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FOREWORD

This issue of State Annual Season & Crop Report for the Agriculture Year 1998-99 attempts to serve as ready compendium of Agricultural conditions of H. P. State with statistical data on important variables, such as land use profile, crop-wise irrigated and un-irrigated area, source-wise net/gross irrigated area, cropping pattern, production crop-wise, season-wise rainfall data, farm harvest prices. This report also includes Livestock & Agricultural Census Data.

I would like to place on record my appreciation for the collective team work done by the Deputy Commissioners, Sub-Divisional Officers (Civil), District Revenue Officers, Tehsildars, Naib-Tehsildars, Field Kanungos and Patwaris and revenue functionaries whose inputs have gone into bringing this report in present shape. I also record my kudos for the Statistical Assistants of this department posted in the Deputy Commissioners offices, associated with this work and have taken responsibility for preparing the district report.

At the State Headquarters the report has been compiled by Shri Arvind Kashyap, Assistant Research Officer, under guidance of Shri Santosh Raj Sharma and Shri R. R. Sandhu, the Director of Agricultural Census and the Research Officer, respectively.

I hope this publication would prove of immense help to Government Offices, Research Workers & Planners alike, related with agricultural activities.

Shimla :
Dated :

C. P. PANDEY,
Commissioner (Revenue),
Himachal Pradesh, Shimla-9.

INTRODUCTION

The Annual Season and Crop Report 1998-99 is an annual publication of State Government, attempting to reflect the land-use pattern, district-wise, as well as, corresponding data on production structure of agriculture viz., land classification, month-wise and season-wise rainfall data, source-wise net irrigated area, crop-wise gross irrigated area, farm harvest prices, agricultural wages. This report also incorporates data on quinquennial Livestock Census—1992 and holding-wise agrarian structure as observed during Agricultural Census—1995-96.

This report presents all the statistical data in metric units i.e. area in hectares and production in metric tonnes.

PHYSICAL FEATURES :

Himachal Pradesh with its attractive valleys, snowcovered peaks, various varieties of flora and fauna, lakes and rivers, temples and monasteries and its simple living inhabitants rearing flocks and growing horticultural crops offers a captivating panorama for the tourists. Besides, its undulating terrain varying within altitudes from 350 meters to 6975 meters above the mean sea-level is situated in the lap of Himalayan ranges in the North-West of India. Geographically, it is bordered by State of Haryana in the South, Uttar Pradesh in the South East and Jammu and Kashmir in North, Punjab in the West and South-West and Tibet in the East. It is situated between 30°-22'-44" to the 33°-12'-40" North latitude and 75°-47'-55" to 79°-04'-22" East Longitude.

The State came into existence as a Part "C" State of the Indian Union on April 15, 1948 as a result of the merger of 30 Punjab and Shimla Hill Princely States. At that time, the State had only four districts, viz., Chamba, Mahasu, Mandi and Sirmaur with a total area of 27168 sq. kms. In 1954, the neighbouring 31st State of Bilaspur was integrated with Himachal Pradesh, thereby one more district was added to its territory raising the total geographical area of the State to 28237 sq. kms. Further, in May, 1960, a new border district of Kinnaur was made out of Mahasu district on account of administrative reasons. With the reorganization of States on November 1, 1966, four more districts namely Kangra, Kullu, Lahaul-Spiti and Shimla of Punjab were integrated with Pradesh, thereby increasing the geographical area, virtually doubled. On January 25, 1971, this Pradesh attained the status of full Statehood. On 1st September, 1972 two more districts of Una and Hamirpur were carved out of Kangra district and then district Mahasu was reorganized in the form of new districts of Shimla and Solan.

Thus, at present, the State of Himachal Pradesh is spread over an area of 55673 sq. kms. as per the Survey General of India, comprises of 12 districts, namely Bilaspur, Chamba, Hamirpur, Kangra, Kinnaur, Kullu, Lahaul and Spiti, Mandi, Shimla, Sirmaur, Solan and Una. The State Headquarter is located at Shimla, which has unique existence on the National as well as International map due to its scenic beauty and historicity.

CLIMATIC AND AGRO-CLIMATIC ZONES:

Location of Himachal Pradesh, as its name suggests, lies in the Himalayan ranges. The terrain varies as one moves from South to North and from West to East. Due to its varying altitudes, the climate also varies from mild to cold. Another factor which also changes the climate from place to place is that the five major rivers flow through this State, viz., Beas in Kullu, Mandi and Kangra, Satluj in Kinnaur, Shimla and Bilaspur, the river Ravi is passing through Chamba and the river Yamuna having its major tributaries in Districts Shimla and Sirmaur. The fifth river Chenab flows through the district of Lahaul-Spiti and some parts of Chamba district.

All these factors and geographical locations of the State provide suitable climate and varying agro-climate zones for growing horticultural and off-season vegetables which will certainly change the economic standards of rural people in the times to come.

The area of the state can be geographically divided into the following five categories of zones:—

(i) *Valleys upto an elevation of 1000 meters:*

These are fertile lands and can be subjected to intensive cultivation.

(ii) *Low Hills:*

These have an altitude of 1000 meters to 2000 meters above the mean sea level and these lands are suitable for horticulture crops.

(iii) *High Hills:*

These area lies between 2000 meters and 3500 meters above the mean sea level and are sparsely populated. They are good for raising forests.

(iv) *Alpine Zones:*

Above 3500 meters. These zones are good for grazing.

(v) *The Land of Snows:*

Without vegetation.

PRECIPITATION AND ITS SPREAD:

Land Use Profile (Table-II) is preceded by detailed season-wise information on rainfall statistics for the year 1998-99. It is a fact that precipitation is most important input not only for the germination of crops seed but also for its subsequent growth and maturity. The quantum of rainfall and proper distribution are the most crucial variables for a State like Himachal Pradesh where the development of irrigation infrastructure is severally restricted by its topography. The extent of assured area irrigated during the year under review is 18.8 per cent

of the total cropped area rainfed and 81.2 per cent area is still unirrigated. The following considerations are also important while talking about the concept of assured irrigation:—

1. The dominant share of net irrigated area is attributable to the common source of irrigation viz., Kuhl, which is nearly 82%. These kuhl are water channels led from the source of water to the fields.
2. The production of crops depends upon the quantum of timely rainfall and its proper distribution during the crop seasons. The distribution of rainfall is indicated by the number of rainy days shown against each district in Table-I of the Report.

CLASSIFICATION OF AREA UNDER LAND UTILIZATION:

Land use classification is the systematic arrangement of various types of available land on the basis of certain defined characteristics, mainly to identify and understand their fundamental utility. Thus land must be carefully preserved & utilized so that it may fulfill our multifarious requirements. The Table-II (Detailed Tables) of this report reveals the district-wise land use profile of the State. The total geographical area of the State according to Surveyor General of India is 55,67,300 hectares or 55,673 sq. kms. In comparison to this geographical area, the total cadastrally surveyed area by village papers in the State during the year under review comes to 45,30,672 hectares revealing thereby that 10,36,628 hectares of area is unsurveyed and is not appearing in revenue records. The magnitude of such area in the aforesaid year was 18.6 per cent of the total geographical area, a major part of which falls into the Districts of Kinnaur and Kullu. The accompanying Table-I depicts the break-up of the reporting area during the year 1998-99 vis-a-vis the preceding year 1997-98.

TABLE-I—CLASSIFICATION OF REPORTING AREA 1997-98 AND 1998-99 :

Sl. No.	Category	1997-98		1998-99	
		Area	%	Area	%
1	2	3	4	5	6
1.	Forests	10,86,548	25	10,92,384	24
2.	Barren & Unculturable land.	7,75,896	18	9,05,730	20
3.	Land put to non-agricultural uses.	2,24,791	5	2,33,110	5
4.	Permanent pastures and other grazing lands.	13,40,222	31	14,91,072	33
5.	Land under misc. tree crops and groves not included in area sown.	97,527	2	67,053	2
6.	Culturable waste	1,03,942	3	1,07,393	2

1	2	3	4	5	6
7.	Other fallow land	22,706	1	27,706	1
8.	Current fallow land	55,410	1	56,905	1
9.	Net area sown	5,60,154	14	5,49,419	12
10.	Total reporting area by village papers (1 to 9).	42,67,196	100	45,30,672	100
11.	Total cropped area	9,86,338	23	9,70,136	21
12.	Area sown more than once.	4,26,184	10	4,20,717	9

I. FORESTS:

All actually forested area on lands classed or administered as forests, covered by any legal enactment dealing with forests, whether State owned or private and whether wooded or maintained as potential forest land, comes under the category of "forests".

If any portion of private forest land is not actually wooded but is put to some agricultural uses then that portion of land shall be included under the appropriate heading of cultivated or uncultivated land. However, this will not apply to the State owned forests.

A glance at Table-I shows that the area under this category has increased this time to 5,836 hectares as compared to last year. Area under forest is 10,92,384 hectares during the year 1998-99 as against 10,86,548 during the year 1997-98. This accounts for 24% of the total area.

II. BARREN AND UNCULTURABLE LANDS :

This category of land-use classification includes all barren and unculturable lands like mountains, deserts etc., which cannot be brought under cultivation except at an exorbitant cost. These lands can lie in isolated blocks or may lie within cultivable holdings.

This account for only 20 per cent of the total reporting area during the year under report and reasons for this huge increase in the area is due to settlement operations and actual figures are now taking their own shape. In absolute terms it is 9,05,730 hectares.

III. LAND PUT TO NON-AGRICULTURAL USES:

As the name suggests, this category includes all lands which are put to uses other than agricultural viz., lands occupied by buildings, roads, railways, rivers and canal etc.

During the year under review, the total area under this category accounts for 5 per cent of the total reported area. In absolute terms, the total area under the category is 2,33,110 hectares during 1998-99 as against 2,24,791 hectares for 1997-98.

IV. PERMANENT PASTURES AND OTHER GRAZING LANDS:

This includes all grazing lands whether they are permanent pastures or not. The village common grazing lands are also included under this head. The land under this category forms the largest chunk of the reporting area and is 33 per cent. In absolute terms such area is to the extent of 14,91,072 hectares during 1998-99 as against 13,40,222 hectares during 1997-98. The upward land trend under this category is attributable to the ongoing settlement operations in the State.

V. LAND UNDER MISC. TREE CROPS AND GROVES NOT INCLUDED IN NET AREA SOWN:

This includes all such land which is not included in Net Area Sown but it is put to some agricultural uses. It includes the land under misc. trees etc. i.e. land under casurina tree, thatching grasses, bamboo bushes and other groves for fodder/fuel purposes. The area under this head is 67,053 hectares which is only 2% of the reporting area during the year under review.

VI. NET AREA SOWN :

This represents the net area sown under crops counting area sown more than once only once in the same year.

The net area sown during the year 1998-99 was 5,49,412 hectares as against 5,60,154 hectares during the year 1997-98. It constituted 12 per cent of the reporting area during the year under report.

VII. TOTAL CROPPED AREA :

It is sum total of all areas sown under all crops during the year under review, treating "areas sown more than once" separately for each crop. This area during the year 1998-99 was 9,70,136 hectares as against 9,86,338 hectares during the year 1997-98.

VIII. CULTURABLE WASTE LANDS :

This comprises of all lands available for cultivation whether taken up for cultivation or abandoned after a few years for one reason or the other. Such lands may be either fallow or covered with shrubs or 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 or more in succession shall be included under this head. The land under this category forms 2% of the total reporting area. The area during the year under report was 1,07,393 as against 1,03,942 in the year 1997-98.

IX. OTHER FALLOW LANDS :

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.

or not more than five years. The reason for keeping such land fallow may be one of the following:—

- I. Poverty of Cultivator
- II. Inadequate supply of water
- III. Unfavourable weather conditions
- IV. Silting of Canals and rivers
- V. Unremunerative nature of farming

Such lands are also classified as "Banjar Jadid" in the parlance of the Revenue Department. The extent of such lands during the year 1998-99 is only 1 per cent of the total reporting area.

X. CURRENT FALLOWS:

This represents cropped areas which are kept fallow during the current year. For example, if any seeding area is not cropped again in the same year, it may be treated as current fallows. The land under this category also forms 1 per cent of the total reporting area for the year 1998-99. There is increase of 1495 hectares under this category of land as compared to the last year.

INTENSITY OF CROPPING:

Intensity of cropping means the index of intensive cultivation and is expressed as a ratio of gross area sown to net area sown. It is conveniently expressed as percentage and is calculated as under:—

$$R = \frac{\text{Gross Cropped Area}}{\text{Net Area Sown}} \times 100$$

Table-II depicts the said ratio district-wise for the year 1998-99 and for the State it is 176.6 per cent. The district-wise position is also given hereunder.

TABLE-II—DISTRICT-WISE INTENSITY OF CROPPING FOR THE YEAR 1997-98 VIS-A-VIS 1998-99:

Sl. No.	Name of District	Year 1997-98			Year 1998-99		
		Net area sown	Total cropped area	Intensity	Net area sown	Total cropped area	Intensity
1	2	3	4	5	6	7	8
1.	Bilaspur	30,771	59,351	192.8	29,608	55,923	188.9
2.	Chamba	42,387	66,337	156.5	39,556	66,540	168.2
3.	Hamirpur	86,418	71,654	196.7	36,438	71,615	196.5
4.	Kangra	1,19,058	2,22,580	186.9	1,18,521	2,22,487	187.7
5.	Kinnaur	7,602	9,970	131.1	7,517	9,334	124.2

1	2	3	4	5	6	7	8
6.	Kullu	36,603	63,108	172.4	36,524	60,979	167.0
7.	Lahaul & Spiti	3,238	3,318	102.4	3,219	3,358	104.3
8.	Mandi	91,127	1,63,669	179.6	85,786	1,61,101	187.8
9.	Shimla	71,089	1,07,065	150.6	70,782	1,04,406	147.5
10.	Sirmaur	42,201	78,437	185.8	42,488	78,282	184.2
11.	Solan	39,438	65,666	166.5	39,650	65,442	165.0
12.	Una	40,252	75,183	186.7	39,330	70,669	179.7
Total of H.P. ...		5,60,154	9,86,338	176.0	5,49,419	9,70,136	176.6

TABLE-III—CROPPING INTENSITY DURING THE LAST FIVE YEARS:

Intensity of cropping

Sl. No.	Name of District	Year 1994-95	Year 1995-96	Year 1996-97	Year 1997-98	Year 1998-99
1.	Bilaspur	186.8	193.0	191.3	192.8	188.9
2.	Chamba	151.4	158.9	140.8	156.5	168.2
3.	Hamirpur	195.5	194.8	190.7	196.7	196.5
4.	Kangra	180.4	180.5	182.7	186.9	187.7
5.	Kinnaur	122.1	131.2	125.8	131.1	124.2
6.	Kullu	162.6	157.7	177.6	172.4	167.0
7.	Lahaul-Spiti	104.4	103.6	104.4	102.4	104.3
8.	Mandi	173.3	171.9	172.6	179.6	187.8
9.	Shimla	143.3	146.0	144.6	150.6	147.5
10.	Sirmaur	188.8	183.0	183.1	185.8	184.2
11.	Solan	168.1	161.7	158.8	166.5	165.0
12.	Una	170.4	174.1	179.3	186.7	179.7
H. P. State average ..		170.3	171.8	170.6	176.0	176.6

Table-II reveals that ratio of cropping intensity was highest in Hamirpur district i.e. 196.5% for the year 1998-99. Similar trend can be seen in Table-III, during the last 5 years except for year 1996-97 as Hamirpur district was at the top. The cropping intensity was lowest in tribal district of Lahaul & Spiti (104.3%). The logical conclusions emerge from Table-II and Table-III as follows:—

- (i) Comparatively, the cropping intensity is greater in low lying areas as compared to higher altitude areas because low lying areas can be subjected to more intensive tillage cultivation.

- (ii) The ratio of cropping intensity is low in Tribal district of H. P., namely Lahaul & Spiti 104.3% and Kinnaur 124.2%. The reasons for low intensity can be attributed to these districts that these districts are single cropped zones and not viable for repeated cropping owing to mountainous and snow bound areas, mostly for 5 to 6 months. Besides, the intensity of cropping also being influenced by snow bound conditions and other factors, such as irrigation infrastructures, agro climatic conditions and source of finance of the farmers at the time of sowing and harvesting season.

