	—	—	—	—
<b>Total</b>	—	—	—	—	—	—
Kangra	—	—	—	—	—	—
Baroh	—	—	—	—	—	—
Dehra	—	—	—	—	—	—
Khundia	—	—	—	—	—	—
Rakkar	—	—	—	—	—	—
Nurpur	—	—	—	—	—	—
Fatehpur	—	—	—	—	—	—
Indora	—	—	—	—	—	—
Palampur	—	—	—	—	—	—
Bajjnath	—	—	—	—	—	—
Jaisinghpur	—	—	—	—	—	—
<b>Total</b>	—	—	—	—	—	—
Nichar	235	—	—	—	—	—
Sangla	183	—	—	—	—	—
Kalpa	327	—	9	—	—	—
Moorang	202	—	8	—	—	—
Pooh	157	—	—	—	—	—
Hungrang	24	—	—	—	—	—
<b>Total</b>	1,128	621	17	2	—	—
Kullu	3,283	—	—	—	—	—
Banjar	496	—	—	—	—	—
Ani	585	—	—	—	—	—
Nirmand	298	—	—	—	—	—
<b>Total</b>	4,662	3,823	—	—	—	—

EACH DISTRICT IN 1985-86  
AND VEGETABLES  
FRUITS

Citrus fruits		Mangoes		Peaches and Pears		Other fresh fruits		Total fresh fruits	
C.	N.	C.	N.	C.	N.	C.	N.	C.	N.
8	9	10	11	12	13	14	15	16	17
—	—	—	—	—	—	106	—	106	—
—	—	—	—	—	—	55	—	55	—
—	—	—	—	—	—	8	—	8	—
—	—	—	—	—	—	58	—	28	—
—	—	—	—	—	—	227	9	227	135
—	—	—	—	—	—	—	—	483	—
—	—	—	—	—	—	1	—	292	—
—	—	—	—	—	—	2	—	35	—
—	—	—	—	—	—	—	—	58	—
—	—	—	—	—	—	3	—	—	—
—	—	—	1	—	—	6	595	868	896
—	—	1	—	—	—	—	—	1	—
—	—	3	—	—	—	—	—	—	—
—	—	13	—	—	—	—	—	13	—
—	—	1	—	—	—	—	—	1	—
—	—	18	12	—	—	—	2	18	14
60	—	608	—	—	—	—	—	663	—
—	—	80	—	—	—	—	—	80	—
—	—	14	—	—	—	—	—	14	—
—	—	10	—	—	—	—	—	10	—
47	—	1101	—	—	—	—	—	1148	—
3	—	16	—	—	—	—	—	19	—
11	—	1360	—	—	—	—	—	1371	—
—	—	129	—	—	—	—	—	129	—
—	—	31	—	—	—	—	—	31	—
—	—	183	—	—	—	—	—	183	—
121	38	3,532	926	—	287	—	1035	3653	2296
—	—	—	—	—	—	27	—	262	—
—	—	—	—	—	—	47	—	230	—
—	—	—	—	—	—	18	—	354	—
—	—	—	—	—	—	50	—	260	—
—	—	—	—	—	—	21	—	178	—
—	—	—	—	—	—	1	—	25	—
—	—	—	—	—	—	164	29	1309	652
—	—	—	—	1	—	385	—	3,669	—
2	—	—	—	—	—	59	—	557	—
—	—	—	—	—	—	4	—	589	—
—	—	—	—	—	—	36	—	334	—
2	—	—	—	1	2	484	292	5,149	4,117

1	2	3	4	5	6	7
Udaipur	6	—	—	—	—	—
Lahual	—	—	—	—	—	—
Spiti	—	—	—	—	—	—
Total	6	4	—	—	—	—
Jogindernager	—	—	—	—	—	—
Bharol	—	—	—	—	—	—
S/Ghat	—	—	—	—	—	—
Balswara	—	—	—	—	—	—
Sandhol	—	—	—	—	—	—
Sadar	—	—	—	—	—	—
Chachiot	307	—	—	—	—	—
Balichowki	—	—	—	—	—	—
Thunag	—	—	—	—	—	—
Sundernager	47	—	—	—	—	—
Karsog	216	—	—	—	—	—
Total	570	—	—	—	—	—
Rampur	1371	—	—	—	—	—
Nankhari	934	—	—	—	—	—
Rohru	2771	—	—	—	—	—
Chirgaon	844	—	—	—	—	—
Dodra-Kawar	29	—	—	—	—	—
Jubbals	2419	—	—	—	—	—
Chopal	611	—	—	—	—	—
Kupvi	10	—	—	—	—	—
Theog	1515	—	—	—	—	—
Shimla	438	—	—	—	—	—
Suni	217	—	—	—	—	—
Kumarsain	2438	—	—	—	—	—
Kotkhai	2889	—	—	—	—	—
Total	16,486	12,327	—	—	—	—
Nahan	—	—	—	—	—	—
Poanta	—	—	—	—	—	—
Renuka	132	—	—	—	—	—
Pachhad	20	—	—	—	—	—
Rajgarh	594	—	—	—	—	—
Shillai	18	—	—	—	—	—
Kamrou	9	—	—	—	—	3
Dadahu	—	—	—	—	—	—
Total	773	726	—	—	—	3
Ramshaher	—	—	—	—	—	—
Nalagarh	—	—	—	—	—	—
Kasuli	—	—	—	—	—	—
Solan	1	—	—	—	—	—
Kandaghat	6	—	—	—	—	—
Arki	—	—	—	—	—	—
Total	7	120	—	—	—	—
Una	—	—	—	—	—	—
Amb	—	—	—	—	—	—
Bangana	—	—	—	—	—	—
Haroli	—	—	—	—	—	—
Total	—	—	—	—	—	—
Total H.P. State	24,494	20,633	17	2	3	129

8	9	10	11	12	13	14	15	16	17
—	—	—	—	—	—	—	—	6	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	6	4
—	—	—	—	—	—	204	—	204	—
—	—	—	—	—	—	48	—	48	—
—	—	—	—	—	—	122	—	122	—
—	—	—	—	—	—	36	—	36	—
—	—	—	—	—	—	17	—	17	—
—	—	—	—	—	—	1,477	—	1,477	—
—	—	—	—	1	7	77	—	385	—
—	—	—	—	—	—	309	—	309	—
—	—	—	—	—	—	377	—	377	—
67	—	76	—	—	—	225	—	415	—
—	—	—	—	—	—	1,299	—	1,515	—
67	—	76	56	1	7	4,191	2,004	4,905	4,779
—	—	—	—	—	—	—	—	1,371	—
—	—	—	—	—	—	—	1	935	—
—	—	—	—	—	—	—	—	2,771	—
—	—	—	—	—	—	—	—	844	—
—	—	—	—	—	—	—	—	29	—
—	—	—	—	—	—	—	—	2,491	—
—	—	—	—	—	—	—	—	611	—
—	—	—	—	—	—	—	—	10	—
—	—	—	—	—	—	—	—	1,515	—
—	—	—	—	—	—	—	—	438	—
—	—	—	—	—	—	—	—	217	—
—	—	—	—	—	—	—	—	2,438	—
—	—	—	—	—	—	—	—	2,889	—
—	—	—	—	—	—	1	76	16,487	12,400
37	—	40	—	16	—	17	—	110	—
39	—	79	—	4	—	9	—	131	—
3	—	—	—	—	—	—	—	135	—
—	—	—	—	5	—	27	—	52	—
—	—	—	—	147	—	11	—	752	—
—	—	—	—	—	—	—	—	18	—
1	—	—	—	—	—	—	—	10	—
8	—	13	—	2	—	4	—	30	—
88	72	132	95	174	140	68	127	1,238	1,166
—	—	7	—	—	—	—	—	7	—
—	—	—	—	—	—	—	—	42	—
—	—	8	—	—	—	64	—	72	—
—	—	—	—	—	—	376	—	377	—
4	—	—	—	—	—	191	—	197	—
—	—	—	—	—	—	119	—	123	—
4	—	57	5	—	3	750	554	818	682
—	—	33	—	—	—	37	—	70	—
—	—	—	—	—	—	39	—	39	—
—	—	—	—	—	—	3	—	3	—
—	—	15	—	—	—	13	—	28	—
—	—	48	45	—	—	92	70	140	115
282	110	3863	1,140	176	439	5,983	4,793	34,818	27,246

**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	94	NA	565	—
Chamba	—	—	—	—
Hamirpur	19	NA	76	—
Kangra	8	42	1,399	3,076
Kinnaur	—	—	—	—
Kullu	—	—	147	333
Lahaul and Spiti	—	—	—	—
Mandi	—	—	—	—
Shimla	—	—	—	—
Sirmaur	180	117	1,806	1,548
Solan	52	82	1,282	510
Una	—	—	—	—
<b>H.P. State Total</b>	<b>353</b>	<b>241</b>	<b>5,275</b>	<b>5,467</b>

District	Tanks			Net area irrigated			
	With Ayacut 100 hectares or more	With Ayacut less than 100 (in hectares)	Total	No. of oil engines	Government canals	Private Tanks canals	Tanks
1	17	18	19	20	21	22	23
Bilaspur	—	16	16	41	138	—	15
Chamba	—	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—	41
Kangra	—	—	—	4	671	—	—
Kinnaur	—	—	—	—	—	—	—
Kullu	—	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—	—
Mandi	—	—	—	—	—	—	—
Shimla	—	—	—	—	—	—	—
Sirmaur	4	4	8	9	3,602	—	33
Solan	32	440	472	163	2,515	—	579
Una	—	—	—	37	—	—	—
<b>H.P. State Total</b>	<b>36</b>	<b>460</b>	<b>496</b>	<b>254</b>	<b>6,926</b>	<b>—</b>	<b>668</b>

## NO. III-A

*in each District of Himachal Pradesh (State) for the year 1985-86*

Government	Wells							No. of wells used for domestic purposes only	No. of wells not in use	Reservoirs
	Tubewells			No. of other wells used for irrigation purposes only						
	Private	Total	Govt.	Private		Total				
				Masonry	Non-Masonry					
6	7	8	9	10	11	12	13	14	15	16
10	160	170	53	26	95	5	179	132	123	59
47	92	139	—	—	—	22	22	1,604	—	—
5	179	184	—	—	47	900	947	—	—	—
—	—	—	—	—	—	—	—	27	15	6
—	—	—	—	—	—	—	—	—	—	—
71	13	84	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	45	51
29	114	143	—	—	—	—	303	160	308	—
59	159	218	17	—	162	124	733	885	9	52
75	587	662	—	—	719	14	—	—	—	—
<b>296</b>	<b>1,304</b>	<b>1,600</b>	<b>70</b>	<b>26</b>	<b>1,023</b>	<b>1,065</b>	<b>2,184</b>	<b>2,853</b>	<b>556</b>	<b>117</b>

Wells and Tubewell	Other sources Kuhls etc.	Total	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)	% of total irrigated area to total sown area	No. of wells having independent Ayacuts	No. of wells supplementary recognised sources of irrigation	Percentage of area irrigated by having independent ayacuts to the total area irrigated
528	2,079	2,760	8.7%	2,467	5,227	9.12%	—	—	—
—	3,590	3,590	8.4%	3,304	6,894	10.9%	—	—	—
12	1,728	1,781	4.6%	1,624	3,405	4.5%	—	—	—
184	31,656	32,511	26.3%	31,874	64,385	30%	—	—	—
—	4,537	4,537	58.4%	991	5,528	55.9%	—	—	—
—	2,210	2,210	6.2%	—	2,210	3.9%	—	—	—
—	3,105	3,105	100%	149	3,254	100%	—	—	—
176	13,900	14,076	15%	12,122	26,198	15.8%	—	—	—
—	4,481	4,481	5.9%	2,640	7,121	6.5%	—	—	—
1,817	8,203	13,655	31.1%	10,923	24,578	31.8%	—	—	—
965	5,780	9,839	23%	5,690	15,529	22.5%	—	—	—
—	3,593	3,593	8%	1,554	5,147	7.1%	—	—	—
<b>3,682</b>	<b>84,862</b>	<b>96,138</b>	<b>16.5%</b>	<b>73,338</b>	<b>1,69,476</b>	<b>17.4%</b>	<b>—</b>	<b>—</b>	<b>—</b>

TABLE

Area of Crops irrigated in each District of

District	Rice			Food
	Autumn (Aus.)	Winter (Aman)	Summer (Boro)	Total
	2	3	4	5
Bilaspur	—	—	1,173	1,173
Chamba	—	—	2,423	2,423
Hamirpur	—	—	1,247	1,247
Kangra	—	—	24,188	24,188
Kinnaur	—	—	2	2
Kullu	—	—	1,983	1,983
Lahaul and Spiti	—	—	—	—
Mandi	—	—	10,700	10,700
Shimla	—	—	2,171	2,171
Sirmaur	—	—	3,274	3,274
Solan	—	—	3,203	3,203
Una	—	—	142	142
State Total	—	—	50,506	50,506

NO. HDBB

Himachal Pradesh (State) for the year 1985-86

(In hectare)

Crops	Jowar or Cholam				Bajra or Cumbu	Barley	Maize
	Wheat	Rabi	Kharif	Total			
	6	7	8	9			
					10	11	12
	2,329	—	—	—	—	28	1,212
	3,077	—	—	—	—	332	567
	1,643	—	—	—	—	—	399
	23,164	—	—	—	5	663	5,922
	610	—	—	—	—	1,326	326
	36	—	—	—	—	—	32
	403	—	—	—	—	949	33
	11,461	—	5	5	—	189	1,936
	2,383	—	—	—	—	463	1,044
	9,573	—	—	—	19	693	6,993
	6,181	—	—	—	—	182	3,247
	3,371	—	—	—	—	4	545
	64,231	—	5	5	24	4,839	21,856
							2,222

Crops—contd.

