

PREFACE

The present issue of State Annual Season & Crop Report for the year 1982-83 attempts to highlight the main agricultural statistics of Himachal Pradesh and contains detailed information on season-wise (Winter, Pre-monsoon, Monsoon and Post-monsoon) rainfall, land utilization, area irrigated by different sources, crop-wise area irrigated, cropping pattern, the rate of productivity per hectare of each crop, total production of all major crops, the farm harvest prices, agricultural wages and district-wise quinquennial live-stock data etc. The district-wise and state data available in this report will help to formulate the rural plans.

I would like to place on record my feeling of satisfaction of the work done by the Deputy Commissioners Sub-Divisional Officers (Civil), Tehsildars, Naib-Tehsildars and the whole of the Revenue Field Agency associated with this work. My appreciation is also due to the Statistical Assistants posted in the Deputy Commissioner's offices, who are directly associated with this work and have taken the responsibility of preparing the district reports in time. Special mention need be made for the valuable guidelines provided by Shri R.L. Seth, Joint Director of Land Records, Himachal Pradesh.

At the headquarter, the report was compiled by Shri Ram Rattan Gupta, Statistical Assistant. The presentation of report in more analytic and comprehensive form is owing to the painstaking efforts of Shri Birpal Singh, Director of Agricultural Census, who is also the over all incharge of Statistical Cell of this Directorate.

It is hoped that this publication would be of immense use to the Government Departments, Planners and Research Workers.

SHIMLA: 171 002
Date. April 26, 1985

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Year 1982-83

1. Total area	By Surveyer General of India.	55, 673 sq. km.
	By village papers area.	31,134 sq. km.
2. Forests		8,03,616 hectare
3. Total cropped area		9,57,862 hectare
4. Net area sown		5,71,408 hectare
5. Gross irrigated area		1,59, 053
6. Percentage to the gross cropped area.		16.6
7. Net area irrigated		92,585 hectare
8. Percentage to net area sown		16.2
9. Intensity of cropping		167.6 per cent
10. Total outturn of food crops		10,24,830 M.T.
11. Total outturn of non-food crops.		5,220 M.T.
12. Total population 1981 Census		

Total Rural Urban

Persons	42,80,818	39,54,847	3,25,971
Males	21,69,931	19,88,331	1,81,600
Females	21,10,887	19,66,516	1,44,371

13. Density of population per sq. km. (1981)	77
14. Decennial growth rate (1971-81)	+23.71 per cent
15. Sex ratios (Number females per one thousand males)	973
16. Birth Rate per '000. 1981	31.5
17. Death Rate per '000 1981	10.4
18. Number of households	7,83,974
19. Literacy rate	42.48
20. Percentage of Rural population	92.39 per cent.
21. Percentage to total population :	
(i) Main workers	34.36
(ii) Non-workers	57.63
22. Percentage of scheduled caste	24.62
23. Percentage of scheduled Tribes	4.61
24. Number of Districts	12
25. Number of Sub-Divisions	41
26. Number of Tehsils	57
27. Number of Patwar Circles	1906
28. Number of villages (1981 Census) :	
Total	18,721
Inhabited	16,807
Uninhabited	1,914
29. Total Livestock population	49,88,540

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30. Total poultry	4,61,285
31. Plough (Wooden & Steel)	6.24 lakhs
32. Total number of operational holdings (Agricultural Census-1980-81)	6,38,081
33. Total area of operational holdings (Agricultural Census 1980-81)	9,80,425 hectare
34. Average size of holdings	1.05 hectare
35. Marginal Farmers (below 1.0 ha.)	55.2 per cent.
36. Small farmers (1.0—2.0 ha)	22.0 per cent.
37. Semi-medium farmers (2.0—4.0) ha.	15.1 per cent.
38. Medium (4.0-10.0 ha).	6.6 per cent
39. Large (10.0 & above)	1.1 per cent
40. Average number of parcels per holdings input Survey 1981-82)	5.89
41. Average area per parcel (input Survey 1981-82)	0.26 ha.

ANNUAL SEASON AND CROP REPORT 1982-83

Annual season and Crop Report 1982-83 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, source-wise net irrigated area, crop-wise gross irrigated area, detailed break-up of cropping pattern & production, followed by a brief survey on prevailing farm-harvest prices and agricultural wages. The report commences with summary tables of the afore said statistics for the preceding four years, with the current year i.e. 1982-83 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.

The various tables of the report have been indicated in Roman numerals whereas those of the explanatory have been indicated in natural numbers.

Physical Features:

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

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Mangal, Ratesh, Rawingarh, Sangri, Sirmaur, Suket, Tharoch, and Theog. At that time the State had four districts viz. Chamba, Mahasu, Mandi and Sirmaur and its area was 27,16,850 hectares. In 1954, the neighbouring 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-Spiti and Shimla, Nalagarh Tehsil of Ambala district, some parts of Una tehsil of Hoshiarpur district and Dalhousie of Gurdaspur district were merged into this Pradesh, thereby increasing its area by nearly 100 per cent. On 25th January, 1971, this Pradesh was given the status of full-fledged State. On 1st September, 1972 two more districts viz. Hamirpur and Una were created out of Kangra district and Solan was also named as a district, dropping Mahasu district. Thus, at present, this full-fledged State of Himachal Pradesh comprises 12 districts viz. Bilaspur, Chamba, Hamirpur, Mandi, Kangra, Kinnaur, Kullu, Lahaul-Spiti, Shimla, Sirmaur, Solan and Una. The districts are further divided into two divisions, 41 sub-divisions and sub-divisions into 57 tehsils and 25 sub-tehsils with an area of 55,673 square kilometres. The State headquarters are located at Shimla, the queen of hills.

Climatic and Agro-Climatic Zones :

Himachal Pradesh, as its name suggests, lies in the lap of the Himalayas. Its climate, flora and fauna, the life and outlook of the people are largely conditioned by that one single factor called Nature, rugged beauty here. Rolling hills for miles and miles, interspersed with tinkling mountain streams; in season, flowers abound, and winter brings its snows, turning the entire landscape into one stretch of shimmering white; the rivers abound in fish, lakes provide boating and fishing; and the forests harbour wild life of a large variety ibex, that scrow, ghoral bear and in certain area, snow-leopard.

Five rivers flow through this Hill State viz. Beas in Kullu, Mandi and Kangra; Satluj in Kinnaur, Shimla and Bilaspur, Ravi in Chamba; Yamuna has its tributaries in Shimla and Sirmaur and flows along the borders of Sirmaur and, finally, chenab flows through Lahaul-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 metres high and the northern most, the Pirpanjal ranges, soar up to 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 the 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 2,000 metres and are suitable for horticulture.
- (iii) High Hills.—These areas lie between 2000 and 3500 metres and are sparsely populated. They are good for raising forests.

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(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 1982 with corresponding rainfall for each month. The table simultaneously reveals the season-wise rainfall aggregates with corresponding rainfall exhibited to 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 & adequate germination of crops is the timelines & 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 39 percent of the total cropped area having failed in the current year.

Classification of Area—land Utilisation:

The total geographical area, according to surveyor general of India, is 55,67,300 hectares i.e. 55,673 sq. km. In comparison to the geographical area, the total cadastrally surveyed area in the State during the year under review came to 31,13,429 hectares, revealing thereby that the remaining deficit of 24,53,171 hectares is unsurveyed and hence does not appear on revenue records of the village functionaries. The magnitude of such area in the aforesaid year is 44 per cent of the total geographical area. Although the *ad hoc* estimates of such areas are available, yet, in actuality, this difference in area would be wiped out only as and when settlement operations are extended to such areas with the consequent effect of such areas being brought on revenue records.

The reporting area or cadastrally surveyed area is the summation of nine-fold land use. The land-use classification for the current year *vis-a-vis* the preceding year 1981-82 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 land and 'Net area sown' together account for nearly 89 per cent of the total reporting area leaving the remaining 11 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 one maintained by the Forest Department. In fact, the land-use classification being followed by this Department overlaps with the definition of forests being followed by the Department of Forests.

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TABLE—I: CLASSIFICATION OF REPORTING AREAS FOR THE YEARS 1981-82 AND 1982-83 (In '000 HECTARES)

S.No	Category	1981-82		1982-83	
		Area in hectares	Percentage to total reporting Area	Area in hectares	Percentage to total reporting Area
1	2	3	4	5	6
1.	Forest	811	26	809	26
2.	Barren and unculturable land	142	5	144	5
3.	Land put to non-agricultural uses	119	4	163	5
4.	Culturable Waste	241	8	239	8
5.	Permanent pastures and other grazing land.	1105	36	1089	35
6.	Misc. tree crops and groves not included in net area sown	41	1	41	1
7.	Current fallows	44	1	43	1
8.	Other Fallow lands	13	—	14	—
9.	Net area sown	573	19	571	19
10.	Total reporting area	3089	100	3113	100
11.	Gross area sown	949	31	958	31
12.	Area sown more than once	376	12	386	12

The comment on nine fold classification alongwith their definitions are as follow :—

Forests :

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

The area under this category during the year under review has dropped by 2,195 hectares as compared to the last year which was generally owing to grant of nautors.

Barren & unculturable land ;

This includes all barren & unculturable land like mountains, deserts, etc. land which cannot be brought under cultivation except at an exorbitant cost would be classed as unculturable whether such land is in isolated blocks or within cultivated holdings.

This accounts only 5 per cent of the total reporting area during the year 1982-83. This showed a slight increase of 1155 hectares over the preceding year.

Land put to non-Agricultural uses:

This includes all lands occupied by buildings, 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 5 per cent of the total reporting area.

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

Culturable Wastes :

This comprises all lands available for cultivation, whether not taken up for cultivation or taken up for cultivation once but not cultivated during the current year and the last five years more in succession for one reason or the other. Such lands may be either fallow or covered with shrubs and jungles, which are not put to any use. They may be assessed or unassessed 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 8 per cent of the total reporting area. The drop in area as compared to the last year 1981-82 was very nominal and calls for no comments.

Permanent pasture and other grazing lands:

This includes all grazing lands whether those are permanent pastures/meadows or not. Villages common grazing land within forest areas shall be included under this heading. The land under this category forms 35 per cent of the total reporting area. The decline of area under this category during the year 1982-83 as compared to the last year, is one percent and was attributable to the grant of nautor from under this category.

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 undercas urina trees, thatching grasses, bamboo bushes and other groves for fuel etc. which are not included under orchards, are classed under this category.

This category of land forms barely one per cent of the total reporting area and increase under this category by 292 hactares was very nominal and calls for no cemments.

Current Fallows:

This represents cropped areas which is kept fallow during the current year. The land under this category also forms one per cent of the total reporting area. The variation under this category of land was often on

account of rotation of crops and does not need any explanation.

Fallow lands 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 but not more than five years. The reasons for keeping such lands fallow may be (i) poverty of the cultivators (ii) inadequacy of irrigation facilities, (iii) silting of canals and rivers and (iv) unremunerative nature of farming.

The area under this category was first 13,940 hectares and exceeded the previous year's figure by just 776 hectares. This was nominal and calls for no comments.

Net Area sown:

This represents the total area sown to crops and orchards, counting area sown more than once in the same year only once. The area under this category during the year 1982-83 constituted 19 per cent of the total reporting area and was almost stationary as compared to the last year.

Area sown more than once:

This represents the areas on which crops are raised more than once during the agricultural year. This is obtained by deducting the 'Net area sown' from total cropped Area. The total cropped area during the year 1982-83 is 3,86,454 and was higher by the last year's figure by 10,224 hectares. This was owing to the higher intensity of cropping during the year under review.

Total cropped area:

This represents the total area covered under crops i.e. the sum total of areas covered by all the individual crops, area sown more than once during the year being counted as separate areas for each crop. As compared to the last year, the area under this category had increased by 8,788 hectares. In absolute terms, the area stood at 9,57,862 hectares in comparison to 9,49,074 hectares of the last year.

Intensity of cropping:

The land form of the State being predominantly hilly and mountainous, there is not much scope for extensive cultivation. Thus, the only recourse to raise more production is more intensive use of the cultivable area, coupled with of course, the better agronomical methods. The intensity of cropping district-wise is as given in Table-2.

TABLE-2 INTENSITY OF CROPPING IN EACH DISTRICT
OF HIMACHAL PRADESH YEAR 1982-83

S.No.	Name of District	Net Area sown	Total Cropped Area	Intensity of Cropping
1	2	3	4	5
1.	Bilaspur	31,171	59,584	191.1
2.	Chamba	42,137	63,617	150.9
3.	Hamirpur	38,996	76,338	195.7
4.	Kangra	1,15,454	2,02,086	175.0
5.	Kinnaur	8,015	10,313	128.7
6.	Kullu	35,171	55,445	157.6
7.	Lahaul Spiti	3,090	3,200	103.4
8.	Mandi	92,721	1,58,190	170.6
9.	Shimla	72,473	1,10,474	152.4
10.	Sirmaur	43,871	77,315	176.2
11.	Solan	45,317	65,434	144.4
12.	Una	43,022	75,866	176.3
	H.P. State	5,71,408	9,57,862	167.6

$$\text{Intensity of Cropping} = \frac{\text{Total Cropped Area}}{\text{Net Area Sown}} \times 100$$

Intensity of cropping for the State for the year under review came to 167.6 per cent though there was wide inter-district variation. The district Lahaul-Spiti though with almost cent percent assured irrigation had a low cropping intensity of 103.4 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 Bilaspur, revealing thereby that nearly 91 per cent area was double-cropped. The Table-2 would also reveal that cropping intensity was low in hilly areas as compared to the semi-hills and plain areas.

District-wise percentage distribution of Net Area Sown and area under forests

The accompanying Table-3 shows the district-wise percentage distribution of two important categories of land viz. 'Net Area Sown' and area under 'Forests.' It also shows the area under these categories in each district to the reporting area in the district.

TABLE-3 DISTRICT-WISE PERCENTAGE DISTRIBUTION OF NET AREA SOWN & AREA UNDER FOREST 1981-82 AND 1982-83

Districts	Percentage of Net Area sown in the district to the				Percentage 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	
	1981-82	1982-83	1981-82	1982-83	1981-82	1982-83	1981-82	1982-83
1	2	3	4	5	6	7	8	9
1. Bilaspur	27.4	27.0	5.5	5.5	9.9	9.9	1.4	1.4
2. Chamba	6.0	6.1	7.2	7.4	36.4	35.5	31.2	30.4
3. Hamirpur	36.1	35.6	6.9	6.8	12.8	12.8	1.7	1.7
4. Kangra	21.2	19.7	20.6	20.3	33.1	32.0	22.8	23.2
5. Kinnaur	6.9	6.8	1.4	1.4	7.1	7.0	1.0	1.0
6. Kullu	70.7	71.5	6.1	6.1	—	—	—	—
7. Lahaul-Spiti	1.6	1.6	0.6	0.5	22.3	22.3	5.4	5.4
8. Mandi	23.2	23.4	16.2	16.2	37.8	38.1	18.6	18.7
9. Shimla	24.8	24.7	12.6	12.7	16.8	17.2	6.0	6.2
10. Sirmaur	19.4	19.5	7.6	7.7	21.5	21.5	6.9	6.0
11. Solan	24.4	25.1	7.9	7.9	10.5	10.9	2.4	2.4
12. Una	27.5	27.9	7.4	7.5	18.6	18.6	3.5	3.6
H.P. State	18.5	18.4	100.08	100.0	26.2	26.0	100.0	100.0

(x)

The net area irrigated during 1982-83 was 92,585 hectares and recorded a nominal increase of 267 hectares over the preceding year's area figure of 92,318 hectares. The variation in net irrigated area was attributable to occasional defects in the kuhls which constitute the major source of irrigation in the State and accounted for 95 per cent of the total net irrigated area. These small water channels, colloquially called kuhls, are made by making notches on the river banks and water courses 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 2.6 per cent of the total irrigated area in the year under review.