IRRIGATION INTENSITY :

The idea of irrigation intensity is analogous to cropping intensity and symbolizes as follows:—

$$R = \frac{\text{Gross Irrigated Area}}{\text{Net Area Irrigated}} \times 100$$

The Table-IV exhibits the ratio of irrigation intensity for the State as 179.8%. It can also be seen from the Table that it is highest in District Kangra 203.5%, followed by District Mandi 198.2%, Hamirpur 194.7%, Sirmaur 184.3%, Bilaspur 182.9%, Solan 180.4%, Una 165.4%, Kullu 150.9%, Shimla 145.6%, Chamba 131.4%, Kinnaur 126.1% and Lahaul & Spiti 104.3%.

The scope for the increase in irrigation intensity is limited due to hilly terrain of the State, but promising system such as conserving the water through watershed schemes. Drip and sprinkler irrigation is being introduced by the Government so as to increase the extent of irrigation intensity. These new systems can be harnessed by the growers to improve the agricultural practices and individual economy.

TABLE-IV—DISTRICT-WISE IRRIGATION INTENSITY FOR THE YEAR:

Sl. No.	Name of District	Year 1997-98			Year 1998-99		
		Net irrigated area	Gross irrigated area	Intensity %age	Net irrigated area	Gross irrigated area	Intensity %age
1	2	3	4	5	6	7	8
1.	Bilaspur	3,164	5,744	181.5	3,164	5,788	182.9
2.	Chamba	6,165	7,067	114.6	6,165	8,098	131.4
3.	Hamirpur	1,790	3,464	193.5	1,790	3,485	194.7
4.	Kangra	32,194	66,218	205.6	32,194	65,504	203.5
5.	Kinnaur	4,335	5,869	135.3	4,293	5,413	126.1
6.	Kullu	2,502	2,502	100.0	1,502	2,267	150.9
7.	Lahaul-Spiti	3,318	3,318	100.0	3,219	3,358	104.3
8.	Mandi	13,139	24,654	187.6	12,697	25,170	198.2

1	2	3	4	5	6	7	8
9.	Shimla	2,509	6,415	255.6	5,076	7,390	145.6
10.	Sirmaur	14,119	26,180	185.4	14,308	26,363	184.3
11.	Solan	11,620	16,642	143.2	9,530	17,191	180.4
12.	Una	7,762	12,351	159.1	7,572	12,527	165.4
H. P. State ..		1,02,617	1,80,424	175.8	1,01,510	1,82,554	179.8

PRODUCTIVITY OF CROPS :

Productivity or yield per unit hectare is one of the major indicator of production possibilities, two types of methods are currently practised in determining the production per hectare of crops in the State.

(i) Random Sampling Method to estimate the yield per hectare in respect of five major crops viz. Maize, Paddy, Wheat, Barley and Potato is being applied in the State. The crop cutting experiments by random sampling method are being conducted jointly by the field staff of Revenue and of Agriculture Department. The results of crop-cutting experiments so obtained are being used to estimate the yield rates and production thereof.

(ii) The productivity in respect of all remaining crops is being estimated on the basis of crop cutting experiment by traditional method or Annawari method. These experiments at the field level are also being conducted jointly by the Department of Revenue & Agriculture. The yield/hectare in respect of five major crops for the year 1997-98 *vis-a-vis* 1998-99 is tabulated in Table-V is as under:—

TABLE-V—PRODUCTIVITY OF FIVE MAJOR CROPS:

Sl. No.	Name of crops	Yields/hectare in kgs. 1997-98	Yield/hectare in kgs. 1998-99
1.	Maize	1,990	2,201
2.	Paddy	1,397	1,423
3.	Wheat	1,699	1,267
4.	Barley	1,492	1,038
5.	Potato	8,458	11,772

CROPPING PATTERN :

Table-VI shows the crop-wise % age distribution of total cropped area i. e. area sown under food and non-food crops. This table also

indicates total out-put for the 1998-99 as against the preceding year 1997-98. An analytical study of this table gives following results:—

- (i) As usual it shows that the economy of the State is Agricultural based and majority of the population is sustaining on the agricultural out-put, 96.7% of the total area sown under all crops is covered by food crops and 3.3% by non-food crops. The food crops constitute 99.3 per cent & non food about 0.7% of the total out-turn of the crops grown.
- (ii) Under food crops, it is the cereal crops viz. Wheat, Barley, Maize, Paddy and other cereals which accounts for major share of area as well as production of the crops sown. The cereal crops contribute 83.1 per cent of the total cropped area and 86.3 per cent to the total output. Keeping in mind the peculiar physical & agroclimatic conditions of the State, the scope to bring more area under cultivation is severely limited and available land is exhaustively used for raising cereal crops for the purpose of self-subsistency of the rural masses.
- (iii) A look at pulses crops would reveal that area under these crops is just 3.5 per cent of the total cropped area with corresponding share 1.6 per cent in total production.
- (iv) The only shift in area, if any is clearly visible in respect of area under horticultural crops. The total area under fruit and vegetables during the year 1998-99 aggregates 9.3 per cent of total cropped area. The vegetables crops account for 10.1 per cent of the total output. It is mentioned here that methodology for estimating production under fruit crops in the State is yet to be finalized and for this reason production statistics for such crops have not been included in the tabular data of Table-IV of the report.
- (v) The total output for the year 1998-99 i.e. 15.5 lacs metric tonnes which is lower as compared to corresponding figures of 16.12 lacs metric tonnes for the year 1997-98. This is due to decrease in the total cropped area in absolute terms and inclement weather conditions.
- (vi) The present production estimates do not depict the output statistics of fruit and some vegetable crops & one has to concede that over all production estimates do not give actual position of crop production. However, this department is presently involved in implementing a Centrally Sponsored Scheme on fruit and vegetables so that a comprehensive survey on area and production of fruit and vegetable is completed at the earliest and such production and estimates are subsequently generated.
- (vii) Of late, the State is making a headway in augmenting area under the crops of Apple, Potato, Gingers, Peas, Hop; and Kuth and Cabbage etc. Though the scope for increasing area under these crops is limited yet in view of their cash earning potential, it is hoped that these crops are bound to induce some welcome change in the economic position of peasantry class.

TABLE-VI—PERCENTAGE OF DISTRIBUTION AREA AND OUT-PUT FOR THE YEARS 1997-98 AND 1998-99:

Sl. No.	Name of Crop	1997-98				1998-99			
		Area in hectare	%age	Output in mts.	%age	Area in hectares	%age	Output in mts.	%age
1	2	3	4	5	6	7	8	9	10
1.	Maize	3,11,861	31.6	6,20,684	38.5	3,00,976	31.0	6,62,282	44.0
2.	Paddy	86,178	8.7	1,20,444	7.5	82,125	8.5	1,16,997	7.8
3.	Wheat	3,77,343	38.2	6,41,405	39.7	3,79,718	39.1	4,81,267	32.0
4.	Barley	27,693	2.8	41,335	2.6	26,752	2.8	27,756	1.8
5.	Other Cereals.	16,485	1.7	10,303	0.6	16,927	1.7	10,158	0.7
6.	Total cereals (1 to 5).	8,19,560	83.0	14,34,071	88.9	8,06,498	83.1	12,98,460	86.3
7.	Total Pulses.	35,930	3.6	25,717	1.6	33,849	3.5	23,771	1.6
8.	Total food grains.	8,55,490	86.8	14,59,788	90.5	8,40,347	86.6	13,22,231	87.9

1	2	3	4	5	6	7	8	9	10
9.	Total Fruits.	55,529	5.6	—	—	56,768	5.9	—	—
10.	Total Vegetables.	33,745	3.4	1,22,653 (Potatoes only)	7.6	33,240	3.4	1,53,303 (Potatoes only)	10.1
11.	Other Food Crops.	7,250	0.7	19,273	1.2	7,382	0.8	19,096	1.3
12.	Total Food Crops.	9,52,011	96.5	16,01,714	99.3	9,37,737	96.7	14,94,630	99.3
13.	Total Non-food Crops.	34,324	3.5	10,547	0.7	32,399	3.3	10,142	0.7
14.	Total Food & Non-food Crops.	9,86,338	100.0	16,12,261	100.0	9,70,136	100.0	15,04,772	100.0

FARM HARVEST PRICES :

The data appended in Table-VII given below provides a comparative position of farm harvest prices for the year 1998-99 as against the preceding year 1997-98. The Farm Harvest Prices indicate the wholesale prices/ quintal of the produce at the farm site which is exclusive of transport and other cartage costs etc. It is defined as the average wholesale price at the village site during the specified harvest period and is arrived at on the basis of prevalent prices at the pre-selected centres.

TABLE-VII—FARM HARVEST PRICES OF MAJOR CROPS FOR THE YEAR 1997-98 AND 1998-99:

(Prices in Rupees/Quintal)

Sl. No.	Crop	Year 1997-98 in Rs.	Year 1998-99 in Rs.
1.	Paddy	529	711
2.	Maize	484	508
3.	Wheat	539	615
4.	Barley	507	563
5.	Gram	1612	1588
6.	Groundnut	1900	1673
7.	Rapeseed-Mustard	1890	1959

AGRICULTURAL WAGES :

The accompanying Table-VIII indicates the position of agricultural wages per day in respect of skilled and un-skilled workers for the year 1997-98 and 1998-99. The data appearing in the Table exhibits the position of the State, as a whole.

TABLE-VIII—AGRICULTURAL WAGES/DAYS FOR THE YEAR 1997-98 AND 1998-99:

Sl. No.	Category of labour	Year 1997-98 in Rs.	Year 1998-99 in Rs.
1.	Carpenter	96	102
2.	Blacksmith	90	96
3.	Cobblers	82	93
4.	Field labour	65	61
5.	Other agricultural labour	59	60
6.	Herdsmen	55	57

The increase in daily wages of all categories of labour that is skilled or unskilled was due to general price-rise and scarcity of labour.

1. SEASON AND CROP REPORT

EXPLANATORY NOTE

18.11.—This should be a comprehensive report of the main agricultural features of the year and should explain and comment upon the figures given in the main tables. In this note all topics on which tables are given in the Report should be covered one by one and discussed with reference to the conditions prevailing in the year as compared to the conditions prevailing in the previous years. The heading and a brief outline of each item to be covered is given below:—

I. Introduction.—(i) General characteristics of the year to which the Report relates,

(ii) the geographical area,

(iii) total number of villages,

(iv) extent of reporting and non-reporting areas, etc.

II. Rainfall.—(i) One paragraph on each of the main rainfall seasons of the State,

(ii) rainfall and other weather conditions in the different regions of the State, their effects on the different agricultural operations—especially on the area sown, growth and yield of the crops,

(iii) any damage caused to the crops.

III. Classification of Area.—(i) Utilization of land during the year, any marked departures from the normals and their causes.

IV. Irrigation.—(i) Sources of Irrigation, any additions during the year,

(ii) area irrigated-total, crop-wise and source-wise any departures from normals,

(iii) proportion of irrigated area to total sown area.

V. Crop acreages.—(i) Total area sown as compared with normal,

(ii) total area under different crops, their comparison with normals,

(iii) any other changes in crop acreages,

(iv) any increase in area sown due to new reclamations or use of improved methods of classification.

VI. Yield per hectare of crops.—(i) The normal yields,

(ii) the condition factor,

(iii) total; and

(e) The number of oil-engines.

3.3 As regards item (ii) above *viz.* classification of the total irrigated area according to the sources of irrigation the classification given here is identical with that in the Indian Agricultural Statistics.

3.4 Other miscellaneous details like the number of wells having independent ayacuts, number of wells supplementing recognised sources of irrigation and percentage of area irrigated by wells having independent ayacuts to the total area irrigated etc., may also be shown in this table where available.

3.5 Table III B shows the total irrigated (Gross) acreage under each crop in each district/tehsil. This information is essential since the normal rates of outturn for irrigated and unirrigated tracts under any crop differ widely from each other and it is essential for forming a correct estimate of the total outturn, to know separately the irrigated and unirrigated areas under all the crops.

4. Total Area Under Specified Crops (Tables IV A, B and C)

4.1 The purpose of table IV is to show area shown in different crops. For this table the crops are first divided into two classes *i. e.* under food and non food crops. Each of these are further subdivided into various groups. To have detailed information regarding the utilization of area under the different groups, the list of crops in the manual has been made very comprehensive. Where the crops given in the manual are not grown, they may be omitted from the list. With a view to make the table less unwieldy, the table has been split up into two (Tables IV A & IV B) giving the areas under food and non-food crops respectively.

4.2 The normal figures are to be given in all cases, normal area under any crop taken to be the average of the area under the crop in the previous five years. In addition to tables IV A & IV B, another table IV C may be given in all the Season and Crop Reports showing the gross cropped area in the year sub-divided according to the two (or more) main agricultural seasons *viz.* Kharif and Rabi. (Districts having agricultural seasons other than Kharif and Rabi may give figures for their own seasons) the area cropped more than once and the net cropped area.

4.3 The total matured and failed cropped area of the final forecast report is to be given in this table. Area sown under the various crops in this table is the aggregate of the matured and failed area. Area sown under each crop represents the area actually sown, irrespective of whether the crop reaches maturity or not except in cases where the land after the failure of the first crop is devoted to another crop.

4.4 To have an idea of the extent to which mixed sowings take place for major crops, the gross unadjusted acreage under the various major

crop-mixtures may also be shown for which columns have been provided in this table.

5. Out-turn of crops (Tables V A and B)

5.1 Under this head information is required on the following points:—

(a) The standard yield per hectare, the seasonal factor, and the yield per hectare attained in the year under report.

The standard or normal yield represents the average out-turn on an average soil in a year of average character. The estimates of production are obtained as a product of 'Area' multiply by 'Normal Yield' and again multiply by 'Condition Factor'. The revision of normal yield is ordinarily made once in five years.

- (iii) causes affecting favourably or adversely on the yields of different crops,
 - (iv) any increase in yield per hectare due to use of improved seeds or fertilizers.
- VII. **Total out-turn of crops.**—(i) The total production of different crops compared to normals, causes for significant departures.
- VIII. **Farm prices.**—(i) Important change in the farm prices due to :
- (a) Change in the total out-turn of the crop,
 - (b) Change in the general price level,
 - (ii) general comments on the level of agricultural prices,
 - (iii) value of agricultural produce.
- IX. **Agricultural wages.**—(i) The general trend of agricultural wages during the year,
- (ii) scarcity or abundance of labour,
 - (iii) number of working hours.
- X. **Livestock, Poultry, Agricultural Machinery and Implements.**—
- (i) Diseases affecting livestock and poultry and their mortality during the year,
 - (ii) steps taken to check the livestock diseases,
 - (iii) any development work done in this direction.
- XI. **Conclusions.**—(i) General condition of the agriculturist during the year,
- (ii) any legislative measures taken to ameliorate the condition of agriculturist or agricultural labour,
 - (iii) any remission in land revenue or other concessions,
 - (iv) any other important point.

The explanations regarding the tables that follow are given towards the end of the Report.

This Report may be supplemented by necessary graphs, charts, diagrams and maps representing the main statistics given in the Tables.

SUMMARY TABLES

A—Classification of Area

(In hectares)

Heads of classification	1994-95		1995-96		1996-97	
	Area	% to total	Area	% to total	Area	% to total
1	2	3	4	5	6	7
Total Geographical Area :						
By Professional Survey	55,67,300	—	55,67,300	—	55,67,300	—
By Village Papers	34,02,429	—	33,96,203	—	41,61,263	—
Classification :						
Forests	10,49,039	31	10,56,143	31	10,84,633	26
Barren and unculturable land	1,49,388	4	1,38,153	4	7,15,578	17
Land put to non-agricultural uses	1,98,669	6	1,92,088	6	2,26,446	5
Permanent pastures and other grazing lands.	11,93,602	35	12,03,531	35	12,90,727	31
Land under misc. tree crops and groves not included in net area sown.	48,634	1	45,908	1	97,751	2
Culturable waste	1,18,126	4	1,23,500	4	1,06,150	3
Other fallow land	20,695	1	25,816	1	21,663	1
Current fallows	55,938	1	52,622	2	50,781	1
Net area sown	5,68,338	17	5,55,742	16	5,67,534	14
Area sown more than once	3,99,352	12	3,92,144	12	4,00,683	10
Total cropped area ..	9,69,990	28	9,49,886	28	9,68,217	23

(In hectares)

Heads of classification	1997-98		1998-99	
	Area	% to total	Area	% to total
1	8	9	10	11
Total Geographical Area :				
By Professional Survey	55,67,300	—	55,67,300	—
By Village Papers	42,67,196	—	45,30,672	—
Classification :				
Forests	10,86,548	25	10,92,384	24
Barren and unculturable land	7,75,896	18	9,05,730	20
Land put to non-agricultural uses	2,24,791	5	2,33,110	5
Permanent pastures and other grazing lands.	13,40,222	31	14,91,072	33
Land under misc. tree crops and groves not included in net area sown.	97,527	2	67,053	2
Culturable waste	1,03,942	3	1,07,393	2
Other fallow land	22,706	1	27,606	1
Current fallows	55,410	1	56,905	1
Net area sown	5,60,154	14	5,49,419	12
Area sown more than once	4,26,184	10	4,20,717	9
Total cropped area ..	8,86,338	23	9,70,136	21

SUMMARY TABLES—contd.