Condiments and Spices

Green gram or Mung, Red gram or Tur (Arhar)	Blac gr m	Horse gram	Maar	Other pulses	Sugarcane	Potatoes	Other vege- table	Other fruits	Condiments and Spices			
									Mis. food- crops	Cardam om	Cinilics	Garlic
									19	20	21	22
1	28	7	8	49	21	16	103	21	—	—	1	66
2	—	—	1	—	2	62	—	—	—	—	1	—
—	—	—	2	2	22	3	—	—	46	—	—	1
—	—	126	46	—	33	677	—	—	2,072	—	65	15
—	—	—	—	—	—	188	—	—	1,716	—	—	—
—	—	—	—	—	—	8	—	—	139	—	—	—
—	—	—	1	343	—	1,079	7	6	—	—	—	—
1	109	6	42	—	2	56	—	—	649	2	17	2
—	84	4	3	—	—	206	410	—	—	—	60	47
—	228	58	112	407	441	355	524	—	—	—	86	728
22	119	12	7	—	120	100	—	—	1,458	—	3	217
5	—	—	5	—	84	218	—	—	400	—	5	—
40	568	213	227	801	725	2,968	1,044	27	6,480	2	238	1,076

District	Food					
	Ragi and Marua	Italian Millets	Kodo or Varga	Little Millets or Kutki etc.	Common Millets	Gram
	13	14	15	16	17	18
Bilaspur	—	—	—	—	—	35
Chamba	5	—	—	—	363	1
Hamirpur	—	—	—	—	—	—
Kangra	—	—	—	—	—	59
Kinnaur	3	—	—	—	1,317	—
Kullu	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	213	—	—
Mandi	21	—	—	—	6	7
Shimla	64	—	—	—	114	—
Sirmaur	178	—	—	—	90	146
Solan	—	—	—	—	—	145
Una	—	—	—	—	—	17
State Total	271	—	—	213	1,390	410

TABLE

Area of Crops irrigated in each District of

District	Condiments and Spices—concl.			Total food crop	Non-Food	
	Turmeric	Others	Total		San Hemp	Ground-nut
Bilaspur ..	1	12	80	5,111	—	1
Chamba ..	—	—	1	6,836	—	—
Hamirpur ..	2	7	10	3,374	—	—
Kangra ..	1	4	85	57,040	17	1
Kinnaur ..	—	3	3	5,501	—	—
Kullu ..	—	—	—	2,198	—	—
Lahaul-Spiti ..	—	—	—	3,034	—	—
Mandi ..	2	5	28	25,217	—	—
Sirmaur ..	7	15	129	7,076	—	—
Shimla ..	3	62	879	23,581	2	11
Solan ..	—	3	223	15,019	—	65
Una ..	—	8	13	4,804	—	12
<b>State Total ..</b>	<b>16</b>	<b>119</b>	<b>1,451</b>	<b>1,58,791</b>	<b>19</b>	<b>90</b>

District	Non-food				
	Opium	Cinchona	Cotton		Total
			Desi	American	
1	50	51	52	53	54
Bilaspur ..	—	—	—	2	2
Chamba ..	—	—	—	—	—
Hamirpur ..	—	—	—	7	7
Kangra ..	—	—	—	—	—
Kinnaur ..	—	—	—	—	—
Kullu ..	—	—	—	—	—
Lahaul-Spiti ..	—	—	—	—	—
Mandi ..	—	—	—	—	—
Sirmaur ..	—	—	—	—	—
Shimla ..	—	—	6	—	6
Solan ..	—	—	61	—	61
Una ..	—	—	4	—	4
<b>State Total ..</b>	<b>—</b>	<b>—</b>	<b>71</b>	<b>9</b>	<b>80</b>

NO. III-B—concl.

Himachal Pradesh (State) for the year 1985-86

(In hectares)

Crops											
Coco-nut	Sesamum	Rape	Mustard	Linseed	Taramira	Indigo	Rubber	To-bacco	Coffee	Tea	Indian Hemp
38	39	40	41	42	43	44	45	46	47	48	49
—	13	4	16	1	8	—	—	4	—	—	—
—	—	—	15	40	—	—	—	3	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	159	34	137	3,556	—	—	—	1	—	2,104	—
—	—	—	25	—	—	—	—	—	—	—	—
—	—	1	2	—	—	—	—	—	—	—	—
—	—	—	13	—	—	—	—	—	—	—	—
—	1	—	29	516	—	—	—	5	—	—	—
—	1	—	40	—	—	—	—	4	—	—	—
—	50	45	106	3	39	—	—	11	—	—	—
—	23	1	16	—	32	—	—	15	—	—	—
—	9	8	42	1	—	—	—	7	—	—	—
<b>—</b>	<b>256</b>	<b>93</b>	<b>441</b>	<b>4,117</b>	<b>79</b>	<b>—</b>	<b>—</b>	<b>50</b>	<b>—</b>	<b>2,104</b>	<b>—</b>

Crops—concl.

Other	Fodder Crops	Miscellaneous non-food crops	Total non-food crops	Total area under irrigated crops
55	56	57	58	59
—	67	—	116	5,227
—	—	—	58	6,894
—	31	—	31	3,405
—	1,329	—	7,345	64,385
—	—	2	27	5,528
—	9	—	12	2,210
207	—	—	220	3,254
—	427	3	981	26,198
—	—	—	45	7,121
—	724	—	997	24,578
—	199	98	510	15,529
—	253	7	343	5,147
<b>207</b>	<b>3,039</b>	<b>110</b>	<b>10,685</b>	<b>1,69,476</b>

## AREA UNDER FOOD CROPS IN EACH

	Cereals (continued)		Other		Cereals	
	Kharif		Rabi		Total	
	C.	N.	C.	N.	C.	N.
1	2	3	4	5	6	7
Bilaspur ..	—	—	—	—	—	—
Ghumarwin ..	—	—	—	—	—	—
Jhanduta ..	—	—	—	—	—	—
Shri Nainadevi ..	—	—	—	—	—	—
Total :	—	—	—	—	—	—
Chamba ..	—	—	—	—	—	—
Churah ..	—	—	—	—	—	—
Bhattiyat ..	—	—	—	—	—	—
Bharmaur ..	—	—	—	—	—	—
Pangi ..	—	—	—	—	—	—
Total :	—	—	—	—	—	—
Hamirpur ..	—	—	—	—	—	—
Barsar ..	—	—	—	—	—	—
Nadaun ..	—	—	—	—	—	—
Bhoranj ..	—	—	—	—	—	—
Sujanpur ..	—	—	—	—	—	—
Total :	—	—	—	—	—	—
Kangra ..	4	—	—	—	—	—
Baroh ..	—	—	—	—	—	—
Dehra ..	—	—	—	—	—	—
Khundian ..	—	—	—	—	—	—
Rakkar ..	—	—	—	—	—	—
Nurpur ..	2	—	—	—	—	—
Fatehpur ..	—	—	—	—	—	—
Indora ..	—	—	—	—	—	—
Palampur ..	2	—	—	—	—	—
Bajjnath ..	392	—	—	—	—	—
Jaisinghpur ..	2	—	—	—	—	—
Total :	402	—	—	—	—	—
Nichar ..	—	—	—	—	—	—
Sangla ..	—	—	—	—	—	—
Kalpa ..	—	—	—	—	—	—
Moorang ..	—	—	—	—	—	—
Pooh ..	—	—	—	—	—	—
Hangrang ..	—	—	—	—	—	—
Total :	—	—	—	—	—	—
Kullu ..	—	—	—	—	—	—
Banjar ..	—	—	—	—	—	—
Anni ..	—	—	—	—	—	—
Nirmand ..	—	—	—	—	—	—
Total :	—	—	—	—	—	—
Udaipur ..	—	—	—	—	—	—
Lahual ..	—	—	—	—	—	—
Spti ..	—	—	—	—	—	—
Total :	—	—	—	—	—	—

## DISTRICT OF (STATE) IN 1985-86

Total cereals		Pulses					
		Gram		Green grammer Mung		Red grammer (Askar)	
C.	N.	C.	N.	C.	N.	C.	N.
8	9	10	11	12	13	14	15
12,704	—	120	—	—	—	23	—
26,633	—	145	—	1	—	9	—
7,107	—	88	—	—	—	10	—
6,016	—	473	—	2	—	5	—
52,460	53,625	826	1,227	3	2	47	2
16,252	—	—	—	56	—	—	—
15,565	—	—	—	2	—	—	—
17,486	—	2	—	40	—	—	—
4,542	—	—	—	3	—	—	—
2,060	—	—	—	—	—	—	—
55,905	55,804	2	3	101	4	—	1
18,600	—	8	—	—	—	—	—
15,012	—	26	—	10	—	—	—
14,984	—	127	—	—	—	—	—
15,799	—	19	—	—	—	—	—
7,445	—	1	—	—	—	—	—
71,840	68,692	181	707	10	2	—	2
33,345	—	25	—	—	—	—	—
4,360	—	—	—	—	—	—	—
31,071	—	35	—	—	—	—	—
7,494	—	21	—	—	—	—	—
4,687	—	2	—	—	—	—	—
34,234	—	299	—	—	—	—	—
14,034	—	136	—	—	—	—	—
13,982	—	346	—	—	—	—	—
25,990	—	—	—	—	—	—	—
7,394	—	—	—	—	—	—	—
11,305	—	—	—	—	—	—	—
1,87,896	1,79,167	864	397	—	7	—	—
3,083	—	—	—	—	—	—	—
1,220	—	—	—	—	—	—	—
1,276	—	—	—	34	—	—	—
930	—	—	—	—	—	—	—
478	—	—	—	—	—	—	—
280	—	—	—	—	—	—	—
7,167	8,374	—	—	34	—	—	—
21,694	—	2	—	2	—	—	—
8,660	—	2	—	—	—	—	—
7,203	—	5	—	—	—	—	—
8,343	—	16	—	6	—	—	—
45,900	45,017	25	13	8	11	—	—
541	—	—	—	—	—	—	—
290	—	—	—	—	—	—	—
767	—	—	—	—	—	—	—
1,598	1,373	—	—	—	—	—	—



	Black gram or urd (Mash)		Horst gram		Masur	
	C.	N.	C.	N.	C.	N.
1	16	17	18	19	20	21
Bilaspur	293	—	313	—	11	—
Chumarwin	468	—	199	—	20	—
Jhanduta	135	—	10	—	4	—
Shri Nainadevi	85	—	21	—	2	—
Total :—	981	1,487	543	565	37	35
Chamba	1,144	—	—	—	82	—
Churah	591	—	—	—	30	—
Bhattiyat	435	—	—	—	11	—
Bharmour	490	—	—	—	6	—
Pangi	4	—	—	—	1	—
Total :—	2,664	2,906	—	443	130	126
Hamirpur	176	—	377	—	17	—
Barsar	136	—	168	—	7	—
Nadaun	383	—	54	—	13	—
Bhoranj	229	—	140	—	19	—
Sujanpur	143	—	109	—	10	—
Total :—	1,067	1,548	848	1,046	66	64
Kangra	134	—	85	—	24	—
Baroh	37	—	78	—	—	—
Dehra	1,031	—	316	—	38	—
Khundia	53	—	—	—	—	—
Rakkar	91	—	26	—	—	—
Nurpur	1,052	—	417	—	188	—
Fatehpur	631	—	84	—	74	—
Indora	289	—	139	—	94	—
Palampur	130	—	158	—	3	—
Bajjnath	20	—	12	—	—	—
Jaisinghpur	78	—	48	—	6	—
Total :—	3,546	4,053	1,363	1,143	427	280
Nichar	9	—	1	—	—	—
Sangla	1	—	—	—	—	—
Kalpa	25	—	—	—	—	—
Moorang	2	—	—	—	—	—
Pooh	—	—	—	—	—	—
Hangrang	—	—	—	—	—	—
Total :—	37	13	1	—	—	—
Kullu	1,210	—	6	—	—	—
Banjar	258	—	—	—	—	—
Anni	90	—	52	—	—	—
Nirmand	477	—	79	—	—	—
Total :—	2,035	2,102	137	126	—	53
Udaipur	—	—	—	—	—	—
Lahual	—	—	—	—	1	—
Spiti	—	—	—	—	—	—
Total :—	—	—	—	—	1	—

Other pulses							
Kharif		Rabi		Total		Total pulses	
C.	N.	N.	N.	C.	N.	C.	N.
22	23	24	25	26	27	28	29
28	—	152	—	180	—	940	—
1	—	3	—	4	—	846	—
—	—	—	—	—	—	247	—
94	—	—	—	94	—	682	—
123	127	155	170	278	297	2,715	3,615
54	—	—	—	54	—	1,335	—
5	—	—	—	5	—	628	—
91	—	—	—	91	—	579	—
151	—	—	—	151	—	650	—
1	—	—	—	1	—	7	—
302	131	—	—	302	131	3,199	3,614
2	—	—	—	2	—	580	—
—	—	—	—	—	—	347	—
—	—	—	—	—	—	577	—
—	—	—	—	—	—	407	—
—	—	—	—	—	—	263	—
2	15	—	—	2	15	2,174	3,384
29	—	3	—	32	—	300	—
8	—	—	—	8	—	123	—
3	—	—	—	3	—	1,423	—
26	—	—	—	26	—	100	—
17	—	—	—	17	—	136	—
17	—	1	—	18	—	1,974	—
—	—	—	—	—	—	925	—
8	—	15	—	23	—	891	—
35	—	6	—	41	—	332	—
240	—	—	—	240	—	272	—
—	—	—	—	—	—	132	—
383	1,147	25	145	408	1,292	6,608	7,172
66	—	—	—	66	—	76	—
32	—	21	—	53	—	54	—
—	—	36	—	36	—	95	—
105	—	16	—	121	—	123	—
10	—	13	—	23	—	23	—
2	—	27	—	29	—	29	—
215	—	113	—	328	—	400	—
532	—	150	—	682	—	1,902	—
127	—	15	—	142	—	402	—
40	—	40	—	40	—	187	—
74	—	28	—	102	—	680	—
733	560	233	165	966	725	3,171	3,030
3	—	—	—	3	—	3	—
4	—	—	—	4	—	5	—
—	—	—	—	—	—	—	—
7	1	—	199	7	200	8	200