The table-4 gives the source-wise break-up of the net irrigated area during 1982-83 as compared to the preceding year i.e. 1981-82.

TABLE-4. PERCENTAGE SHARE OF IRRIGATED AREA BY SOURCE

S.N.	Source	Percentage to total Net Irrigated Area.			
		1981-82		1982-83	
		Area in Hectares	Percentage	Area in Hectares	Percentage
1	2	3	4	5	6
1.	Canal	1,510	1.6	1,690	1.8
2.	Tanks	623	0.7	549	0.6
3.	Wells and Tube-well	4,207	4.6	5,982	6.5
4.	Other sources (Kuhls)	85,978	93.1	84,364	91.1
	Total	92,318	100	92,585	100

TABLE-5: AREA IRRIGATED UNDER PRINCIPAL CROPS DURING 1981-82 VIS-A-VIS 1982-83.

S.N.	Crops	Percentage of area irrigated to the Total Irrigated Area in the State.	
		1981-82	1982-83
1	2	3	4
1.	Rice		32.2
2.	Wheat		37.0
3.	Barley		3.5
4.	Maize		12.4
5.	Ragi and other millets		2.3
6.	Sugarcane		0.4
7.	Potatoes		1.7
8.	Ginger		0.6
9.	Other food crops		4.2
10.	Total Food crops		94.3
11.	Total Non-food crops		5.7
	Total Food & Non-food Crops		100.00

The decline in the productivity of wheat, rice and maize crops is owing to wide-spread effect of natural calamities during the year 1982-83 which damaged as much as 39 per cent of the total cropped area.

Production Table-V-B

Because of wide-spread effect of natural calamities during the year under review 1982-83 the output of total food crops, as compared to the preceding year, declined by 3.6 per cent. In absolute terms, it suffered a decline from 11.26 lakh M.T. to 10.85 lakh M.T.

Of the total production of foodgrains i.e. 9.90 lakh M.T. during 1982-83 the four major crops viz. rice, wheat, barley, maize together alone accounted for 97.6 per cent, thus leaving a marginal share of 2.4 per cent to all other crops. Two major kharif crops i.e. paddy and maize contributed 4.77 lakh M.T. (40.3) and the two major rabi crops of wheat and barley accounted for 4.89 lakh M.T. (49.3%).

The yield per hectare and production of all other crops excepting the afore-mentioned four major crops, is determined by traditional method which in the revenue jargon, is designated as paisawaria/anawari 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 five yearly moving average, while the condition factor denotes the condition of the current year crop with reference to the 'Normal yield' and thereby helps in determining the current yield. The production is obtained as a product of area X normal yield X condition factor. The accuracy of the production estimates depended therefore on the reliability of each of these factors. The production of four major crops is tabulated in Table-8.

TABLE-8: PRODUCTION OF FOUR MAJOR CROPS (IN LAKHS M.T.)

S.N. Crop	Total production (In lakh M.T.)			
	1981-82	1982-83		
1	2	3	4	
1. Maize	4,47,046	4,01,597		
2. Wheat	4,46,881	4,43,361		
3. Rice	93,390	75,335		
4. Barley	41,065	45,974		

The output under broad categories is hereunder :-

S.N.	Crop	Total production (In lakh M.T.)	
		1981-82	1982-83
1	2	3	4
1.	Total cereals including four major crops	10.46	9.80
2.	Total pulses	0.17	0.10

1	2	3	4
3.	Total food grains	10.63	9.90
4.	Total condiment & spices	0.08	0.06
5.	Sugarcane (In gur)	0.02	0.03
6.	potatoes	0.60	0.68
7.	Total food crops	11.26	10.24
8.	Total Non-food crops	0.07	0.05

Farm Harvest Prices—Table-VI

The table-9 gives a comparative statement of farm-harvest prices for the year 1981-82 vis a-vis 1982-83.

TABLE 9; FARM HARVEST PRICES

S.N. Crop	Price of the crop at the farm site per quintal			
	1981-82	1982-83		
1	2	3	4	
1. Rice	180.60	213.55		
2. Wheat	165.73	193.85		
3. Barley	151.34	174.30		
4. Maize	141.71	159.03		
5. Gram	360.57	378.05		
6. Sugarcane (Raw)	264.47	262.60		
7. Groundnut	397.69	456.66		
8. Rape	525.30	520.75		
9. Mustard	557.85	520.75		
10. Tobacco	507.85	329.25		

The general rise in price is in keeping with the rise in cost of cultivation caused by rise in cost of agricultural wherewithal.

Agricultural wages—Table-VII

The Table -10 compares the average prevailing wages of skilled and unskilled labour as have been observed during various centres in the districts of the state.

TABLE-10; AGRICULTURAL WAGES

S.No.	Category of labour	Daily wages (In Rupees)	
		1981-82	1982-83
1	2	3	4
1.	Carpenters	16.76	20.08
2.	Blacksmiths	15.30	18.64

1	2	3	4
3. Cobblers		13.97	16.04
4. Field Labour		8.99	11.19
5. Other Agricultural Labour		8.26	10.82
6. Herdsmen		7.56	9.20

State Livestock—Table-VIII:

The table-11 gives the comparative results of the 12th and 13th State livestock census held in 1977 and 1982 respectively.

TABLE-11—LIVESTOCK IN HIMACHAL PRADESH

S.No.	Classification	Livestock (In lakhs)		
		1977	1982	Percentage difference
1	2	3	4	5
1.	Total Cattle	21,06,220	21,73,663	+3.20
2.	Buffaloes	5,60,006	6,16,415	+10.07
3.	Sheep	10,55,005	10,90,322	+3.35
4.	Total Goats	10,35,337	10,59,860	+2.37
5.	Horses & Ponies	14,858	16,670	+12.20
6.	Others (Camels, Yaks, mules, etc.)	23,801	31,610	+32.8
7.	Total livestock	47,95,226	49,88,540	+4.03
8.	Total Poultry	3,29,561	4,61,285	+39.37

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

District-wise villages:

The district-wise break-up of inhabited and uninhabited villages, as per 1981-Census, is tabulated below.

S. No.	District	Number of villages		
		Inhabited	Un-inhabited	Total
1	2	3	4	5
1.	Bilaspur	942	74	1,016
2.	Chamba	1,098	482	1,580
3.	Hamirpur	1,621	31	1,652

1	2	3	4	5
4.	Kangra	3,753	319	4072
5.	Kinnaur	77	—	77
6.	Kullu	169	—	169
7.	Lahaul-Spiti	239	98	337
8.	Mandi	2,806	540	3346
9.	Shimla	2,225	184	2409
10.	Sirmaur	967	1	968
11.	Solan	2,358	143	2501
12.	Una	552	42	594
Total		16,807	1,914	18721

In Retrospect:

As the report unfolds itself, it will be seen that though the total cropped area recorded an increase from 9.49 lakh hectare in 1981-82 to 9.58 lakh hectares in 1982-83 yet the production suffered a decline from 11.26 lakh M.T. (Total food crops) to 10.24 lakhs M.T. This sudden drop in output is attributable to the wide-ranging natural calamities that swept the state during the year under review as would be evident from the fact that of the total cropped area of 9.58 lakh hectares, the damaged area came to the tune of 3.74 lakh hectares, which in percentage terms came to 39 per cent.

SUMMARY TABLES

A—Classification of Area

(In hectares)

Heads of classification 1	1978-79		1979-80		1980-81	
	Area 2	% of total 3	Area 4	% of total 5	Area 6	% of Total 7
Total Geographical Area :						
By Professional Survey ..	55,67,300	100	55,67,300	100	55,67,300	100
Reporting area for Land Utilisation purposes (By Village Papers) ..	30,02,099	54	29,86,896	54	29,85,234	54
Classifications :						
Forests ..	7,04,660	23	8,35,803	23	8,06,818	27
Barren and unculturable land ..	1,56,567	5	1,55,555	5	1,41,370	5
Land put to non-agricultural uses ..	1,97,698	7	1,88,574	7	1,61,849	5
Culturable waste ..	1,35,991	5	1,24,245	5	2,37,719	8
Permanent pastures and other grazing lands ..	11,45,899	38	10,20,444	38	9,85,866	33
Land under Misc. tree crops and groves not included in area sown ..	46,945	1	41,559	1	39,476	1
Current fallows ..	49,525	2	44,390	2	41,359	1
Other fallow land ..	4,087	—	4,233	—	12,612	1
Net area sown ..	5,60,827	19	5,72,093	19	5,72,165	19
Area sown more than once ..	3,73,825	—	3,70,785	—	3,74,249	—
Total cropped area ..	9,34,652	—	9,42,848	—	9,46,414	—

(In hectares)

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

SUMMARY TABLES—contd.

B—Sources of Water Supply and Area Irrigated therefrom
(In hectares)

	1978-79	1979-80	1980-81	1981-82	1982-83
1	2	3	4	5	6
(i) Specification of Sources :					
Private canals—					
Number ..	—	—	—	—	—
Length in kilometre ..	—	—	—	—	—
Government canals—					
Number ..	1	1	1	1	1
Length in kilometre ..	10	10	10	10	10
Tubewells—					
Government ..	70	70	70	116	134
Private ..	476	476	476	791	985
Total ..	546	546	546	907	1,119
No. of other Government wells used for irrigation purposes only—					
Masonry ..	—	—	—	—	—
Non-masonry ..	—	—	—	—	—
No. of other private wells used for irrigation purposes only—					
Masonry ..	4,275	4,275	4,275	4,275	4,275
Non-Masonry ..	80	80	80	80	80
No. of total wells in use for irrigation purposes ..	4,355	4,355	4,355	4,355	4,355
No. of wells used for domestic purposes only ..	—	—	—	—	—
No. of wells not in use ..	—	—	—	69	69
No. of reservoirs ..					
No. of Tanks—					
With Ayacut 100 hectares or more ..	—	—	—	23	23
With Ayacut less than 100 hectares ..	127	127	127	265	365
Total ..	127	127	127	288	388
No. of oil engines ..	149	149	149	524	1,177
(ii) Net Area irrigated by—					
Government canals ..	1,143	1,101	1,469	1,510	1,690
Private canals ..	—	—	—	—	—
Tanks ..	287	280	331	623	549
Wells ..	2,046	3,443	2,428	4,207	5,982
Other sources ..	85,507	85,750	87,590	85,978	84,364
Total ..	88,983	90,574	91,818	92,318	92,585

SUMMARY TABLES—contd.

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

	1978-79	1979-80	1980-81	1981-82	1982-83
1	2	3	4	5	6
(In hectares)					
Percent of net area irrigated to net area sown ..	17%	17%	17%	16%	16%
Area irrigated more than once in the same year (in hectares) ..	65,731	66,211	64,050	68,689	66,468
Total gross area of crops irrigated (in hectares) ..	1,54,714	1,56,785	1,55,868	1,61,007	1,59,053
Percentage of total irrigated area to total sown area ..	17%	16%	16%	17%	17%
Number of wells having independent ayacuts ..	—	—	—	—	—
Number of wells supplementary recognised sources of irrigation ..	—	—	—	—	—
Percentage of area irrigated by wells having independent ayacuts to the total area irrigated ..	—	—	—	—	—

SUMMARY TABLES—contd.

C—Area of Crops Irrigated

(In hectares)

Crops 1	1978-79 2	1979-80 3	1980-81 4	1981-82 5	1982-83 6
(i) Food Crops:					
Rice—	—	—	—	—	—
Autumn	—	—	—	—	—
Winter	—	—	—	—	—
Summer	52,664	51,001	50,525	51,901	49,100
Total	52,664	51,001	50,525	51,901	49,100
Wheat	55,374	59,725	56,700	59,560	61,436
Jowar—	—	—	—	—	—
Rabi	76	6	—	—	74
Kharif	—	—	—	—	—
Total	76	6	—	—	74
Bajra	2	22	5	16	12
Barley	5,312	5,557	5,522	57,09	5,430
Maize	16,458	17,270	17,470	19,968	19,058
Ragi	546	482	467	401	383
Italian millets	—	—	8	—	—
Kodo	—	9	1	1	—
Common millets	3,574	2,949	1,160	3,327	2,703
Total cereals	1,35,154	1,37,021	1,31,858	1,40,833	1,38,196
Gram	837	806	505	415	208
Green gram	70	34	3	44	426
Horse gram and other pulses	37	574	83	141	100
Masur	204	213	268	194	292
Total Pulses	1,148	1,627	859	794	1,026
Total foodgrains	1,35,154	1,38,648	1,32,717	1,41,677	1,39,222
Sugarcane	626	640	581	592	738
Potatoes	2,900	2,982	2,969	2,804	2,476
Misc. food crops	5,630	6,839	8,180	5,545	5,915
Condiment and Spices	—	—	—	—	—
Chillies	264	237	281	171	235
Ginger	1,122	1,051	974	912	888
Others	146	146	150	137	106
Turmeric	9	13	16	15	6
Total condiment and spices	1,541	1,447	1,421	1,235	1,235
Total food crops	1,45,851	1,50,556	1,45,868	1,51,853	1,49,586
(ii) Non-Food Crops:					
Cotton—	—	—	—	—	—
Desi	140	80	99	83	166
American	2	4	2	7	1
Total	142	84	101	90	167

SUMMARY TABLES—contd.

C—Area of Crops Irrigated—concl'd.

(In hectares)

Crops 1	1978-79 2	1979-80 3	1980-81 4	1981-82 5	1982-83 6
Jute	—	—	—	—	—
Hemp	—	—	—	18	9
Groundnut	7	22	29	78	71
Coconut	—	—	—	—	—
Sesamum	87	41	99	205	193
Rape	36	55	38	68	116
Mustard	281	153	345	361	386
Linseed	5,324	2,255	4,721	5,090	4,774
Castor	—	—	—	6	—
Indigo	—	—	—	—	—
Rubber	—	—	—	—	—
Tobacco	142	148	181	70	47
Coffee	—	—	—	—	—
Tea	1,002	1,002	2,468	1,308	1,328
Indian Hemp	—	15	1	—	—
Opium	—	—	1	—	—
Cardamoms	—	—	—	—	—
Fodder crops	2,703	2,454	1,975	1,783	2,285
Misc. non-food crops	60	—	18	77	91
Total non-food crops	9,784	6,229	10,000	9,154	9,467
Total irrigated crops	1,55,635	1,56,785	1,55,868	1,61,007	1,59,053

SUMMARY TABLES—contd.