B—Sources of Water Supply and Area Irrigated therefrom

(In hectares)

Name of District	1994-95	1995-96	1996-97	1997-98	1998-99
1	2	3	4	5	6
Canals—					
Government Number	—	—	—	—	—
Private Number	—	—	—	—	—
Wells or Tubewells, specify the source—					
Government Number	1,275	1,275	1,629	432	432
Private Number	179	179	179	1,629	1,629
Total ..	1,454	1,454	1,454	2,061	2,061
No. of other wells used for irrigation purposes only.					
Government—					
Masonry	2,109	—	—	—	—
Non-masonry	—	—	—	—	—
Private—					
Masonry	2,109	2,109	2,109	531	531
Non-Masonry	—	—	—	181	181
Total ..	2,109	2,109	2,109	828	828
No. of wells used for domestic purposes only					
	2,865	2,865	2,865	3,064	3,064
No. of wells not in use					
	179	179	179	619	619
Tanks					
Reservoirs					
With Ayacut 100 hectares or more.	14	14	14	266	266
With Ayacut less than 100 hectares.	4	4	4	492	492
Total ..	18	18	18	758	758
No. of Oil Engines					
No. of Kuhls in use—					
Government	6,420	6,420	6,420	6,412	6,412
Private	10,475	10,475	10,475	10,475	10,475
Total ..	16,895	16,895	16,895	16,887	16,887
No. of lift irrigation schemes—					
Government	243	243	243	243	243
Private	246	246	246	246	246
Total ..	489	489	489	489	489
Net Area irrigated by (in hectares)—					
Govt. Canals	—	—	3,898	3,398	3,173
Private Canals	—	—	—	—	—
Govt. Tubewells	4,046	4,475	5,455	5,444	5,495
Private Tubewells	3,563	5,269	3,103	3,104	2,743
Tanks	871	397	325	255	258

SUMMARY TABLES—contd.

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

(in hectares)

	1994-95	1995-96	1996-97	1997-98	1998-99
1	2	3	4	5	6
Net Area irrigated by (in hectares)—					
Govt. Kuhls	6,595	1,302	10,509	2,108	1,822
Private Kuhls	7,549	83,798	16,700	81,860	82,051
Govt. lift irrigation schemes	1,838	2,388	2,870	2,743	2,351
Private lift irrigation schemes	134	425	499	431	426
Govt. wells	—	87	87	87	87
Private Wells	3,741	3,251	3,185	3,185	3,099
Others (specify)	—	5	13,535	2	5
Total	1,00,454	1,04,790	1,04,792	1,02,617	1,01,510
Percentage of net area irrigated to net area sown.	15	19	18	18	18
Area irrigated more than once in the same year (in hectares).	77,384	72,297	79,362	77,807	81,044
Total gross irrigated area (in hectares).	1,77,838	1,77,087	1,79,154	1,80,424	1,82,554
Percentage of total gross irrigated area to total gross cropped area.	18	19	19	18	19
Number of wells having independent ayacut.	—	—	—	—	—
Number of wells supplementing recognised sources of irrigation.	—	—	—	—	—
percentage of irrigated by area wells having independent ayacut to the total area irrigated.	—	—	—	—	—

SUMMARY TABLES—contd.

C—Irrigated Area under Crops

(In hectares)

Crops	1994-95	1995-96	1996-97	1997-98	1998-99
1	2	3	4	5	6
1. Food Crops:					
Rice	50,343	50,156	49,656	50,690	50,492
Wheat	67,304	67,634	68,316	67,606	70,293
Jowar or Cholam	—	—	—	—	—
Bajra or cumbu	20	71	58	17	92
Barley	4,141	4,051	4,211	4,112	4,183
Maize	23,221	24,047	23,570	23,952	24,778
Ragi or Marua	—	—	194	151	140
Italian Millets	—	—	—	—	—
Kodo or Varagu	253	—	22	108	23
Little millets or Kutki	—	—	—	52	—
Other cereals (specify)	1,943	1,948	1,674	1,512	1,584
Total cereals	1,47,315	1,47,907	1,47,581	1,48,200	1,51,585
Pulses :					
Gram	327	216	233	189	161
Green gram or Moong	33	3	3	3	3
Red gram, Tur or Arhar	5	29	32	38	8
Black gram or Urd (Mash)	982	583	785	837	751
Horse gram	192	91	76	105	128
Masur	168	201	203	183	214
Other pulses (Specify)—					
Kharif	3,410	3,853	4,264	3,901	3,858
Rabi	—	—	10	12	2
Total pulses	5,117	4,776	5,606	5,268	5,125
Total cereals and pulses	1,52,432	1,52,683	1,53,187	1,53,468	1,56,710
Sugar crops—					
Sugarcane	913	1,321	1,764	1,543	1,434
Fruits and Vegetables—					
Fruits & Fresh Fruits—					
Apple Bearing trees with No. and Area.	1,475	1,691	1,661	1,659	1,419
Non-bearing trees with No. and Area.	14	290	45	329	353
Grapes Bearing trees with No. and Area.	11	13	9	9	6
Non-bearing trees with No. and Area.	—	2	—	—	—

SUMMARY TABLES—contd.

C—Irrigated Area under Crops—contd.

		(In hectares)				
Crops		1994-95	1995-96	1996-97	1997-98	1998-99
1		2	3	4	5	6
Peaches	Bearing trees with No. and Area.	2	46	2	67	31
	Non-bearing trees with No. and Area.	2	32	2	—	—
Plum	Bearing trees with No. and Area.	221	134	249	117	91
	Non-bearing trees with No. and Area.	2	—	—	5	3
Lichi	Bearing trees with No. and Area.	—	51	75	110	116
	Non-bearing trees with No. and Area.	—	—	—	—	—
Pear	Bearing trees with No. and Area.	11	5	7	11	4
	Non-bearing trees with No. and Area.	—	—	—	—	2
Kinno and Orange.	Bearing trees with No. and Area.	531	42	100	472	585
	Non-bearing trees with No. and Area.	—	—	—	—	4
Lemon	Bearing trees with No. and Area.	45	14	40	26	32
	Non-bearing trees with No. and Area.	—	—	—	—	—
Mango	Bearing trees with No. and Area.	662	970	358	724	522
	Non-bearing trees with No. and Area.	—	78	18	—	5
Other (specify)	Bearing trees with No. and Area.	466	276	904	878	761
	Non-bearing trees with No. and Area.	15	11	19	—	12
Total fresh fruits	Bearing trees with No. and Area.	3,493	3,242	3,405	4,073	3,567
	Non-bearing trees with No. and Area.	33	413	84	334	379
Dry fruits	Walnut	6	12	5	7	6
	Almonds	97	119	96	171	149
	Other dry fruits (specify)	111	140	193	89	117
	Total fruits (dry)	214	271	294	267	272
	Total fruits (fresh and dry)	3,740	3,926	3,783	4,674	4,218

SUMMARY TABLES—contd.

C—Irrigated Area under Crops—contd.

		(In hectares)				
Crops		1994-95	1995-96	1996-97	1997-98	1998-99
1		2	3	4	5	6
Vegetables—						
Potatoes	Kharif	2,261	1,345	1,434	1,581	1,332
	Rabi	1,776	1,791	2,018	2,167	2,219
	Total	4,037	3,136	3,452	3,748	3,551
Sweet potatoes		24	116	16	—	85
Onion		538	596	583	569	529
Tomato		1,321	1,444	1,771	1,781	1,854
Lady finger		137	161	80	68	78
Cauliflower and Cabbage		339	321	783	436	588
Other vegetables (specify)—						
	Winter	665	723	1,283	1,080	933
	Summer	1,343	739	795	1,243	1,161
	Total	2,008	1,462	2,078	2,323	2,094
	Total vegetables	8,404	7,236	8,763	8,925	8,776
	Total fruits and vegetables	12,144	11,162	12,546	13,599	12,994
Condiments and Spices—						
	Chillies	280	170	222	266	174
	Ginger	667	682	723	780	906
	Turmeric	37	12	22	18	14
	Garlic	231	274	282	256	209
	Coriander	68	48	75	94	61
	Other spices	19	24	24	19	8
	Total condiments and spices	1,302	1,210	1,348	1,393	1,372
	Misc. Food Crops	—	2	—	—	5
	Total Food Crops	1,66,791	1,66,378	1,68,745	1,70,003	1,72,515
2. Non-Food Crops :						
	Cotton					
	Desi	65	30	28	10	3
	American	—	—	4	—	—
	Total	65	30	32	10	3
	Hemp	—	—	26	25	3
	Other fibres	—	—	—	—	23
	Total fibres	75	38	58	35	26
Edible Oilseeds—						
	Groundnut	51	16	40	30	24
	Sesamum	237	214	172	218	196
	Rape	13	28	52	—	7
	Mustard	854	728	687	910	1,182
	Soyabean	329	206	181	185	186
	Others (specify)	10	106	108	91	155
	Total	1,494	1,298	1,240	1,434	1,750

SUMMARY TABLES—contd.

C—Irrigated Area under Crops—concl'd.

(In hectares)

Crops	1994-95	1995-96	1996-97	1997-98	1998-99
1	2	3	4	5	6
Non-Edible Oil—					
Linseed	3,094	2,872	2,824	2,678	2,050
Taramira	97	116	105	68	114
Others	5	18	4	5	3
Total Non-edible oilseeds	3,196	3,006	2,933	2,751	2,167
Total Oilseeds	4,690	4,304	4,173	4,185	3,917
Dyes and tanning materials—					
Other dyes and tanning materials specify.	29	23	3	42	32
Total	29	23	3	42	32
Drugs and Narcotics—					
Tobacco	7	1,325	5	2	—
Tea	1,446	—	1,196	1,385	1,166
Other (specify)	40	164	164	14	56
Total Dyes and Narcotics	1,493	1,489	1,365	1,401	1,222
Fodder crops—					
Barseem	3,292	3,282	3,263	3,186	3,061
Chari	1,250	1,232	1,356	1,339	1,166
Others	204	291	134	150	544
Total	4,746	4,805	4,753	4,675	4,771
Other Misc. Non-Food Crops	14	50	57	83	71
Total—Non-Food Crops	11,047	10,709	10,409	10,421	10,039
Total—Food and Non-Food Crops.	1,77,838	1,77,087	1,79,154	1,80,429	1,82,554

SUMMARY TABLES—contd.

D—Area under All Crops

(In hectares)

Crops	1994-95	1995-96	1996-97	1997-98	1998-99
1	2	3	4	5	6
Food Crops :					
Paddy/Rice	82,754	83,021	81,740	86,178	82,125
Wheat	3,74,938	3,57,715	3,72,992	3,77,343	3,79,718
Jowar	—	—	—	—	—
Bajra	55	139	163	415	469
Barley	26,352	26,970	24,587	27,693	26,752
Maize	3,08,476	3,09,480	3,07,291	3,11,861	3,00,976
Ragi or Marua	—	—	4,244	4,719	4,636
Italian millets	—	—	—	—	46
Kodo or Varagu	—	—	—	—	—
Little millets or Kutki	—	—	—	—	1,122
Common millets	18,562	17,582	12,645	8,089	10,641
Other Cereals (specify)—					
Kharif	—	181	—	3,227	13
Rabi	—	—	—	35	—
Total	—	181	—	3,262	13
Total Cereals	8,11,137	79,538	8,03,842	8,19,560	8,06,498
Pulses :					
Gram	3,072	2,138	2,470	2,379	1,908
Green gram or Moong	72	23	55	396	62
Red gram or Tur	288	215	292	1,117	128
Black gram or Urd (Mash)	16,903	16,920	16,943	16,472	15,155
Peas	3,771	4,220	4,104	4,589	4,845
Horse gram	4,037	3,417	3,496	3,348	3,028
Masur	1,525	1,381	1,340	1,474	1,168
Other pulses (specify)—					
Kharif	6,828	7,731	7,664	5,821	7,533
Rabi	16	19	18	334	22
Total	6,844	7,750	7,682	6,155	7,555
Total pulses	36,512	36,058	36,382	35,930	33,849
Total food grains and pulses	8,74,649	8,31,416	8,40,224	8,55,490	8,40,347
Sugar crops :					
Sugarcane	2,502	3,256	3,891	3,432	3,352

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

(In hectares)

Crops	1994-95	1995-96	1996-97	1997-98	1998-99	
1	2	3	4	5	6	
Fresh Fruits :						
Apple	Bearing trees with No. and Area.	31,324	33,636	34,355	31,423	31,241
	Non-bearing trees with No. and Area.	7,236	5,149	4,881	5,639	7,440
Grapes	Bearing trees with No. and Area.	11	13	9	15	6
	Non-bearing trees with No. and Area.	—	2	—	—	—
Peaches/Pears.	Bearing trees with No. and Area.	307	404	415	315	447
	Non-bearing trees with No. and Area.	2	7	2	56	42
Plum	Bearing trees with No. and Area.	2,081	2,516	2,070	1,700	1,288
	Non-Bearing trees with No. and Area.	23	71	62	93	67
Lichi	Bearing trees with No. and Area.	72	116	98	142	226
	Non-bearing trees with No. and Area.	—	—	—	—	—
Kinnu and Orange.	Bearing trees with No. and Area.	2,271	173	129	1,358	2,254
	Non-bearing trees with No. and Area.	—	7	21	31	8
Lemon	Bearing trees with No. and Area.	155	82	147	233	330
	Non-bearing trees with No. and Area.	43	37	29	193	31
Mango	Bearing trees with No. and Area.	320	1,369	1,749	2,041	2,737
	Non-bearing trees with No. and Area.	325	6	30	76	128
Other Fresh Fruits.	Bearing trees with No. and Area.	3,150	2,320	7,515	3,718	9,358
	Non-bearing trees with No. and Area.	—	—	—	2,271	41

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

(In hectares)

Crops	1994-95	1995-96	1996-97	1997-98	1998-99	
1	2	3	4	5	6	
Total Fresh Fruits (specify)	Bearing trees with No. and Area.	42,572	40,629	46,487	46,145	47,887
	Non-bearing trees with No. and Area.	7,358	5,357	5,280	8,359	7,757
Total Fresh Fruit	..	49,930	45,986	51,767	54,504	55,644
Dry fruits :						
Walnut	Bearing trees with No. and Area.	25	29	18	19	32
	Non-bearing trees with No. and Area.	2	9	—	7	5
Almonds	Bearing trees with No. and Area.	341	147	336	409	472
	Non-bearing trees with No. and Area.	18	27	1	61	128
Other dry fruits	Bearing trees with No. and Area.	592	780	825	488	462
	Non-bearing trees with No. and Area.	—	53	—	41	25
Total dry fruits	Bearing trees with No. and Area.	958	956	1,174	916	966
	Non-bearing trees with No. and Area.	20	89	1	109	158
Total dry fruit	..	978	1,045	1,175	1,025	1,124
Total fresh and dry fruits	Bearing trees with No. and Area.	43,530	41,585	47,666	47,061	48,846
	Non-bearing trees with No. and Area.	7,378	5,446	5,281	8,468	7,922
Total Fresh & Dry Fruits	..	50,908	47,031	52,947	55,529	56,768
Vegetables :						
Potatoes	Kharif	10,881	11,321	9,997	10,777	10,580
	Rabi	2,326	2,329	2,815	4,095	3,251
Total	..	13,207	13,560	12,812	14,872	13,831
Brinjal		40	38	66	35	47
	Sweet Potatoes	347	772	387	51	313
Onion		802	810	790	760	778
	Tomato	2,548	2,856	3,714	3,556	4,133
Ladyfinger		304	269	147	121	202
	Cauliflower and Cabbage	1,517	1,542	1,891	2,658	2,830
Other Vegetables	Winter	7,747	7,793	10,828	8,852	8,534
	Summer	1,342	2,026	1,955	2,840	2,572
Total others	..	9,089	10,019	12,783	11,692	11,106
Total vegetables	..	27,824	29,956	32,590	33,745	33,240
Total Fruits & Vegetables	..	78,432	75,987	85,537	89,274	90,008

SUMMARY TABLES—contd.