1	2	3	4	5	6	7
J/Nager	—	—	—	—	—	—
Bharol	—	—	—	—	—	—
Sarkaghat	—	—	—	—	—	—
Baldwara	—	—	—	—	—	—
Sandhol	—	—	—	—	—	—
Sadar	—	—	—	—	—	—
Chachiot	—	—	—	—	—	—
Balichowki	—	—	—	—	—	—
Thunag	—	—	—	—	—	—
Sundernager	—	—	—	—	—	—
Karsog	—	—	—	—	—	—
<b>Total</b>	—	—	—	—	—	—
Rampur	—	—	—	—	—	—
Nankhari	—	—	—	—	—	—
Rohru	—	—	—	—	—	—
Chirgaon	—	—	—	—	—	—
Dodrakawar	—	—	—	—	—	—
Jubbal	—	—	—	—	—	—
Chopal	—	—	—	—	—	—
Kupvi	—	—	—	—	—	—
Theog	—	—	—	—	—	—
Shimla	—	—	—	—	—	—
Suni	—	—	—	—	—	—
Kumarsain	—	—	—	—	—	—
Kotkhai	—	—	—	—	—	—
<b>Total</b>	—	—	—	—	—	—
Nahan	—	—	7	—	7	—
Paonta	—	—	82	—	82	—
Renuka	—	—	—	—	—	—
Pachhad	—	—	—	—	—	—
Rajgarh	—	—	—	—	—	—
Shillie	—	—	—	—	—	—
Kamraw	—	—	—	—	—	—
Dadahu	—	—	—	—	—	—
<b>Total:</b>	—	—	89	—	89	—
Ramshehar	—	—	—	—	—	—
Nalagarh	—	—	—	—	—	—
Kasauli	—	—	—	—	—	—
Solan	—	—	—	—	—	—
Kandaghat	—	—	—	—	—	—
Arki	—	—	—	—	—	—
<b>Total :—</b>	—	—	—	—	—	—
Una	—	—	—	—	—	—
Amb	—	—	—	—	—	—
Bangana	—	—	—	—	—	—
Haroli	—	—	—	—	—	—
<b>Total :—</b>	—	—	—	—	—	—
<b>H. P. State Total</b>	402	—	89	—	491	—

8	9	10	11	12	13	14	15
20,312	—	1	—	—	—	—	—
8,774	—	—	—	—	—	—	—
20,802	—	1	—	—	—	—	—
8,067	—	14	—	—	—	—	—
5,789	—	—	—	—	—	—	—
30,771	33,344	14	—	—	—	—	—
7,840	—	1	—	—	—	—	—
4,481	—	—	—	—	—	—	—
10,209	—	—	—	—	—	—	—
15,348	—	26	—	—	—	—	—
15,883	—	113	—	—	—	—	—
<b>1,48,276</b>	<b>1,43,309</b>	<b>170</b>	<b>196</b>	<b>8</b>	<b>5</b>	<b>—</b>	<b>6</b>
10,789	—	—	—	1	—	—	—
3,454	—	—	—	—	—	—	—
7,611	—	—	—	—	—	—	—
8,114	—	—	—	—	—	—	—
1,140	—	—	—	—	—	—	—
4,135	—	—	—	—	—	—	—
8,502	—	—	—	—	—	—	—
2,874	—	—	—	—	—	—	—
7,780	—	—	—	—	—	—	—
8,988	—	—	—	—	—	—	—
6,493	—	19	—	1	—	—	—
3,869	—	4	—	—	—	—	—
2,296	—	—	—	—	—	—	—
<b>76,045</b>	<b>81,347</b>	<b>23</b>	<b>24</b>	<b>2</b>	<b>—</b>	<b>—</b>	<b>—</b>
6,463	—	273	—	2	—	1	—
17,510	—	259	—	—	—	8	—
9,997	—	1	—	—	—	—	—
8,192	—	22	—	—	—	—	—
6,601	—	—	—	—	—	—	—
7,783	—	1	—	—	—	—	—
5,322	—	—	—	—	—	—	—
2,568	—	—	—	—	—	—	—
<b>64,436</b>	<b>65,858</b>	<b>560</b>	<b>757</b>	<b>2</b>	<b>5</b>	<b>9</b>	<b>10</b>
5,823	—	42	—	—	—	—	—
18,511	—	2,933	—	—	—	261	—
8,909	—	326	—	—	—	—	—
4,456	—	7	—	—	—	—	—
3,642	—	—	—	—	—	—	—
12,750	—	16	—	—	—	—	—
<b>54,091</b>	<b>53,686</b>	<b>3,324</b>	<b>2,729</b>	<b>—</b>	<b>2</b>	<b>261</b>	<b>265</b>
18,268	—	356	—	21	—	3	—
26,284	—	206	—	21	—	—	—
11,035	—	170	—	1	—	2	—
8,132	—	221	—	3	—	—	—
<b>63,719</b>	<b>63,805</b>	<b>953</b>	<b>1,604</b>	<b>46</b>	<b>53</b>	<b>5</b>	<b>33</b>
<b>8,29,333</b>	<b>8,20,057</b>	<b>6,928</b>	<b>7,657</b>	<b>214</b>	<b>93</b>	<b>322</b>	<b>320</b>

	16	17	18	19	20	21
J/Nager	113	—	117	—	24	—
Bharol	20	—	28	—	10	—
Sarkaghat	25	—	61	—	3	—
Baldwara	71	—	15	—	3	—
Sandhol	28	—	30	—	1	—
Sadar	832	—	176	—	169	—
Chac iot	126	—	24	—	26	—
Balichow i	93	—	3	—	1	—
Thunag	31	—	13	—	22	—
Sundernager	422	—	195	—	68	—
Kersog	1,048	—	346	—	192	—
<b>Total :—</b>	<b>2,809</b>	<b>2,804</b>	<b>1,008</b>	<b>1,108</b>	<b>519</b>	<b>657</b>
Rampur	435	—	144	—	9	—
Nankhari	249	—	196	—	5	—
Rohru	421	—	197	—	35	—
Chirgaon	76	—	67	—	18	—
Dodrakawar	—	—	—	—	—	—
Jubbal	289	—	30	—	9	—
Chopal	363	—	14	—	55	—
Kupvi	32	—	10	—	1	—
Theog	376	—	3	—	1	—
Shimla	90	—	113	—	—	—
Suni	138	—	210	—	12	—
Kumarsain	227	—	134	—	4	—
Kotkhai	84	—	8	—	1	—
<b>Total :—</b>	<b>2,798</b>	<b>2,681</b>	<b>1,126</b>	<b>1,179</b>	<b>150</b>	<b>171</b>
Nahan	174	—	117	—	42	—
Foanta	227	—	135	—	296	—
Renuka	179	—	79	—	10	—
Pachhad	424	—	106	—	65	—
Rajgarh	208	—	40	—	—	—
Shillie	76	—	70	—	57	—
Kamraw	75	—	66	—	18	—
Dadahu	110	—	55	—	2	—
<b>Total :—</b>	<b>1,473</b>	<b>1,751</b>	<b>668</b>	<b>671</b>	<b>490</b>	<b>486</b>
Ramshehar	51	—	114	—	3	—
Nalagarh	917	—	127	—	17	—
Kasuali	310	—	115	—	15	—
Solan	218	—	46	—	—	—
Kandaghat	151	—	102	—	—	—
Arki	576	—	548	—	85	—
<b>Total :—</b>	<b>2,223</b>	<b>2,378</b>	<b>1,052</b>	<b>1,056</b>	<b>120</b>	<b>189</b>
Una	408	—	15	—	36	—
Amb	452	—	97	—	29	—
Bangana	214	—	32	—	9	—
Haroli	247	—	180	—	21	—
<b>Total :—</b>	<b>1,321</b>	<b>1,375</b>	<b>324</b>	<b>337</b>	<b>95</b>	<b>88</b>
<b>H.P. State Total</b>	<b>20,954</b>	<b>23,098</b>	<b>7,070</b>	<b>7,675</b>	<b>2,035</b>	<b>2,151</b>

	22	23	24	25	26	27	28	29
278	—	—	—	—	278	—	533	—
—	—	—	—	—	—	—	58	—
—	—	—	—	—	—	—	90	—
1	—	—	—	—	1	—	103	—
154	—	3	—	—	157	—	60	—
36	—	—	—	—	36	—	1,348	—
34	—	—	—	—	34	—	213	—
94	—	—	—	—	94	—	131	—
27	—	11	—	—	38	—	160	—
459	—	3	—	—	462	—	749	—
<b>1,083</b>	<b>1,198</b>	<b>17</b>	<b>246</b>	<b>1,100</b>	<b>1,444</b>	<b>5,614</b>	<b>6,220</b>	
527	—	—	—	—	527	—	1,134	—
22	—	—	—	—	22	—	472	—
—	—	7	—	—	7	—	660	—
16	—	19	—	—	35	—	196	—
—	—	—	—	—	—	—	—	—
11	—	—	—	—	11	—	339	—
1	—	—	—	—	1	—	433	—
—	—	—	—	—	—	—	43	—
—	—	—	—	—	1	—	381	—
1	—	—	—	—	1	—	204	—
36	—	—	—	—	36	—	416	—
3	—	—	—	—	3	—	372	—
4	—	—	—	—	4	—	97	—
<b>622</b>	<b>662</b>	<b>26</b>	<b>51</b>	<b>648</b>	<b>713</b>	<b>4,747</b>	<b>4,771</b>	
—	—	3	—	—	3	—	612	—
23	—	99	—	—	122	—	1,047	—
11	—	7	—	—	18	—	287	—
7	—	256	—	—	263	—	880	—
94	—	391	—	—	485	—	733	—
2	—	—	—	—	2	—	206	—
10	—	—	—	—	10	—	173	—
—	—	—	—	—	—	—	167	—
<b>147</b>	<b>174</b>	<b>756</b>	<b>424</b>	<b>903</b>	<b>598</b>	<b>4,105</b>	<b>4,278</b>	
2	—	1	—	—	3	—	213	—
247	—	31	—	—	278	—	4,533	—
3	—	33	—	—	36	—	802	—
24	—	565	—	—	589	—	860	—
59	—	184	—	—	243	—	496	—
9	—	5	—	—	14	—	1,239	—
<b>344</b>	<b>454</b>	<b>819</b>	<b>655</b>	<b>1,163</b>	<b>1,109</b>	<b>8,143</b>	<b>7,728</b>	
55	—	22	—	—	77	—	916	—
—	—	—	—	—	5	—	810	—
6	—	—	—	—	6	—	434	—
25	—	6	—	—	31	—	703	—
91	73	28	2	—	119	75	2,863	3,565
<b>4,052</b>	<b>4,826</b>	<b>2,172</b>	<b>21,75</b>	<b>6,224</b>	<b>7,001</b>	<b>43,747</b>	<b>47,995</b>	

## AREA UNDER FOOD CROPS IN EACH DISTRICT OF

## FRUITS AND VEGETABLES (CONCLD)

Fruits (continued)	Dry fruits (continued)		Total fruits fresh and dry			
	Other dry fruits		Total dry fruits		Total fruits fresh and dry	
	C.	N.	C.	N.	C.	N.
1	2	3	4	5	6	7
Bilaspur	—	—	—	—	106	—
Ghumarwin	—	—	—	—	55	—
Jhanduta	—	—	—	—	8	—
Shri Nainadevi	—	—	—	—	58	—
Total :	—	—	—	—	227	135
Chamba	—	—	—	—	483	—
Churah	—	—	—	—	292	—
Bhattiyat	—	—	—	—	35	—
Bharmour	—	—	—	—	58	—
Pangi	—	—	—	—	—	—
Total :	—	—	—	—	868	896
Hamirpur	—	—	—	—	1	—
Barsar	—	—	—	—	3	—
Nadaun	—	—	—	—	13	—
Bhoranj	—	—	—	—	1	—
Sujanpur	—	—	—	—	—	—
Total :	—	1	—	1	18	15
Kangra	—	—	—	—	668	—
Baroh	—	—	—	—	80	—
Dehra	—	—	—	—	14	—
Khundia	—	—	—	—	10	—
Rakkar	—	—	—	—	1,148	—
Nurpur	—	—	—	—	19	—
Fatehpur	—	—	—	—	1,371	—
Indora	—	—	—	—	129	—
Palampur	—	—	—	—	31	—
Bajjnath	—	—	—	—	183	—
Jaisinghpur	—	—	—	—	—	—
Total :	—	—	—	—	3,653	2,286
Nichar	5	—	5	—	267	—
Sangla	15	—	15	—	245	—
Kalpa	109	—	109	—	463	—
Moorong	106	—	106	—	366	—
Pooh	116	—	116	—	294	—
Hangrang	2	—	2	—	27	—
Total :	353	312	353	312	1,662	964
Kullu	—	—	—	—	3,669	—
Banjar	—	—	—	—	557	—
Anni	—	—	—	—	589	—
Nirmanad	—	—	—	—	334	—
Total :	—	—	—	—	5,149	4117

## HIMACHAL PRADESH IN 1985-86

Potatoes	Vegetables					
	Sweet potatoes		Onions			
	C	N	C	N	C	N
8	9	10	11	12	13	
—	—	—	—	27	—	—
—	—	—	—	41	—	—
—	—	—	—	9	—	—
—	—	—	—	9	—	—
—	—	—	—	86	—	81
—	19	—	—	—	—	—
—	—	—	—	9	—	—
—	—	—	—	2	—	—
—	—	—	—	12	—	—
—	—	—	—	—	—	—
—	—	—	—	—	—	—
—	—	—	—	23	—	39
—	442	—	—	—	—	—
—	—	—	—	10	—	—
—	—	—	—	10	—	—
—	—	—	—	12	—	—
—	—	—	—	2	—	—
—	—	—	—	1	—	—
—	—	—	—	35	—	57
5	8	—	—	—	—	—
441	—	—	—	115	—	—
21	—	—	—	28	—	—
—	—	—	—	6	—	—
—	—	—	—	43	—	—
—	—	—	—	21	—	—
—	—	—	—	26	—	—
11	—	—	—	28	—	—
227	—	—	—	11	—	—
113	—	—	—	6	—	—
4	—	—	—	—	—	—
817	901	—	—	284	—	280
248	—	—	—	—	—	—
26	—	—	—	—	—	—
16	—	—	—	—	—	—
12	—	—	—	—	—	—
456	468	—	—	—	—	—
362	—	—	—	9	—	—
191	—	—	—	3	—	—
294	—	—	—	—	—	—
120	—	—	—	—	—	—
967	991	—	—	12	—	13