D—Area under all Crops

(In hectares)

Crops 1	1978-79 2	1979-80 3	1980-81 4	1981-82 5	1982-83 6
Paddy Rice—					
Autumn	—	—	—	—	—
Winter	—	—	—	—	—
Summer	95,201	92,822	93,310	91,278	90,531
Total ..	95,201	92,822	93,310	91,278	90,531
Wheat	3,33,441	3,47,693	3,50,789	3,65,655	3,75,906
Jowar—					
Rabi	—	—	—	—	—
Kharif	1,461	629	—	55	1,216
Total ..	1,461	629	—	55	1,216
Bajra	53	49	95	84	63
Barley	37,209	35,494	36,593	35,889	37,742
Maize	2,70,429	2,81,315	2,85,900	2,77,886	2,88,283
Ragi	11,131	13,419	11,981	9,845	8,653
Italian millets	—	824	795	—	—
Kodo	—	1,629	14	—	—
Common millets	25,290	20,898	21,588	24,198	22,621
Other Cereals—					
Kharif	—	—	—	—	—
Rabi	—	—	—	—	—
Total ..	—	—	—	—	—
Total cereals ..	7,74,215	7,94,772	8,01,065	8,04,880	8,25,024
Gram	35,884	19,709	16,127	10,153	9,942
Green gram	178	42	51	62	145
Red gram	669	436	756	570	31
Black gram	28,250	23,955	23,556	22,605	23,092
Horse gram	6,961	8,312	7,627	7,588	7,642
Masur	2,915	1,951	2,158	2,284	2,557
Other pulses—					
Kharif	6,025	7,928	3,330	8,557	3,691
Rabi	921	2,045	1,979	2,838	1,849
Total ..	6,946	9,968	5,309	11,395	5,540
Total pulses ..	78,802	64,373	55,584	54,657	42,949
Total Foodgrains	8,53,017	8,59,145	8,56,649	8,59,547	8,67,973
Sugar crops—					
Sugar cane	3,785	3,173	3,114	2,885	3,316
Other sugar crops	—	—	—	—	—
Total ..	3,785	3,173	3,114	2,885	3,316

SUMMARY TABLES—contd.

D—Area under all Crops—contd.

(In hectares)

Crops 1	1978-79 2	1979-80 3	1980-81 4	1981-82 5	1982-83 6
Fresh Fruits—					
Apples	16,724	19,931	20,306	17,277	19,969
Grapes	91	3	14	18	202
Bananas	3	79	90	122	472
Citrus fruits	61	39	240	104	86
Mangoes	368	1,405	795	361	194
Peaches and pears	238	172	1,226	509	151
Other fresh fruits	2,853	1,866	1,948	5,878	7,407
Total fresh fruits	20,338	23,495	24,619	24,269	28,481
Dry fruits—					
Cashew nuts	—	—	—	—	—
Other dry fruits	199	203	223	295	285
Total dry fruits	199	203	223	295	285
Vegetables—					
Potatoes	14,213	15,556	16,755	15,243	13,322
Tapioca	—	—	—	—	—
Sweet potatoes	478	584	352	352	232
Onions	668	741	745	772	634
Others—					
Winter	1,345	1,464	1,686	1,121	3,112
Summer	3,615	3,500	3,890	4,662	3,931
Total Others	4,960	4,964	5,576	5,383	7,043
Total vegetables	20,311	21,845	24,089	21,750	21,231
Total fruits and vegetables ..	40,848	45,543	48,931	46,314	49,997
Other Misc. Food Crops ..	290	196	132	51	—
Condiments and Spices—					
Cardamoms	—	—	—	—	—
Chillies	815	979	941	826	890
Ginger	2,608	2,529	2,052	1,867	1,906
Pepper	—	—	—	—	—
Turmeric	52	56	70	69	52
Other Condiments and Spices	415	251	345	377	285
Total condiments and spices	3,890	3,815	3,408	3,139	3,133
Total food crops	9,01,380	9,11,872	9,12,234	9,11,936	9,24,419

SUMMARY TABLES—contd.
D—Area under all Crops—contd.

(In hectares)

Crops 1	1978-79 2	1979-80 3	1980-81 4	1981-82 5	1982-83 6
Non-Food Crops—					
Groundnut ..	1,569	1,410	1,277	1,525	1,439
Coconut ..	—	—	—	—	—
Sesamum ..	6,013	6,425	7,992	6,496	7,951
Rape ..	695	533	1,149	271	619
Mustard ..	5,687	4,915	5,922	6,259	6,472
Other edible oil seeds ..	214	238	1,041	2,224	815
Total edible oil seeds ..	14,178	13,521	17,381	16,775	17,296
Non-edible oil seeds—					
Linseed ..	5,844	5,810	5,127	5,472	5,200
Castor ..	—	—	4	—	219
Other non-edible oil seeds ..	505	376	375	937	517
Total non-edible oilseeds ..	6,349	6,186	5,506	6,409	5,936
Total Oil Seeds ..	20,527	19,707	22,887	23,184	23,232
Dyes and Tanning Materials—					
Indigo ..	—	—	—	—	—
Other dyes and tanning materials ..	—	—	—	—	—
Total Dyes and Tanning materials ..	—	—	—	—	—
Rubber					
—	—	—	—	—	—
Drugs and Narcotics—					
Tobacco ..	419	403	425	288	248
Coffee ..	—	—	—	—	—
Tea ..	3,247	3,340	3,280	3,124	2,418
Indian Hemp ..	—	—	—	—	156
Opium ..	—	2	1	8	16
Cinchona ..	—	—	—	—	—
Other drugs and narcotics ..	21	47	32	50	19
Total Drugs and Narcotics ..	3,704	3,792	3,738	3,470	2,857
Betelnuts					
—	—	—	—	—	—
Cotton ..	382	476	447	477	657
Sun-hemp ..	233	434	313	257	265
Other Fibres ..	166	—	173	200	—
Total Fibres ..	781	910	933	934	922

SUMMARY TABLES—contd.
D—Area under all Crops—concl'd.

(In hectares)

Crops 1	1978-79 2	1979-80 3	1980-81 4	1981-82 5	1982-83 6
Other Misc. non-food crops ..	2,202	6,597	6,622	9,552	6,432
Total non-food crops ..	32,822	31,006	34,180	37,138	33,443
Gross cropped area—					
Kharif					
Food crops ..	4,84,479	5,24,296	4,93,287	4,79,811	4,93,911
Non-food crops ..	16,676	16,699	18,526	16,590	16,388
Rabi					
Food crops ..	4,17,351	3,87,576	4,18,947	4,32,125	4,30,508
Non-food crops ..	15,146	14,307	15,654	20,548	17,055
Total Food crops ..	9,01,830	9,11,872	9,12,234	9,11,936	9,24,419
Total Non-food crops ..	32,822	31,006	34,180	37,138	33,443
Grand Total ..	9,34,652	9,42,878	9,46,414	9,49,074	9,57,862
Area cropped more than once ..	3,73,825	3,70,785	3,74,249	3,76,230	3,86,454
Net cropped area ..	5,60,827	5,72,093	5,72,165	5,72,844	5,71,408
Cropped area of forecast crops—					
Failed ..	30,704	1,76,877	51,746	2,16,114	3,74,726
Matured ..	9,03,943	7,65,001	8,28,347	7,32,960	5,83,136
Total gross un-adjusted area under various crop mixtures ..	—	—	—	—	—

SUMMARY

E—Average Yield per Hectare Condition of the

Crops	1978-79		1979-80	
	Average yield 2	Total outturn 3	Average yield 4	Total outturn 5
1				
Rice—				
Autumn ..	—	—	—	—
Winter ..	—	—	—	—
Summer ..	1,433	1,17,290	877	80,342
Total ..	1,433	1,17,290	877	80,342
Wheat ..	1,413	4,03,614	783	2,73,232
Jowar—				
Rabi ..	—	—	—	—
Kharif ..	323	630	215	135
Total ..	323	630	215	135
Bajra ..	457	15	306	15
Barley ..	1,402	45,660	897	32,960
Maize ..	1,700	4,27,626	1,895	4,48,708
Ragi ..	787	8,191	559	7,505
Common and Little Millets ..	753	14,417	677	14,153
Other Cereals ..	—	—	—	—
Total Cereals ..	—	10,17,243	—	8,58,327
Gram ..	624	22,390	484	9,530
Other Pulses (Kharif and Rabi) ..	—	1,502	—	3,440
Green Gram ..	393	72	333	14
Red Gram ..	507	260	539	235
Black Gram ..	306	9,363	320	1,657
Horse Gram ..	378	2,695	312	2,596
Masur ..	317	852	306	597
Total Pulses ..	—	37,124	—	24,069
Total Foodgrains ..	—	10,54,367	—	8,82,396
Sugarcane ..	1,413	7,010	2,416	7,667
Potatoes ..	4,512	70,725	4,070	63,305
Chillies ..	332	210	194	190
Ginger ..	1,535	1,322	1,070	2,707
Turmeric ..	828	21	1,250	14
Cardamom ..	—	—	—	—
Pepper ..	—	—	—	—
Other Condiments & Spices ..	—	—	—	—
Total Food Crops ..	—	11,33,565	—	9,56,279

TABLES—contd.

Yield in kilograms Total outturn in Metric tonnes.
Crops and the Total Outturn of Crops (Contd.)

Crops	1980-81		1981-82		1982-83	
	Average yield 6	Total outturn 7	Average yield 8	Total outturn 9	Average yield 10	Total outturn 11
	—	—	—	—	—	—
	—	—	—	—	—	—
	1,122	1,03,993	1,040	93,390	825	75,335
	1,122	1,03,993	1,040	93,390	825	75,335
	1,265	4,42,613	1,216	4,46,881	1,184	4,43,361
	—	—	—	—	—	—
	—	—	327	18	127	154
	—	—	327	18	127	154
	463	44	143	12	222	14
	1,418	52,369	1,147	41,045	1,255	45,974
	1,812	5,17,973	1,608	4,47,046	1,388	4,01,597
	754	9,034	600	5,908	688	5,957
	564	12,590	395	12,074	341	7,728
	—	—	—	—	—	—
	—	11,38,621	—	10,46,374	—	9,80,120
	315	5,085	522	3,082	394	1,552
	—	1,082	—	4,675	—	1,658
	392	20	290	18	241	35
	426	322	426	243	258	8
	374	8,817	248	5,619	193	4,459
	353	2,695	321	2,034	165	1,260
	423	786	355	1,162	301	771
	—	18,807	—	16,833	—	9,741
	—	11,57,428	—	10,63,207	—	9,89,861
	1,416	4,410	1,203	2,341	904	2,998
	4,120	54,882	3,789	59,719	2,348	31,281
	248	233	201	130	153	136
	1,040	2,143	1,296	607	280	535
	328	37	465	24	365	19
	—	—	—	—	—	—
	—	—	—	—	—	—
	—	—	—	27	—	—
	—	12,19,133	—	11,26,055	—	10,24,830

SUMMARY

E—Average yield per Hectare conditions of the

Crops	1978-79		1979-80	
	Average yield 2	Total outturn 3	Average yield 4	Total outturn 5
1				
Non-Food Crops—				
Coconut ..	—	—	—	—
Sesamum ..	298	1,955	603	1,946
Rape ..	329	196	330	176
Mustard ..	278	1,670	230	1,148
Linseed ..	265	2,647	369	2,146
Toria ..	—	—	—	—
Groundnut ..	856	1,707	810	1,142
Indigo ..	—	—	—	—
Rubber ..	—	—	—	—
Tobacco ..	507	216	385	155
Coffee ..	—	—	—	—
Tea ..	296	1,058	366	1,223
Hemp ..	—	—	—	—
Cotton—				
Desi ..	370	868	467	1,307
American ..	—	—	—	—
Jute ..	—	—	—	—
San-hemp ..	355	122	272	118
Hemp ..	—	—	—	—
Total Non-food Crops ..	—	9,571	—	8,054
Total Food and Non-Food Crops ..	—	11,43,136	—	9,64,333

TABLES—contd.

Crops and total outturn of Crops—(concl'd)

	1980-81		1981-82		1982-83	
	Average yield 6	Total outturn 7	Average yield 8	Total outturn 9	Average yield 10	Total outturn 11
	—	—	—	—	—	—
	322	2,577	234	2,200	183	1,455
	227	264	329	111	354	219
	239	1,415	305	1,800	185	1,195
	433	2,222	183	703	285	1,484
	—	—	—	410	—	—
	1,071	1,368	481	882	134	193
	—	—	—	—	—	—
	478	203	539	122	391	97
	207	676	—	729	—	—
	—	—	—	—	—	—
	473	1,117	368	873	270	1,043
	—	—	—	—	—	—
	486	152	502	119	389	103
	—	—	—	—	—	—
	—	8,877	—	7,076	—	5,220
	—	12,28,010	—	11,33,131	—	10,30,050

SUMMARY TABLES—*contd.*F—Farm harvest prices of Principal Crops
(In rupees per quintal)

1	1978-79 2	1979-80 3	1980-81 4	1981-82 5	1982-83 6
Rice ..	151.06	187.63	171.79	180.60	213.55
Wheat ..	136.65	143.19	150.90	165.73	193.85
Jowar ..	109.50	—	200.00	200.00	225.10
Bajra ..	107.83	143.33	—	—	216.66
Barley ..	117.37	130.73	147.05	151.34	174.30
Gram ..	214.72	289.49	384.23	360.57	378.05
Maize ..	124.73	124.34	128.90	141.71	159.03
Cotton ..	861.25	795.00	838.33	887.92	1066.75
Jute ..	—	—	—	—	—
Sugar raw ..	178.62	—	319.67	264.47	262.00
Groundnut ..	222.50	353.08	—	397.69	456.66
Castorseed ..	—	—	—	—	—
Linseed ..	331.35	402.50	383.50	480.17	478.33
Rape Seed ..	389.10	399.12	459.95	525.30	520.75
Mustard ..	371.89	414.39	454.97	557.85	—
Sesamum ..	406.92	381.33	460.73	598.37	618.05
Tobacco ..	316.80	322.91	346.85	507.85	329.25
Ginger ..	319.27	266.23	329.14	521.31	473.05
Pepper ..	—	—	—	—	—

SUMMARY TABLES—contd.

G—Agricultural Wages

(In Rupees)

Months and year	Skilled Labour			Field Labour	Other Agr. Labour	Herds-men
	Carpenters	Black-smiths	Cobblers			
1981-82—						
July ..	16.50	15.20	12.54	8.88	8.22	7.50
August ..	16.79	15.49	14.35	8.90	8.22	7.00
September ..	16.79	15.49	14.28	9.09	8.24	7.13
October ..	16.95	15.57	14.54	8.94	8.26	7.09
November ..	16.98	15.55	14.53	8.89	8.20	7.08
December ..	16.97	15.57	14.61	8.90	8.27	7.68
January ..	16.39	14.82	13.59	8.96	7.79	8.98
February ..	16.27	14.82	12.20	9.05	7.76	8.98
March ..	16.52	14.91	13.59	9.10	8.31	7.58
April ..	16.91	15.35	14.37	9.05	8.24	7.18
May ..	17.00	15.43	14.48	9.11	8.31	7.23
June ..	16.99	15.43	14.59	9.11	9.31	7.23
Average for the year ..	16.76	15.30	13.97	8.99	8.26	7.56
1982-83—						
July ..	18.41	17.02	14.74	9.46	9.16	7.11
August ..	19.32	17.13	15.88	9.75	10.34	7.87
September ..	18.55	16.93	15.89	9.94	9.39	7.89
October ..	18.46	16.14	15.88	9.96	9.75	8.21
November ..	18.98	20.82	19.16	11.57	10.30	8.99
December ..	19.18	18.00	15.60	10.56	10.11	7.26
January ..	21.25	19.50	16.23	11.79	11.30	10.80
February ..	21.25	19.50	16.23	11.79	11.30	10.80
March ..	21.40	19.63	17.30	12.90	11.53	11.03
April ..	21.36	19.61	17.27	12.04	12.51	10.16
May ..	21.40	19.70	12.09	12.53	12.58	10.16
June ..	21.45	19.76	16.23	12.04	11.62	10.16
Average for the year ..	20 .08	18.64	16.04	11.19	10.82	9.20

SUMMARY TABLES—concl'd.