D—Area under All Crops—contd.

(in hectares)

Crops	1994-95	1995-96	1996-97	1997-98	1998-99
1	2	3	4	5	6
Condiments and spices :					
Chillies	1,055	846	1,188	1,095	1,007
Ginger	1,342	1,376	1,414	1,538	1,822
Turmeric	105	61	85	79	84
Garlic	430	492	694	621	663
Coriander	322	301	386	416	395
Other condiments and spices	60	56	67	69	45
Total condiments and spices	3,314	3,132	3,834	3,818	4,016
Other Misc. Food Crop	—	—	—	—	14
Total Food crops	9,32,197	9,14,791	9,33,486	9,52,014	9,37,737
Fibres :					
Cotton :					
Desi	138	95	68	85	53
American	4	—	214	—	4
Total	142	95	282	85	57
Hemp	126	92	92	57	21
Other fibres (Specify)	2	1	—	31	78
Total fibres	270	188	374	173	156
Edible Oilseeds :					
Groundnut	361	376	398	297	282
Sesamum	6,116	6,004	5,364	5,017	4,563
Rape	11	34	1,087	7	34
Mustard	8,685	8,407	7,562	9,386	9,056
Soyabean	593	523	540	570	585
Other edible oilseeds	2,004	1,889	194	195	307
Total Edible oilseeds ;	17,770	17,233	15,145	15,472	14,827
Linseed	3,661	3,350	3,298	2,999	2,384
Taramira	—	—	1,718	1,653	1,461
Other non-edible oilseeds (specify)	1	201	108	34	35
Total non-edible oilseeds	3,662	3,551	5,124	4,686	3,880
Total oil seeds	21,432	20,784	20,269	20,158	18,707
Dyes and Tanning materials :					
Other dyes and tanning materials (specify)	32	33	27	46	32
Total dyes and tanning material	32	33	27	46	32
Rubber					
Drugs and Narcotics :					
Tobacco	96	2,821	45	37	59
Tea	3,215	459	3,011	3,266	3,010
Other drugs and narcotics (specify)	454	404	420	387	341
Total drugs and narcotics	3,765	3,684	3,476	3,690	3,410

SUMMARY TABLES—cont'd.

D—Area under All Crops—concl'd.

(in hectares)

Crops	1994-95	1995-96	1996-97	1997-98	1998-99
1	2	3	4	5	6
Fodder Crops :					
Barseem	4,879	4,791	4,900	4,894	4,847
Chari	4,660	4,681	5,048	4,449	4,227
Other (specify)	715	835	537	796	863
Total	10,254	10,307	10,485	10,139	9,937
Other Misc. non-food crops	40	99	100	118	157
Total non-food crops	35,793	35,095	34,731	34,324	32,399
Gross cropped area :					
Kharif :					
Food crops	5,10,210	5,05,582	5,11,281	4,36,221	5,03,829
Non-food crops	18,704	11,854	15,510	14,667	13,710
Rabi :					
Food crops	4,21,987	4,09,209	4,22,205	5,15,793	4,33,908
Non-food crops	17,089	23,421	19,221	19,657	18,689
Total food crops	9,32,197	9,14,791	9,33,486	9,52,014	9,37,737
Total non-food crops	35,793	35,095	34,731	34,324	32,399
Grand Total	9,67,990	9,49,886	9,68,217	9,86,338	9,70,136
Area cropped more than once.	3,99,652	3,92,144	4,00,683	4,26,184	4,20,717
Net cropped area	5,68,338	5,57,742	5,67,534	5,60,154	5,49,419
Cropped area of forecast crops :					
Failed	—	—	3,62,433	—	—
Matured	—	—	1,26,020	—	—
Total gross un-adjusted area under various mixtures.	—	—	—	—	—

SUMMARY

E—Average yield per hectares

Crops	1994-95		1995-96	
	Average yield	Total outturn	Average yield	Total outturn
1	2	3	4	5
Food Crops :				
Rice	1,394	1,15,329	346	1,11,749
Wheat	1,625	6,09,244	1,403	50,200
Jowar	—	—	—	—
Bajra or Cumbu	—	—	86	12
Barley	1,295	34,134	1,269	34,216
Maize	2,022	6,23,697	2,146	6,63,437
Ragi or Marua	—	—	—	—
Italian Millets	—	—	—	—
Kodo or Varagu	—	—	—	—
Common & little millets	808	11,276	346	6,254
Total cereals	—	13,93,739	—	13,17,679
Pulses :				
Gram	409	1,256	787	1,683
Peas	921	3,472	1,871	7,896
Green gram or Moong	264	19	215	5
Red gram, Tur or Arhar	288	83	232	50
Black gram (Urd) Mash	348	5,875	275	4,604
Horse gram (Kulth)	307	1,236	184	626
Masur	356	543	362	500
Other pulses (specify)	—	284	—	3,248
Total Pulses	—	15,335	—	18,511
Total foodgrains	—	1,40,074	—	13,36,290
Ginger	485	649	485	667
Turmeric	381	40	426	26
Cardamom	—	—	—	—
Chillies	242	256	120	102
Zeera	—	—	—	—
Garlic	—	—	—	—
Coriander	—	—	—	47
Other Condiments and spices (specify)	—	—	—	499
Total Condiments and spices	—	1,191	—	1,341

TABLES—contd.

Condition of the Crops and the total outturn of Crops (MT)

1996-97		1997-98		1998-99	
Average yield	Total outturn	Average yield	Total outturn	Average yield	Total outturn
6	7	8	9	10	11
1,328	10,86,824	1,397	1,20,444	1,423	1,14,997
1,505	5,61,859	1,699	6,41,405	1,267	4,81,267
—	—	—	—	—	—
553	112	553	229	553	266
1,343	33,040	1,492	41,335	1,038	27,756
1,918	5,89,439	1,990	6,20,684	2,201	6,62,282
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—
444	10,385	458	10,074	480	9,892
—	13,03,459	—	14,34,071	—	12,98,460
787	2,252	798	2,369	786	1,653
2,053	9,629	1,894	10,812	1,880	10,919
391	20	1,612	151	391	25
278	29	274	218	236	30
508	7,053	490	6,157	512	6,167
366	1,194	405	1,360	456	1,475
553	411	479	459	541	518
391	2,300	557	4,191	497	2,984
—	22,888	—	25,717	—	23,771
—	13,26,347	—	14,59,788	—	13,22,231
1,526	2,373	1,491	2,590	1,331	2,631
610	53	633	52	709	59
—	—	—	—	—	—
276	361	269	346	221	224
—	—	—	—	—	—
1,094	825	1,151	742	1,069	700
289	111	317	243	321	128
—	—	—	—	—	—
—	3,723	—	3,973	—	3,742

SUMMARY

E—Average yield per hectares

Crops	1994-95	
	Average yield	Total outturn
1	2	3
Fruits :		
Apple	—	—
Mango	—	—
Orange	—	—
Peaches	—	—
Pears	—	—
Lichi	—	—
Plum	—	—
Lemon	—	—
Chilgoza	—	—
Almonds	—	—
Total Fruits	—	—
Vegetables :		
Potato	4,775	59,079
Tomato	—	3,446
Cañiflower and Cabbage	—	1,343
Brinjal	—	—
Lady finger	—	—
Other Vegetables	—	—
Total Vegetables	—	—
Sugarcane	—	12,436
Total food crops	—	14,87,113
Non-food Crops :		
Groundnut	256	1,569
Sesamum	494	359
Rape	363	4
Mustard	460	4,000
Linseed	342	1,254
Taramira	220	389
Soyabean	—	612
Sunflower & others	—	—
Tobacco	979	94
Tea	—	804
Indian Hemp	2,315	1,057
San Hamp	—	—
Cotton :		
Desi	—	—
American	—	51
Total Non-food Crops	—	11,451
Total Food and Non-food Crops	—	14,98,564

SUMMARY TABLES—contd.
F—Farm Prices of Principal Crops

(In Rupees per quintal)

Crops	1984-95	1995-96	1996-97	1997-98	1998-99
1	2	3	4	5	6
Rice	542.00	546.00	548.00	—	711.00
Wheat	440.00	483.00	508.00	529.00	615.00
Jowar	—	—	—	—	—
Bajra	425.00	475.00	473.00	—	—
Barley	414.00	420.00	470.00	638.00	563.00
Maize	397.00	431.00	453.00	507.00	508.00
Gram	1340.00	1333.00	1432.00	1612.00	1588.00
Moong	—	1875.00	2265.00	—	2459.00
Arhar	—	1450.00	1713.00	—	2300.00
Mash	—	2125.00	2133.00	—	2322.00
Kulth	—	1539.00	1630.00	—	1938.00
Masur	—	1616.00	1695.00	—	1935.00
Peas	1154.00	1176.00	1383.00	—	1828.00
Ginger	1622.00	1622.00	1569.00	1639.00	2488.00
Chillies	4260.00	4487.00	4671.00	3912.00	5370.00
Garlic	—	1432.00	1450.00	—	2195.00
Coriander	—	2695.00	2310.00	—	4693.00
Turmeric	—	2228.00	3433.00	—	2930.00
Zeera	—	—	1167.00	—	475.00
Apple	—	—	—	—	1245.00
Mango	—	—	—	—	3000.00
Orange and Kinnow	—	—	—	—	2000.00
Peaches	—	—	1000.00	—	700.00
Pears	—	—	—	—	1500.00
Lichi	—	—	—	—	2000.00
Plum	—	—	800.00	—	500.00
Lemon	—	—	—	—	—
Almonds	—	—	—	—	—
Chilgoza	—	—	—	—	—
Walnut	—	—	—	—	—
Potato	376.00	455.00	358.00	—	602.00
Tomato	—	1119.00	1000.00	—	563.03
Cauliflower	—	1000.00	604.00	—	748.00
Brinjal	—	534.00	300.00	—	713.00
Lady finger	—	633.00	840.00	—	1075.00
Sugar raw	1050.00	1000.00	1133.00	—	—
Groundnut	1927.00	1766.00	1867.00	1900.00	1673.00
Caster seed	—	—	—	—	—
Linseed	1691.00	1565.00	1914.00	1617.00	1867.00
Rape	1141.00	1455.00	1080.00	—	1610.00
Mustard	1535.00	1510.00	1510.00	1890.00	1959.00
Sesamum	2308.00	2950.00	2238.00	2379.00	3124.00
Soyabean	—	1109.00	1500.00	—	2269.00
Sunflower	847.00	850.00	840.00	—	1500.00
Cotton	—	2783.00	2627.00	2643.00	2925.00

SUMMARY TABLES—*contd.*

G—Agricultural Wages

(In Rupees)

Month and year	Skilled Labour			Field Labour	Other Agri. Labour	Herds-men
	Carpenter	Black-smith	Cobblers			
1	2	3	4	5	6	7
1997-98 :						
July	91	77	80	62	56	53
August	92	87	81	63	57	54
September	92	87	81	63	56	53
October	94	88	81	63	56	54
November	95	89	80	63	55	53
December	94	89	80	68	55	53
January	95	89	81	63	56	53
February	95	90	81	63	56	53
March	95	90	81	63	56	53
April	96	90	81	65	58	55
May	96	90	82	65	58	55
June	96	90	82	65	59	55
Average of the year.	94	88	81	64	57	54
1998-99 :						
July	96	91	91	60	59	54
August	98	93	92	59	60	55
September	98	93	87	59	60	56
October	99	93	90	60	60	56
November	102	97	92	62	60	58
December	102	97	86	62	60	58
January	100	95	93	62	60	58
February	101	96	96	62	61	58
March	105	99	96	62	61	58
April	105	99	96	62	61	58
May	106	100	96	63	61	58
June	106	99	95	64	61	58
Average of the year	102	96	93	61	60	57

**DETAILED
TABLE**

Average Rainfall in each District of

District	Monsoon 1st June to 30th September										
	June		July		August		September		Total for the season		No. of rainy days normal
	Current	Normal	Current	Normal	Current	Normal	Current	Normal	Total rainfall	Corresponding normal	
1	2	3	4	5	6	7	8	9	10	11	
Bilaspur	189.2	92.9	449.4	380.5	392.0	313.3	509.9	188.1	1540.5	974.8	46.0
Chamba	238.8	91.1	286.2	318.7	295.4	277.9	217.4	155.3	1037.8	843.0	35.9
Hamirpur	65.5	92.7	254.7	406.4	258.4	414.7	210.0	160.9	788.6	1074.7	43.3
Kangra	310.6	145.5	737.6	713.5	576.5	772.1	281.1	284.3	1905.8	1915.4	55.4
Kinnaur	159.8	30.0	33.0	72.0	74.7	66.3	111.5	68.2	379.0	236.5	27.6
Kullu	N.A	72.4	92.1	185.4	103.0	180.3	194.0	91.8	389.1	530.9	29.0
Lahaul & Spiti	60.0	62.3	4.0	184.9	12.3	162.5	115.2	125.5	191.5	535.2	14.0
Mandi	170.0	160.7	348.9	466.9	435.9	389.0	342.7	170.5	1297.5	1187.1	48.0
Shimla	153.1	106.7	133.7	324.1	154.4	277.5	222.8	154.3	664.0	862.6	34.7
Sirmaur	182.3	145.5	445.2	578.7	514.4	559.8	118.7	250.2	1260.6	1534.2	38.5
Solan	218.0	108.6	238.6	395.1	208.6	373.0	283.1	185.9	948.3	1062.6	39.3
Una	106.4	86.8	383.2	338.4	406.4	284.9	282.3	150.6	1178.3	860.6	40.0
State Average	154.5	99.6	283.9	363.8	286.0	339.3	240.7	165.4	965.1	968.1	37.7

District	Winter From 1st January to 28th March							
	January		February		Total for the season			No. of rainy days
	Current	Normal	Current	Normal	Total rainfall	Corresponding normal		
22	23	24	25	26	27	28		
Bilaspur	209.3	57.9	65.6	59.3	274.9	117.2	8.5	
Chamba	308.3	125.0	229.6	117.5	537.9	242.5	10.5	
Hamirpur	79.5	68.5	12.7	58.8	92.2	127.3	6.2	
Kangra	85.1	98.9	19.5	89.2	104.6	188.1	2.8	
Kinnaur	83.0	95.3	37.5	99.0	120.5	194.3	12.2	
Kullu	85.0	88.5	30.0	95.4	115.0	183.9	12.0	
Lahaul and Spiti	29.8	158.8	44.5	140.7	74.3	299.5	6.5	
Mandi	60.7	70.3	19.6	65.2	80.3	135.5	5.7	
Shimla	72.4	104.3	29.8	77.6	102.2	181.9	7.8	
Sirmaur	74.5	76.1	5.2	48.5	79.7	124.6	5.4	
Solan	99.8	83.8	14.7	61.4	114.5	145.2	4.3	
Una	51.4	51.5	5.0	48.1	56.4	99.6	2.0	
State Average	103.2	89.9	42.8	80.1	146.0	170.0	6.9	

TABLES

No. 1

Himachal Pradesh in 1998-99

(In millimetres)

District	Post-Monsoon 1st October to 31st December									
	October		November		December		Total for the season			
	Current	Normal	Current	Normal	Current	Normal	Total rainfall	Corresponding normal	No. of rainy days	
13	14	15	16	17	18	19	20	21		
Bilaspur	84.8	36.4	N.A.	13.6	—	34.8	84.8	84.8	4.0	
Chamba	187.4	69.2	3.8	36.0	—	72.9	191.2	178.1	4.5	
Hamirpur	69.6	27.0	5.6	8.0	—	32.8	75.2	67.8	3.0	
Kangra	85.0	46.2	—	13.4	—	50.5	85.0	110.1	2.0	
Kinnaur	155.6	36.4	5.0	13.0	—	57.0	160.6	106.4	5.0	
Kullu	97.0	31.4	6.0	13.7	—	41.3	103.0	86.4	5.0	
Lahaul & Spiti	75.4	86.1	—	31.0	9.5	63.8	84.9	180.9	3.0	
Mandi	109.5	51.9	23.2	15.3	—	35.0	132.7	102.2	5.0	
Shimla	158.0	49.5	4.9	13.8	—	46.6	162.9	109.9	4.5	
Sirmaur	190.0	70.2	—	9.5	—	32.0	190.9	111.7	3.3	
Solan	168.3	60.9	2.0	9.3	—	27.5	170.3	97.7	3.3	
Una	68.2	28.1	—	4.7	—	25.2	68.2	58.0	4.0	
State Average	120.8	49.4	4.2	15.1	0.8	43.3	125.8	107.8	3.8	