## AREA UNDER FOOD CROPS IN EACH

## FRUITS AND VEGETABLES

## Other Vegetables

	Winter		Summer		Total other vegetables	
	C.	N.	C.	N.	C.	N.
	14	15	16	17	18	19
Bilaspur ..	4	—	35	—	39	—
Ghumarwin ..	2	—	54	—	56	—
Jhanduta ..	—	—	22	—	22	—
Shri Nainadevi ..	5	—	21	—	26	—
<b>Total ..</b>	<b>11</b>	<b>56</b>	<b>132</b>	<b>79</b>	<b>143</b>	<b>135</b>
Chamba ..	19	—	11	—	30	—
Churah ..	11	—	3	—	14	—
Bhattiyat ..	3	—	5	—	8	—
Bharmour ..	—	—	—	—	—	—
Pangi ..	—	—	—	—	—	—
<b>Total ..</b>	<b>33</b>	<b>27</b>	<b>19</b>	<b>192</b>	<b>52</b>	<b>219</b>
Hamirpur ..	3	—	21	—	24	—
Barsar ..	—	—	37	—	37	—
Nadaun ..	6	—	39	—	45	—
Bhoranj ..	—	—	12	—	12	—
Sujanpur ..	—	—	5	—	5	—
<b>Total ..</b>	<b>9</b>	<b>38</b>	<b>114</b>	<b>84</b>	<b>123</b>	<b>122</b>
Kangra ..	102	—	160	—	62	—
Baroh ..	11	—	—	—	211	—
Dehra ..	19	—	1	—	20	—
Khundia ..	—	—	—	—	—	—
Rakkar ..	—	—	6	—	6	—
Nurpur ..	60	—	15	—	75	—
Fatehpur ..	33	—	—	—	33	—
Indora ..	—	—	55	—	5	—
Palampur ..	42	—	6	—	48	—
Bajjnath ..	20	—	14	—	34	—
Jaisinghpur ..	2	—	—	—	2	—
<b>Total ..</b>	<b>289</b>	<b>126</b>	<b>257</b>	<b>270</b>	<b>546</b>	<b>396</b>
Nichar ..	—	—	11	—	11	—
Sangla ..	—	—	5	—	5	—
Kalpa ..	—	—	109	—	109	—
Moorang ..	—	—	6	—	6	—
Pooh ..	2	—	15	—	17	—
Hangrang ..	1	—	4	—	5	—
<b>Total ..</b>	<b>3</b>	<b>26</b>	<b>150</b>	<b>21</b>	<b>153</b>	<b>47</b>
Kullu ..	216	—	102	—	320	—
Banjar ..	163	—	18	—	181	—
Anni ..	197	—	—	—	197	—
Nirmand ..	31	—	2	—	33	—
<b>Total ..</b>	<b>609</b>	<b>318</b>	<b>122</b>	<b>292</b>	<b>731</b>	<b>610</b>

## DISTRICT OF HIMACHAL PRADESH IN 1985-16

## LES (CONCLD)

Total Vegetales		Total fruits and vegetables		Other misc. food crops.	
C.	N.	C.	N.	C.	N.
2	0	22	23	24	25
82	—	188	—	—	—
105	—	160	—	—	—
34	—	42	—	—	—
36	—	94	—	—	—
<b>257</b>	<b>235</b>	<b>484</b>	<b>370</b>	—	—
147	—	630	—	—	—
129	—	421	—	—	—
57	—	92	—	—	—
54	—	112	—	—	—
86	—	86	—	—	—
<b>473</b>	<b>700</b>	<b>1,341</b>	<b>1,596</b>	—	—
34	—	35	—	—	—
47	—	47	—	—	—
57	—	60	—	—	—
19	—	32	—	—	—
6	—	7	—	—	—
<b>163</b>	<b>187</b>	<b>181</b>	<b>202</b>	—	—
818	—	1,486	—	—	—
11	—	11	—	—	—
69	—	149	—	—	—
6	—	20	—	—	—
6	—	16	—	—	—
118	—	1,266	—	—	—
54	—	73	—	—	—
92	—	1,463	—	—	—
303	—	432	—	—	—
158	—	189	—	—	—
12	—	195	—	—	—
<b>1,647</b>	<b>1,577</b>	<b>5,300</b>	<b>3,863</b>	—	—
259	—	526	—	—	—
61	—	306	—	—	—
165	—	628	—	—	—
42	—	408	—	—	—
29	—	323	—	—	—
53	—	80	—	—	—
<b>609</b>	<b>515</b>	<b>2,271</b>	<b>1,479</b>	—	<b>19</b>
691	—	4,360	—	—	—
372	—	929	—	—	—
494	—	1,083	—	—	—
153	—	487	—	—	—
<b>1,710</b>	<b>1,614</b>	<b>6,859</b>	<b>5,731</b>	—	<b>10</b>

	1	2	3	4	5	6	7
Udaipur	—	—	—	—	—	6	—
Lahual	—	—	—	—	—	—	—
Spiti	—	—	—	—	—	—	—
Total:	—	—	1	—	1	6	5
J/Nager	—	—	—	—	—	204	—
Bharol	—	—	—	—	—	48	—
Sarkaghat	—	—	—	—	—	122	—
Baldwara	—	—	—	—	—	36	—
Sandhol	—	—	—	—	—	17	—
Sadar	—	—	—	—	—	1,477	—
Chachiot	—	—	—	—	—	385	—
Balichowki	—	—	—	—	—	309	—
Thunag	—	—	—	—	—	377	—
Sundernagar	—	—	—	—	—	415	—
Karsog	—	—	—	—	—	1,515	—
Total :	—	—	—	—	—	4,905	4,779
Rampur	—	—	—	—	—	1,371	—
Nankhari	—	—	—	—	—	935	—
Rahroo	—	—	—	—	—	2,771	—
Chirgaon	—	—	—	—	—	844	—
Dodrakwar	—	—	—	—	—	29	—
Jubbal	—	—	—	—	—	2,419	—
Chopal	—	—	—	—	—	611	—
Kupvi	—	—	—	—	—	10	—
Theog	—	—	—	—	—	1,515	—
Shimla	2	—	—	2	—	438	—
Suni	—	—	—	—	—	217	—
Kumarsain	—	—	—	—	—	2,440	—
Kotkhai	—	—	—	—	—	2,889	—
Total :	2	—	—	2	—	16,489	2,400
Nahan	—	—	—	—	—	110	—
Paonta	—	—	—	—	—	131	—
Renuka	—	—	—	—	—	135	—
Pachhad	3	—	—	3	3	55	—
Rajgarh	14	—	—	14	2	766	—
Shillai	8	—	—	8	—	26	—
Kamrau	—	—	—	—	—	10	—
Dadahu	—	—	—	—	—	30	—
Total:	25	6	—	25	6	1,263	1,172
Ramshaher	—	—	—	—	—	7	—
Nalagar	—	—	—	—	—	42	—
Kasauli	—	—	—	—	—	72	—
Solan	—	—	—	—	—	377	—
Kandaghat	—	—	—	—	—	1,97	—
Arki	—	—	—	—	—	1,23	—
Total :	—	—	—	—	—	818	682
Una	—	—	—	—	—	70	—
Amb	—	—	—	—	—	39	—
Bangana	—	—	—	—	—	3	—
Haroli	—	—	—	—	—	28	—
Total :	—	—	—	—	—	140	115
H. P. State	—	—	—	—	—	—	—
Total	380	320	380	320	320	35,198	27,566

	8	9	10	11	12	13
..	202	—	—	—	—	—
..	44	—	—	—	—	—
..	33	—	—	—	—	—
..	1,079	1,274	—	—	—	—
..	472	—	—	—	30	—
..	15	—	—	—	20	—
..	9	—	—	—	5	—
..	2	—	—	—	2	—
..	—	—	—	—	—	—
..	58	—	—	—	8	—
..	353	—	—	—	6	—
..	150	—	—	—	—	—
..	694	—	—	—	—	—
..	199	—	—	—	20	—
..	236	—	—	—	6	—
..	2,188	2,064	—	—	97	100
..	458	—	—	—	2	—
..	331	—	—	—	—	—
..	1,250	—	—	—	—	—
..	326	—	—	—	—	—
..	—	—	—	—	—	—
..	458	—	—	—	—	—
..	524	—	—	—	2	—
..	145	—	—	—	—	—
..	2,144	—	—	—	6	—
..	398	—	—	—	—	—
..	28	—	—	—	—	—
..	196	—	—	—	—	—
..	988	—	—	—	—	—
..	7,246	7,246	—	—	10	5
..	2	—	—	—	7	—
..	9	—	—	—	14	—
..	539	—	—	—	1	—
..	50	—	—	—	5	—
..	364	—	—	—	5	—
..	79	—	—	—	8	—
..	26	—	—	—	2	—
..	4	—	—	—	3	—
..	1,073	875	—	—	45	40
..	1	—	—	—	—	—
..	80	—	—	—	24	—
..	5	—	—	—	5	—
..	8	—	—	—	—	—
..	71	—	—	—	—	—
..	23	—	—	—	2	—
..	188	167	—	—	31	13
..	183	—	2	—	43	—
..	11	—	—	—	12	—
..	—	—	—	—	1	—
..	11	—	—	—	4	—
..	205	136	2	—	60	28
..	14,650	14,591	2	—	683	656

	1	14	15	16	17	18	19
Udaipur	—	—	—	17	—	17	—
Lahual	—	—	—	70	—	70	—
Spiti	—	—	—	256	—	256	—
Total	—	—	—	343	5	343	5
J/Nager	14	—	—	51	—	65	—
Bharol	2	—	—	22	—	24	—
Sarkaghat	—	—	—	4	—	4	—
Baldwara	—	—	—	2	—	2	—
Sandhol	6	—	—	1	—	7	—
kadar	1,397	—	—	178	—	1,575	—
Chachiot	95	—	—	135	—	230	—
Balichowki	—	—	—	155	—	155	—
Thunag	4	—	—	204	—	208	—
Thundernagar	48	—	—	44	—	92	—
Karsog	39	—	—	158	—	197	—
Total	1,605	410	—	954	603	2,559	1,013
Rampur	31	—	—	4	—	35	—
Nankhari	40	—	—	2	—	42	—
Rahroo	352	—	—	—	—	352	—
Chirgaon	31	—	—	5	—	36	—
Dodrakwar	3	—	—	—	—	3	—
Jubbal	54	—	—	—	—	54	—
Chopal	160	—	—	124	—	284	—
Kupvi	20	—	—	—	—	20	—
Theog	413	—	—	565	—	978	—
Shimla	341	—	—	325	—	666	—
Suni	10	—	—	73	—	83	—
Kumarsain	104	—	—	51	—	155	—
Kotkhai	119	—	—	83	—	202	—
Total	1,678	1,114	—	1,232	852	2,910	1,966
Nahan	66	—	—	7	—	73	—
Poanta	14	—	—	—	—	14	—
Renuka	33	—	—	20	—	53	—
Pachhad	222	—	—	4	—	226	—
Rajgarh	116	—	—	41	—	157	—
Shillate	28	—	—	—	—	28	—
Kamrau	29	—	—	—	—	29	—
Dadahu	3	—	—	—	—	3	—
Total	511	311	—	72	178	583	509
Ramshaher	—	—	—	8	—	8	—
Nalagarh	109	—	—	9	—	118	—
Kasuali	4	—	—	203	—	207	—
Solan	20	—	—	748	—	768	—
Kandaghat	6	—	—	170	—	176	—
Arki	8	—	—	51	—	59	—
Total	147	200	—	1,189	1,081	1,336	1,281
Una	130	—	—	157	—	287	—
Amb	15	—	—	39	—	54	—
Bangana	18	—	—	—	—	18	—
Haroli	8	—	—	5	—	13	—
Total	171	199	—	201	204	372	303
<b>H. P. State Total</b>	<b>5,066</b>	<b>2,845</b>	<b>—</b>	<b>4,785</b>	<b>3,861</b>	<b>9,851</b>	<b>6,706</b>

	20	21	22	23	24	25
	219	—	225	—	—	—
	914	—	914	—	—	—
	289	—	289	—	—	—
	1,422	1,279	1,428	1,284	—	—
	567	—	771	—	—	—
	59	—	107	—	—	—
	18	—	140	—	—	—
	6	—	42	—	—	—
	7	—	24	—	—	—
	1,641	—	3,118	—	—	—
	589	—	974	—	—	—
	305	—	614	—	—	—
	902	—	1279	—	—	—
	311	—	726	—	—	—
	439	—	1954	—	—	—
	4,844	3,177	9,749	7,956	—	26
	495	—	1,866	—	—	—
	373	—	1,308	—	—	—
	1,602	—	4,373	—	—	—
	362	—	1,206	—	—	—
	3	—	32	—	—	—
	512	—	2,931	—	—	—
	810	—	1,421	—	—	—
	165	—	175	—	—	—
	3,128	—	4,643	—	—	—
	1,064	—	1,502	—	—	—
	111	—	328	—	—	—
	351	—	2,791	—	—	—
	1,190	—	4,079	—	—	—
	10,166	9,217	26,655	21,617	—	—
	82	—	192	—	—	—
	37	—	168	—	—	—
	593	—	728	—	—	—
	281	—	336	—	—	—
	526	—	1,292	—	—	—
	115	—	141	—	—	—
	57	—	67	—	—	—
	10	—	40	—	—	—
	1,701	1,424	2,964	2,596	—	298
	9	—	16	—	—	—
	217	—	259	—	—	—
	222	—	294	—	—	—
	776	—	1,153	—	—	—
	247	—	444	—	—	—
	84	—	207	—	—	—
	1,555	1,461	2,373	2,143	—	—
	515	—	585	—	—	—
	77	—	116	—	—	—
	19	—	22	—	—	—
	28	—	56	—	—	—
	639	567	779	682	—	—
	25,186	21,953	60,384	49,519	—	353

## 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 reflection of economic progress and a necessary adjunct in plan formation, the role of agricultural statistics such as land utilisation, cropping pattern, total output and irrigation statistics is very vital. The planning and execution of agriculture 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 ensaiing its full contri bution to economic development.

The Annual Season and Crop Report 1985-86 is an annual publication of the State Government, delineating therein the district-wise important Agricultural Statistics viz; land use classification, month-wise and season-wise rainfall data, sources-wise net irrigated area, cropwise gross irrigated area, detailed breakup of cropping pattern and producti on, fo llowed by a brief survey an 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 proceeding four years, with the current year *i.e.* 1985-86 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 mightly rivers and snows is situated in the map of Himalayan ranges in north-west of India. It is bordered by Jammu and Kashmir in the north, Punjab in the west and 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, Dhami, Ghund, Jubbal, Khaneti, Keonthal, Koti, Kumarsain, Kunihar, Kuthar, Mandi, Madhan Mahlog, Mangal, Ratesh, Rawiningarh, 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



31st 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 was 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 and Spiti and Shimla, Nalagarh Tehsil of Ambala district, some parts of Una Tehsil of Hoshiarpur district and Dalt House 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, L/Spiti, Mandi, Shimla, Sirmour, Solan and Una. The districts are further divided into three divisions having in turn 42 Sub-Divisions. The Sub-Divisions are further divided into 64 Tehsils and 24 Sub-tehsils with an area of 55, 673 square kilometres. The State headquarters are located at Shimla the queen of hills.

#### Climate 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 landscapes turns into one stretch of shimmering white. The rivers abound in fish and provide boating and fishing and the forests harbour wildlife of a large variety abex, the snow, gheer, bear and in certain areas, snow-leopard.