H—Number of Livestock, Poultry and Agricultural Machinery

1	1981-82 2	1982-83 3
Cattle:		
Males over 3 years—		
Breeding bulls	1,037	1,15,348
Other males over 3 years	8,24,357	7,38,462
Females over 3 years—		
Breeding cows	3,27,759	3,37,745
Other cows over 3 years	3,57,677	3,55,452
Young stock	5,95,396	6,26,636
Total Cattle	21,06,220	21,73,663
Buffaloes:		
Males over 3 years—		
Breeding bulls	3,832	5,184
Other males over 3 years	8,446	7,627
Females over 3 years—		
Breeding buffaloes	1,86,131	2,20,742
Other buffaloes over 3 years	1,98,285	1,92,853
Young stock	1,63,237	1,90,009
Total Buffaloes	5,60,006	6,16,415
Total Sheep	10,55,005	10,90,322
Total Goats	10,35,337	10,38,862
Total Yaks	3,473	2,908
Horses and Ponies:		
Males over 3 years	6,068	7,391
Females over 3 years	5,814	6,265
Young stock	2,976	3,014
Total Horses and Ponies	14,858	16,670
Mules	8,216	12,679
Donkeys	6,074	6,613
Camels	872	714
Pigs	5,165	8,107
Total Livestock	47,95,226	49,88,540
Poultry:		
Fowls	3,27,594	4,60,972
Ducks	1,598	197
Others	9	115
Total Poultry	3,29,561	4,61,285
Agricultural Machinery and Implements:		
Plough	5,18,240	6,23,761
Carts	2,822	3,403
Sugarcane Crushers	4,019	2,961
Tractors	397	936
Oil Engines	989	1,177
Electric Pumps	624	585
Ghanis	652	N A

TABLE

Classification of area in each District of

Classification

District	Total geographical area		Forests	Barren and unculturable land	Land put to non-agricultural uses	Culturable waste
	By professional survey	Reporting area for land utilisation purposes (by village papers)				
1	2	3	4	5	6	7
Bilaspur ..	1,16,700	1,15,478	11,463	6,368	14,953	4,335
Chamba ..	6,51,500	6,92,419	2,45,843	3,570	12,817	5,848
Hamirpur ..	1,11,800	1,09,607	14,028	19,786	12,120	8,580
Kangra ..	5,73,900	5,85,167	1,87,245	31,275	60,293	1,58,949
Kinnaur ..	6,55,300	1,17,527	8,185	2,838	1,324	3,533
Kullu ..	5,50,300	49,196	—	4,370	2,927	3,847
Lahaul & Spiti ..	13,69,300	1,94,969	43,540	1,278	1,177	174
Mandi ..	3,95,100	3,96,815	1,51,375	10,776	12,623	3,907
Shimla ..	5,13,100	2,93,045	50,296	12,441	8,104	13,581
Sirmaur ..	2,82,600	2,24,785	48,388	7,374	9,076	13,417
Solan ..	1,93,700	1,80,223	19,603	10,317	8,194	12,883
Una ..	1,54,000	1,54,198	28,650	33,213	19,872	9,917
State Total ..	55,67,300	31,13,429	8,08,616	1,43,606	1,63,480	2,38,971

NO. II

Himachal Pradesh (State) in 1982-83

(In hectares)

Classification	Permanent pastures and other grazing land	Land under misc. tree crops and groves not included in area sown	Current fallows	Other fallow lands	Net area sown	Area sown more than once	Total cropped area
	44,046	89	1,607	1,446	31,171	28,413	59,584
	3,79,126	779	2,041	258	42,137	21,480	63,617
	7,010	—	8,898	189	38,996	37,342	76,338
	24,099	—	7,852	—	1,15,454	86,632	2,02,086
	91,983	88	1,281	280	8,015	2,298	10,313
	4	314	2,550	13	35,171	20,274	55,445
	1,45,332	88	320	—	3,090	140	3,200
	1,22,634	186	2,208	385	92,721	65,469	1,58,190
	1,28,258	1,290	5,172	1,430	72,473	38,001	1,10,474
	63,435	35,158	3,370	696	43,871	33,444	77,315
	76,314	3,353	3,735	507	45,317	20,117	65,434
	6,676	81	4,031	8,736	43,022	32,844	75,866
	10,88,917	41,426	43,065	13,940	5,71,408	3,86,454	9,57,862

TABLE
Sources of Water Supply and area irrigated therefrom

District	Canals			
	Government		Private	
	Number	Length in kilometre	Number	Length in kilometre
1	2	3	4	5
Bilaspur	—	—	—	—
Chamba	—	—	—	—
Hamirpur	—	—	—	—
Kangra	—	—	—	—
Kinnaur	—	—	—	—
Kullu	—	—	—	—
Lahaul and Spiti	—	—	—	—
Mandi	—	—	—	—
Shimla	1	10	—	—
Sirmaur	—	—	—	—
Solan	—	—	—	—
Una	—	—	—	—
State Total	1	10	—	—

District	Tanks		Net area irrigated by			Tanks	23
	With ayacut 100 hectares or more	With ayacut less than 100 hectares	Total	No. of oil engines	Government canals		
1	17	18	19	20	21	22	23
Bilaspur	—	—	—	160	—	—	28
Chamba	—	—	—	1	—	—	—
Hamirpur	—	—	—	27	—	—	—
Kangra	—	—	—	284	—	—	—
Kinnaur	—	—	—	2	—	—	—
Kullu	—	—	—	82	—	—	—
Lahaul & Spiti	—	—	—	—	—	—	—
Mandi	—	—	—	22	—	—	—
Shimla	—	—	—	5	—	—	—
Sirmaur	—	—	—	38	1,690	—	513
Solan	—	—	—	279	—	—	—
Una	23	343	366	277	—	—	—
State Total	23	365	388	1,177	1,690	—	549

NO. III-A

in each District of Himachal Pradesh (State) in 1982-83

District	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							
	Government	Private	Total	Govt.	Private	Total	Total				
	6	7	8	Masonry	Non-Masonry	Masonry	Non-Masonry				13
9	10	11	12	13	14	15	16				
Bilaspur	10	140	150	—	—	54	5	59	132	121	59
Chamba	—	—	—	—	—	—	—	—	—	—	—
Hamirpur	1	92	93	—	—	—	36	36	1,604	—	—
Kangra	5	41	46	—	—	3,216	21	3,237	2,483	—	—
Kinnaur	—	—	—	—	—	—	—	—	—	—	—
Kullu	—	—	—	—	—	—	—	—	—	—	—
Lahaul and Spiti	—	—	—	—	—	—	—	—	—	—	—
Mandi	—	—	—	—	—	—	—	—	—	—	—
Shimla	32	134	166	—	—	1	—	1	83	7	—
Sirmaur	35	135	170	—	—	158	114	272	159	356	10
Solan	51	443	494	—	—	632	1	633	903	10	—
Una	—	—	—	—	—	—	—	—	—	—	—
State Total	134	985	1,119	—	—	4,061	177	4,238	5,364	494	69

District	(in hectares)						No. of wells having independent ayacuts	No. of wells supplementary sources of irrigation recognised	% of area irrigated by independent ayacuts to the total area irrigated	
	Wells and Tubewells	Other sources	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)				Percentage of total irrigated area to total sown area
1	24	25	26	27	28	29	30	31	32	33
Bilaspur	214	2,498	2,740	8.8	2,470	5,210	8.7	—	—	—
Chamba	—	3,543	3,543	8.4	3,646	7,189	11.3	—	—	—
Hamirpur	197	1,898	2,095	5.4	877	2,972	3.9	—	—	—
Kangra	184	32,227	32,411	28.1	27,637	60,048	29.7	—	—	—
Kinnaur	—	4,383	4,383	54.7	588	4,971	48.2	—	—	—
Kullu	—	2,163	2,163	6.1	74	2,237	4.0	—	—	—
Lahaul & Spiti	—	3,060	3,060	100.0	140	3,200	100.0	—	—	—
Mandi	—	13,518	13,518	14.6	12,493	26,011	16.4	—	—	—
Shimla	—	4,781	4,781	6.6	2,984	7,765	7.0	—	—	—
Sirmaur	1,464	8,951	12,113	27.6	9,986	22,099	28.6	—	—	—
Solan	1,529	7,065	9,107	20.1	4,198	13,305	20.3	—	—	—
Una	2,394	277	2,671	6.2	1,375	4,046	5.3	—	—	—
State Total	5,982	84,364	92,585	16.2	66,468	1,59,053	16.6	—	—	—

TABLE

Area of Crops irrigated in each District of

District	Food Crops—concl.			Non-Food		
	Condiments and Spices—concl.			San Hemp	Ground-nut	
	Turmeric	Others	Total condiments & spices			Total Food Crops
1	28	29	30	31	32	33
Bilaspur ..	1	10	56	5,111	—	—
Chamba ..	—	9	9	7,101	—	—
Hamirpur ..	—	—	1	2,948	—	—
Kangra ..	5	—	80	53,011	2	7
Kinnaur ..	—	—	—	4,944	—	—
Kullu ..	—	—	6	2,235	—	—
Lahaul-Spiti ..	—	—	—	3,125	—	—
Mandi ..	—	2	17	25,217	—	—
Shimla ..	—	11	85	7,744	—	—
Sirmaur ..	—	65	827	21,290	7	30
Solan ..	—	2	134	13,037	—	34
Una ..	—	7	20	3,823	—	—
State Total ..	6	106	1,235	1,49,586	9	71

No. III-B—concl.

Himachal Pradesh (State) in 1982-83

(In hectares)

Crops											
Coco-nut	Sesa-mum	Rape	Mus-tard	Lin-seed	Castor	Indigo	Rubber	To-bacco	Coffee	Tea	Indian Hemp
34	35	36	37	38	39	40	41	42	43	44	45
—	7	8	21	2	—	—	—	5	—	—	—
—	—	—	30	44	—	—	—	4	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	125	11	96	4,328	—	—	—	4	—	1,328	—
—	—	—	6	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	14	—	—	—	—	—	—	—	—
—	—	—	27	397	—	—	—	13	—	—	—
—	1	—	20	—	—	—	—	—	—	—	—
—	53	24	143	2	—	—	—	17	—	—	—
—	7	51	6	1	—	—	—	4	—	—	—
—	—	22	23	—	—	—	—	—	—	—	—
—	193	116	386	4,774	—	—	—	47	—	1,328	—

Non-food

District	Opium	Cinchona	Cotton		
			Desi	American	Total
			48	49	50
1	46	47	48	49	50
Bilaspur ..	—	—	1	—	1
Chamba ..	—	—	—	—	—
Hamirpur ..	—	—	—	—	—
Kangra ..	—	—	46	—	46
Kinnaur ..	—	—	—	—	—
Kullu ..	—	—	—	—	—
Lahaul-Spiti ..	—	—	—	—	—
Mandi ..	—	—	—	—	—
Shimla ..	—	—	—	—	—
Sirmaur ..	—	—	16	—	16
Solan ..	—	—	98	—	98
Una ..	—	—	5	1	6
State Total ..	—	—	166	1	167

Crops—concl.

Fodder Crops		Miscellaneous non-food crops	Total non-food crops	Total area under irrigated crops
51	52	53	54	
55	—	99	5,210	
10	—	88	7,189	
24	—	24	2,972	
1,085	5	7,037	60,048	
—	21	27	4,971	
2	—	2	2,237	
—	61	75	3,200	
355	2	794	26,011	
—	—	21	7,765	
517	—	809	22,099	
65	2	268	13,305	
172	—	223	4,046	
2,285	91	9,467	1,59,053	

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
Bilaspur	204.8	74.3	81.1	27.3	285.9	101.6	12.0
Chamba	134.2	149.0	237.3	97.0	371.5	246.0	16.7
Hamirpur	204.0	443.9	94.0	117.0	298.0	560.9	11.0
Kangra	97.2	65.0	92.8	67.3	190.0	132.3	10.0
Kinnaur	490.4	120.7	269.3	104.3	759.7	225.0	21.0
Kullu	NA	NA	NA	NA	NA	NA	NA
Lahaul & Spiti	113.2	43.7	78.1	95.7	191.3	139.4	14.5
Mandi	142.5	86.3	121.5	50.5	264.0	136.8	15.9
Shimla	149.2	116.7	158.4	61.2	307.6	177.9	14.2
Sirmaur	96.7	87.5	71.2	34.6	167.9	122.1	11.7
Solan	141.3	73.7	112.4	72.2	253.7	147.9	15.7
Una	77.3	29.5	30.1	76.1	107.4	105.6	8.0
State Average	168.2	117.3	122.4	73.2	290.6	190.5	13.7

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- ponding nor- mal	No. of rainy days
	18	19	20	21	22	23	24	25	26	27	28
Bilaspur	121.1	57.3	213.0	431.9	284.8	297.5	22.9	186.5	641.8	973.2	28.0
Chamba	73.4	76.3	206.1	284.3	203.8	240.9	54.2	152.2	537.5	753.7	31.6
Hamirpur	150.5	89.0	357.0	207.5	241.0	159.5	51.0	54.7	799.0	510.7	34.0
Kangra	45.2	191.1	423.4	562.0	370.7	443.9	21.1	88.7	860.4	1285.7	29.3
Kinnaur	3.8	31.2	20.0	75.7	34.8	63.2	10.2	68.9	68.8	239.0	9.2
Kullu	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lahaul & Spiti	—	10.1	15.0	25.9	0.5	15.2	0.3	7.8	15.8	59.0	2.0
Mandi	111.6	127.3	234.9	498.3	319.2	411.0	44.4	191.7	710.1	1228.3	43.5
Shimla	72.8	89.7	102.1	328.1	179.9	273.2	33.3	144.8	388.1	835.8	28.1
Sirmaur	89.1	108.1	309.4	531.1	439.0	562.0	20.0	224.6	857.5	1425.8	39.8
Solan	125.5	202.0	260.5	409.6	303.4	352.2	40.0	168.4	729.6	1132.2	37.4
Una	6.9	55.5	37.7	387.6	246.8	199.3	46.6	109.9	338.0	752.3	19.0
State Average	72.7	94.3	198.1	340.2	238.5	274.4	31.3	127.1	540.6	836.0	27.4

Himachal Pradesh (State) in 1982-83

(In millimetres)

Pre-Monsoon 1st March to 31st May									
March		April		May		Total for the season			
Current	Normal	Current	Normal	Current	Normal	Total rainfall	Corresponding normal	No. of rainy days	
9	10	11	12	13	14	15	16	17	
161.7	56.3	155.1	13.5	67.4	18.9	384.2	88.7	20.0	
277.6	130.1	145.5	71.5	132.2	60.5	553.3	262.1	24.7	
200.0	132.0	115.0	57.0	114.0	52.0	429.0	241.0	29.0	
251.7	75.7	98.2	24.3	66.5	26.1	416.0	126.1	21.6	
380.6	103.2	314.7	70.9	157.9	66.3	853.2	240.4	41.2	
NA	NA	NA	NA	NA	NA	NA	NA	NA	
54.4	74.2	76.5	34.3	117.0	37.4	247.9	145.9	21.0	
198.6	85.6	156.3	41.8	145.4	50.4	500.3	177.8	26.6	
246.7	83.4	161.6	44.2	143.0	55.3	551.3	182.9	31.2	
202.0	39.1	104.6	11.3	135.3	25.2	441.9	75.6	19.9	
274.6	64.6	131.2	29.9	121.2	41.0	527.0	133.5	26.4	
118.6	45.4	24.9	13.2	19.9	49.8	163.4	108.4	19.0	
215.1	80.9	134.8	37.4	110.8	43.9	460.7	162.2	25.5	