District	Pre-Monsoon 1st March to 31st May											
	March		April		May		Total for the season			Total for the year		
	Current	Normal	Current	Normal	Current	Normal	Total rainfall	Corresponding normal	Number of rainy days	Total rainfall	Corresponding normal	Total No. of rainy days
29	30	31	32	33	34	35	36	37	38	39	40	
Bilaspur	28.6	64.5	—	19.6	113.9	33.6	142.5	117.7	8.5	2042.7	1294.5	64.5
Chamba	146.5	139.8	2.6	87.0	165.4	77.8	314.5	304.6	10.5	208.4	1568.2	60.1
Hamirpur	5.6	53.6	—	25.2	92.8	28.5	98.4	107.3	6.2	1054.4	1377.1	68.1
Kangra	6.6	90.3	—	44.7	56.0	44.6	62.6	179.6	2.8	215.8	2393.2	53.8
Kinnaur	31.4	99.1	9.9	70.7	43.2	64.4	84.5	234.2	12.2	744.6	771.4	53.0
Kullu	25.0	111.8	—	73.9	115.0	57.2	140.0	242.9	12.0	747.1	1044.1	31.5
Lahaul and Spiti	46.3	182.6	2.0	132.0	64.5	116.9	112.8	431.5	6.5	463.5	1447.1	66.2
Mandi	—	82.3	—	41.9	113.8	58.8	113.8	183.0	5.7	1624.3	1607.8	54.5
Shimla	11.3	78.7	—	44.2	86.9	58.3	98.2	181.2	7.8	1027.3	1335.6	53.1
Sirmaur	1.2	50.4	—	11.7	71.0	28.3	72.2	90.4	5.4	1603.4	1860.9	53.0
Solan	4.3	58.8	—	21.1	109.7	35.0	114.0	114.9	4.3	1347.1	1420.4	53.0
Una	—	41.3	—	18.5	23.0	16.8	23.0	76.6	2.0	1325.9	1094.8	53.0
State Average	25.6	87.8	1.2	49.2	87.9	51.7	114.7	188.7	6.9	1351.6	1434.6	56.5

TABLE
Classification of area in each District of

District	Total geo-graphical area		CLASSIFI-			
	By profes-sional survey	By village papers	Forests	Barren and unculturable lands	Land put to non-agricultural uses	Permanent pastures and other grazing lands
1	2	3	4	5	6	7
Bilaspur	1,16,700	1,15,445	12,449	6,544	12,140	46,860
Chamba	6,51,500	6,92,419	2,72,008	5,504	11,722	3,54,394
Hamirpur	1,11,800	1,10,112	20,257	18,280	15,037	969
Kangra	5,73,900	5,77,943	2,23,150	27,720	70,911	83,162
Kinnaur	6,55,300	6,23,742	39,163	1,79,407	70,408	3,21,950
Kullu	5,50,300	50,090	—	1,130	5,971	—
Lahaul and Spiti	13,69,300	9,11,162	1,35,382	5,35,694	4,901	2,31,117
Mandi	3,95,100	3,97,351	1,74,146	24,263	—	97,234
Shimla	5,13,100	4,91,901	1,18,240	51,526	10,463	2,10,631
Sirmaur	2,82,600	2,24,752	48,704	8,781	10,401	55,999
Solan	1,93,700	1,80,923	20,290	14,115	9,584	78,966
Una	1,54,600	1,54,832	28,595	32,766	11,572	9,590
H F. State Total	55,67,300	45,30,672	10,92,384	9,05,730	2,33,110	14,91,072

No. II

Himachal Pradesh in 1998-99

(In hectares)

CATION			Cultivated Area			
Land under misc. trees, crops and groves not included in area sown	Culturable waste	Other fallow land	Current fallows	Net area sown	Area sown more than once	Total cropped area
8	9	10	11	12	13	14
107	4,874	1,416	1,447	29,608	26,315	55,923
15	6,923	146	1,951	39,556	26,984	66,540
2,777	8,569	1,663	6,122	36,438	35,177	71,615
16,920	26,917	1,479	9,163	1,18,521	1,03,966	2,22,487
55	3,312	316	1,614	7,517	1,817	9,334
355	3,321	201	2,588	36,524	24,455	60,979
112	587	9	141	3,219	139	3,358
330	4,279	898	10,415	85,786	75,315	1,61,101
5,321	10,576	2,972	11,390	70,782	33,624	1,04,406
38,899	14,264	1,666	3,550	42,488	35,794	78,282
562	11,928	1,540	4,288	39,650	25,792	65,442
1,600	11,843	15,300	4,236	39,330	31,339	70,669
67,053	1,07,393	27,606	56,905	5,49,419	4,20,717	9,70,136

TABLE

Sources of water and area irrigated therefrom

District	Canals	
	Government	Private
	Number	Number
1	2	3
Bilaspur	—	—
Chamba	—	—
Hamirpur	—	—
Kangra	—	—
Kinnaur	—	—
Kullu	—	—
Lahaul and Spiti	—	—
Mandi	—	—
Shimla	—	—
Sirmaur	6	—
Solan	—	—
Una	—	—
H.P. State Total	6	—

Net area irrigated by

District	No. of Tanks			No. of Kuhls in use			No. of Lift Irrigation Schemes
	No. of Ayacut 100 hectares or more	With Ayacut less than 100 hectares	Total	Government	Private	No. of Oil Engines	
	15	16	17	19	20	18	
1	15	16	17	18	19	20	21
Bilaspur	16	16	32	41	70	859	198
Chamba	—	—	—	—	237	789	10
Hamirpur	—	—	—	—	43	318	71
Kangra	—	—	—	—	924	2,297	12
Kinnaur	—	—	—	—	322	348	—
Kullu	—	—	—	—	37	243	11
Lahaul and Spiti	—	—	—	—	119	433	3
Mandi	—	—	—	—	2,365	1,681	17
Shimla	1	—	1	—	919	364	9
Sirmaur	5	—	5	150	579	1,360	51
Solan	244	476	720	—	780	1,711	58
Una	—	—	—	284	17	72	49
H. P. State Total	266	492	758	475	6,412	10,475	489

Ayacut means irrigable area's.

No. III-A

in each District of Himachal Pradesh in 1998-99

(in hectares)

No. of Tube wells	No. of Wells							No. of wells used for domestic purposes only	No. of wells not in use	Reservoirs
	No. of other wells used for irrigation purposes only			Total						
	Govt.	Private	Total	Govt.	Private	Total				
	Masonry	Non-Masonry	Masonry	Non-Masonry	Masonry	Non-Masonry				
4	5	6	7	8	9	10	11	12	13	14
13	167	180	53	—	—	—	53	123	123	59
47	10	57	—	—	—	22	22	1,604	—	—
55	—	55	—	—	25	—	25	—	—	—
—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	32	16	—
—	—	—	—	—	—	—	—	—	—	—
13	64	77	24	—	1	—	25	—	—	—
—	—	—	—	—	199	—	199	—	—	—
30	242	272	—	—	3	—	3	46	99	—
85	165	250	21	—	177	125	323	195	27	—
189	981	1,170	18	—	126	34	178	1,034	354	—
432	1,629	2,061	116	—	531	181	828	3,034	619	59

in hectares

No. of Canals		Govt. Canals	Private Canals	Govt. Tube-wells	Private Tube-wells	Tanks	Kuhls		Govt. lift irrigation schemes
Govt.	Private						Govt.	Private	
22	23	24	25	26	27	28	29	30	31
—	—	—	—	—	80	—	583	1,708	258
—	—	—	—	—	—	—	—	6,165	—
—	—	—	—	39	9	—	—	1,641	91
—	—	—	—	—	—	—	—	30,138	—
—	—	—	—	—	—	—	—	4,293	—
—	—	—	—	—	—	—	—	1,502	—
—	—	—	—	—	—	—	—	3,219	—
—	—	—	—	—	—	—	—	12,495	—
—	—	—	—	—	—	—	—	5,076	—
—	—	3,173	—	866	242	—	1,059	7,753	1,214
—	—	—	—	610	199	—	169	7,791	—
—	—	—	—	3,980	2,213	258	11	270	788
—	—	3,173	—	5,495	2,743	258	1,822	82,051	2,351

TABLE

Sources of water and area irrigated therefrom

District	Private lift/irri. Scheme	Govt. wells	Private wells	Other (specify)	Total (Col. 24 to 35)	%age of net area irrigated to net area sown	Area irrigated more than once in the same year (in hectares)	Total/gross area irrigated (in hectares)
1	32	33	34	35	36	37	38	39
Bilaspur	421	2	112	—	3,164	10.69	2,624	5,788
Chamba	—	—	—	—	6,165	15.59	1,933	8,098
Hamirpur	—	—	10	—	1,790	4.91	1,695	3,485
Kangra	—	—	2,056	—	32,194	27.16	33,310	65,504
Kinnaur	—	—	—	—	4,293	57.11	1,120	5,413
Kullu	—	—	—	—	1,502	4.11	765	2,267
Lahaul & Spiti	—	—	—	—	3,219	100.00	139	3,358
Mandi	—	85	117	—	12,697	1.48	12,473	25,170
Shimla	—	—	—	—	5,076	7.17	2,314	7,390
Sirmaur	1	—	—	—	14,308	33.68	12,055	26,363
Solan	—	—	761	—	9,530	24.04	7,661	17,191
Una	4	—	43	5	7,572	19.25	4,955	12,527
H.P. State								
Total ..	426	87	3,099	5	1,01,510	18.48	81,044	1,82,554

No. III-A—concl.

In each District of Himachal Pradesh in 1998-99

(net area irrigated by in hectares)

%age of total gross irrigated area to total gross cropped area	No. of wells having an independent Ayacut	No. of wells supplementing recognised sources of irrigation	%age of area irrigated by wells having independent ayacuts to the total area irrigated	No. of Circles		No. of Villages			Total Khasra Nos.
				Kanungo	Patwari	Inhabited	Uninhabited	Total	
40.	41	42	43	44	45	46	47	48	49
10.35	—	—	—	8	82	965	115	1,080	3,13,309
12.17	—	—	—	21	183	1,090	504	1,597	8,51,753
4.87	—	—	—	19	198	1,651	33	1,684	N.A.
29.44	—	—	—	48	519	3,620	249	3,869	31,24,163
57.99	—	—	—	9	30	229	436	665	N.A.
3.72	—	—	—	10	100	173	—	173	4,87,706
100.00	—	—	—	4	20	256	265	521	61,399
15.62	—	—	—	45	445	2,906	461	3,367	27,40,127
7.08	—	—	—	28	259	2,311	286	2,597	19,05,127
33.68	—	—	—	14	126	984	3	984	6,02,769
26.27	—	—	—	13	149	2,395	136	2,531	6,71,491
17.73	—	—	—	17	175	713	49	762	20,00,713
18.82	—	—	—	236	2,286	17,293	2,537	19,830	1,29,59,557

TABLE

Area of Crops irrigated in each District of

District	Rice		Maize					
	HYV	Others	HYV	Others	Ragi	Jowar	Bajra	
	1	2	3	4	5	6	7	8
Bilaspur	—	1,057	—	1,728	—	—	—	—
Chamba	956	1,340	65	908	—	—	—	—
Hamirpur	—	935	—	780	—	—	—	—
Kangra	—	24,897	—	5,572	—	—	86	—
Kinnaur	—	—	—	164	—	—	—	—
Kullu	1,290	152	8	—	—	—	—	—
Labaul and Spiti	—	—	35	—	—	—	—	—
Mandi	859	9,377	48	1,950	8	—	—	—
Shimla	446	951	1,454	393	22	—	—	—
Sirmaur	3,069	842	3,103	2,931	110	—	6	—
Solan	3,006	28	2,820	9	—	—	—	—
Una	1,287	—	2,810	—	—	—	—	—
H.P. State Total	10,913	39,579	10,343	14,435	140	—	92	—

District	Other cereals (specify)	Total cereals	Pulses					Peas
			Gram	Green gram or Moong	Red gram or Tur (Arhar)	Black gram or Urd (Mash)	Total	
			19	20	21	22		
1	17	18	19	20	21	22	23	
Bilaspur	—	5,523	17	—	—	13	—	
Chamba	—	7,801	—	—	—	30	6	
Hamirpur	—	3,340	—	—	—	—	—	
Kangra	—	56,390	25	—	—	152	—	
Kinnaur	—	2,324	—	—	—	9	—	
Kullu	—	1,854	—	—	—	—	6	
Labaul and Spiti	—	1,045	—	—	—	—	1,210	
Mandi	—	23,431	11	1	—	44	—	
Shimla	2	5,809	3	—	7	130	—	
Sirmaur	—	20,182	70	—	1	240	806	
Solan	3	13,370	24	—	—	84	809	
Una	—	10,516	11	2	—	49	—	
H.P. State Total	5	1,51,585	161	3	8	751	2,837	

No. III-B

Himachal Pradesh in 1998-99

(In hectares)

Cereals							
Wheat		Barley		Indian Millets	Kodo or Varagu	Little Millets	Common Millets
HYV	Others	HYV	Others				
9	10	11	12	13	14	15	16
—	2,700	—	38	—	—	—	—
194	3,549	—	418	—	1	—	370
—	1,624	—	1	—	—	—	—
—	25,374	—	461	—	—	—	—
—	111	—	1,072	—	22	—	955
308	22	—	74	—	—	—	—
185	—	647	—	—	—	—	178
1,747	9,252	—	190	—	—	—	—
263	1,756	2	474	—	—	—	46
7,417	1,992	144	538	—	—	—	30
7,380	—	55	69	—	—	—	—
6,419	—	—	—	—	—	—	—
23,913	46,380	848	3,335	—	23	—	1,579

Horse gram (Kulth)	Masur	Other pulses (specify)					Total Pulses	Total Cereals and pulses	Sugar-cane
		Kharif		Rabi					
		26	27	28	29	30			
24	25	26	27	28	29	30	31	32	33
—	1	—	—	—	—	—	31	5,554	13
10	5	28	—	—	—	28	79	7,880	—
—	—	—	—	—	—	—	—	3,340	11
11	34	—	—	—	—	—	222	56,612	171
—	3	808	—	2	—	810	822	3,146	—
—	—	—	—	—	—	—	6	1,860	—
—	—	29	—	—	—	29	1,239	2,284	—
3	30	2	—	—	—	2	91	23,522	—
52	3	93	—	—	—	93	288	6,097	—
38	132	59	—	—	—	59	1,346	21,528	948
14	—	—	—	—	—	—	931	14,301	159
—	6	2	—	—	—	2	70	10,586	132
128	214	1,021	—	2	—	1,023	5,125	1,56,710	1,434

TABLE

Area of Crops irrigated in each District of

District	FRUITS					
	Fresh Fruits					
	Apple		Grapes		Peaches	
	Bearing trees with No. & Area	Non-bearing trees with No. & Area	Bearing trees with No. & Area	Non-bearing trees with No. & Area	Bearing trees with No. & Area	Non-bearing trees with No. & Area
1	34	35	36	37	38	39
Bilaspur	—	—	—	—	—	—
Chamba	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—
Kangra	—	—	—	—	—	—
Kinnaur	1,046	290	6	—	—	—
Kullu	193	3	—	—	—	—
Lahaul & Spiti	19	40	—	—	—	—
Mandi	1	—	—	—	—	—
Shimla	105	15	—	—	—	—
Sirmaur	54	4	—	—	26	—
Solan	1	1	—	—	5	—
Una	—	—	—	—	—	—
H. P. State Total	1,419	353	6	—	31	—

District	FRUITS					
	Fresh Fruits					
	Lemon		Mango		Other (Specify)	
	Bearing trees with No. & Area	Non-bearing trees with No. & Area	Bearing trees with No. & Area	Non-bearing trees with No. & Area	Bearing trees with No. & Area	Non-bearing trees with No. & Area
1	48	49	50	51	52	53
Bilaspur	—	—	8	1	—	—
Chamba	—	—	—	—	37	—
Hamirpur	—	—	—	—	5	—
Kangra	26	—	373	—	239	—
Kinnaur	—	—	—	—	—	—
Kullu	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—
Mandi	—	—	—	—	184	—
Shimla	1	—	—	—	—	—
Sirmaur	—	—	134	4	17	3
Solan	5	—	7	—	44	9
Una	—	—	—	—	235	—
H. P. State Total	32	—	522	5	761	12

No. III-B—contd.