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

The terrain varies as you move from south to north, the lower foot-hills, the shivaliks, rising no more than 610 to 1220 metres. The inner ranges, are 1220 to 3660 meters 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 separately populated. They are good for raising forests.
- (iv) Alpine Zones: Above 3500 metres. They are good for grazing forests.
- (v) The land of snows: Without vegetation.

#### Season-wise Rainfall conditions:

Table I of the report under review epitomises month-wise rainfall of the calendar year 1985 with corresponding rainfall for each month. The table summarisely 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 in 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 22 per cent of the total cropped area having failed in the current year.

The average total annual rainfall recorded during the year 1985 in the State was 1300.2 m.m. as against 1285.6 m.m. normal rainfall and this rainfall was 1.1 per cent more than the normal rainfall. The highest average rainfall of 1858.8 m.m. was recorded in District Kangra as against its 1649.5 m.m. normal rainfall with average no. of rainy days of 72.3 as against 61.1 of the State. This increase in rainfall from the normal was 13.7 per cent. The second district recording highest average rainfall was Sirmour where an average rainfall of 1734.9 m.m. was reported as against 1768.9 m.m. of normal rainfall, but this annual average rainfall was 1.9 per cent less than the normal rainfall. The third place in order of highest rainfall was of District Hamirpur which recorded 1721.0 m.m. of annual average rainfall against 1252.1 m.m. of normal rainfall and it was 37.5 per cent more than the normal rainfall.

On the side of lowest recording of average rainfall, District L/Spiti, Kinnaur and Chamba were first, second and third respectively in these districts, the average rainfall of 422.0, 660.1 and 885.8 m.m. respectively was recorded and this amount of rainfall was also observed to be on lower side (except District L/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 of the main Annual Season and Crop Report, it is observed that the total stations could be made available by him. From perusal of the table No. I annual rainfall recorded in half 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 crop and hence the failure of the area sown to the extent 22 per cent. Deviation of actual rainfall from the normal also affected the potential of irrigation facilities and resulting poor harvest. In almost all the districts of the Pradesh the sown area under the crops was subjected to failure due to untimely or excessive rain on an average, in the year 1985 the total number of rainy days were 61.6 and with such averages District Sirmour, Kangra and Hamirpur were ranking first, second and third respectively. There was an increase of 16.5 per cent of number of average rainy days in the state during the year under report as compared to the last year.

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

#### A Winter Season:

This season has a spell of two month i.e. from 1st January to 28th February and during the season according to local cultivating conditions of the Pradesh, the rabi crops which are usually in Post Monsoon Season, during this season occurrence of timely

season total average rainfall of 71.4 m.m. was recorded as against 181.4 m.m. of normal rainfall. The amount received during this season was 39.4 per cent below the normal rainfall. The highest rainfall of 122.0 m.m. during this season was recorded in District Hamirpur and lowest rainfall of 32.4m.m. was recorded in District Una. In all the districts the average rainfall recorded during this season was below the normal rainfall as a result of which proper growth of crops sown was affected adversely.

The average number of rainy days during this season was 5.2 as against 6.2 of the corresponding period of last year and number of such rainy days (i.e. 8.3) was highest in District Chamba and the lowest number of rainy days(3.0) was in District Sirmaur.

**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 Rabi 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 varying yields of the crops. Thus for having a good harvest of the Rabi crops, this rainfed conditions should not fluctuate from the normals especially during this season.

In the State, during this season an average rainfall of 86.0 m. m. was recorded as against 162.2 m.m. normal rainfall and this rainfall was 53.0 per cent below the normal. In all the districts except Bilaspur and L/Spiti the total rainfall recorded during the season was below the normals. However, the highest rainfall of 152.0, 140.5 and 114.6 m.m. recorded was in District L/Spiti, Kinnaur, Shimla respectively. Whereas the lowest in district Una. During the season the average number of rainy days for the State was 8.0 as against 6.6 of the corresponding period of the last year with highest number of rainy days (15.1) for District L/Spiti and lowest number of rainy days (1.0) for District Una. After completing the harvest operations for Rabi crops, the farmers starts preparing their fields by applying manures and ploughs for transplantation of Paddy and sowing of Kharif crops before the commencement of Monsoon Season.

**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 above the normals of the district, but the rainfall was timely and fairly distributed.

During this season a rainfall of 931.8 m.m. was recorded in the State as against 836.0 m.m. of the normal rainfall and it was higher from the normal

rainfall recorded during the year. The highest rainfall of 1527.1, 1403.4 and 1256.0 m.m. was recorded in District Kangra, Sirmaur and Hamirpur respectively and this rainfall also higher to the corresponding normals. Except District Sirmaur the lowest rainfall recording district were L/Spiti, Kinnaur and Hamirpur respectively and rainfall reported from District Hamirpur was below the corresponding normal. The amount of rainfall received in these districts was 127.5, 273.5 and 457.1 m.m. respectively. The peak period for the rainfall of the season were the months of July and August and the total amount of rainfall recorded out of total rainfall of 931.8 m.m. of the season for this peak season was 738.6 m.m. and this amount was 79.3 per cent of the total.

Like rainfall the highest number of rainy days was also recorded during this season and this number was 40.4 days as against 61.6 days of the last year These rainy days were 65.6 per cent of the total average rainy days of the year, 1985.

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

**D—Post Monsoon :**

Post Monsoon season is from 1st October to 31st December and during this season after harvesting the Kharif crops the sowing of Rabi crops is almost completed. A total rainfall of 211.0 m.m. was recorded in the State as against 106.0 m.m. of normal rainfall and this amount of rainfall was 99.1 per cent more than the corresponding normal. This average rainfall was more by 430.2 per cent corresponding rainfall of the last year. The average rainfall of the season was higher than the corresponding normal in each district except Chamba where it was 13.6 m.m. less than the normal. The first three districts recording highest rainfall were Hamirpur, Sirmaur and Solan where 282.0, 261.5 and 256.5 m.m. rainfall was recorded.

In the month of October there were rains in all the districts of the Pradesh and the rainfall was higher than the corresponding normals in all the districts except District Chamba. In the month of November there were no rains in Districts Bilaspur, Hamirpur, Kangra, L/Spiti and Una and in other district except Kinnaur the rainfall was below the normal. During the month of December of this season, a total average rainfall of 75.8 m.m. was reported for the State, but the amount was higher than the corresponding normal by 98.4 per cent. The rainfall was reported from all the districts of the Pradesh and the same was beneficial to the growth of Rabi crops, especially for oil seeds and pulses. The maximum rainfall was recorded during the month of December of post Monsoon Season. There were in all the districts and the rainfall was higher than the corresponding normals and except in district Kinnaur .

On an aggregate, the weather conditions prevailing during this season

### Classification of Area Land Utilisation :

Land resources of a place are not so much dependent on the extent of geographical areas on the extent of cadastrally surveyed area. The later category of area delineates those different classification of the uses of land which readily appear on the records villages 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 fulfill our multifarious requirements. The best use of each parcel of land requires a scientific and modern technology adoption. This may help us 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. kms. In comparison to the geographical area, the total cadastrally surveyed area (by village papers) in the state during the year under review came to 3227071 hectares revealing thereby that the remaining deficit of 2340229 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 *viz-a-viz* the preceding year 1984-85 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 81 per cent of the total reporting area, leaving the remaining 19 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 forest 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 hectare. The minimisation of this huge difference between two sets needs adoption of uniform definition of category of Forests. The definition of forests as adopted by the Revenue Department has been indicated in the succeeding

TABLE-I—CLASSIFICATION OF REPORTING AREA FOR THE YEARS 1984-85 AND 1985-86 (IN '000 HECTARES)

Category	1984-85		1985-86	
	Area in '000 hectares	Percentage to total reporting area	Area in '000 hectares	Percentage to reporting area
1	2	3	4	5
1. Forests	874	27	885	27
2. Barren and unculturable land	159	5	159	5
3. Land put to non-agricultural uses	206	6	220	7
4. Culturable waste	130	4	128	4
5. Permanent pastures and other grazing lands	1158	36	1153	36
6. Misc. tree crops and groves not included in net area sown	40	1	41	1
7. Current fallows	54	2	44	1
8. Other fallow lands	14	1	14	1
9. Net area sown	580	18	583	18
10. Total Reporting Area	3215	100	3227	100
11. Gross area sown	988	31	974	30
12. Area sown more than once	408	13	391	12

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.* 1984-85 except the category of land put to non-agricultural uses and current fallows. The percentage of the gross area sown and area sown more than once to the total reporting area during the current year was 30 and 12 per cent respectively and it was less by land 1 per cent respectively to the similar percentages of the last year. It further indicated that about 67 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 as per F.P.L/R.M. are as follow:—

#### Forests :

All actually forested area on the lands, classed for 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 un-cultivated land.

The area under this category during the year under review has increased by 10454 hectares over the last year and represents an increase of 1 per cent. The increase is nominal and needs no comments. In order of percentage share to the total reporting area this category is at place second after the category of permanent pasture and other grazing land.

#### Barren and Un-culturable Land :

This includes all barren and un-culturable 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 1985-86 and there was one increase of 226 hectares or 0.1 per cent as compared to the last year.

#### 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 7 per cent of the total reporting area and there was an increase of 13890 hectare or 7 per cent as compared to the previous year, but the increase was below 10% and thus no comments.

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

#### Culturable Waste :

This comprises all lands available for cultivation, whether taken-up for cultivation or abandoned after a few years for one reason or the other. Such lands may be either fallow or covered with shrubs and jungles, which are not to put any use. They may be assessed or unassessed and may lie in isolated blocks or within cultivated holdings.

Land once cultivated but not cultivated for five years in succession should be included under this head. The land under this category forms 4 per cent of the total reporting area. There was a decrease of 1977 hectares in this category as compared to the last year area and it was about two per cent less. Thus no comments.

#### Permanent pastures and other grazing lands :

This includes all grazing lands whether they are permanent pastures and meadows or not. Villages 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 1985-86 as compared to the last year was 4070 hectares or about one per cent and called 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 casurine 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 formed nearly one per cent of the total reporting area. The increase under this category was 522 hectares or about one per cent which called for no comments.

#### Current fallows :

This represents cropped area which is kept fallow during the current year. For example if any seeding area is not cropped again in the same year may be treated as current fallow. The land under this category also forms one per cent of the total reporting area. The variation under this category of land as compared to last year was 9471 hectares or about 18 per cent less on account of rotation of crops. The reasons for this variation are due to keeping the land less fallow during the year under report in Districts Bilaspur, Chamba, Kangra, L/Spiti, Mandi, Solan and Una.

#### 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) Malerial climate, (iv) Silting of canals and rivers, and (v) unremunerative nature of farming.

The area under this category was just 13750 hectares and it decreased from the previous year's figure by 453 hectares. This decreased as compared to last year area was about 3 per cent and called for no comments.

#### Net area sown :

This represents the net area sown with crops. Net geographical area under the crops and orchards. The area under this category during the year, 1985-86 constituted 18 per cent of the total reporting area and there was decrease of 2575 hectares under this category as compared to the last year. In percentage this increase was less than one per cent and called for no comments.

#### Area sown more than once :

This represents the area on which crops are raised more than once during the agricultural year. This is obtained by deducting the 'Net Area Sown' from cropped area. Such area during the year 1985-86 was 391038 and decrease by the last year's figure by 16998 hectares. In precentage this decrease was about 4 per cent. This was owing to the lesser 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 decreased by 14423 hectares. In absolute terms the area stood at 973638 hectares in comparison to 988061 hectares of the last year. The decrease in total cropped area with regard to corresponding area of last year as about 1 per cent which was negligible and called for no comments.

#### 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 Chamba, Kinnaur, L/Spiti and Shimla districts, intensive cultivation was not done as these districts have less than 150 per cent intensity of cropping. In the Valleys Shiwalik hills and on the banks of the Satluz, 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 1985-86 has been computed in Table 2.

TABLE-2—INTENSITY OF CROPPING IN EACH DISTRICT FOR THE YEAR 1985-86 AS COMPARED TO THE YEAR 1984-85

Sl. No.	Name of the district	Intensity of cropping 1984-85	Net area sown 1985-86	Total cropped area 1985-86	Intensity of cropping 85-86
1	2	3	4	5	6
1.	Bilaspur	187.6	31791	57309	180.3
2.	Chamba	155.1	42577	63250	148.6
3.	Hamirpur	192.5	98706	74841	193.4
4.	Kangra	190.5	123987	214881	174.2
5.	Kinnaur	133.8	7764	9894	127.4
6.	Kullu	159.2	35444	56828	160.3
7.	Lahaul and Spiti	101.6	3105	3254	104.8
8.	Mandi	170.9	94569	166164	175.7
9.	Shimla	142.9	75487	108443	143.7
10.	Sirmaur	178.0	43909	77223	175.9
11.	Solan	153.7	42764	68995	161.3
12.	Una	170.8	43097	72556	168.4
	State	170.4	582600	973638	167.1

Intensity of Cropping =  $\frac{\text{Total cropped area} \times 100}{\text{Net area sown}}$

Net area sown.

Intensity of cropping for the state for the year under review came to 167.1 per cent though there was wide inter-district variation. The intensity of cropping during last year was 170.4 per cent. The District L/Spiti though with almost cent per cent assured irrigation, had a low cropping intensity of 104.8 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 93 per cent area was double-cropping. The districts in the descending order of intensity of cropping were Hamirpur, Bilaspur, Sirmaur, Mandi, Kangra, Solan, Kullu, Chamba, Una, Shimla, Kinnaur and L/Spiti. The table-2 would also revealed 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 lower than the intensity of cropping of last year by about 3.3. percent.