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- ponding normal	Number of rainy days	Total rain- fall	Cor- respon- ding normal	Total number of rainy days
29	30	31	32	33	34	35	36	37	38	39	40
6.1	80.9	9.1	8.9	30.9	33.1	46.1	122.9	4.0	1358.0	1286.4	64.0
54.2	111.8	36.5	29.0	62.6	75.4	153.3	216.2	7.7	1615.8	1478.0	80.7
32.0	14.0	18.0	14.0	34.0	11.5	84.0	39.5	6.0	1610.0	1352.1	80.0
21.3	49.9	18.3	16.2	56.7	39.3	96.3	105.4	6.6	1563.1	1649.5	67.5
62.0	54.3	11.9	13.6	90.6	78.9	164.5	146.8	9.0	1846.2	851.2	80.4
NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
54.1	—	32.0	7.3	79.5	21.3	165.6	28.6	10.5	620.6	327.9	48.0
22.2	83.9	16.3	11.5	44.9	41.4	83.4	136.8	6.1	1557.8	1679.7	92.1
27.3	69.1	5.4	12.3	45.9	48.8	78.6	130.2	6.2	1325.6	1326.8	79.7
15.8	109.1	2.6	11.6	72.8	24.7	91.2	145.4	3.8	1558.5	1768.9	75.2
7.3	8.9	3.8	22.0	92.2	28.1	103.3	59.0	3.6	1613.6	1474.6	83.1
10.0	4.4	8.6	12.8	28.5	17.6	47.1	34.8	6.0	655.9	1001.1	52.0
28.4	53.3	14.8	14.5	58.0	38.2	101.2	106.0	6.3	1393.1	1294.7	72.9

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	—	—	—	—	3,600	4,431
Chamba	—	—	—	—	3,369	3,265
Hamirpur	—	—	—	—	4,938	5,558
Kangra	—	—	—	—	34,155	35,946
Kinnaur	—	—	—	—	26	33
Kullu	—	—	—	—	3,089	2,717
Lahaul-Spiti	—	—	—	—	—	—
Mandi	—	—	—	—	24,856	26,559
Shimla	—	—	—	—	5,085	5,489
Sirmaur	—	—	—	—	4,817	5,281
Solan	—	—	—	—	4,052	4,479
Una	—	—	—	—	2,544	2,524
State Total	—	—	—	—	90,531	96,282

District	Cere					
	Bajra or cumbu		Barley		Maize	
	Current	Normal	Current	Normal	Current	Normal
	18	19	20	21	22	23
Bilaspur	—	1	506	243	24,411	22,201
Chamba	—	—	4,812	5,759	25,988	25,854
Hamirpur	—	—	227	165	29,990	26,243
Kangra	4	32	5,159	4,223	48,610	48,968
Kinnaur	—	—	1,961	2,247	528	391
Kullu	—	—	4,904	5,103	15,081	13,494
Lahaul-Spiti	—	—	1,033	1,075	32	22
Mandi	—	—	5,093	5,236	42,358	41,267
Shimla	24	1	8,917	7,694	22,324	21,596
Sirmaur	35	24	3,441	3,345	25,507	24,955
Solan	—	7	1,679	1,576	24,149	24,803
Una	—	4	10	57	29,305	26,249
State Total	63	69	37,742	36,723	2,88,283	2,76,043

NO. IV-A

Himachal Pradesh (State) in 1982-83

(In hectares)

als		Wheat		Jowar or Cholam					
Total		Wheat		Rabi		Kharif		Total	
Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
8	9	10	11	12	13	14	15	16	17
3,600	4,431	26,513	22,181	—	—	—	—	—	—
3,369	3,265	18,333	17,049	—	—	—	—	—	—
4,938	5,558	36,756	32,545	—	—	—	—	—	—
34,155	35,946	88,956	81,686	—	—	11	—	11	—
26	33	1,208	1,424	—	—	—	—	—	—
3,089	2,717	18,701	18,041	—	—	—	—	—	—
—	—	366	383	—	—	—	—	—	—
24,856	26,559	63,625	59,888	—	—	—	—	—	—
5,085	5,489	33,852	32,652	—	—	—	—	—	—
4,817	5,281	29,598	28,760	—	—	—	—	—	—
4,052	4,479	23,913	19,859	—	—	1	—	1	—
2,544	2,524	34,085	25,467	—	—	1,204	186	1,204	186
—	—	—	—	—	—	—	747	—	747
90,531	96,282	3,75,906	3,39,935	—	—	1,216	933	1,216	933

als—contd.

Ragi or Marua		Italian millets		Kodo or Varagu		Common and Little Millets	
Current	Normal	Current	Normal	Current	Normal	Current	Normal
24	25	26	27	28	29	30	31
10	7	—	—	—	—	—	—
205	329	—	—	—	—	2,645	2,958
58	40	—	—	—	—	—	14
—	49	—	—	—	—	—	—
221	258	—	—	—	—	10	365
—	327	—	—	—	—	44,03	4,973
—	—	—	320	—	—	3,938	3,487
3,663	5,760	—	—	—	583	263	310
3,618	4,202	—	686	—	543	1,900	1,679
880	1,107	—	—	—	—	8,695	9,079
—	—	—	—	—	—	768	686
—	—	—	—	—	13	6	40
8,655	12,079	—	1,006	—	1,140	22,628	23,591

TABLE

Area under Food Crops in each District of

District	Cereals—concl'd.							
	Other Cereals						Total Cereals	
	Kharif		Rabi		Total		Current 38	Normal 39
	Current 32	Normal 33	Current 34	Normal 35	Current 36	Normal 37		
Bilaspur	—	—	—	—	—	—	55,040	4,9064
Chamba	—	—	—	—	—	—	55,352	55,214
Hamirpur	—	—	—	—	—	—	71,969	64,566
Kangra	—	—	—	—	—	—	1,76,905	1,71,269
Kinnaur	—	—	—	—	—	—	8,347	9,326
Kullu	—	—	—	—	—	—	45,713	44,072
Lahaul-Spiti	—	—	—	—	—	—	1,694	1,790
Mandi	—	—	—	—	—	—	1,41,495	1,41,618
Shimla	—	—	—	—	—	—	82,515	80,713
Sirmaur	—	—	—	—	—	—	65,047	64,158
Solan	—	—	—	—	—	—	55,003	50,963
Una	—	—	—	—	—	—	65,944	55,048
State Total	—	—	—	—	—	—	8,25,024	7,87,801

District	Pul					
	Horse Gram		Masur		Other	
	Kharif		Current 50	Normal 51	Current 52	Normal 53
	Current 48	Normal 49				
Bilaspur	545	489	37	31	99	222
Chamba	375	254	134	177	149	266
Hamirpur	1,070	1,300	56	66	23	20
Kangra	1,172	811	433	392	66	2,280
Kinnaur	—	1	—	1	349	169
Kullu	152	176	64	75	547	268
Lahaul-Spiti	—	—	—	—	3	1
Mandi	1,127	1,124	648	670	1,092	832
Shimla	1,272	1,295	198	222	658	505
Sirmaur	663	669	520	463	170	76
Solan	904	1,143	373	185	410	292
Una	362	154	94	92	125	219
State Total	7,642	7,416	2,557	2,374	3,691	5,150

NO. LV-A—contd.

Himachal Pradesh (State) in 1982-83—contd.

(In hectares)

District	Pulses							
	Gram		Green Gram or Mung		Red Gram or Tur (Arhar)		Black Gram or Urd (Mash)	
	Current 40	Normal 41	Current 42	Normal 43	Current 44	Normal 45	Current 46	Normal 47
—	56	4	8	2	—	2,835	2,798	
599	3,641	1	2	2	1	1,638	2,224	
459	2,572	—	—	—	—	4,112	4,067	
—	—	—	—	—	—	—	19	
111	23	29	17	—	—	2,072	2,426	
—	—	—	—	—	—	—	—	
113	390	4	6	4	—	3,918	2,892	
9	47	4	2	1	2	2,778	2,606	
500	1,582	13	7	5	17	1,677	1,881	
80	6,384	2	1	16	417	2,222	2,315	
1,770	8,620	85	43	—	190	1,545	1,126	
3,942	27,391	145	89	31	621	23,092	24,401	

Pulses—concl'd.

District	Pulses					
	Rabi		Total Other Pulses		Total Pulses	
	Current 54	Normal 55	Current 56	Normal 57	Current 58	Normal 59
—	1	149	267	13,499	3,510	
—	—	23	20	3,389	7,254	
58	296	124	2,576	63,00	10,420	
1,427	130	476	299	476	320	
206	22	753	290	3,081	3,007	
249	216	252	217	2,252	217	
33	153	1,125	985	5,939	6,067	
107	71	765	576	5,027	4,750	
408	128	578	204	3,956	4,783	
463	106	873	498	4,470	10,936	
—	4	125	223	3,981	10,448	
1,849	1,343	5,540	6,493	42,949	68,785	

TABLE NO.

Area under Food Crops in each District of

District 1	Total Foodgrains	
	Current 60	Normal 61
Bilaspur	57,619	56,137
Chamba	58,851	58,724
Hamirpur	75,358	71,820
Kangra	1,83,205	1,81,689
Kinnaur	8,823	9,646
Kullu	48,794	47,079
Lahaul-Spiti	1,946	2,007
Mandi	1,47,434	1,47,685
Shimla	87,542	85,463
Sirmaur	69,003	68,941
Solan	59,473	61,899
Una	69,925	65,496
State Total	8,67,973	8,56,586

District	Fruits			
	Banana		Citrus fruits	fruits
	Current 68	Normal 69		
Bilaspur	143	80	—	—
Chamba	—	—	—	—
Hamirpur	—	—	—	—
Kangra	—	—	—	156
Kinnaur	—	—	—	—
Kullu	325	1	—	—
Lahaul-Spiti	—	—	—	—
Mandi	—	7	18	48
Shimla	—	—	—	3
Sirmaur	4	13	68	46
Solan	—	—	—	—
Una	—	—	—	—
State Total	472	101	86	253

IV-A—contd.

Himachal Pradesh (State) in 1982-83—contd.

(In hectares)

Fresh Fruits					
Sugarcane		Apples		Grapes	
Current 62	Normal 63	Current 64	Normal 65	Current 66	Normal 67
143	145	—	—	—	—
1	—	11	129	—	—
343	329	—	—	—	—
293	245	—	—	—	—
—	—	543	324	7	4
—	—	3,772	2,866	195	—
—	—	4	—	—	—
38	37	2110	3,692	—	—
—	—	12,726	9,036	—	—
1,018	934	803	681	—	—
345	251	—	161	—	2
1,135	944	—	—	—	—
3,316	2,885	19,969	16,889	202	6

—contd.

—contd.					
Mangoes		Peaches and Pears		Other fresh fruits	
Current 72	Normal 73	Current 74	Normal 75	Current 76	Normal 77
—	—	—	—	—	—
2	—	—	—	792	429
2	—	—	—	8	4
—	424	—	222	2,626	468
—	—	—	—	—	184
—	—	—	4	—	175
—	—	—	—	—	1
12	141	2	—	2,861	754
—	—	—	—	369	8
91	87	149	183	117	153
5	35	—	10	610	423
82	66	—	—	24	72
194	765	151	419	7,407	2,003

TABLE NO. 2
Area under Food Crops in each District of

District	Fruits—			
	Dry			
	Total fresh fruits		Cashew Nuts	
	Current	Normal	Current	Normal
1	78	79	80	81
Bilaspur	143	80	—	—
Chamba	805	558	—	—
Hamirpur	10	16	—	—
Kangra	2,626	1,270	—	—
Kinnaur	550	462	—	—
Kullu	4,292	3,046	—	—
Lahaul-Spiti	4	1	—	—
Mandi	5,003	4,622	—	—
Shimla	13,095	9,047	—	—
Sirmaur	1,232	1,165	—	—
Solan	615	631	—	—
Una	106	138	—	—
State Total	28,481	21,036	—	—

District	Vegetables—					
	Tapioca		Sweet Potatoes		Onions	
	Current	Normal	Current	Normal	Current	Normal
	1	90	91	92	93	94
Bilaspur	—	—	—	—	74	81
Chamba	—	—	—	—	33	39
Hamirpur	—	—	—	—	51	61
Kangra	—	—	—	—	294	294
Kinnaur	—	—	—	—	—	—
Kullu	—	—	—	—	16	10
Lahaul-Spiti	—	—	—	—	—	—
Mandi	—	—	—	—	81	97
Shimla	—	—	232	—	3	6
Sirmaur	—	—	—	—	58	50
Solan	—	—	—	—	9	30
Una	—	—	—	—	15	53
State Total	—	—	232	—	634	721

IV-A—contd.
Himachal Pradesh (State) in 1982-83—contd.

(In hectares)

concl'd.							
Fruits						Vegetables	
Other Dry Fruits		Total Dry Fruits		Total Fruits (Fresh and Dry)		Potatoes	
Current	Normal	Current	Normal	Current	Normal	Current	Normal
82	83	84	85	86	87	88	89
—	—	—	—	143	80	22	14
—	—	—	—	805	558	445	441
—	—	—	—	10	16	7	6
—	—	—	—	2,626	1,270	634	793
279	193	279	193	829	655	451	440
—	—	—	—	4,292	3,046	741	1,078
—	1	—	1	4	2	1,175	1,178
—	10	—	10	5,003	4,632	2,031	1,980
—	2	—	2	13,095	9,049	6,903	8,009
6	14	6	14	1,238	1,179	697	950
—	—	—	—	615	631	149	174
—	—	—	—	106	138	67	93
285	220	285	220	28,766	21,256	13,322	15,156

concl'd.							
Other Vegetables						Total Vegetables	
Winter		Summer		Total other Vegetables		Total Vegetables	
Current	Normal	Current	Normal	Current	Normal	Current	Normal
96	97	98	99	100	101	102	103
3	—	124	127	127	127	223	222
50	58	286	131	336	189	814	669
11	9	98	164	109	173	167	246
—	137	510	152	510	289	1,438	1,493
52	18	10	16	62	34	513	474
83	150	575	299	658	449	1,415	1,537
—	—	—	2	—	7	1,175	1,185
429	203	628	422	1,057	625	3,169	2,702
1,429	462	604	1,045	2,033	1,507	9,171	9,829
543	69	38	209	581	278	1,336	1,278
370	333	926	641	1,296	974	1,454	1,178
142	172	132	135	274	307	356	453
3,112	1,616	3,931	3,343	7,043	4,959	21,231	21,266

TABLE NO.

Area under Food Crops in each District of

District	Total Fruits and Vegetables		Other Misc. Food Crops		Betelnuts		Condiments			
	Current	Normal	Current	Normal	Current	Normal	Cardamoms		Chillies	
							Current	Normal	Current	Normal
1	104	105	106	107	108	109	110	111	112	113
Bilaspur	366	302	—	1	—	—	—	—	6	6
Chamba	1,619	1,227	—	—	—	—	—	—	30	35
Hamirpur	177	262	—	—	—	—	—	—	1	1
Kangra	4,064	2,763	—	1	—	—	—	—	124	72
Kinnaur	1,342	1,129	—	—	—	—	—	—	—	1
Kullu	5,707	4,583	—	37	—	—	—	—	134	96
Lahaul-Spiti	1,179	1,187	—	—	—	—	—	—	—	—
Mandi	8,172	7,334	—	118	—	—	—	—	122	169
Shimla	22,266	18,878	—	—	—	—	—	—	190	183
Sirmaur	2,574	2,457	—	80	—	—	—	—	266	271
Solan	2,069	1,809	—	—	—	—	—	—	3	13
Una	462	591	—	—	—	—	—	—	14	10
State Total	49,997	42,522	—	237	—	—	—	—	890	857

TABLE NO.

Area under Non-food Crops in each District

District	NON-FOOD			
	FIB			
	Cotton			
	Desi		American	
1	2	3	4	5
Bilaspur	47	58	—	—
Chamba	—	—	—	—
Hamirpur	25	16	—	—
Kangra	68	113	136	20
Kinnaur	—	—	—	—
Kullu	—	—	—	—
Lahaul-Spiti	—	—	—	—
Mandi	15	5	—	—
Shimla	—	—	—	—
Sirmaur	35	36	—	—
Solan	190	148	—	8
Una	106	63	35	38
State Total	486	439	171	66

IV-A—concl.