Himachal Pradesh in 1998-99

(In hectares)

District	FRUITS							
	Fresh Fruits							
	Plum		Lichi		Pears		Orange and Kinnow	
	Bearing trees with No. & Area	Non-bearing trees with No. & Area	Bearing trees with No. & Area	Non-bearing trees with No. & Area	Bearing trees with No. & Area	Non-bearing trees with No. & Area	Bearing trees with No. & Area	Non-bearing trees with No. & Area
40	41	42	43	44	45	46	47	
Bilaspur	—	—	—	—	—	—	—	—
Chamba	—	—	—	—	—	—	1	—
Hamirpur	—	—	—	—	—	—	—	—
Kangra	8	—	116	—	—	—	—	—
Kinnaur	—	—	—	—	—	—	556	—
Kullu	40	2	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—	—	—
Mandi	2	—	—	—	—	—	—	—
Shimla	26	1	—	—	—	—	—	—
Sirmaur	1	—	—	—	—	—	—	—
Solan	14	—	—	—	—	4	2	12
Una	—	—	—	—	—	—	—	16
H. P. State Total	91	3	116	—	4	2	585	4

District	FRUITS							
	Fresh Fruits				Dry Fruits			
	Total fresh fruits		Walnut		Almond		Chilgoza	
	Bearing trees with No. & Area	Non-bearing trees with No. & Area	Bearing trees with No. & Area	Non-bearing trees with No. & Area	Bearing trees with No. & Area	Non-bearing trees with No. & Area	Bearing trees with No. & Area	Non-bearing trees with No. & Area
54	55	56	57	58	59	60	61	
Bilaspur	9	1	—	—	—	—	—	—
Chamba	37	—	—	—	—	—	—	—
Hamirpur	5	—	—	—	—	—	—	—
Kangra	1,318	—	—	—	—	—	—	—
Kinnaur	1,052	290	—	—	—	—	—	—
Kullu	233	5	4	—	83	29	—	—
Lahaul & Spiti	19	40	—	—	7	—	—	—
Mandi	187	—	—	—	—	—	—	—
Shimla	132	16	—	—	—	—	—	—
Sirmaur	244	11	—	—	22	4	—	—
Solan	95	16	2	—	3	1	—	—
Una	235	—	—	—	—	—	—	—
H. P. State Total	3,567	379	6	—	115	34	—	—

TABLE

Area of Crops irrigated in each District of

District	Dry Fruits					
	Other dry fruits (Specify)		Total Fruits (dry)		Total Fruits (Fresh & Dry)	
	Bearing trees with No. & Area	Non-bearing trees with No. & Area	Bearing trees with No. & Area	Non-bearing trees with No. & Area	Bearing trees with No. & Area	Non-bearing trees with No. & Area
1	62	63	64	65	66	67
Bilaspur	—	—	—	—	9	1
Chamba	—	—	—	—	37	—
Hamirpur	—	—	—	—	5	—
Kangra	—	—	—	—	1,318	—
Kinnaur	114	3	201	32	1,253	322
Kullu	—	—	7	—	240	5
Lahaul & Spiti	—	—	—	—	19	40
Mandi	—	—	—	—	187	—
Shimla	—	—	22	4	154	20
Sirmaur	—	—	5	1	249	12
Solan	—	—	—	—	96	16
Una	—	—	—	—	235	—
H. P. State Total	114	3	235	37	3,802	416

District	Other Vegetables (Specify)			Condiments		
	Winter	Summer	Total other vegetables	Total vegetables	Total fruits and vegetables	Chillies
1	76	77	78	79	80	81
Bilaspur	—	6	6	84	94	1
Chamba	14	—	14	111	148	—
Hamirpur	3	28	31	66	71	1
Kangra	128	168	296	1,734	3,052	3
Kinnaur	15	454	469	678	2,253	—
Kullu	46	29	75	139	384	6
Lahaul & Spiti	—	9	9	900	959	—
Mandi	160	39	199	400	587	15
Shimla	288	19	307	862	1,036	42
Sirmaur	126	66	192	1,371	1,632	101
Solan	74	233	306	1,758	1,870	3
Una	80	110	190	673	908	2
H.P. State Total	933	1,161	2,094	8,776	12,994	174

No. III-B—contd.

Himachal Pradesh in 1998-99

(in hectares)

Vegetables							
Potatoes			Sweet Potatoes	Onion	Tomato	Lady-finger	Cauli-flower & Cabbage
Kharif	Rabi	Total					
68	69	70	71	72	73	74	75
—	4	4	—	18	47	1	8
53	4	57	—	35	2	1	2
—	3	3	—	17	—	10	5
8	1,206	1,214	—	168	—	48	8
—	91	91	—	—	1	—	117
5	17	22	—	15	10	—	17
874	—	874	—	—	—	—	41
1	77	78	—	69	11	2	139
38	218	256	85	13	59	3	109
290	243	533	—	76	457	4	67
1	85	86	—	30	12,63	6	55
62	271	333	—	88	4	3	—
1,332	2,219	3,551	85	529	1,854	78	585

and Spices

Ginger	Turmeric	Garlic	Coriander	Other condiments and Spices (Specify)	Total condiments and Spices	Other Miscellaneous food crops	Total Food Crops
82	83	84	85	86	87	88	89
61	1	2	—	—	65	—	5,726
1	—	18	—	1	20	—	8,048
4	2	2	—	3	12	—	3,434
16	5	30	—	—	54	—	59,889
—	—	1	—	—	1	—	5,400
—	—	—	1	—	7	—	2,251
32	2	14	3	—	—	—	3,243
114	—	7	17	3	69	5	24,183
484	4	103	40	1	180	—	7,315
172	—	12	—	—	733	—	24,841
22	—	20	—	—	187	—	16,517
906	14	209	61	8	1,372	5	1,72,515

TABLE

Area Non Food Crops irrigated in each District of

District	Fibres					
	Cotton					
	Desi	American	Total	Hemp	Other fib- rer	Total fibres
1	90	91	92	93	94	95
Bilaspur	—	—	—	—	—	—
Chamba	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—
Kangra	1	—	1	—	2	3
Kinnaur	—	—	—	—	—	—
Kullu	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—
Mandi	—	—	—	—	—	—
Shimla	—	—	—	—	—	—
Sirmaur	1	—	1	—	2	3
Solan	1	—	1	—	—	1
Una	—	—	—	—	19	19
H. P. State Total	3	—	3	—	23	26

District	Oil Seed		
	Taramira	Others (specify)	Total non-edible Oil seeds
1	104	105	106
Bilaspur	—	—	—
Chamba	—	—	20
Hamirpur	—	—	—
Kangra	46	—	1,789
Kinnaur	—	—	—
Kullu	—	—	—
Lahaul & Spiti	—	—	—
Mandi	1	—	288
Shimla	—	—	—
Sirmaur	33	—	93
Solan	18	3	21
Una	16	—	16
H. P. State Total	114	3	2,167

No. III-B—contd.

Himachal Pradesh in 1998-99

(in hectares)

Ground- nut	Oil Seeds						
	Edible						
	Sesamum	Rape (Toriya)	Mustard	Soyabean	Others (specify)	Total Edible Oil seeds	Linseed
96	97	98	99	100	101	102	103
—	—	—	1	7	—	8	—
—	—	—	24	—	—	24	20
—	—	—	7	—	—	7	—
—	68	—	481	51	—	600	1,743
—	—	—	5	—	—	5	—
—	—	—	12	—	—	12	—
—	—	—	21	—	—	21	—
—	1	—	51	117	—	169	287
—	—	—	73	—	—	73	—
14	35	6	232	10	—	297	—
8	18	—	36	1	149	212	—
2	74	1	239	—	6	322	—
24	196	7	1,182	186	155	1,750	2,050

Total Oilseeds	Dyes and Tanning Materials		
	Acacia (Kikar)	Other Dyes and tanning materials	Total Dyes and tanning materials
107	108	109	110
8	—	—	—
44	—	—	—
7	—	—	—
2,389	—	—	—
5	—	—	—
12	—	—	—
21	—	—	—
457	—	—	—
73	—	—	—
330	—	—	—
233	3	29	32
338	—	—	—
3,917	3	29	32

SUMMARY TABLES—*concl.*
H—Number of Livestock, Poultry and Agricultural Machinery

	1982	1987	1992
Cattle—			
Males over 3 years :			
Breeding bulls	1,15,348	—	68,205
Other males over 3 years	7,38,462	8,92,205	7,86,061
Females over 3 years—			
Breeding cows	3,37,745	3,74,581	3,84,821
Other cows over 3 years	3,55,442	3,57,626	3,54,605
Young stock	6,26,656	6,20,403	5,71,342
Total cattle	.. 21,73,633	22,44,815	21,65,034
Buffaloes—			
Males over 3 years :			
Breeding bulls	5,183	7,695	5,250
Other males over 3 years	7,629	90,649	10,831
Females over 3 years—			
Breeding Buffaloes	2,20,742	2,79,602	2,99,909
Other Buffaloes over 3 years	1,92,853	1,85,790	2,72,060
Young stock	1,90,009	2,31,225	1,15,492
Total Buffaloes	.. 6,16,414	7,94,991	7,03,549
Total Sheep	.. 10,90,644	11,12,768	10,78,940
Total Goats	.. 10,59,852	11,20,139	11,18,094
Total Yaks	.. —	—	5,690
Horses and Ponies:			
Males over 3 years	7,391	9,079	7,602
Females over 3 years	6,265	7,415	6,453
Young stock	3,014	3,653	N.A.
Total Horses and Ponies	.. 16,670	20,147	14,055
Mules	12,679	23,105	16,390
Donkeys	6,613	8,011	7,522
Camels	714	327	367
Pigs	8,107	17,976	7,286
Mithuns	—	—	6
Others	3,506	—	—
Total livestock	.. 49,88,540	53,42,279	51,16,933
Poultry:			
Fowls	4,60,972	7,53,476	7,21,849
Ducks	198	145	73
Others	115	255	674
Total Poultry	.. 4,61,285	7,53,876	7,22,596
Agricultural Machinery and Implements:			
Plough	6,23,761	7,99,207	7,10,349
Carts	3,403	4,722	1,128
Sugarcane Crushers	2,961	1,413	1,878
Tractors	936	1,319	3,466
Oil Engines	1,177	2,358	1,299
Electric Pumps	585	934	1,222
Thresher	—	—	2,692

TABLE

Area of non food Crops irrigated in each District of

District	Drugs & Narcotics					Total drugs and Narcotics
	Tobacco	Tea	Bhang	Opium or Poppy	Others (specify)	
1	111	112	113	114	115	116
Bilaspur	—	—	—	—	—	—
Chamba	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—
Kangra	—	1,163	—	—	10	1,173
Kinnaur	—	—	—	—	6	6
Kullu	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	40	40
Mandi	—	3	—	—	—	3
Shimla	—	—	—	—	—	—
Sirmaur	—	—	—	—	—	—
Solan	—	—	—	—	—	—
Una	—	—	—	—	—	—
H. P. State Total	—	1,166	—	—	56	1,222

No. III-B—concl'd.

Himachal Pradesh in 1998-99

(in hectares)

Barseam	Chari	Others (Specify)	Fodder Crops			
			Total	Other misc. non-food crops.	Total non- food crops	Total food & non- food crops
117	118	119	120	121	122	123
40	1	13	54	—	62	5,788
6	—	—	6	—	50	8,098
43	1	—	44	—	51	3,485
1,500	262	288	2,050	—	5,615	65,504
2	—	—	2	—	13	5,413
4	—	—	4	—	16	2,267
—	—	—	—	54	115	3,358
474	25	11	511	16	987	25,170
—	—	3	3	1	77	7,390
478	521	190	1,189	—	1,522	26,363
162	212	34	408	—	674	17,191
352	143	5	500	—	857	12,527
3,061	1,166	544	4,771	71	10,039	1,82,554

TABLE

Area under Food Crops in each District

District	Food					
	CEREALS					
	Rice			Maize		
	Current	Normal		Current	Normal	
	HYV	Others	HYV	Others		
1	2	3	4	5	6	7
Bilaspur	—	2,068	3,241	—	24,483	26,790
Chamba	1,185	1,706	3,015	1,654	27,507	28,912
Hamirpur	—	2,697	3,685	—	32,556	34,199
Kangra	—	37,728	37,840	—	55,802	57,874
Kinnaur	—	23	25	—	295	497
Kullu	1,265	390	2,457	10,476	5,126	17,903
Lahaul & Spiti	—	—	—	35	—	33
Mandi	1,011	19,686	22,066	5,220	43,413	47,637
Shimla	519	2,379	3,254	7,374	9,910	18,720
Sirmaur	3,762	1,462	5,245	12,147	12,937	25,700
Solan	3,622	30	3,788	23,691	266	25,809
Una	2,592	—	2,249	28,084	—	29,810
H. P. State Total ..	13,956	68,169	86,865	88,681	2,12,295	3,13,884

District	Wheat				Barley	
	Current		Normal		Current	Normal
	HYV	Others	HYV	Others		
	14	15	16	17	18	19
Bilaspur	—	26,739	27,201	—	317	409
Chamba	2,931	16,840	20,287	—	3,752	3,804
Hamirpur	28,971	6,064	34,869	—	134	212
Kangra	—	98,162	92,602	—	2,965	3,201
Kinnaur	—	470	718	—	1,456	1,536
Kullu	—	23,231	22,710	—	3,334	3,747
Lahaul & Spiti	185	—	205	647	—	770
Mandi	17,090	49,683	66,703	—	4,171	4,710
Shimla	4,791	19,503	28,894	354	4,880	5,206
Sirmaur	18,606	9,528	28,549	930	1,846	2,890
Solan	23,834	6	23,934	1,124	842	1,943
Una	33,084	—	32,810	—	—	50
H. P. State Total ..	1,29,492	2,50,226	3,79,482	3,055	23,697	28,478

No. IV-A

of Himachal Pradesh in 1998-99

(In hectares)

Crops	Jowar						Bajra or Cumbu					
	Current		Normal		Current	Normal	Current	Normal	Current	Normal		
	8	9	10	11	12	13						
	—	—	—	3	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	—	—		
—	—	—	2	—	2	—	—	—	—	—		
—	—	—	435	—	90	—	—	—	—	—		
—	—	—	—	—	—	—	—	—	—	—		
—	—	—	—	—	—	—	—	—	—	—		
—	—	—	—	—	—	—	—	—	—	—		
—	—	—	—	16	20	—	—	—	—	—		
—	—	—	—	—	—	—	—	—	—	—		
—	—	—	—	12	50	—	—	—	—	—		
—	—	—	—	1	—	—	—	—	—	—		
—	—	—	—	—	—	—	—	—	—	—		
—	—	—	—	—	—	—	—	—	—	—		
—	—	—	469	—	162	—	—	—	—	—		

Italian millets		Kodo or Varagu & Ragi		Little millets or Kutki		Common millets	
Current	Normal	Current	Normal	Current	Normal	Current	Normal
20	21	22	23	24	25	26	27
—	—	—	—	—	—	1	—
—	—	56	—	—	—	1,745	—
—	—	13	—	—	—	—	—
—	—	279	—	—	—	—	—
—	—	149	—	—	—	2,328	—
—	—	655	—	—	—	1,000	—
—	—	—	—	—	—	178	—
46	—	1,456	—	1,122	—	471	—
—	—	1,578	—	—	—	4,689	—
—	—	450	—	—	—	229	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
46	—	4,636	—	1,122	—	10,641	—