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 (1981-82 TO 1985-86)

Sl. No.	Name of district	Intensity of cropping for the year				
		1981-82	1982-83	1983-84	1984-85	1985-86
1	2	3	4	5	6	7
1.	Bilaspur	189.9	191.1	188.6	187.6	180.3
2.	Chamba	150.7	150.9	153.6	155.1	148.6
3.	Hamirpur	194.8	195.7	187.6	192.5	193.4
4.	Kangra	157.9	175.0	169.4	190.5	174.2
5.	Kinnaur	134.7	128.7	134.7	133.8	127.4
6.	Kullu	160.4	157.6	147.0	159.2	160.3
7.	L/Spiti	100.0	103.4	103.6	101.6	104.8
8.	Mandi	174.6	170.6	167.0	170.9	175.7
9.	Shimla	152.5	152.4	147.7	142.9	143.7
10.	Sirmaur	180.2	176.2	177.9	178.0	175.9
11.	Solan	154.8	144.4	144.0	153.7	161.3
12.	Una	171.3	176.3	169.4	170.8	168.4
	State	165.7	167.6	163.9	170.4	176.1

**District-wise percentage distribution of net area sown 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 FOREST BY DISTRICT 1984-85 AND 1985-86**

Sl. No.	District	Percentage of Net Area Sown in the district to the				Percentage Area of forest area in the district to the			
		Reporting Area of the district		Total Net Area Sown in the State		Reporting Area of the district		Total Forest Area in the State	
		1984-85	1985-86	1984-85	1985-86	1984-85	1985-86	1984-85	1985-86
1	2	3	4	5	6	7	8	9	10
1.	Bilaspur	27.5	27.5	5.5	5.5	9.9	9.9	1.3	1.3
2.	Chamba	6.1	6.1	7.3	7.3	38.3	39.0	30.0	30.5
3.	Hamirpur	35.1	35.2	6.6	6.6	18.2	18.2	2.3	2.3
4.	Kangra	20.9	21.1	21.1	21.2	40.9	41.7	27.3	27.6
5.	Kinnaur	4.7	4.6	1.3	1.3	8.6	8.2	1.5	1.6
6.	Kullu	71.3	71.5	6.1	6.1	—	—	—	—
7.	L. & Spiti	1.5	1.6	0.5	0.5	6.1	6.3	1.4	1.4
8.	Mandi	23.8	23.9	16.3	16.2	38.8	38.9	17.6	17.4
9.	Shimla	21.1	21.3	12.9	13.0	17.5	17.5	7.1	7.0
10.	Sirmaur	19.6	19.5	7.6	7.5	21.8	21.7	5.6	5.5
11.	Solan	23.8	23.7	7.4	7.4	10.9	10.9	2.3	2.2
12.	Una	27.6	27.9	7.4	7.4	18.6	18.6	3.3	3.2
	H.P. State	18.0	18.1	100.0	100.0	27.2	27.4	100.0	100.0

The percentage of net area sown to the total reporting area was 18.1 per cent as compared to the 18.0 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, Shimla. The total area under forests in the State was sharing 27.4 per cent of the total reporting area and such share during 1984-85 was 27.2.

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

The net irrigated area during 1985-86 was 96138 hectares and recorded an increase of 1094 hectares over the preceding year figures of 95044 hectares. There was increase of 1.2 per cent in the net area irrigated as compared to previous year. The kuhls constitute the major source of irrigation in the State and accounted for 88.3 per cent of the total net irrigated area during the year 1985-86. These small water channels, colloquially called kuhls are made by making notches on the river tanks and water sources and the water is thus led to the fields for irrigation.

The predominant hilly character of the state renders the terrain unfit for boring tube-wells and even the scope for lift irrigation is severely limited. Such facilities are in fact confined to the low lying areas only and accounted for only 3.8 per cent of the total irrigated area in the year under review. This percentage of area irrigated by wells/tube-wells more by 0.4 as compared to last year. The net area irrigated to the net area sown was 16.5 per cent during the current year as compared to the 16.4 per cent of the last year. The gross area irrigated under current year was 169476 hectares as against 169007 hectares of the last year, which gave increase of 469 hectares or 1.0 per cent.

The table-5 gives below provided the source-wise break-up of the net irrigated area during 1985-86 as compared to the preceding year i.e. 1984-85.

**TABLE 5—PERCENTAGE SHARE OF NET IRRIGATED AREA BY SOURCES**

Sl. No.	Source of Irrigation	1984-85		1985-86	
		Net Area irrigated (hect.)	Percentage to total irrigated area	Net Area irrigated (hect.)	Percentage to total irrigated area
1	2	3	4	5	6
1.	Canal	7246	7.6	6926	7.2
2.	Tanks	717	0.8	668	0.7
3.	Wells and Tube-wells	3251	3.4	3682	3.8
4.	Other sources kuhls	83830	88.2	84862	88.3
	Total	95044	100.0	96138	100.0

According to Table-III-A of the Annual Season and Crop Report 1985-86 there were 353 Government canals, 5275 Private kuhls, 1600 tube-wells, 2184 wells used for irrigation and 496 Tanks which provided irrigation

irrigated to net area sown is about 16.5 per cent which indicated that about 83.5 per cent of net area under the crops survived under the changing trend of natural calamities. Thus to have full harvest of the area sown, the facilities of irrigation and modern technique 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	1984-85		1985-86	
		Area in hect.	Percentage share to the total irrigated area	Area in hect.	Percentage share to the total irrigated area
1	2	3	4	5	6
1.	Rice	51664	30.5	50506	29.8
2.	Wheat	65176	38.5	64231	37.9
3.	Barley	4763	2.9	4839	2.9
4.	Maize	21365	12.7	21858	12.9
5.	Ragi & other Millets	3464	2.0	2374	1.4
6.	Sugarcane	820	0.4	725	0.4
7.	Potatoes	2809	1.7	2968	1.8
8.	Ginger	1046	0.7	1076	0.6
9.	Other food crops	8084	4.8	10214	6.0
A—Total food crops		159191	94.2	158791	93.7
10.	Linseed	4597	2.8	4117	2.4
11.	Rape & mustard	528	0.3	534	0.3
12.	Tea	—	—	2104	1.2
13.	Fodder crops	2902	1.7	3039	1.8
14.	Other Non-food crops	1789	1.0	891	0.6
B—Total non-food crops		9816	5.84	10685	6.3
Total (A+B)		169007	100.0	169476	100.0

As well be evident from above 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 83.4 per cent of the total irrigated area thus leaving a nearly share of 16.6 per cent to all other food non-food crops grown in the Pradesh.

However, it was notable that the total irrigated area constituted just 17.4 per cent of the total cropped area which revealed that nearly 82.6 per cent of the cropped area in the State was rainfed. It was in fact, this vast dependence on weather-gods that precisely explained the state being repeatedly prone to natural calamities.

### Intensity of Irrigated Cropping :

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

The intensity irrigated for the year 1985-86 is shown in Table-7.

TABLE 7—INTENSITY OF IRRIGATED CROPPING IN EACH DISTRICT DURING 1984-85 AND 1985-86

Sl. No.	Name of district	Intensity of irrigated cropping (1984-85)	Net Area Irrigated (1985-86)	Gross area Irrigated (1985-86)	Intensity of irrigated cropping (1985-86)
1	2	3	4	5	6
1.	Bilaspur	198.9	2760	5227	189.4
2.	Chamba	196.5	3590	6894	192.0
3.	Hamirpur	205.4	1781	3405	191.2
4.	Kangra	201.8	32511	64385	198.0
5.	Kinnaur	130.6	4537	5528	121.8
6.	Kullu	100.0	2210	2210	100.0
7.	L/Spiti	100.0	3105	3254	104.8
8.	Mandi	190.6	14076	26198	186.1
9.	Shimla	158.6	4481	7121	158.9
10.	Sirmaur	176.3	13655	24578	180.0
11.	Solan	147.9	9839	15529	157.8
12.	Una	140.5	3593	5147	143.3
H.P. State		177.8	96138	169476	176.3

The intensity of irrigated cropping for the year 1985-86 was found 176.3 per cent. The districts in the descending order of intensity of irrigated cropping were Kangra, Chamba, Hamirpur, Bilaspur, Sirmaur, Shimla, Solan, Una, Kinnaur, L/Spiti and Kullu respectively. In case of district Kangra, Chamba and Hamirpur the net area irrigated was found to be almost irrigated more than once during the year.

### Cropping Pattern—IV-A & B :

Cropping pattern indicated 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 outturn. 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 1985-86 stood at 9.74 lakh hectares as compared to 9.88 lakh hect. during 1984-85 and in terms of percentage the decrease was 1.5 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 revealed that total food crops accounted for 96.5 per cent in terms of area thus leaving a slender percentage of 3.5 per cent to non-food crops.

TABLE 8—AREA UNDER CROPS 1984-85 AND 1985-86.

Sl. No.	Crops	1984-85		1985-86	
		Area in hect.	Percentage share to the total cropped area	Area in hect.	Percentage share to the cropped area
1	2	3	4	5	6
1.	Rice	94763	9.6	90762	9.3
2.	Wheat	385813	39.0	377107	38.7
3.	Barley	32643	3.3	34241	3.5
4.	Maize	307575	31.1	299514	30.8
5.	Ragi	7884	0.8	6691	0.7
6.	Common & little Millets and other	20541	2.1	21018	2.2
7.	Total cereals	849219	85.9	829333	85.2
8.	Gram	3912	0.4	6928	0.7
9.	Black gram	23543	2.4	20954	2.2
10.	Horse gram	7660	0.8	7070	0.7
11.	Masur	1859	0.1	2035	0.2
12.	Other pulses	6627	0.7	6760	0.7
13.	Total pulses	43601	4.4	43747	4.5
	Total food grains	892820	90.3	873080	89.7
14.	Sugar cane	3359	0.3	2707	0.2
15.	Apple	22352	2.2	24494	2.5
16.	Potatoes	13739	1.4	14650	1.5
17.	Fruits and vegetables (except apple and Potatoes).	18061	1.8	21240	2.2
18.	Chillies	849	0.1	860	0.1
19.	Ginger	2062	0.2	2231	0.2
20.	Other food crops	1744	0.2	413	0.1
	Total food crops	954986	96.5	939675	96.5
21.	Cotton	473	0.1	335	—
22.	Ground nut	837	0.1	986	0.1
23.	Sesamum	8044	0.8	6246	0.7
24.	Rape-Mustard	6119	0.7	6935	0.7
25.	Linseed	5132	0.5	5112	0.5
26.	Tea	3082	0.4	3099	0.3
27.	Other non-food crops	2037	0.2	2984	0.3
28.	Total non-food crops	33073	3.5	33963	3.5
29.	Total cropped area	988059	100.0	973638	100.0
30.	Fodder crops	7349	0.7	8266	0.9

Rice, Maize, Ragi and 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. Rice, Maize, Wheat, Barley, Potatoes, Rape-Mustard were grown almost all over the state. Sugarcane was mainly grown in Sirmaur, Una, Solan, Kangra, Hamirpur, Bilaspur and Mandi 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, 38.7 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 and its ranked first in terms percentage share.

#### Barley :

In Rabi season Barley is the second important crop in the State is grown in the interior parts. Only 3.5 per cent area to the total gross area came under this crop during the year under report. This crop is more popular in district Chamba, Kangra, Kullu, Mandi and Shimla. However, the crop was grown in almost all the districts of the Pradesh. Its order in terms of percentage share was fourth.

#### Paddy :

Paddy is a staple food of the people. It ranked third in order of the area point of view and it shared 9.3 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 it harvested during the month of October and November. This crop is almost grown in all the district except L/Spiti. In order of ranking with regard to growing of this crop District Kangra, Mandi and Sirmaur were three districts.

#### Maize :

Maize is another important crop of the Kharif season covering 30.8 per cent of the gross cropped area and its place in terms of percentage share to the total area was second. It is sown both under rainfed and irrigated conditions in all the districts of the State. District Kangra, Mandi and Hamirpur were the first three crop growing districts.

#### Other Cereals :

The other cereals constitute a numerous small and coarse grains viz. Jowar, Bajra, Ragi, Ogli, Kangri, Cheena, Chalai and Bathu etc. These crops are merely 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 2.2 per cent of the gross cropped area.



**Total Pulses :**

According to the table 8 above only 4.5 per cent of the total gross cropped area came under this head as against similar percentage of 4.4 of the last year 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. Solan, Kangra and Mandi were 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, Plums, Cherry, Walnut, Almond and Chapes fruits 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 2.5 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 35198 hectares area under fresh and dry fruits the area under apple was 24494 hectares or 69.6 per cent. Shimla district having considerable share, ranking thereby first. The area under other fruits was about 30.4 per cent of the total area under fruits.

**Total Vegetable :**

Only about 2.6 per cent area comes under vegetables out of which 1.5 per cent was shared by Potato crop alone. Thus potato is the main cash crop in Himachal Pradesh and was grown almost in all the districts of the State. District Shimla, Mandi, Sirmaur and L/Spiti were 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 lower parts where irrigation facilities are adequate. In district L/Spiti, about 33.2 per cent of the gross cropped area came under potato as against similar percentage of 36 of the last year. The share of other vegetables like Peas, Cauliflower, Tomato, Onion, Cabbage, etc. was 41.8 per cent out of the total area under the vegetable crops. The climate and topographical conditions of the State are quite favourable for growing the off-season vegetables like Peas, Cauliflower, Cabbage and Tomato etc. and demand of these vegetables of adjoining States is also met by exporting such vegetables. The revenue earned by the cultivators from such vegetables is quite considerable.

**Total food crops :**

In the state major share in the cropped area goes to food crops which was 96.5 per cent of the total cropped area, which indicated that the farmers gave more importance to the growing 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 districts the percentage of area under food crops is as high as 99.6 in case of Hamirpur and 99.5 per cent in case of Kinnaur district.

**Total non-food crops :**

In the state, as a whole only 3.5 per cent of area came under Non-Food Crops. The Non-Food Crops constitute Rape and Mustard, Linseed, Groundnut, Sesamum, Tobacco, Tea, Cotton and Sunhump etc. Tea is grown in Palampur tehsil of District Kangra and Tehsil Jogindernagar of Mandi district. The total area under tea in these areas was 3099 hectares i.e. about 9 per cent of the total area Non-Food Crops. The quality of the tea is quite rich and is exported to other countries. Out of the total area under non-food crops bulk of the area is 62.9 per cent is covered by total oil seeds leaving thereby about 37.1 per cent share to other non-food crops.

**Yield per hectare—Table V-A :**

The table 9 below indicates the yield per hectares in respect of four major crop Wheat, Rice, Maize and Barley for the current year as well as for the proceeding year 1984-85. 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 methods, with the Kanungo Circles 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 i.e. Revenue and Agriculture. The average yield of four major crops for the year 1984-85 and 1985-86 was as given in Table 9.

TABLE 9—AVERAGE YIELD PER HECTARE IN KG. OF IMPORTANT CROPS

Sl. No.	Name of the Crops	Yield per hectares in kg.	
		1984-85	1985-86
1.	Weat	696	1306
2.	Rice	1237	1381
3.	Maize	1897	1740
4.	Barley	851	1119

The yield rate of these crops (except Maize) were found to be higher as compared to the rates of last year as such there was an increase of about 1.88 lakh M.T. in the production of total cereals.