Himachal Pradesh (State) in 1982-83—concl.

(In hectares)

and spices												Total Food Crops	
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		
114	115	116	117	118	119	120	121	122	123	124	125		
66	58	—	—	14	15	22	15	108	100	58,236	56,729		
—	1	—	—	—	—	25	35	55	70	60,526	60,038		
1	1	—	—	14	15	2	2	18	18	75,896	72,460		
11	14	—	—	11	13	4	17	150	114	1,87,712	1,85,009		
—	—	—	—	—	—	1	2	1	3	10,166	10,778		
—	1	—	—	—	—	44	38	178	134	54,679	51,833		
—	—	—	—	—	—	—	—	—	—	3,125	3,194		
1	4	—	—	3	2	18	17	144	193	1,55,788	1,25,388		
66	91	—	—	—	1	24	25	280	359	1,10,088	1,04,700		
1,562	1,487	—	—	9	5	135	173	1,972	2,269	74,567	74,821		
198	210	—	—	—	—	3	11	204	339	62,091	64,317		
1	—	—	—	1	4	7	2	23	16	71,545	67,368		
1,906	1,867	—	—	52	55	285	337	3,133	3,615	9,24,419	9,06,635		

IV-B

of Himachal Pradesh (State) in 1982-83

(In hectares)

CROPS							
RES							
Total		Jute		San Hemp		Other fibres	
Current	Normal	Current	Normal	Current	Normal	Current	Normal
6	7	8	9	10	11	12	13
47	58	—	—	5	6	—	—
25	16	—	—	3	1	—	—
204	133	—	—	24	96	—	—
—	—	—	—	83	83	—	—
15	5	—	—	—	—	—	—
—	—	—	—	—	33	—	176
35	36	—	—	—	3	—	—
190	156	—	—	119	12	—	—
141	101	—	—	8	12	—	—
657	505	—	—	265	305	—	178

TABLE NO.

Area under Non-food Crops in each District of

District	Fibres—concl.		Groundnut		Coconut		Oil	
	Total fibres						Edi-	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
	14	15	16	17	18	19		
Bilaspur	52	64	45	39	—	—	—	—
Chamba	—	2	—	—	—	—	—	—
Hamirpur	28	17	—	—	—	—	—	—
Kangra	228	231	7	—	—	—	—	—
Kinnaur	—	—	—	5	—	—	—	—
Kullu	83	83	—	—	—	—	—	—
Lahaul-Spiti	—	—	—	—	—	—	—	—
Mandi	15	214	8	13	—	—	—	—
Shimla	—	3	6	4	—	—	—	—
Sirmaur	154	48	83	59	—	—	—	—
Solan	198	168	1,239	1,361	—	—	—	—
Una	164	158	31	35	—	—	—	—
State Total	922	988	1,439	1,516	—	—	—	—

District	Edible—concl.			
	Total edible oil seeds		Linseed	
	Current	Normal	Current	Normal
	28	29	30	31
Bilaspur	1,129	819	9	14
Chamba	2,923	2,655	70	93
Hamirpur	344	361	—	—
Kangra	5,829	5,373	4,576	5,620
Kinnaur	126	5	—	—
Kullu	646	511	—	—
Lahaul-Spiti	14	12	—	—
Mandi	536	421	522	637
Shimla	375	381	—	—
Sirmaur	1,096	1,052	3	8
Solan	2,606	2,202	7	4
Una	1,642	1,104	13	33
State Total	17,296	14,896	5,200	5,809

IV-B—contd.

Himachal Pradesh (State) in 1982-83—contd.

(In hectares)

seeds							
ble							
Sesamum		Rape		Mustard		Others including safflower seed, sunflower etc.	
Current	Normal	Current	Normal	Current	Normal	Current	Normal
20	21	22	23	24	25	26	27
464	419	302	167	318	193	—	1
96	102	—	1	2,827	2,552	—	—
296	270	16	18	32	72	—	1
4,826	4,671	158	75	868	491	—	136
3	—	11	3	—	2	115	—
—	6	2	2	641	498	—	—
—	—	—	—	14	12	—	—
114	86	15	6	399	316	—	—
59	63	—	—	305	306	5	8
480	370	—	17	532	418	1	188
403	270	84	311	166	161	694	99
1,210	795	31	25	370	176	—	73
7,951	7,052	619	625	6,472	5,197	815	506

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
—	—	—	—	9	14	1,138	833
—	—	—	—	70	93	2,993	2,748
—	—	—	—	—	—	344	361
—	—	—	93	4,576	5,113	10,435	10,486
—	—	—	—	—	—	126	5
—	—	—	—	—	—	646	511
—	—	—	—	—	14	—	12
—	—	—	—	522	637	1,058	1,058
—	—	—	1	—	1	375	382
219	—	—	55	222	63	1,318	1,115
—	—	214	74	221	78	2,827	2,280
—	—	303	195	316	228	1,958	1,332
219	—	517	418	5,936	6,227	23,232	21,123

TABLE NO.

Area under Non-food Crops in each District of

Dyes and Tanning Materials

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

Drugs and Narcotics

District	Indian Hemp		Opium		Cinchona		Other Drugs and Narcotics	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
	54	55	56	57	58	59	60	61
1								
Bilaspur ..	—	—	—	—	—	—	—	1
Chamba ..	—	—	—	—	—	—	—	—
Hamirpur ..	—	—	—	—	—	—	—	—
Kangra ..	—	8	—	—	—	—	—	8
Kinnaur ..	—	—	—	—	—	—	—	—
Kullu ..	—	—	—	—	—	—	—	26
Lahaul-Spiti ..	—	—	16	—	—	—	—	—
Mandi ..	156	—	—	—	—	—	4	1
Shimla ..	—	4	—	—	—	—	—	—
Sirmaur ..	—	—	—	—	—	—	15	5
Solan ..	—	—	—	—	—	—	—	—
Una ..	—	—	—	—	—	—	—	—
State Total ..	156	12	16	—	—	—	19	41

IV-B—concl'd.

Himachal Pradesh (State) in 1982-83—concl'd.

(In hectares)

Drugs and Narcotics							
Rubber		Tobacco		Coffee		Tea	
Current	Normal	Current	Normal	Current	Normal	Current	Normal
46	47	48	49	50	51	52	53
—	—	25	55	—	—	—	—
—	—	77	99	—	—	—	—
—	—	1	5	—	—	—	—
—	—	22	21	—	—	1,885	2,860
—	—	—	—	—	—	—	—
—	—	35	70	—	—	—	—
—	—	—	—	—	—	—	—
—	—	29	58	—	—	533	490
—	—	—	9	—	—	—	—
—	—	50	96	—	—	—	—
—	—	7	36	—	—	—	—
—	—	2	5	—	—	—	—
—	—	248	454	—	—	2,418	3,350

—concl'd.

Other Misc. Crops

Total Drugs and Narcotics		Fodder crops		Non-food crops		Total Non-food crops	
Current	Normal	Current	Normal	Current	Normal	Current	Normal
62	63	64	65	66	67	68	69
25	56	133	148	—	—	1,348	1,101
77	99	21	8	—	—	3,091	2,857
1	5	69	55	—	—	442	438
1,907	2,889	1,804	1,188	—	3	14,374	14,797
—	8	—	5	21	4	147	22
35	70	2	25	—	—	766	689
16	26	—	—	45	—	75	38
718	548	605	614	6	1,263	2,402	3,697
4	14	—	11	7	2	386	412
50	96	1,226	1,568	—	2	2,748	2,829
22	41	296	895	—	2	3,343	3,386
2	5	2,197	1,995	—	—	4,321	3,490
2,857	3,857	6,353	6,512	79	1,276	33,443	33,756

District	Food					
	Gram			Green Gram or		Moong
	Standard	Condition factor	Current	Standard	Condition factor	Current
1	41	42	43	44	45	46
Bilaspur	392	—	481	400	—	333
Chamba	—	—	479	348	—	—
Hamirpur	600	—	300	300	100	300
Kangra	—	—	311	—	—	—
Kinnaur	—	—	—	—	—	—
Kullu	—	—	—	—	—	—
Lahaul-Spiti	—	—	—	—	—	—
Mandi	530	—	513	—	—	484
Shimla	318	—	222	323	—	323
Sirmaur	662	—	494	662	—	307
Solan	405	—	212	—	—	—
Una	600	—	400	350	—	200
State Average	501	79	394	397	61	241

Crops in each District of Himachal Pradesh (State) for the year 1982-83—contd.
(In kg. per hectere).

Crops—contd.											
Red Gram or Tur (Arhar)			Black Gram or Urd (Mash)			Horse Gram (Kulth)		Masur			
Standard	Condition factor	Current	Standard	Condition factor	Current	Standard	Condition factor	Current	Standard	Condition factor	Current
47	48	49	50	51	52	53	54	55	56	57	58
—	—	—	260	—	29	260	—	33	400	—	513
—	—	—	348	—	175	348	—	288	184	—	112
300	—	300	350	—	56	350	—	28	300	—	60
—	—	—	—	—	192	—	—	164	—	—	207
—	—	—	—	—	371	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	484	—	—	—	—	—	—	—	—	—
—	—	—	323	—	68	323	—	484	—	—	484
662	—	400	369	—	100	369	—	72	230	—	96
—	—	250	—	—	86	—	—	77	277	—	240
—	—	—	339	—	203	322	—	80	—	—	327
481	54	258	332	58	193	362	45	165	313	96	301

District	Food								
	Sugarcane			Potatoes			Chillies		
	Standard	Condition factor	Current	Standard	Condition factor	Current	Standard	Condition factor	Current
1	59	60	61	62	63	64	65	66	67
Bilaspur	1,500	—	510	4,000	—	3,227	300	—	232
Chamba	—	—	—	1,259	—	1,155	—	—	50
Hamirpur	1,500	—	1,440	1,600	—	1,360	—	—	73
Kangra	—	—	—	—	—	—	—	—	—
Kinnaur	—	—	—	—	—	2,867	—	—	—
Kullu	—	—	—	—	—	3,282	—	—	164
Lahaul-Spiti	—	—	—	—	—	5,238	—	—	—
Mandi	1,372	—	1,342	3,624	—	3,612	228	—	180
Shimla	—	—	—	5,042	—	941	250	—	63
Sirmaur	—	—	1,688	1,994	—	2,130	166	—	225
Solan	—	—	840	—	—	4,859	—	—	333
Una	—	—	91	—	—	13,500	500	—	500
State Average	1,457	62	904	2,920	80	2,348	289	53	153

Crops—contd.								
Turmeric			Pepper			Other condiments & spices		
Standard	Condition factor	Current	Standard	Condition factor	Current	Standard	Condition factor	Current
68	69	70	71	72	73	74	75	76
400	—	929	—	—	—	—	—	—
300	—	210	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
1,000	—	330	—	—	—	—	—	—
500	—	500	—	—	—	—	—	—
550	66	365	—	—	—	—	—	—

TABLE NO.

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

District	Opium			Cinchona			Cotton Desi		
	Standard	Condition factor	Current	Standard	Condition factor	Current	Standard	Condition factor	Current
1	113	114	115	116	117	118	119	120	121
Bilaspur ..	—	—	—	—	—	—	440	—	234
Chamba ..	—	—	—	—	—	—	—	—	—
Hamirpur ..	—	—	—	—	—	—	50	—	28
Kangra ..	—	—	—	—	—	—	—	—	—
Kinnaur ..	—	—	—	—	—	—	—	—	—
Kullu ..	—	—	—	—	—	—	—	—	—
Lahaul-Spiti ..	—	—	—	—	—	—	—	—	—
Mandi ..	—	—	—	—	—	—	—	—	—
Shimla ..	—	—	—	—	—	—	—	—	—
Sirmaur ..	—	—	—	—	—	—	642	—	543
Solan ..	—	—	—	—	—	—	—	—	—
Una ..	—	—	—	—	—	—	450	—	405
State Average..	—	—	—	—	—	—	395	68	270

V-A—concl.

in each District of Himachal Pradesh (State) for the year 1982-83—concl.
(In kg. per hectare).

Cotton American			San Hemp			Jute			Castor		
Standard	Condition factor	Current	Standard	Condition factor	Current	Standard	Condition factor	Current	Standard	Condition factor	Current
122	123	124	125	126	127	128	129	130	131	132	133
—	—	—	300	—	600	—	—	—	—	—	—
—	—	—	—	—	500	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	699	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	182	—	185	—	—	—	—	—	—
—	—	—	300	—	250	—	—	—	—	—	—
—	—	—	500	—	478	—	—	—	—	—	—
—	—	—	320	100	389	—	—	—	—	—	—

TABLE NO.

Total Outturn of Principal Crops in each District

District	Food					
	Rice					
	Autumn (Aus) Winter		Winter (Aman)		Summer (Boro)	
	Current	Normal	Current	Normal	Current	Normal
1	2	3	4	5	6	7
Bilaspur	—	—	—	—	1,825	5,089
Chamba	—	—	—	—	3,144	3,661
Hamirpur	—	—	—	—	2,286	5,947
Kangra	—	—	—	—	33,643	45,844
Kinnaur	—	—	—	—	22	38
Kullu	—	—	—	—	4,034	2,688
Lahaul-Spiti	—	—	—	—	—	—
Mandi	—	—	—	—	19,015	27,362
Shimla	—	—	—	—	3,595	5,976
Sirmaur	—	—	—	—	3,406	6,279
Solan	—	—	—	—	2,633	4,685
Una	—	—	—	—	1,732	2,467
State Total	—	—	—	—	75,335	1,10,036

District	Cereals							
	Bajra or Cumbu		Barley		Maize		Ragi or Marua	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
	18	19	20	21	22	23	24	25
Bilaspur	—	1	635	286	24,411	28,519	—	5
Chamba	—	—	5,124	5,550	41,710	50,868	70	188
Hamirpur	—	—	285	180	33,648	43,344	1	9
Kangra	—	14	4,277	3,496	73,207	76,892	—	19
Kinnaur	—	—	2,149	2,720	733	659	54	194
Kullu	—	—	7,081	7,581	32,198	27,163	—	140
Lahaul-Spiti	—	—	912	2,727	40	10	—	—
Mandi	—	—	6,152	6,136	56,717	72,674	4,198	3,779
Shimla	—	—	13,866	8,960	27,994	36,767	1,239	3,681
Sirmaur	14	13	4,380	3,397	46,219	48,882	395	623
Solan	—	—	1,101	1,615	27,796	41,215	—	—
Una	—	—	12	62	36,924	36,664	—	—
State Total	14	28	45,974	42,710	4,01,597	4,63,657	5,957	8,638

V.-B.

of Himachal Pradesh (State) in 1982-83

(In metric tonnes)

Crops	Jowar or Cholam									
	Total		Wheat		Rabi		Kharif		Total	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
	8	9	10	11	12	13	14	15	16	17
	1,825	5,089	34,361	20,750	—	—	—	—	—	—
	3,144	3,661	26,124	17,233	—	—	—	—	—	—
	2,286	5,947	33,926	27,213	—	—	—	—	—	—
	33,643	45,844	96,515	75,281	—	—	—	—	—	—
	22	38	1,198	1,568	—	—	—	—	—	—
	4,034	26,882	24,835	22,173	—	—	—	—	—	—
	—	—	476	905	—	—	—	—	—	—
	19,015	27,362	81,758	64,251	—	—	—	—	—	—
	3,595	59,763	34,495	33,494	—	—	—	—	—	—
	3,406	6,279	45,137	32,125	—	—	1	154	1	154
	2,633	4,685	24,248	17,356	—	—	153	233	153	233
	1,732	2,467	40,288	26,290	—	—	—	—	—	—
	75,335	1,10,036	4,43,361	3,38,639	—	—	154	387	154	387

Cereals	Pulses									
	Italian Millets		Kodo or Varagu		Little & Common Millets		Total Cereals		Gram	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
	26	27	28	29	30	31	32	33	34	35
	—	—	—	—	—	—	61,232	54,650	193	1,895
	—	—	—	—	221	606	76,393	78,106	—	3
	—	—	—	—	—	14	70,146	76,709	180	2,318
	—	—	—	2	—	130	2,02,642	2,01,676	143	1,306
	—	—	—	—	1,052	2,206	5,208	7,385	—	—
	—	—	—	—	1,041	2,052	69,189	63,134	4	11
	—	—	—	1,184	—	535	1,428	4,177	—	—
	—	—	—	—	2,187	385	1,70,027	1,74,923	58	194
	—	—	—	—	2,988	7,947	84,177	96,825	2	13
	—	—	—	—	239	289	99,791	91,762	247	986
	—	—	—	—	—	9	55,931	65,113	17	3,148
	—	—	—	—	—	—	78,956	65,483	708	4,254
	—	—	—	1,186	7,728	14,173	9,80,120	9,79,543	1,552	14,128

TABLE NO.