TABLE

Area under Food Crops in each District

District	Other cereals (specify)						Total Cereals	
	Kharif		Rabi		Total			
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
1	28	29	30	31	32	33	34	35
Bilaspur	1	—	—	—	—	—	53,612	57,641
Chamba	—	—	—	—	—	—	57,376	56,018
Hamirpur	—	—	—	—	—	—	70,437	72,965
Kangra	—	—	—	—	—	—	1,95,371	1,91,517
Kinnaur	—	—	—	—	—	—	4,721	2,776
Kullu	—	—	—	—	—	—	45,477	46,817
Lahaul & Spiti	—	—	—	—	—	—	—	—
Mandi	—	—	—	—	—	—	1,045	1,008
Shimla	—	—	—	—	—	—	1,43,385	1,41,116
Sirmaur	—	—	—	—	—	—	55,977	56,074
Solan	12	—	—	—	—	—	61,909	62,384
Una	—	—	—	—	—	—	53,428	55,474
H. P. State Total	13	—	—	—	13	—	8,06,498	8,08,709

District	Pulses					
	Peas		Horse gram (Kulth)		Masur	
	Current	Normal	Current	Normal	Current	Normal
1	44	45	46	47	48	49
Bilaspur	—	90	40	160	12	20
Chamba	230	210	333	333	57	65
Hamirpur	2	—	109	179	19	41
Kangra	—	45	351	470	196	260
Kinnaur	—	299	—	—	4	—
Kullu	279	310	67	90	57	36
Lahaul & Spiti	1,210	799	—	—	—	1
Mandi	—	1,434	477	560	185	402
Shimla	—	—	658	970	71	130
Sirmaur	1,834	1,830	437	430	469	560
Solan	1,290	1,030	499	630	44	569
Una	—	—	57	79	54	70
H. P. State Total	4,845	6,047	3,028	3,901	1,168	2,154

No. IV-A—contd.

of Himachal Pradesh in 1998-99

(in hectares)

Current	Normal	Pulses							
		Gram		Green gram or Moong		Red gram or tur (Arhar)		Black gram or Urd (Mash)	
		Current	Normal	Current	Normal	Current	Normal	Current	Normal
36	37	38	39	40	41	42	43		
196	312	—	—	4	1	170	160		
—	90	4	—	—	—	2,198	2,090		
29	70	—	—	—	—	165	160		
416	410	—	126	—	—	3,124	3,100		
—	—	—	—	—	—	13	12		
39	40	18	12	—	210	1,289	1,100		
—	—	—	—	—	—	—	—		
35	50	6	4	—	—	1,788	1,281		
33	32	—	30	24	—	2,752	1,987		
269	394	—	—	7	3	1,597	1,682		
642	540	—	—	93	537	1,545	1,662		
249	315	34	70	—	—	514	714		
1,908	2,253	62	242	128	751	15,155	13,948		

Current	Normal	Other Pulses (specify)					
		Kharif		Rabi		Total	
		Current	Normal	Current	Normal	Current	Normal
50	51	52	53	54	55		
52	160	—	—	52	160		
712	619	—	—	712	619		
4	12	—	—	4	12		
328	1,298	15	20	343	1,318		
1,058	1,011	4	10	1,062	1,021		
1,237	1,228	—	2	1,237	1,230		
29	—	—	—	29	—		
1,361	1,278	2	—	1,363	1,278		
2,549	2,129	—	—	2,549	2,129		
191	2,280	—	—	191	2,280		
1	29	1	—	2	29		
11	16	—	14	11	30		
7,533	10,060	22	46	7,555	10,106		

TABLE

Area under Food Crops in each District

District	Total Pulses	
	Current	Normal
	56	57
Bilaspur	474	903
Chamba	3,534	3,407
Hamirpur	328	462
Kangra	4,430	5,729
Kinnaur	1,079	1,332
Kullu	2,986	3,028
Lahaul & Spiti	1,239	800
Mandi	3,854	5,009
Shimla	6,087	5,278
Sirmaur	4,804	7,179
Solan	4,115	4,997
Una	919	1,278
H. P. State Total	33,849	39,402

District	Fresh					
	Apple					
	Bearing trees with No. & Area			Non-bearing trees with No. & Area		
	No.	Area		No.	Area	
		Current	Normal		Current	Normal
62	63	64	65	66	67	
Bilaspur	—	—	—	—	—	—
Chamba	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—
Kangra	—	—	—	—	—	—
Kinnaur	—	1,591	—	—	318	—
Kullu	—	7,958	—	—	263	—
Lahaul & Spiti	—	19	—	—	40	—
Mandi	—	916	—	—	—	—
Shimla	—	20,028	—	—	6,772	—
Sirmaur	—	649	—	—	42	—
Solan	—	80	—	—	5	—
Una	—	—	—	—	—	—
H. P. State Total	—	31,241	—	—	7,440	—

No. IV-A—contd.

of Himachal Pradesh in 1998-99

(in hectares)

Total Foodgrains (Cereals & Pulses)		Sugarcane	
Current	Normal	Current	Normal
58	59	60	61
54,086	58,544	58	150
60,910	59,425	1	—
70,765	73,427	62	110
1,99,801	1,97,246	658	690
5,800	4,108	—	—
48,463	49,845	—	—
2,284	1,808	—	—
1,47,239	1,46,125	1	10
62,064	61,357	—	—
66,713	69,563	1,607	1,289
57,543	60,471	310	305
64,679	66,197	655	862
8,40,347	8,48,111	3,352	3,416

Fruits								
Grapes						Peaches		
Bearing trees with No. & Area			Non-bearing trees with No. & Area			Bearing trees with No. & Area		
No.	Area		No.	Area		No.	Area	
	Current	Normal		Current	Normal		Current	Normal
68	69	70	71	72	73	74	75	76
—	—	—	—	—	—	—	4	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	6	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	10	—
—	—	—	—	—	—	—	323	—
—	—	—	—	—	—	—	5	—
—	—	—	—	—	—	—	—	—
—	6	—	—	—	—	—	342	—

TABLE
Area under Food Crops in each District

District	Peaches			Plum		
	Non-Bearing trees with No. & Area			Bearing trees with No. & Area		
	No.	Area		No.	Area	
		Current	Normal		Current	Normal
1	77	78	79	80	81	82
Bilaspur	—	—	—	—	2	—
Chamba	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—
Kangra	—	—	—	—	—	—
Kinnaur	—	—	—	—	8	—
Kullu	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	740	—
Mandi	—	—	—	—	—	—
Shimla	—	—	—	—	190	—
Sirmaur	—	—	—	—	226	—
Solan	—	14	—	—	59	—
Una	—	—	—	—	63	—
H. P. State Total	—	14	—	—	1,288	—

District	Pears					
	Bearing trees with No. & Area			Non-Bearing trees with No. & Area		
	No.	Area		No.	Area	
		Current	Normal		Current	Normal
1	92	93	94	95	96	97
Bilaspur	—	7	—	—	2	—
Chamba	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—
Kangra	—	—	—	—	—	—
Kinnaur	—	—	—	—	—	—
Kullu	—	44	—	—	2	—
Lahaul & Spiti	—	—	—	—	—	—
Mandi	—	—	—	—	—	—
Shimla	—	—	—	—	—	—
Sirmaur	—	24	—	—	—	—
Solan	—	30	—	—	24	—
Una	—	—	—	—	—	—
H.P. State Total	—	105	—	—	28	—

No. IV-A—contd.

of Himachal Pradesh in 1998-99

(in hectares)

District	Plum			Litch					
	Non-Bearing trees with No. & Area			Bearing trees with No. & Area			Non-Bearing trees with No. & Area		
	No.	Area		No.	Area		No.	Area	
		Current	Normal		Current	Normal		Current	Normal
83	84	85	86	87	88	89	90	91	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	225	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	7	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	37	—	—	—	—	—	—	—	
—	8	—	—	—	—	—	—	—	
—	15	—	—	1	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	67	—	—	226	—	—	—	—	

District	Kinnu and Orange			Lemon					
	Bearing trees with No. & Area		Non-bearing trees with No. & Area		Bearing trees with No. & Area				
	No.	Area		No.	Area		No.	Area	
		Current	Normal		Current	Normal		Current	Normal
98	99	100	101	102	103	104	105	106	
—	28	—	—	2	—	—	80	—	
—	—	—	—	—	—	—	—	—	
—	2,139	—	—	—	—	—	107	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	2	—	
—	—	—	—	—	—	—	—	—	
—	24	—	—	—	—	—	45	—	
—	33	—	—	1	—	—	41	—	
—	30	—	—	5	—	—	55	—	
—	—	—	—	—	—	—	—	—	
—	2,254	—	—	8	—	—	330	—	

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TABLE
Area under Food Crops in each District

District	Lemon			Mango		
	Non-Bearing trees with No. & Area			Bearing trees with No. & Area		
	No.	Area		No.	Area	
Current		Normal	Current		Normal	
1	107	108	109	110	111	112
Bilaspur	—	12	—	—	178	—
Chamba	—	—	—	—	—	—
Hamirpur	—	—	—	—	79	—
Kangra	—	—	—	—	2,141	—
Kinnaur	—	—	—	—	—	—
Kullu	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—
Mandi	—	—	—	—	—	—
Shimla	—	4	—	—	4	—
Sirmaur	—	6	—	—	286	—
Solan	—	9	—	—	49	—
Una	—	—	—	—	—	—
H. P. State Total	—	31	—	—	2,737	—

District	Others					
	Bearing trees with No. & Area			Non-bearing trees with No. & Area		
	No.	Area		No.	Area	
Current		Normal	Current		Normal	
1	122	123	124	125	126	127
Bilaspur	—	39	—	—	17	—
Chamba	—	2,147	—	—	—	—
Hamirpur	—	5	—	—	—	—
Kangra	—	1,477	—	—	—	—
Kinnaur	—	—	—	—	—	—
Kullu	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—
Mandi	—	4,651	—	—	—	—
Shimla	—	—	—	—	—	—
Sirmaur	—	64	—	—	7	—
Solan	—	427	—	—	—	—
Una	—	538	—	—	—	—
H. P. State Total	—	9,228	—	—	24	—

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No. IV-A—*cond.*
of Himachal Pradesh in 1998-99

(in hectares)

No.	Mango		No.	Guava		No.	Non-Bearing trees with No. & Area	
	Non-Bearing trees with No. & Area			Bearing trees with No. & Area			Non-Bearing trees with No. & Area	
	No.	Area		No.	Area		No.	Area
Current		Normal	Current		Normal	Current		Normal
113	114	115	116	117	118	119	120	121
—	42	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	45	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—
—	2	—	—	—	—	—	—	—
—	18	—	—	10	—	—	4	—
—	66	—	—	5	—	—	13	—
—	—	—	—	—	—	—	—	—
—	128	—	—	60	—	—	17	—

No.	Total Fresh Fruits					
	Bearing trees with No. & Area			Non-bearing trees with No. & Area		
	No.	Area		No.	Area	
Current		Normal	Current		Normal	
128	129	130	131	132	133	
—	338	—	—	75	—	
—	2,147	—	—	—	—	
—	84	—	—	—	—	
—	6,092	—	—	—	—	
—	1,597	—	—	318	—	
—	8,744	—	—	272	—	
—	19	—	—	40	—	
—	5,757	—	—	—	—	
—	20,337	—	—	6,815	—	
—	1,489	—	—	100	—	
—	745	—	—	137	—	
—	538	—	—	—	—	
—	47,887	—	—	7,757	—	

TABLE

Area under Food Crops in each District

District	Dry					
	Walnut					
	Bearing trees with No. & Area			Non-bearing trees with No. & Area		
	No.	Area		No.	Area	
		Current	Normal		Current	Normal
1	134	135	136	137	138	139
Bilaspur	—	1	—	—	—	—
Chamba	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—
Kangra	—	9	—	—	—	—
Kinnaur	—	7	—	2	—	—
Kullu	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—
Mandi	—	—	—	—	—	—
Shimla	—	—	—	—	—	—
Sirmaur	—	11	—	3	—	—
Solan	—	4	—	—	—	—
Una	—	—	—	—	—	—
H. P. State Total	—	32	—	5	—	—

District	Chilgoza			Others		
	Non-Bearing trees with No. & Area			Bearing trees with No. & Area		
	No.	Area		No.	Area	
		Current	Normal		Current	Normal
	1	149	150	151	152	153
Bilaspur	—	—	—	—	—	—
Chamba	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—
Kangra	—	—	—	—	—	—
Kinnaur	—	—	—	—	—	—
Kullu	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—
Mandi	—	—	—	—	—	—
Shimla	—	—	—	—	—	—
Sirmaur	—	—	—	—	—	—
Solan	—	—	—	—	—	—
Una	—	—	—	—	—	—
H. P. State Total	—	—	—	—	—	—

No. IV-A—contd.

of Himachal Pradesh in 1998-99

(in hectares)

Fruits	Almonds						Chilgoza		
	Bearing trees with No. & Area			Non-bearing trees with No. & Area			Bearing-trees with No. & Area		
	No.	Area		No.	Area		No.	Area	
		Current	Normal		Current	Normal		Current	Normal
	140	141	142	143	144	145	146	147	148
—	—	—	—	—	—	—	—	—	
—	1	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	83	—	—	30	—	—	—	—	
—	58	—	—	3	—	—	314	—	
—	—	—	—	—	—	—	—	—	
—	308	—	—	93	—	—	—	—	
—	22	—	—	2	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	472	—	—	128	—	—	314	—	

Others	Other Dry Fruits								
	Non-Bearing trees with No. & Area			Bearing trees with No. & Area			Non-Bearing trees with No. & Area		
	No.	Area		No.	Area		No.	Area	
		Current	Normal		Current	Normal		Current	Normal
	155	156	157	158	159	160	161	162	163
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	148	—	—	25	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	—	
—	—	—	—	148	—	—	25	—	

TABLE

Area under Food Crops in each District

District	Total Dry Fruits					
	Bearing trees with No. & Area			Non-bearing trees with No. & Area		
	No.	Area		No.	Area	
		Current	Normal		Current	Normal
1	164	165	166	167	168	169
Bilaspur	—	2	—	—	—	—
Chamba	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—
Kangra	—	9	—	—	—	—
Kinnaur	—	552	—	—	57	—
Kullu	—	38	—	—	3	—
Lahaul & Spiti	—	—	—	—	—	—
Mandi	—	—	—	—	—	—
Shimla	—	308	—	—	93	—
Sirmaur	—	33	—	—	5	—
Solan	—	4	—	—	—	—
Una	—	—	—	—	—	—
H. P. State Total	—	966	—	—	158	—

District	Vegetables					
	Potatoes					
	Kharif		Rabi		Peas	
	Current	Normal	Current	Normal	Current	Normal
1	176	177	178	179	180	181
Bilaspur	—	20	13	16	33	60
Chamba	533	515	26	30	—	220
Hamirpur	—	11	13	6	—	—
Kangra	122	175	1,246	2,019	32	—
Kinnaur	244	250	—	—	539	510
Kullu	850	883	139	120	247	220
Lahaul & Spiti	874	2,210	—	—	—	—
Mandi	1,638	1,500	195	170	2,271	2,210
Shimla	5,130	6,720	817	490	4,141	4,005
Sirmaur	1,082	1,210	384	275	—	—
Solan	18	—	125	121	2	—
Una	89	120	293	190	69	20
H. P. State Total	10,580	13,614	3,251	3,437	7,334	7,245

No. IV-A—contd.

of Himachal Pradesh in 1998-99

(In hectares)

District	Total Fruits (Fresh and Dry)					
	Bearing trees with No. & Area			Non-bearing trees with No. & Area		
	No.	Area		No.	Area	
		Current	Normal		Current	Normal
170	171	172	173	174	175	
—	340	—	—	75	447	
—	2,147	—	—	—	1,710	
—	84	—	—	—	35	
—	6,101	—	—	—	5,100	
—	2,149	—	—	375	1,890	
—	8,802	—	—	275	6,971	
—	19	—	—	40	20	
—	5,757	—	—	—	5,040	
—	20,645	—	—	6,908	21,610	
—	1,522	—	—	105	1,590	
—	742	—	—	144	790	
—	538	—	—	—	90	
—	48,846	—	—	7,922	45,293	

District	Vegetables									
	Sweet Potatoes		Onion		Tomato		Lady Finger		Cabbage & Cauliflower	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
—	—	—	57	62	185	101	2	—	10	6
—	—	—	50	45	5	10	3	—	2	—
—	—	—	36	38	—	—	11	—	5	—
—	—	—	223	207	7	12	119	—	10	—
—	90	—	—	—	1	—	—	—	121	130
—	—	—	47	22	193	135	—	—	159	177
—	—	—	—	—	—	—	—	—	17	20
—	—	—	108	90	135	114	29	—	167	160
—	—	—	17	12	134	160	12	—	2,011	979
—	250	98	137	1,101	872	6	—	—	189	160
—	—	32	35	2,357	1,646	15	10	—	79	64
—	—	110	92	15	18	5	30	—	60	70
—	313	650	778	741	4,133	3,068	202	40	2,830	1,766