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 Agricultural Department, are utilised for working out the total outturn. These normals are based on five years average, on each crop at least two experiments are required to be conducted by the each Revenue Officer.

**Production—Table V-B :**

Because of prospective effect of weather conditions during the year under review 1985-86 the output of total food and non-food crops, as compared

to the preceding year, increased by 17.6 per cent. In absolute terms, it increased from 10.66 lakh M.T. to 12.53 lakh M.T. or 1.87 lakh M.T.

Of the total production of foodgrains *i.e.* 12.01 lakh M.T. during 1985-86 the four major crops *viz.* Rice, Wheat, Barley and Maize together accounted for 93.8 per cent, thus leaving a marginal share of 2.0 per cent to all other crops such as small millets and pulses. Two major Kharif crops *i.e.* paddy and Maize contributed 6.46 lakh M.T. and the two major Rabi crops of the wheat and barley accounted for 5.29 lakh M.T. The percentage share of all food crops production to the total production was 99.4 per cent and thus of the non-food crop was merely 0.6 per cent.

The accompanying Table 10 reflects the crop-wise production for the years 1984-85 and 1985-86 as also the percentage share of each crop in the total production. Although 22.7 per cent of the total cropped area did not mature during the year under review, yet the total production of the crops over the preceding year recorded increase of 17.6 per cent. This increase was owing to the operation of two factors, first, the percentage of damaged area 22 per cent was higher as compared to 38 per cent of the corresponding preceding year, and secondly, this year was widely favourable as compared to the preceding year.

The yield per hectare and production of all other crops, excepting the above mentioned four major crops, is determined by traditional method, which in the revenue jargon, 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 factors denoted 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 X normal yield X condition factor. The accuracy of the production estimates depended therefore on the reliability of each of these factors.

TABLE 10—CROP-WISE PRODUCTION (METRIC TONNES)  
1985-86 AS COMPARED TO 1984-85.

Sl. No.	Crops	1984-85		1985-86	
		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	571635	53.6	521074	41.6
2.	Wheat	269489	25.3	492015	39.3
3.	Rice	117227	11.0	125400	10.0
4.	Barley	27263	2.5	37280	2.9
5.	Other cereals	14425	1.4	12307	1.0
A. Total cereals		1000039	93.8	1188076	94.8
6.	Gram	428	0.1	4215	0.3
7.	Blackgram	3297	0.3	3007	0.2
8.	Other pulses	4389	0.4	5541	0.5
B. Total pulses		8114	0.8	12763	1.0

	1	2	3	4	5	6
Total—Food grain (A+B)			1008153	94.6	1200839	95.8
9. Suroacane			4828	0.4	2712	0.2
10. Potatoes			46269	4.4	39911	3.2
11. Other food crops			1784	0.1	2249	0.2
C. Total Food crops			1061034	99.5	1245711	99.4
12. Sesamum			1380	0.1	1531	0.1
13. Rape Mustard			502	0.1	1690	0.1
14. Tea			516	0.1	1036	0.1
15. Other non-food crops			2374	0.2	3423	0.3
D. Total Non-food crops			4772	0.5	7680	0.6
Total food-crops and non-food crops			1065806	100.0	1253391	100.0

The total production of cereals in the State increased to 11.88 lakh m.t. from 10.00 lakh m.t. of the previous year and this increase was 18.8 per cent. Like-wise total production in the State in respect of cereals the production of pulses also increased to the extent of 4649 M.T. The total production of food crops which also included Potatoes, condiments and spices and other food crops etc. increase to the level of 1.85 lakh M.T. or 17.4 per cent. The production of non-food crops also increased from 4772 M.T. of the last year to 7680 M.T. during the current year. In percentage this increase was 60.9 per cent. The major reasons for such a total considerable rise in the total production was favourable weather conditions prevailing during the year. Of the total production of crops the four major crops alone *i.e.* Wheat, Barley, Maize and Paddy contributed 93.8 per cent and rest of the contribution of 6.2 per cent went to other food and non-food crops. In ranking terms the order of crop production was Maize, Wheat, 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 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 availed by the State Government/Government of India and various other business firms so as to frame their estimates regarding availability of food grains and for determining the extent of imports and exports. Thus to streamline the flow of agricultural produce 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, forecast alongwith detailed introductory note on crop situation should be forwarded by the district officers to the Director of Land Records on the prescribed proforma, who inturn releases the State estimates. There are about three estimates indicating the growing and harvesting prospectus of each crop. The first and second forecast according to para-133 of H.P. Land Records Manual are prepared on the basis of personal observance inquiry of the Revenue functionaries whereas the third or final estimates are prepared on

the basis of ascertainment of actual area 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 out-turn and irrigation facilities and thus are of almost importance. The Annual Season and Crop Report give the annual account of the crops in the commulative form.

#### Farm Harvest Price—Table 11 :

TABLE 11 gave a comprehensive data of Farm Harvest Prices for the year 1984-85 and 1985-86 of main crops.

TABLE 11—Statement of Farm Harvest Prices of important crops for the year 1985-86 *vis-a-vis* 1984-85.

Sl. No.	Crop	Price of the crop at Farm site (Per quintal)	
		1984-85	1985-86
1	2	3	4
1.	Rice	212.20	240.60
2.	Wheat	208.33	205.73
3.	Barley	190.00	185.60
4.	Maize	160.00	177.20
5.	Gram	558.00	514.65
6.	Sugarcane (Gur)	292.66	398.25
7.	Groundnut	754.00	593.50
8.	Rape	909.40	614.50
9.	Mustard	653.77	758.43
10.	Tobacco	504.40	504.50

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

These prices of the crops were 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 wholesale 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 Rice, Maize, Sugarcane, Mustard and Tobacco crop.

#### Agricultural Wages—Table 12 :

The Table 12 gave 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 centres of the districts.

TABLE 12—Agricultural Labour (In rupees for item).

Sl. No.	Category of Labour	1984-85	1985-86
1	2	3	4
1.	Carpenters	23.68	26.32
2.	Blacksmiths	21.61	24.34
3.	Cobblers	20.50	23.32
4.	Field Labour	14.92	15.51
5.	Other Agricultural Labour	12.86	14.11
6.	Herdsman	11.65	12.97

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 the Chapter 16 of the H. P. Land Records Manual are collected from the selected centres of each districts. The wages are collected on the prescribed proforma on monthly basis and average rate of these wages computed in the report, have been compiled on the basis of these monthly statements.

#### State Livestock—Table 13 :

The Table 13 below gave the comparative results of the 11th, 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	2175690	2106220	2173663	+3.2
2.	Buffaloes	543887	560006	616415	+10.07
3.	Yaks	4589	3473	2908	-16.3
4.	Bovines	2724166	2669699	2393575	-10.3
5.	Sheep	1039946	1055005	1090322	+3.3
6.	Goats	906415	1035337	1059862	+2.4
7.	Horse and Ponies	16234	14858	16670	+12.2
8.	Mules	7000	8216	12679	+54.3
9.	Donkeys	4904	6074	6613	+8.9
10.	Camel	885	872	714	-18.1
11.	Pigs	2906	5165	8107	+57.0
12.	Total Livestock	4702456	4795226	4988540	+4.0
13.	Total Poultry	188649	329561	461285	+40.0
14.	Ploughs	501852	518240	623761	+20.4
15.	Carts	2682	2822	3403	+20.6
16.	Sugarcane crushers	3192	4019	2961	-26.3
17.	Tractors	33	397	936	+135.8
18.	Oil Engines	255	989	1177	+19.00
19.	Electric Pump	338	624	585	-6.2
20.	Ghanis	555	652	—	—

The increase in the total livestock was very normal and calls for no comments. It reveals 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 revealed 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 scheme in the State. The increase in total poultry was significant and was 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 labours efforts accomplish this huge task despite 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 requirements. The asset of livestock also play an appreciable role in rural economy and hence its regular study through such censuses is essential. The preliminary work for the conduct of 14th Livestock Census with reference date 15-10-87 has also been started.

#### District-wise Villages :

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

TABLE 14—List of inhabited and un-inhabited villages in each district as per 1981 human. census

Sl. No.	District	Number of Villages		
		Inhabited 3	Un-inhabited 4	Total 5
1	2			
1.	Bilaspur	942	74	1016
2.	Chamba	1098	482	1580
3.	Hamirpur	1621	31	1652
4.	Kangra	3753	319	4072
5.	Kinnaur	77	—	—
6.	Kullu	169	—	169
7.	Lahaul and Spiti	239	98	337
8.	Mandi	2806	540	3346
9.	Shimla	2225	184	2409
10.	Sirmaur	967	1	968
11.	Solan	2358	143	2501
12.	Una	552	42	594
	Total	16807	1914	18721

The data of number and area of operational holdings as has been generated through the completion of Agriculture Census 1980-81 in respect of all the categories, S/C and S/T holdings has been indicated in Table No. 15, 16 and 17 respectively.

As the report unfolds itself, it will be seen that during the year under review there had been a decrease of about 1.0 per cent in the total cropped over the corresponding last year but the increase in total production (food and non-food crops both) over the same period has been 17.6 per cent. The increase in production was recorded due to the fact that the total sown area during the year 1985-86 was less (22 per cent as during the preceding year it was 38 per cent. This increase more attributable to the agricultural conditions having remained comparatively stable and suitable for the better prospectus of crop grow and the yield rates of the main crops were also found to be on higher side as compared to such rates of the last year.

TALBE 15—Statement showing Number and Area of operational holdings of all categories in H.P. during Agri. cultural Census, 1980-81.

Sl. No.	Size/Class (ha.)	Individual Holdings			Joint Holdings			Institutional Holdings			Total Holdings		
		No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area
		3	4	5	6	7	8	9	10				
1	2												
1.	Below 0.5	223243	52973	59	22	121	32	223423	53027				
2.	0.5—1.0	128731	93135	59	43	78	50	128868	93228				
3.	1.0—2.0	140258	200211	52	58	55	68	140365	200337				
4.	2.0—3.0	64408	155453	24	55	42	96	64474	155604				
5.	3.0—4.0	32081	109764	17	54	20	63	32118	109881				
6.	4.0—5.0	17287	77345	9	38	22	92	17318	77475				
7.	5.0—7.5	18177	111213	10	59	22	129	18209	111401				
8.	7.5—10.0	6348	54805	1	9	3	25	6352	54839				
9.	10.0—20.0	5519	73229	2	26	11	137	5532	73392				
10.	20.0—30.0	812	19349	1	21	3	72	816	19442				
11.	30.0—40.0	285	9467	—	—	3	112	288	9579				
12.	40.0—50.0	102	4615	—	—	—	—	102	4615				
13.	50.0 and above	216	17605	—	—	—	—	216	17605				
	Total—H.P.	637467	979164	234	385	380	876	638081	980425				

TALBE 16—Statement Showing Number and Area of operational holdings of Scheduled Caste in Himachal Pradesh during Agri. cultural Census 1980-81.

Sl. No.	Size/Class (ha.)	Individual Holdings			Joint Holdings			Institutional Holdings			Total Holdings		
		No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area
		3	4	5	6	7	8	9	10				
1	2												
1.	Below 0.5	84,568	17,943	—	—	—	—	84,568	17,943				
2.	0.5—1.0	34,460	24,840	—	—	—	—	34,460	24,840				
3.	1.0—2.0	24,798	34,467	—	—	—	—	24,798	34,467				
4.	2.0—3.0	8,032	19,341	—	—	—	—	8,032	19,341				
5.	3.0—4.0	2,170	7,419	—	—	—	—	2,170	7,419				
6.	4.0—5.0	695	3,088	—	—	—	—	695	3,088				
7.	5.0—7.5	559	3,524	—	—	—	—	559	3,524				
8.	7.5—10.0	231	2,008	—	—	—	—	231	2,008				
9.	10.0—20.0	108	1,370	—	—	—	—	108	1,370				
10.	20.0—30.0	—	—	—	—	—	—	—	—				
11.	30.0—40.0	—	—	—	—	—	—	—	—				
12.	40.0—50.0	—	—	—	—	—	—	—	—				
13.	50.0 and above	—	—	—	—	—	—	—	—				
	Total—H.P.	1,55,621	1,14,000	—	—	—	—	1,55,621	1,14,000				

TABLE 17—Statements showing Number and Area of operational holdings of Scheduled Tribes in Himachal Pradesh during Agricultural Census 1980-81.

Sl. No.	Size/Class (ha.)	Individual Holdings			Joint Holdings			Institutional Holdings			Total Holdings		
		No. 3	Area 4	No. 5	Area 6	No. 7	Area 8	No. 9	Area 10				
1.	Below 0.5	9,246	2,206	—	—	44	8	9,290	2,214	—	—	—	
2.	0.5—1.0	7,290	5143	—	—	28	20	7,318	5,163	—	—	—	
3.	1.0—2.0	6,076	8824	—	—	15	23	6,091	8,847	—	—	—	
4.	2.0—3.0	2,438	5,897	—	—	14	32	2,452	5,929	—	—	—	
5.	3.0—4.0	1,097	3,757	—	—	5	16	1,102	3,773	—	—	—	
6.	4.0—5.0	451	1,994	—	—	7	29	458	2,023	—	—	—	
7.	5.0—7.5	345	2,044	—	—	8	47	353	2,091	—	—	—	
8.	7.5—10.0	107	923	—	—	—	—	107	923	—	—	—	
9.	10.0—20.0	57	729	—	—	4	47	61	776	—	—	—	
10.	20.0—30.0	10	232	—	—	1	20	11	252	—	—	—	
11.	30.0—40.0	1	34	—	—	—	—	1	34	—	—	—	
12.	40.0—50.0	1	47	—	—	—	—	1	47	—	—	—	
13.	50.0—and above	2	177	—	—	—	—	2	177	—	—	—	
..	Total—H.P.	27,121	32,007	—	—	126	242	27,247	32,249	—	—	—	