Total Outturn of Principal Crops in each

District	Food								
	Pulses								
	Other Pulses Kharif and Rabi		Green Gram or Mung		Red Gram (Tur or Arhar)		Black Gram (Urd or Mash)		
	Current	Normal	Current	Normal	Current	Normal	Current	Normal	
1	36	37	38	39	40	41	42	43	
Bilaspur	210	189	1	1	—	1	37	733	
Chamba	3	78	—	1	—	—	496	816	
Hamirpur	2	5	—	1	—	—	92	723	
Kangra	—	696	—	1	—	—	791	1,237	
Kinnaur	156	81	—	—	—	—	—	3	
Kullu	264	138	11	6	—	—	768	1,137	
Lahaul-Spiti	125	288	—	—	—	—	—	—	
Mandi	544	285	2	4	2	—	1,412	1,193	
Shimla	—	170	—	—	—	1	190	746	
Sirmaur	119	72	4	5	2	6	169	628	
Solan	218	14	—	—	4	190	191	1,001	
Una	15	72	17	15	—	67	313	395	
State Total	1,658	2,088	35	34	8	265	4,459	8,612	

Non-Food

District	Non-Food									
	Ginger		Pepper		Turmeric		Cardamom		Bettlelnut	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
1	52	53	54	55	56	57	58	59	60	61
Bilaspur	70	93	—	—	13	13	—	—	—	—
Chamba	—	—	—	—	—	—	—	—	—	—
Hamirpur	1	1	—	—	2	4	—	—	—	—
Kangra	2	7	—	—	—	1	—	—	—	—
Kinnaur	—	—	—	—	—	—	—	—	—	—
Kullu	—	—	—	—	—	—	—	—	—	—
Lahaul-Spiti	—	—	—	—	—	—	—	—	—	—
Mandi	—	7	—	—	—	5	—	—	—	—
Shimla	80	150	—	—	—	—	—	—	—	—
Sirmaur	250	1,286	—	—	3	5	—	—	—	—
Solan	132	190	—	—	—	—	—	—	—	—
Una	—	1	—	—	1	1	—	—	—	—
State Total	535	1,735	—	—	19	29	—	—	—	—

V-B.—concl'd.

District of Himachal Pradesh (State) in 1982-83 —cont'd.

(In metric tonnes)

Crops—cont'd.

—concl'd.

District	Horse Gram		Masur		Total Pulses		Total Food Grains	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
	44	45	46	47	48	49	50	51
Bilaspur	18	227	19	10	478	3,056	61,710	57,706
Chamba	108	83	15	28	622	1,009	77,015	79,115
Hamirpur	30	425	4	15	308	3,487	70,454	80,196
Kangra	193	178	90	160	1,217	3,578	2,08,859	2,05,254
Kinnaur	—	—	—	—	156	84	5,364	7,469
Kullu	56	73	24	33	1,127	1,398	70,316	64,532
Lahaul-Spiti	—	—	—	—	125	288	1,553	4,465
Mandi	545	493	313	300	2,876	2,469	1,72,903	1,77,392
Shimla	91	376	19	39	302	1,345	84,479	98,170
Sirmaur	51	210	125	96	717	2,003	1,00,508	93,765
Solan	73	488	122	100	625	4,941	56,556	70,054
Una	95	58	40	35	1,188	4,896	80,144	70,379
State Total	1,260	2,611	771	816	9,741	28,554	9,89,861	10,08,497

Crops

District	Chillies		Potatoes		Sugar cane		Total Food Crops		Groundnut		Sesamum	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
	62	63	64	65	66	67	68	69	70	71	72	73
Bilaspur	2	2	71	14	73	181	61,939	58,009	—	27	64	208
Chamba	2	7	376	514	—	20	77,393	79,656	—	—	11	16
Hamirpur	—	—	10	10	493	503	70,960	80,714	—	—	39	62
Kangra	9	9	3,998	6,242	269	778	2,13,137	2,12,291	—	—	877	1,390
Kinnaur	—	—	1,293	1,191	—	—	6,657	8,660	—	—	—	—
Kullu	22	35	2,432	3,952	—	—	72,770	68,519	—	2	2	2
Lahaul-Spiti	—	—	6,155	11,510	—	—	7,708	15,975	—	—	—	—
Mandi	23	33	7,337	6,169	51	63	1,80,313	1,83,669	—	7	35	11
Shimla	11	38	6,495	34,537	—	—	91,065	1,32,895	2	2	1	11
Sirmaur	60	90	1,485	2,574	1,719	2,425	1,04,025	1,00,085	56	37	104	103
Solan	1	3	724	935	290	214	57,703	71,396	103	1,438	17	44
Una	7	3	905	804	103	2,336	81,160	73,524	32	19	305	247
State Total	136	220	31,281	68,392	2,998	6,520	10,24,830	10,85,393	193	1,532	1,455	2,094

TABLE NO.

Total Outturn of Principal Crops in each District

Non-Food

District 1	Rape		Mustard		Linseed	
	Current	Normal	Current	Normal	Current	Normal
	74	75	76	77	78	79
Bilaspur ..	139	63	212	77	3	3
Chamba ..	—	—	153	621	13	17
Hamirpur ..	3	5	3	16	—	—
Kangra ..	26	18	137	134	1,369	2,424
Kinnaur ..	5	—	—	—	—	—
Kullu ..	—	—	79	160	—	—
Lahaul-Spiti ..	—	—	7	4	—	—
Mandi ..	—	—	78	55	90	136
Shimla ..	—	—	20	46	—	—
Sirmaur ..	—	6	274	230	1	2
Solan ..	27	83	14	29	2	2
Una ..	19	5	218	54	6	7
State Total ..	219	180	1,195	1,426	1,484	2,591

Non-Food

District 1	Tea		Indian Hemp		Opium		San Hemp	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
	88	89	90	91	92	93	94	95
Bilaspur ..	—	—	—	—	—	—	3	3
Chamba ..	—	—	—	—	—	—	—	—
Hamirpur ..	—	—	—	—	—	—	2	1
Kangra ..	450	901	—	1	—	—	5	8
Kinnaur ..	—	—	—	—	—	—	—	—
Kullu ..	—	—	—	—	—	—	58	80
Lahaul-Spiti ..	—	—	24	—	—	—	—	—
Mandi ..	—	119	—	—	—	—	—	—
Shimla ..	—	—	—	—	—	—	—	—
Sirmaur ..	—	—	—	—	—	—	22	2
Solan ..	—	—	—	—	—	—	2	1
Una ..	—	—	—	—	—	—	11	21
State Total ..	450	1,020	24	1	—	—	103	116

V-B.—concl'd.

of Himachal Pradesh (State) in 1982-83—(concl'd)

(In metric tonnes)

Crops—(cont'd.)

Coconut		Indigo		Tobacco		Coffee	
Current	Normal	Current	Normal	Current	Normal	Current	Normal
80	81	82	83	84	85	86	87
—	—	—	—	14	25	—	—
—	—	—	—	17	30	—	—
—	—	—	—	9	18	—	—
—	—	—	—	24	20	—	—
—	—	—	—	—	—	—	—
—	—	—	—	11	27	—	—
—	—	—	—	—	2	—	—
—	—	—	—	12	26	—	—
—	—	—	—	9	57	—	—
—	—	—	—	1	2	—	—
—	—	—	—	97	208	—	—

Crops—concl'd.

Jute	Cotton In Bales						Total Non-Food Crops		Total Food Crops & Non-Food Crops	
	Current	Normal	Desi		Aemrican		Current	Normal	Current	Normal
			Current	Normal	Current	Normal				
96	97	98	99	100	101	102	103	104	105	
—	—	64	190	—	—	435	406	62,374	58,415	
—	—	—	—	—	—	194	684	77,587	80,340	
—	—	3	23	—	—	47	85	71,007	80,799	
—	—	346	286	—	—	2,873	48,94	2,16,010	2,17,185	
—	—	—	—	—	—	5	—	6,662	8,660	
—	—	—	—	—	—	163	264	72,933	68,783	
—	—	—	—	—	—	31	4	7,739	15,979	
—	—	14	—	—	—	214	355	1,80,527	1,84,024	
—	—	—	—	—	—	23	61	91,088	1,32,956	
—	—	112	117	—	—	469	406	1,04,494	1,00,491	
—	—	147	290	—	—	174	1,654	57,877	73,050	
—	—	357	118	—	—	592	355	81,752	73,879	
—	—	1,043	1,024	—	—	5,220	9,168	10,30,050	10,94,561	

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	30,392	623	27,844	725	58,236	1,348	59,584
Chamba	37,066	172	23,460	2,919	60,526	3,091	63,617
Hamirpur	38,179	324	37,717	118	75,896	442	76,338
Kangra	91,130	6,770	96,582	7,604	1,87,712	14,374	2,02,086
Kinnaur	6,734	147	3,432	—	10,166	147	10,313
Kullu	30,426	121	24,253	645	54,679	766	55,445
Lahaul-Spiti	1,435	61	1,690	14	3,125	75	3,200
Mandi	84,140	311	71,648	2,091	1,55,788	2,402	1,58,190
Shimla	65,950	76	44,138	310	1,10,088	386	1,10,474
Sirmaur	39,259	1,409	35,308	1,339	74,567	2,748	77,315
Solan	33,870	2,994	28,221	349	62,091	3,343	65,434
Una	35,330	3,380	36,215	941	71,545	4,321	75,866
State Total	4,93,911	16,388	4,30,508	17,055	9,24,419	33,443	9,57,862

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

NO. V

Himachal Pradesh (State) in 1982-83

(In hectares)

Area cropped more than once	Net Cropped area	Matured	Failed	Area under Mixed Sowing							
				Cropped area of Forecast Crops		Wheat-Barley (Crop-Mixture)		**Crops at the rate of Mixture			
				Gross ara unad-justd	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	
28,413	31,171	37,618	21,966	—	—	—	—	—	—	—	—
21,480	42,137	39,524	24,093	—	—	—	—	—	—	—	—
37,342	38,996	26,314	50,024	—	—	—	—	—	—	—	—
86,632	1,15,454	1,30,776	71,308	—	—	—	—	—	—	—	—
2,298	8,015	9,321	992	—	—	—	—	—	—	—	—
20,274	35,171	27,142	28,303	—	—	—	—	—	—	—	—
140	3,060	3,150	50	—	—	—	—	—	—	—	—
65,469	92,721	1,13,128	45,062	—	—	—	—	—	—	—	—
38,001	72,473	46,691	63,783	—	—	—	—	—	—	—	—
33,444	43,871	54,202	23,113	—	—	—	—	—	—	—	—
20,117	45,317	39,711	25,723	—	—	—	—	—	—	—	—
32,844	43,022	55,609	20,257	—	—	—	—	—	—	—	—
3,86,454	5,71,408	5,83,136	3,74,726	—	—	—	—	—	—	—	—

**One separate column be given for each crop mixture.

TABLE
Farm Prices during 1982-83 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
Bilaspur ..	139.00	135.00	169.00	149.50	—	—	—	—
Chamba ..	230.33	216.60	164.76	159.08	—	—	—	—
Hamirpur ..	223.00	140.75	173.00	147.00	—	—	—	—
Kangra ..	330.00	248.75	170.00	151.25	—	—	—	—
Kinnaur ..	—	—	237.25	208.75	—	—	—	—
Kullu ..	343.00	252.50	263.00	164.00	—	—	—	—
Lahaul-Spiti ..	—	—	275.00	200.00	—	—	—	—
Mandi ..	200.00	200.00	180.00	125.00	—	—	—	—
Shimla ..	196.00	192.85	203.00	218.14	—	—	—	—
Sirmaur ..	144.50	150.00	159.21	156.17	—	—	150.00	—
Solan ..	161.00	139.50	178.00	160.85	225.00	200.00	200.00	—
Una ..	170.00	130.00	149.00	149.00	—	—	300.00	—
State Average ..	213.55	180.60	193.85	165.73	225.00	200.00	216.66	—

District	Sugar (Gur) raw		Groundnut		Potatoes		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
Bilaspur ..	—	—	—	—	—	—	—	—	—	—
Chamba ..	—	—	—	—	175.00	141.67	—	—	—	—
Hamirpur ..	262.00	325.00	—	—	—	—	538.00	589.00	518.00	—
Kangra ..	—	600.00	—	—	—	—	445.00	412.50	450.00	382.50
Kinnaur ..	—	—	—	—	—	—	—	—	—	—
Kullu ..	—	—	—	—	—	—	—	—	—	762.50
Lahaul-Spiti ..	—	—	—	—	200.00	180.00	—	—	—	—
Mandi ..	—	—	—	—	—	—	550.00	500.00	600.00	—
Shimla ..	—	—	—	285.00	—	—	—	—	—	—
Sirmaur ..	—	206.60	500.00	500.00	—	—	450.00	450.00	650.00	675.00
Solan ..	—	450.00	370.00	370.75	—	—	420.00	420.00	406.50	406.50
Una ..	—	331.67	500.00	435.00	—	—	467.00	509.50	500.00	400.00
State Average	262.00	264.47	456.66	397.69	187.50	160.84	478.33	480.17	520.75	523.30

NO. VI

In Himachal Pradesh (State)

(Per quintal)

Barley		Gram		Maize		Cotton		Black gram	
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
200.00	217.50	368.00	423.50	153.00	125.25	—	—	391.30	425.00
119.37	112.14	—	100.00	150.00	138.19	—	—	—	—
175.00	167.50	326.00	368.00	151.00	130.00	1100.00	—	—	—
150.00	113.75	348.00	362.50	175.00	133.75	—	1300.00	—	—
181.45	155.41	—	—	189.40	178.87	—	—	—	—
135.00	131.00	390.00	400.00	160.00	126.00	—	—	—	—
300.00	200.00	—	—	—	—	—	—	—	—
145.00	130.00	450.00	400.00	150.00	160.00	—	—	—	—
164.30	134.28	500.00	408.33	159.30	150.00	—	—	—	—
125.00	123.33	300.00	366.67	150.00	132.50	900.00	800.00	—	—
179.50	167.50	381.50	467.00	161.60	141.30	1200.00	475.00	—	—
217.00	163.66	339.00	309.67	150.00	143.00	1067.00	967.67	—	—
174.30	151.34	378.05	360.57	159.03	141.71	1066.75	887.92	391.00	425.00

Mustard		Sesamum		Tobacco		Ginger		Garlic		Kuth	
Current year	Last year	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	40	41
—	600.00	687.00	700.00	—	—	—	—	—	—	—	—
—	491.00	833.00	585.00	337.00	271.25	416.00	—	—	300.00	—	—
—	472.50	583.00	531.25	350.00	415.00	—	800.00	—	—	—	—
—	600.00	—	—	—	—	—	—	—	—	—	2000.00
—	680.00	—	800.00	375.00	430.00	550.00	450.00	—	—	—	—
—	700.00	500.00	500.00	—	—	508.04	425.00	—	—	—	—
—	519.30	572.33	572.33	255.00	255.00	418.25	418.25	—	—	—	—
—	400.00	533.00	500.00	—	—	—	—	—	—	—	—
—	557.85	618.05	598.37	329.25	507.58	473.05	523.31	300.00	—	2000.00	—

TABLE

Agricultural Wages in each District of

District	July					
	(Normal No. of working hours)					
	Skilled Labour			Field Labour	Other Agricultural Labour	Herds-men
	Carpenters	Black-smiths	Cobblers			
1	2	3	4	5	6	7
Bilaspur	13.00	11.00	11.00	8.70	6.00	—
Chamba	17.67	14.00	10.00	8.17	8.63	10.00
Hamirpur	14.00	14.00	14.00	8.25	8.25	8.25
Kangra	18.00	18.00	15.00	8.00	8.00	7.00
Kinnaur	7.00	6.50	—	7.72	7.72	6.68
Kullu	20.25	14.75	13.66	10.75	9.00	12.25
Lahaul-Spiti	—	—	—	—	—	—
Mandi	20.00	20.00	20.00	12.00	10.00	8.00
Shimla	15.60	12.00	11.50	7.50	7.17	6.00
Sirmaur	30.00	30.00	30.00	10.00	10.00	10.00
Solan	25.00	25.00	15.00	15.00	15.00	—
Una	22.00	22.00	22.00	12.00	11.10	10.00
State Average	18.41	17.02	14.74	9.46	9.16	7.11

September

(Normal No. of working hours)

District	September					
	(Normal No. of working hours)					
	Skilled Labour			Field Labour	Other Agricultural Labour	Herds-men
	Carpenters	Black-smiths	Cobblers			
1	14	15	16	17	18	19
Bilaspur	13.00	11.00	11.00	8.70	6.00	—
Chamba	17.67	14.00	10.00	8.17	8.63	10.00
Hamirpur	14.00	14.00	14.00	8.25	8.25	8.25
Kangra	18.00	18.00	16.00	8.00	8.00	8.00
Kinnaur	7.00	6.50	—	7.72	7.72	6.68
Kullu	19.75	12.75	12.66	11.55	11.50	9.00
Lahaul-Spiti	—	—	—	—	—	—
Mandi	20.00	20.00	20.00	12.00	10.00	8.00
Shimla	17.60	13.00	13.20	7.90	7.17	8.00
Sirmaur	30.00	30.00	30.00	10.00	10.00	10.00
Solan	25.00	25.00	25.00	15.00	15.00	—
Una	22.00	22.00	23.00	12.00	11.00	11.00
State Average	18.55	16.93	15.89	9.94	9.29	7.89

NO. VII

Himachal Pradesh (State) in 1982-83

(In Rupees per day)

	August					
	(Normal No. of working hours)					
	Skilled Labour			Field Labour	Other Agricultural Labour	Herds-men
	Carpenters	Blacksmiths	Cobblers			
8	9	10	11	12	13	
	13.00	11.00	11.00	8.70	6.00	—
	17.67	14.00	10.00	8.17	8.63	10.00
	14.00	14.00	14.00	8.25	8.25	8.25
	18.00	18.00	16.00	8.00	8.00	8.00
	7.00	6.50	—	7.72	7.72	6.68
	18.25	15.00	12.50	9.50	12.00	9.75
	—	—	—	—	—	—
	20.00	20.00	20.00	12.00	10.00	8.00
	17.60	13.00	13.20	7.90	7.17	8.00
	30.00	30.00	30.00	10.00	10.00	10.00
	25.00	25.00	25.00	15.00	15.00	—
	22.00	22.00	23.00	12.00	11.00	10.00
	19.32	17.13	15.88	19.75	10.34	7.87

October

(Normal No. of working hours)

	October					
	(Normal No. of working hours)					
	Skilled Labour			Field Labour	Other Agricultural Labour	Herds-men
	Carpenters	Blacksmiths	Cobblers			
20	21	22	23	24	25	
	13.00	12.00	12.00	10.50	10.50	—
	17.67	14.00	10.00	8.17	8.63	10.00
	14.00	14.00	14.00	8.25	8.25	8.25
	18.00	18.00	17.00	9.00	9.00	7.00
	7.00	6.50	—	7.72	7.72	6.68
	19.75	14.00	11.75	11.00	11.00	9.00
	—	—	—	—	—	—
	20.00	20.00	20.00	12.00	10.00	8.00
	17.60	13.00	13.20	7.90	7.17	8.00
	30.00	30.00	30.00	10.00	10.00	10.00
	25.00	25.00	15.00	15.00	15.00	—
	21.00	21.00	—	10.00	10.00	7.00
	18.46	16.14	15.88	9.96	9.75	8.21

TABLE 71

Agricultural Wages in each District of

District	November					
	(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 ..	13.00	12.00	12.00	10.50	10.50	—
Chamba ..	17.92	15.92	10.00	10.13	9.13	10.00
Hamirpur ..	14.00	14.00	14.00	8.25	8.25	8.25
Kangra ..	18.00	18.00	17.00	9.00	9.00	7.00
Kinnaur ..	7.00	6.50	—	7.72	7.72	6.68
Kullu ..	18.50	16.25	11.25	10.50	11.00	7.33
Lahaul-Spiti ..	—	—	—	—	—	—
Mandi ..	20.00	20.00	20.00	12.00	10.00	8.00
Shimla ..	23.33	19.33	19.33	11.66	11.66	11.66
Sirmaur ..	30.00	30.00	30.00	10.00	16.00	10.00
Solan ..	25.00	25.00	15.00	15.00	15.00	—
Una ..	22.00	22.00	23.00	12.00	11.00	12.00
State Average ..	18.98	20.82	19.16	11.57	10.30	8.99

District	January					
	(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 ..	13.00	12.00	12.00	10.50	10.50	—
Chamba ..	17.92	15.92	10.00	10.13	9.13	10.00
Hamirpur ..	14.00	14.00	14.00	8.25	8.25	8.25
Kangra ..	18.00	18.00	14.00	8.00	7.00	—
Kinnaur ..	25.00	18.00	—	15.00	15.00	20.00
Kullu ..	25.50	20.25	16.25	12.25	12.75	8.50
Lahaul-Spiti ..	—	—	—	—	—	—
Mandi ..	20.00	20.00	20.00	12.00	10.00	8.00
Shimla ..	23.33	19.33	19.33	11.66	11.66	11.66
Sirmaur ..	30.00	30.00	30.00	10.00	10.00	10.00
Solan ..	25.00	25.00	20.00	20.00	20.00	—
Una ..	22.00	22.00	23.00	11.00	10.00	10.00
State Average ..	21.25	19.50	16.23	11.79	11.30	10.80

NO. VII—contd.

Himachal Pradesh (State) in 1982-83—contd.

(In Rupees per day)

District	December					
	(Normal No. of working hours)					
	Skilled Labour			Field Labour	Other Agricultural Labour	Herds-men
	Carpenters	Blacksmiths	Cobblers			
32	33	34	35	36	37	
Bilaspur ..	13.00	12.00	12.00	10.50	10.50	—
Chamba ..	17.92	15.92	10.00	10.13	9.13	10.00
Hamirpur ..	14.00	14.00	14.00	8.25	8.25	8.25
Kangra ..	18.00	18.00	14.00	8.00	7.00	7.00
Kinnaur ..	7.00	6.50	—	7.72	7.72	6.68
Kullu ..	20.75	15.25	14.33	10.50	11.00	7.33
Lahaul-Spiti ..	—	—	—	—	—	—
Mandi ..	20.00	20.00	20.00	12.00	10.00	8.00
Shimla ..	23.33	19.33	19.33	11.66	11.66	11.66
Sirmaur ..	30.00	30.00	30.00	10.00	10.00	10.00
Solan ..	25.00	25.00	15.00	15.40	15.00	—
Una ..	22.00	22.00	23.00	12.00	11.00	11.00
State Average ..	19.18	18.00	15.60	10.56	10.11	7.26

District	February					
	(Normal No. of working hours)					
	Skilled Labour			Field Labour	Other Agricultural Labour	Herds-men
	Carpenters	Blacksmiths	Cobblers			
44	45	46	47	48	49	
Bilaspur ..	13.00	12.00	12.00	10.50	10.50	—
Chamba ..	17.92	15.92	10.00	10.13	9.13	10.00
Hamirpur ..	14.00	14.00	14.00	8.25	8.25	8.25
Kangra ..	18.00	18.00	14.00	8.00	7.00	—
Kinnaur ..	25.00	18.00	—	15.00	15.00	20.00
Kullu ..	25.50	20.25	16.25	12.25	12.75	8.50
Lahaul-Spiti ..	—	—	—	—	—	—
Mandi ..	20.00	20.00	20.00	12.00	10.00	8.00
Shimla ..	23.33	19.33	19.33	11.66	11.66	11.66
Sirmaur ..	30.00	30.00	30.00	10.00	16.00	10.00
Solan ..	25.00	25.00	20.00	20.00	20.00	—
Una ..	22.00	22.00	23.00	11.00	10.00	10.00
State Average ..	21.25	19.50	16.23	11.79	11.30	10.80

TABLE

Agricultural Wages in each District of

District	March					
	(Normal No. of working hours)					
	Skilled Labour			Field Labour	Other Agricultural Labour	Herds-men
	Carpenters	Blacksmiths	Cobblers			
1	50	51	52	53	54	55
Bilaspur	13.00	12.00	12.00	10.50	10.50	—
Chamba	19.25	15.92	10.50	10.13	9.13	10.00
Hamirpur	14.00	14.00	14.00	8.25	8.25	8.25
Kangra	18.00	18.00	14.00	8.00	8.00	—
Kinnaur	25.00	18.00	—	15.00	15.00	20.00
Kullu	25.50	20.25	16.75	12.25	12.25	8.50
Lahaul-Spiti	—	—	—	—	—	—
Mandi	20.00	20.00	20.00	12.00	10.00	8.00
Shimla	23.75	20.75	18.25	13.75	13.75	12.50
Sirmaur	30.00	30.00	30.00	10.00	10.00	10.00
Solan	25.00	25.00	15.00	20.00	20.00	—
Una	22.00	22.00	23.00	12.00	10.00	11.00
State Average	21.40	19.63	17.30	12.90	11.53	11.03

District	May					
	(Normal No. of working hours)					
	Skilled Labour			Field Labour	Other Agricultural Labour	Herds-men
	Carpenters	Blacksmiths	Cobblers			
1	62	63	64	65	66	67
Bilaspur	13.00	12.00	12.00	10.50	10.50	—
Chamba	19.25	15.92	10.00	11.13	10.13	12.00
Hamirpur	14.00	14.00	14.00	8.25	8.25	8.25
Kangra	18.00	18.00	14.00	8.00	7.00	—
Kinnaur	25.00	18.00	—	15.00	15.00	20.00
Kullu	25.50	20.25	16.25	12.75	12.75	8.50
Lahaul-Spiti	—	—	—	—	—	—
Mandi	20.00	20.00	20.00	12.00	10.00	8.00
Shimla	23.75	20.75	18.25	13.75	13.75	12.50
Sirmaur	30.00	30.00	30.00	10.00	10.00	10.00
Solan	25.00	25.00	20.00	20.00	20.00	—
Una	22.00	22.00	23.00	12.00	11.00	10.00
State Average	21.40	19.70	12.09	12.53	12.58	10.16

No. VII—concl'd.

Himachal Pradesh (State) in 1982-83—concl'd.

(In Rupees per day)

April					
(Normal No. of working hours)					
Skilled Labour			Field Labour	Other Agricultural Labour	Herds-men
Carpenters	Blacksmiths	Cobblers			
56	57	58	59	60	61
13.00	12.00	12.00	10.50	10.50	—
19.25	15.92	10.00	11.13	10.13	12.00
14.00	14.00	14.00	8.25	8.25	8.25
18.00	18.00	14.00	8.00	7.00	—
25.00	18.00	—	15.00	15.00	20.00
25.00	19.25	15.75	12.25	12.00	8.50
—	—	—	—	—	—
20.00	20.00	20.00	12.00	10.00	8.00
23.75	20.75	18.25	13.75	13.75	12.50
30.00	30.00	30.00	10.00	10.00	10.00
25.00	25.00	20.00	20.00	20.00	—
22.00	22.00	23.00	12.00	11.10	10.00
21.36	19.61	17.27	12.04	12.51	10.16

June					
(Normal No. of working hours)					
Skilled Labour			Field Labour	Other Agricultural Labour	Herds-men
Carpenters	Blacksmiths	Cobblers			
68	69	70	71	72	73
13.00	12.00	12.00	10.50	10.50	—
19.25	15.92	10.00	11.13	10.13	12.00
14.00	14.00	14.00	8.25	8.25	8.25
19.00	19.00	15.00	8.00	7.00	—
25.00	18.00	—	15.00	15.00	20.00
24.25	20.75	16.25	12.25	12.25	8.50
—	—	—	—	—	—
20.00	20.00	20.00	12.00	10.00	8.00
23.75	20.75	18.25	13.75	13.75	12.50
30.00	30.00	30.00	10.00	10.00	10.00
25.00	25.00	20.00	20.00	20.00	—
22.00	22.00	23.00	12.00	11.00	10.00
21.45	19.76	16.23	12.04	11.62	10.16

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

District	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	21,73,663

District	Live			
	Total Yaks	Total Bovine	Total Goats	Total Sheep
	14	15	16	17
Bilaspur	—	1,41,502	60,893	34,154
Chamba	164	2,82,019	1,73,169	2,69,923
Hamirpur	—	1,50,775	39,350	58,877
Kangra	—	5,57,450	1,48,425	90,833
Kinnaur	611	23,298	20,148	47,168
Kullu	—	1,55,321	63,032	1,11,719
Lahaul-Spiti	2,131	10,019	11,422	43,233
Mandi	—	4,83,228	1,89,796	1,94,021
Shimla	2	3,55,244	1,04,011	1,64,958
Sirmaur	—	2,58,577	1,08,482	38,832
Solan	—	2,14,937	74,825	25,429
Una	—	1,61,203	66,309	11,175
State Total	2,908	27,93,573	10,59,860	10,90,322

NO. VIII

Implement in each District of Himachal Pradesh (State) in 1982-83
Census in 1982-83 (Based on Cattle Census, 1982)

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	
—	—	1	3	1	5	
38	24	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.

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	502
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	2196
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	—	2066
493	360	148	1,001	1,348	114	94	1828
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				
	Total livestock	Poultry			Total Poultry
1	27	Fowls (Hens, Cocks and Chickens) 28	Ducks (Ducks, Drackes and Ducklings) 29	Others 30	31
Bilaspur ..	2,37,582	32,797	7	—	32,804
Chamba ..	7,27,149	46,833	4	—	46,838
Hamirpur ..	2,50,236	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	197	115	4,61,285

NO. VIII—concl.*Implements in each District of Himachal Pradesh (State) in 1982-83—concl.*

Census in 1982—concl.

(Based on Cattle Census, 1982)

concl.

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