AREA UNDER FOOD/NON FOOD CROPS IN  
CONDIMENTS AND

Name of Tehsil	Chillies		Ginger		Pepper	
	Current	Normal	Current	Normal	Current	Normal
	2	3	4	5	6	7
Bilaspur	3	—	88	—	—	—
Ghumarwin	2	—	2	—	—	—
Jhundu'ta	2	—	1	—	—	—
Shri Naina-Devi	1	—	1	—	—	—
<b>Total</b>	<b>8</b>	<b>11</b>	<b>92</b>	<b>65</b>	—	—
Chamba	17	—	—	—	—	—
Churah	9	—	—	—	—	—
Bhattyat	1	—	—	—	—	—
Bharmour	5	—	—	—	—	—
Pangi	—	—	—	—	—	—
<b>Total</b>	<b>32</b>	<b>37</b>	—	—	—	—
Hamirpur	—	—	—	—	—	—
Barsar	1	—	—	—	—	—
Nadaun	—	—	2	—	—	—
Bhoranj	—	—	—	—	—	—
Sujanpur	—	—	—	—	—	—
<b>Total</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>	—	—
Kangra	42	—	13	—	—	—
Baroh	—	—	—	—	—	—
Dehra	3	—	2	—	—	—
Khundia	—	—	—	—	—	—
Rakkar	—	—	—	—	—	—
Nurpur	—	—	—	—	—	—
Fatehpur	—	—	—	—	—	—
Indora	—	—	—	—	—	—
Palampur	20	—	—	—	—	—
Bajjnath	—	—	—	—	—	—
Jaisinghpur	—	—	—	—	—	—
<b>Total</b>	<b>65</b>	<b>76</b>	<b>15</b>	<b>14</b>	—	—
Nichar	3	—	—	—	—	—
Sangla	—	—	—	—	—	—
Kalpa	—	—	—	—	—	—
Moorang	—	—	—	—	—	—
Pooh	—	—	—	—	—	—
Hangrang	—	—	—	—	—	—
<b>Total</b>	<b>3</b>	—	—	—	—	—
Kullu	60	—	—	—	—	—
Banjar	51	—	—	—	—	—
Anni	4	—	—	—	—	—
Nirmand	9	—	—	—	—	—
<b>Total</b>	<b>124</b>	<b>117</b>	—	—	—	—
Udaipur	—	—	—	—	—	—
Lahual	—	—	—	—	—	—
Spiti	—	—	—	—	—	—
<b>Total</b>	—	—	—	—	—	—

## SPICES

	Turmeric		Other condiments and spices		Total Condiments and spices	
	Current	Normal	Current	Normal	Current	Normal
	8	9	10	11	12	13
	1	—	10	—	102	—
	7	—	9	—	20	—
	4	—	2	—	9	—
	3	—	3	—	8	—
	<b>15</b>	<b>13</b>	<b>24</b>	<b>44</b>	<b>139</b>	<b>133</b>
	—	—	9	—	26	—
	—	—	2	—	11	—
	—	—	10	—	11	—
	—	—	—	—	5	—
	—	—	21	41	53	78
	6	—	—	—	6	—
	5	—	2	—	8	—
	5	—	5	—	12	—
	1	—	1	—	2	—
	<b>17</b>	<b>22</b>	<b>8</b>	<b>5</b>	<b>28</b>	<b>29</b>
	1	—	3	—	58	—
	1	—	—	—	6	—
	1	—	—	—	1	—
	2	—	—	—	2	—
	—	—	—	—	21	—
	—	—	1	—	—	—
	<b>5</b>	<b>14</b>	<b>3</b>	<b>27</b>	<b>88</b>	<b>131</b>
	—	—	—	—	3	—
	—	—	2	—	2	—
	—	—	1	—	1	—
	—	—	—	—	—	—
	—	—	3	1	6	1
	—	—	32	—	92	—
	—	—	2	—	53	—
	—	—	—	—	4	—
	—	—	4	—	13	—
	—	—	38	65	162	128
	—	—	—	—	—	—
	—	—	—	—	—	—
	—	—	—	—	—	—

Name of Tehsil	Total food crops		Desi		American	
	C.	N.	C.	N.	C.	N.
	14	15	16	17	18	19
Bilaspur	13,993	—	—	—	10	—
Ghumarwin	27,717	—	—	—	9	—
Jhundutta	7,417	—	—	—	10	—
Shri Naina-Devi	6,809	—	—	—	12	—
Total	55,936	57,885	—	39	41	7
Chamba	18,244	—	—	—	—	—
Churah	16,625	—	—	—	—	—
Bhatiyat	18,169	—	—	—	—	—
Bharmour	5,309	—	—	—	—	—
Pangi	2,153	—	—	—	—	—
Total	60,500	61,092	—	—	—	—
Hamirpur	19,242	—	—	—	—	—
Barsar	15,562	—	8	—	—	—
Nadaun	15,747	—	—	—	—	—
Bhoranj	16,243	—	—	—	—	—
Sujanpur	7,715	—	—	—	—	—
Total	74,509	72,637	8	17	—	—
Kangra	35,200	—	—	—	—	—
Baroh	4,494	—	—	—	—	—
Dehra	32,688	—	1	—	1	—
Khundia	7,614	—	6	—	2	—
Rakkar	4,840	—	4	—	—	—
Nurpur	37,496	—	—	—	34	—
Fatehpur	15,065	—	14	—	—	—
Indora	16,405	—	—	—	17	—
Palampur	26,777	—	—	—	—	—
Baijnath	7,855	—	—	—	—	—
Jaisinghpur	11,632	—	—	—	—	—
Total	2,00,066	1,90,639	25	67	54	82
Nichar	3,688	—	—	—	—	—
Sangla	1,582	—	—	—	—	—
Kalpa	2,000	—	—	—	—	—
Moorang	1,461	—	—	—	—	—
Pooh	824	—	—	—	—	—
Hangrang	389	—	—	—	—	—
Total	9,844	10,291	—	—	—	—
Kullu	28,048	—	—	—	—	—
Banjar	10,044	—	—	—	—	—
Anni	8,477	—	—	—	—	—
Nirmand	9,523	—	—	—	—	—
Total	56,092	53,970	—	—	—	—
Udaipur	769	—	—	—	—	—
Lahaul	1,209	—	—	—	—	—
Spiti	1,056	—	—	—	—	—
Total	3,034	2,857	—	—	—	—

Total	(Non-Food-Crops Cotton)				Fibers	
	Sanhemp		Cotton		Other fibres	
	Current	Normal	Current	Normal	Current	Normal
20	21	22	23	24	18	
10	—	8	—	—	—	
9	—	—	—	—	—	
10	—	—	—	—	—	
12	—	1	—	—	—	
41	46	9	7	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	
8	—	—	—	—	—	
—	—	1	—	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	
8	17	1	2	—	—	
—	—	1	—	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	
2	—	47	—	—	—	
8	—	4	—	—	—	
4	—	—	—	—	—	
34	—	33	—	—	—	
14	—	22	—	—	—	
17	—	5	—	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	
79	149	112	76	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	33	—	—	—	
—	—	41	—	—	—	
—	—	10	—	—	—	
—	—	14	—	—	—	
—	—	—	—	—	—	
—	—	98	79	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	
—	—	—	—	—	—	



I	2	3	4	5	6	7
Joginder Nagar	26	—	1	—	—	—
Bharol	3	—	—	—	—	—
Sarkaghat	—	—	—	—	—	—
Baldwara	—	—	3	—	—	—
Sandhol	—	—	—	—	—	—
Sadar	25	—	—	—	—	—
Chachiot	9	—	—	—	—	—
Baldwara	10	—	—	—	—	—
Thunag	3	—	—	—	—	—
Sundernager	1	—	1	—	—	—
Karsog	40	—	—	—	—	—
<b>Total</b>	<b>117</b>	<b>146</b>	<b>5</b>	<b>5</b>	<b>—</b>	<b>—</b>
Rampur	—	—	—	—	—	—
Nankhari	—	—	—	—	—	—
Rohru	—	—	—	—	—	—
Chirgaon	1	—	—	—	—	—
Dodrakwar	—	—	—	—	—	—
Jubbai	—	—	—	—	—	—
Chopal	24	—	—	—	—	—
Kupvi	20	—	—	—	—	—
Theog	93	—	—	—	—	—
Shimla	22	—	129	—	—	—
Suni	43	—	9	—	—	—
Kumarsain	17	—	1	—	—	—
Kotkhai	—	—	—	—	—	—
<b>Total</b>	<b>220</b>	<b>190</b>	<b>139</b>	<b>104</b>	<b>—</b>	<b>—</b>
Nahan	6	—	43	—	—	—
Poanta	1	—	133	—	—	—
Renuka	51	—	546	—	—	—
Pachhad	5	—	227	—	—	—
Rajgarh	83	—	121	—	—	—
Shillai	94	—	264	—	—	—
Kamrau	21	—	214	—	—	—
Dadahu	—	—	94	—	—	—
<b>Total</b>	<b>261</b>	<b>272</b>	<b>1,642</b>	<b>1,488</b>	<b>—</b>	<b>—</b>
Ramshahar	1	—	8	—	—	—
Nalagarh	2	—	—	—	—	—
Kasauli	6	—	191	—	—	—
Solan	8	—	56	—	—	—
Kandaghat	—	—	52	—	—	—
Arki	—	—	29	—	—	—
<b>Total</b>	<b>17</b>	<b>7</b>	<b>336</b>	<b>246</b>	<b>—</b>	<b>—</b>
Una	7	—	—	—	—	—
Amb	3	—	—	—	—	—
Bangana	1	—	—	—	—	—
Haroli	1	—	—	—	—	—
<b>Total</b>	<b>12</b>	<b>9</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
<b>H. P. State</b>	<b>860</b>	<b>866</b>	<b>2,231</b>	<b>1,923</b>	<b>—</b>	<b>—</b>

8	9	10	11	12	13
4	—	4	—	35	—
—	—	2	—	5	—
—	—	—	—	—	—
—	—	—	—	3	—
—	—	—	—	—	—
—	—	2	—	27	—
—	—	—	—	9	—
—	—	2	—	12	—
—	—	—	—	3	—
—	—	3	—	5	—
—	—	3	—	43	—
<b>4</b>	<b>2</b>	<b>16</b>	<b>53</b>	<b>142</b>	<b>206</b>
<b>1</b>	<b>—</b>	<b>1</b>	<b>—</b>	<b>2</b>	<b>—</b>
—	—	—	—	—	—
—	—	17	—	17	—
—	—	2	—	3	—
—	—	—	—	—	—
—	—	1	—	1	—
—	—	1	—	25	—
—	—	—	—	20	—
—	—	36	—	129	—
7	—	8	—	166	—
1	—	—	—	53	—
—	—	—	—	18	—
—	—	3	—	3	—
<b>9</b>	<b>2</b>	<b>69</b>	<b>114</b>	<b>437</b>	<b>410</b>
—	—	—	—	—	—
—	—	1	—	50	—
—	—	27	—	161	—
—	—	29	—	626	—
—	—	36	—	268	—
—	—	44	—	248	—
4	—	3	—	365	—
—	—	8	—	243	—
—	—	—	—	94	—
<b>4</b>	<b>3</b>	<b>148</b>	<b>486</b>	<b>2,055</b>	<b>2,249</b>
—	—	—	—	—	—
—	—	—	—	9	—
—	—	11	—	13	—
—	—	—	—	197	—
—	—	—	—	64	—
—	—	2	—	54	—
—	—	1	—	30	—
—	—	—	—	—	—
—	—	14	71	367	324
—	—	—	—	—	—
—	—	6	—	13	—
2	—	1	—	6	—
3	—	1	—	5	—
—	—	2	—	3	—
<b>5</b>	<b>3</b>	<b>10</b>	<b>6</b>	<b>27</b>	<b>18</b>
<b>59</b>	<b>59</b>	<b>354</b>	<b>913</b>	<b>3,504</b>	<b>3,761</b>



TABLE

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

District	Live					
	Cattle					
	Males over 3 years		Females over 3 years		Young stock	Total cattle
	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	21,73,603

District	Live			
	Total Bovine			
	Total Sheep	Total Goat	Total Yaks	
	14	15	16	17
Bilaspur	1,41,502	34,154	60,893	—
Chamba	2,82,019	2,69,923	1,73,169	164
Hamirpur	1,50,775	58,877	39,350	—
Kangra	5,57,450	90,833	1,48,425	—
Kinnaur	23,298	47,168	20,148	611
Kullu	1,55,321	1,11,719	63,042	—
Lahaul-Spiti	10,019	43,233	11,422	2,131
Mandi	4,83,228	1,94,021	1,81,796	—
Shimla	3,55,244	1,64,958	1,04,011	2
Sirmaur	2,58,577	38,832	1,08,462	—
Solan	3,14,937	25,429	74,825	—
Una	1,61,203	11,175	66,309	—
State Total	23,93,573	10,90,322	10,59,862	2,908

## NB/AVC

Implementation of District of Himachal Pradesh (State) in 1985-86  
Census in 1977

stock	Buffaloes					
	Males over 3 years		Females over 3 years		Young stock	Total buffaloes
	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
	596	84	24,662	26,780	23,010	75,132
	381	335	11,656	13,571	8,815	34,718
	272	26	36,457	22,568	21,005	80,328
	1,122	6,168	42,896	39,064	49,078	1,38,328
	38	24	1	3	1	8
	—	—	639	576	619	1,896
	1,040	207	29,869	35,967	22,803	89,886
	299	76	8,896	5,452	3,866	18,589
	392	91	12,223	8,372	13,359	34,437
	600	40	22,608	21,686	19,407	64,341
	444	576	30,835	18,854	28,046	78,755
	5,184	7,627	2,20,742	1,92,853	1,90,009	6,16,415

## stock—contd.

stock	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
		71	48	22	141	240	99	51
	552	283	103	938	775	142	—	183
	230	179	60	469	391	170	—	204
	2,781	2,710	1,479	6,970	3,080	264	216	2,196
	188	424	172	784	376	2,089	—	6
	432	483	400	1,315	531	320	—	76
	453	399	58	910	357	2,082	—	—
	892	747	323	1,962	1,545	162	—	379
	816	173	85	1,074	3,011	331	—	2,066
	493	360	148	1,001	1,348	114	94	1,828
	227	194	33	454	831	464	188	575
	256	265	131	652	194	376	165	92
	7,391	6,265	3,014	16,670	12,679	6,613	714	8,107

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

District	Live stock				
	Poultry				Total Poultry
	Total livestock	Fowls (Hens, Cocks and Chickens)	Ducks (Ducks, Dracks and Darklings)	Others	
1	26	27	28	29	30
Bilaspur ..	2,37,582	32,797	—	—	32,804
Chamba ..	3,27,149	46,833	5	—	46,838
Hamirpur ..	2,50,226	24,982	51	4	25,037
Kangra ..	8,09,434	1,34,867	21	—	1,34,888
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.

*Implement in each District of Himachal Pradesh (State) in 1985-86—concl.*

Census in 1977

concl.

Agricultural Machinery and Implements						
Plough (wooden and iron)	Carts	Sugarcane Crusher	Tractor	Oil Engines	Electric Pump	Ghanis
31	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	933	1,177	585	—