TABLE

Area under Food Crops in each District

District	Others (Specify)		Total Condiments and Spices		Other Misc. Food Crops	
	Current	Normal	Current	Normal	Current	Normal
	222	223	224	225	226	227
Bilaspur	2	2	190	194	8	—
Chamba	7	16	132	139	—	—
Hamirpur	4	11	51	59	—	—
Kangra	2	8	64	102	—	—
Kinnaur	—	—	11	10	1	—
Kullu	—	30	492	369	—	—
Lahaul & Spiti	—	—	—	—	—	—
Mandi	10	60	355	342	5	—
Shimla	—	40	609	605	—	—
Sirmaur	11	80	1,674	1,884	—	—
Solan	—	20	380	309	—	—
Una	—	—	58	68	—	—
H. P. State Total	36	267	4,016	4,081	14	—

TABLE

Area under Non Food Crops in each District

District	Fibres					
	Cotton					
	Desi		American		Total	
	Current	Normal	Current	Normal	Current	Normal
1	230	231	232	233	234	235
Bilaspur	12	4	—	—	12	4
Chamba	—	3	—	—	—	3
Hamirpur	2	2	—	—	2	2
Kangra	29	34	—	—	29	34
Kinnaur	—	—	—	—	—	—
Kullu	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—
Mandi	—	—	—	—	—	—
Shimla	—	—	—	—	—	—
Sirmaur	3	30	—	—	3	30
Solan	5	23	—	—	5	23
Una	2	6	4	—	6	6
H. P. State Total	53	102	4	—	57	102

No. IV-A—Concl.

of Himachal Pradesh in 1998-99

(In hectares)

Total Food Crops	
Current	Normal
228	229
55,255	59,786
63,888	62,175
71,161	73,822
2,08,853	2,05,990
9,257	7,015
60,340	59,454
3,243	4,058
1,58,261	1,56,041
1,03,288	96,871
75,016	77,803
62,318	65,230
66,857	68,122
9,37,737	9,36,457

No. IV-B

of Himachal Pradesh in 1998-99

(In hectares)

Fibres							
Hemp		Other fibres (Specify)				Total Fibres	
Current	Normal	Current	Normal	Current	Normal	Current	Normal
236	237	238	239	240	241	242	243
—	—	1	—	—	—	13	4
—	—	—	—	—	—	—	3
—	—	—	—	—	—	2	2
—	—	75	30	—	—	104	64
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	2	2	—	—	5	32
—	—	—	—	—	—	5	23
21	45	—	—	—	—	27	51
21	45	78	32	—	—	156	179

TABLE
Area under Non Food Crops in each District

District	Drugs and							
	Tobacco		Tea		Bhang or Indian Hemp		Poppy (Opium)	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
1	274	275	276	277	278	279	280	281
Bilaspur	—	4	—	—	—	—	—	—
Chamba	46	30	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—	—	—
Kangra	—	—	2,549	2,408	—	—	—	—
Kinnaur	—	—	—	—	—	—	—	—
Kullu	13	20	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—	—	—
Mandi	—	—	461	460	—	—	—	—
Shimla	—	—	—	—	—	—	—	—
Sirmaur	—	—	—	—	—	—	—	—
Solan	—	10	—	—	—	—	—	—
Una	—	2	—	—	—	—	—	—
H.P. State Total	59	66	3,010	2,868	—	—	—	—

District	Total fodder crops				Other Misc. Non-Food Crops (Specify)			
	Current		Normal		Current		Normal	
	292	293	294	295	296	297	298	299
Bilaspur	142	183	—	—	—	—	—	—
Chamba	13	22	—	—	—	—	—	—
Hamirpur	197	177	—	—	—	—	—	—
Kangra	3,774	3,338	—	—	—	—	—	—
Kinnaur	2	—	1	1	—	—	—	—
Kullu	24	32	—	—	—	—	—	—
Lahaul & Spiti	—	—	54	51	—	—	—	—
Mandi	841	904	71	25	—	—	—	—
Shimla	10	6	3	—	—	—	—	—
Sirmaur	1,918	2,120	28	23	—	—	—	—
Solan	1,398	2,544	—	—	—	—	—	—
Una	1,618	2,340	—	—	—	—	—	—
H.P. State Total	9,937	11,666	157	100	—	—	—	—

No. IV-B—concl'd.

of Himachal Pradesh in 1998-99

(in hectares)

Narcotics				Fodder Crops					
Other (Specify)		Total		Barseem & Lucerne		Chari		Others (Specify)	
Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
282	283	284	285	286	287	288	289	290	291
—	—	—	4	83	120	46	60	13	3
—	—	46	30	8	20	—	—	5	2
—	—	—	—	169	160	28	17	—	—
70	—	2,619	2,408	2,423	2,450	1,055	888	296	—
61	—	61	—	2	—	—	—	—	—
—	—	13	20	6	20	12	—	6	12
40	—	40	—	—	—	—	—	—	—
166	—	627	460	734	799	77	45	30	60
4	—	4	—	10	6	—	—	—	—
—	—	—	—	703	890	955	1,100	260	130
—	—	—	10	168	1,219	1,161	1,325	69	—
—	—	—	2	541	1,100	893	1,150	184	90
341	—	3,410	2,934	4,847	6,784	4,227	4,585	863	297

Total Non-Food Crops		Total Food & Non-food Crops	
Current	Normal	Current	Normal
296	297	298	299
668	930	55,923	60,716
2,652	2,773	66,540	64,948
454	531	71,615	74,353
13,634	13,677	2,22,487	2,19,667
77	31	9,334	7,046
639	707	60,979	60,161
115	71	3,358	4,129
2,840	2,677	1,61,101	1,58,718
1,118	1,105	1,04,406	97,977
3,266	3,398	78,282	81,201
3,124	4,699	65,442	69,929
3,812	4,821	70,669	73,033
32,399	35,421	9,70,136	9,71,878

TABLE

AGRICULTURAL CENSUS AS PER CENSUS
Number and Area of operational holding by size classes

Sl. No.	Size class (ha.)	Individual holdings		Joint holdings	
		Number	Area	Number	Area
1	2	3	4	5	6
1.	Below 0.5	3,60,136	89,564	1,279	307
2.	0.5-1.0	1,93,331	1,39,727	756	560
	Marginal	5,53,467	2,29,291	2,035	867
3.	1.0-2.0	1,72,787	2,39,586	565	728
	Small	1,72,787	2,39,586	565	728
4.	2.0-3.0	65,505	1,55,726	172	395
5.	3.0-4.0	29,083	98,489	72	231
	Semi-Medium	94,568	2,54,215	244	626
6.	4.0-5.0	14,929	65,691	44	180
7.	5.0-7.5	14,184	84,742	60	316
8.	7.5-10.0	5,017	42,872	25	197
	Medium	34,130	1,93,305	129	693
9.	10.0-20.0	3,898	51,244	17	239
10.	20.0 & above	728	23,536	7	203
	Large	4,626	74,780	24	442
	All Sizes	8,59,598	9,91,177	2,997	3,356

Note.—Similar Tables have to be prepared separately for Scheduled Castes and

No. IX

1995-96 STATE TOTALS

and type of holdings for all social groups

(Area in hectares)

Sub-Total		Institutional holdings		Total holdings	
Number	Area	Number	Area	Number	Area
7	8	9	10	11	12
3,61,415	89,871	270	60	3,61,685	89,931
1,94,087	1,40,287	119	87	1,94,206	1,40,374
5,55,502	2,30,158	389	147	5,55,891	2,30,305
1,73,352	2,40,314	114	169	1,73,466	2,40,483
1,73,352	2,40,314	114	169	1,73,466	2,40,483
65,677	1,56,121	60	138	65,737	1,56,259
29,155	98,720	65	216	29,220	98,936
94,832	2,54,841	125	354	94,957	2,55,195
14,973	65,871	27	122	15,000	65,993
14,244	85,058	55	351	14,209	85,409
5,042	43,069	36	311	5,078	43,380
34,259	1,93,998	118	784	34,377	1,94,782
3,915	51,483	55	731	3,970	52,214
735	23,739	41	2,382	776	26,121
4,650	75,222	96	3,113	4,746	78,335
8,62,595	9,94,553	842	4,567	8,63,437	9,99,107

Scheduled Tribes and Others.

Instructions and Explanations for Filling up the Tables

SUMMARY TABLES

The Summary Tables are to be extracted from the detailed tables which follow. They are included for people interested only in state figures and the agricultural trends in the state.

The summary tables should, therefore, give the state figures for the current year and to facilitate comparison, the corresponding figures for the preceding four years with the exception of table G and H where comparative figures are to be given for the previous year and the last two censuses respectively.

The summary tables should cover all the tables given in the report except rainfall since the average rainfall for a state is rather a vague concept and may be misleading.

The relationship of the summary tables to the main tables is shown below:—

Summary Tables	Main Table(s) to which it relates
A	Table II
B	Table IIIA
C	Table IIIB
D	Table IV A, IV B & IV C
E	Table V A & V B
F	Table VI
G	Table VII
H	Table VIII

1. Rainfall (Table I)

1.1 The rainfall statement should give the amount of rainfall received in each month of the different season by the different districts of the State. The rainfall for the district will be the average rainfall of all the rain recording stations situated in the district.

1.2 The total number of rainy days in the season will give an indication of the spread of rainfall.

1.3 The number of season into which the year may be divided will depend upon the local rainfall conditions, and the recognised seasons may be adopted for this purpose. It may, therefore, not be possible to prescribe any rigid season for all the states. However, the following

divisions may suit to the states with the exception of a few who, because of different climatic conditions in their regions, may give rainfall figures for other recognised rainfall seasons :—

1. 1st June to 30th September (Monsoon).
2. 1st October to 30th December (Post-monsoon).
3. 1st January to 31st March (Winter).
4. 1st April to 31st May (Pre-monsoon).

2. Classification of Area (Table II)

2.1 This Table is in conformity with the revised classification agreed to by all the States for Table II of the Indian Agricultural Statistics. It is included to indicate broadly the utilization of land.

3. Sources of Water Supply, Area Irrigated there from and Irrigated Area Under Crops (Table III A and B)

3.1 The information required to be given under this head is of two types *viz.* :—

- (i) the size of each of the different types of sources of winter supply; and
- (ii) the areas irrigated by each of them separately.

3.2 Irrigation plays such an important part in agriculture that it is absolutely essential for all the States to keep a detailed record of the available sources of irrigation and the areas irrigated by them. With this end in view it is now proposed that as regards item No. (i) above, all the states reports should show :—

- (a) The number of Government canals.
- (b) The number of tube-wells, Government and Private, the number of wells in use for irrigation purposes only, the number of wells used for domestic purposes only, and the number of wells not in use. The second category is further divided and sub-divided into the following categories :—

Government—Masonry and non-masonry

Private—Masonry and non-masonry.

- (c) The number of reservoirs
- (d) The number of tanks divided into three parts *viz.* :
 - (i) with ayacut less than 100 hect;
 - (ii) with ayacut 100 hect. or more;

TABLE

Details of Cropped area in each

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	27,693	207	27,562	461	55,255	668	55,923
Chamba	39,940	115	23,948	2,537	63,888	2,652	66,540
Hamirpur	35,839	84	35,322	370	71,161	454	71,615
Kangra	1,01,455	7,082	1,07,398	6,552	2,03,853	13,634	2,22,487
Kinnaur	6,744	72	2,513	5	9,257	77	9,334
Kullu	31,806	33	28,534	606	60,340	639	60,979
Lahaul & Spiti	1,175	94	2,068	21	3,243	115	3,358
Mandi	83,891	978	74,370	1,862	1,58,261	2,840	1,61,101
Shimla	68,523	108	34,765	1,010	1,03,288	1,118	1,04,406
Sirmaur	40,677	1,493	34,339	1,773	75,016	3,266	78,282
Solan	33,529	1,745	28,789	1,379	62,318	3,124	65,442
Una	32,557	1,699	34,300	2,113	66,857	3,812	70,669
H. P. State Total ..	5,03,829	13,710	4,33,908	18,689	9,37,737	32,399	9,70,136

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

TABLE

Standard Yield per Hect. of the Principal Crops

District	CEREALS					
	Rice			Maize		
	Standard	Condition factor	Current	Standard	Condition factor	Current
1	2	3	4	5	6	7
Bilaspur	—	—	1249.404	—	—	1722.293
Chamba	—	—	1341.342	—	—	2572.816
Hamirpur	—	—	1497.976	—	—	1805.187
Kangra	—	—	1382.203	—	—	1575.223
Kinnaur	—	—	1422.789	—	—	2201.221
Kullu	—	—	1187.321	—	—	2259.278
Lahaul & Spiti	—	—	—	—	—	2201.221
Mandi	—	—	1422.802	—	—	2786.297
Shimla	—	—	1284.503	—	—	2219.169
Sirmaur	—	—	1470.473	—	—	2867.976
Solan	—	—	1688.163	—	—	2674.233
Una	—	—	2056.934	—	—	1872.036
State Average	—	—	1422.789	—	—	2201.221

No. IV-C

District of Himachal Pradesh in 1998-99

(in hectares)

Area Cropped more than once	Net Cropped Area	Cropped area of Forecast Crops		Area Under Mixed Sowing		Crop at the rate of mixture				
		Matured	Failed	Wheat Barley (Cropmix)		Crop at the rate of mixture				
				Net area under Wheat	Net area under Barely	Gross area under (Unad-justed)	Net area under	Total Unad-justed area under mixture		
9	10	11	12	13	14	15	16	17	18	
26,315	29,608	—	—	—	—	—	—	—	—	—
26,984	39,556	—	—	—	—	—	—	—	—	—
35,177	36,438	—	—	—	—	—	—	—	—	—
1,03,966	1,18,521	—	—	—	—	—	—	—	—	—
1,817	7,517	—	—	—	—	—	—	—	—	—
24,455	36,524	—	—	—	—	—	—	—	—	—
139	3,219	—	—	—	—	—	—	—	—	—
75,315	85,786	—	—	—	—	—	—	—	—	—
33,624	70,782	—	—	—	—	—	—	—	—	—
35,794	42,488	—	—	—	—	—	—	—	—	—
25,792	39,650	—	—	—	—	—	—	—	—	—
31,339	39,330	—	—	—	—	—	—	—	—	—
4,20,717	5,49,419	—	—	—	—	—	—	—	—	—

No. V-A

in each District of Himachal Pradesh in 1998-99

(Kgs.)

Standard	CEREALS				
	Jowar or Cholum			Bajra or Cumbu	
	Condition factor	Current	Standard	Condition factor	Current
8	9	10	11	12	13
—	—	—	553	100	553
—	—	—	553	—	—
—	—	—	553	100	553
—	—	—	553	100	553
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	553	—	553
—	—	—	553	100	553
—	—	—	553	—	553
—	—	—	—	—	—
—	—	—	—	—	553

TABLE

Standard Yield per Hect. in 1998-99 of the Principal

District	Gram			Red Gram or (Arhar)		
	Standard	Condition factor	Current	Standard	Condition factor	Current
1	41	42	43	44	45	46
Bilaspur	947	90	852	253	100	253
Chamba	347	—	—	—	—	—
Hamirpur	347	90	312	—	—	—
Kangra	870	80	696	—	—	—
Kinnaur	—	—	—	—	—	—
Kullu	347	80	278	—	—	—
Lahaul & Spiti	—	—	—	—	—	—
Mandi	1,001	90	901	—	—	—
Shimla	1,225	67	821	230	100	230
Sirmaur	1,076	90	968	230	100	230
Solan	1,177	92	1,059	230	100	230
Una	1,321	90	1,189	—	—	—
State Average ..	—	—	786	—	—	236

FOOD

District	Peas			Sugarcane		
	Standard	Condition factor	Current	Standard	Condition factor	Current
1	56	57	58	59	60	61
Bilaspur	1,329	—	—	7,973	70	5,581
Chamba	1,329	90	1,196	—	—	—
Hamirpur	1,329	90	1,196	1,300	100	1,300
Kangra	1,693	—	—	1,625	100	1,625
Kinnaur	524	—	—	—	—	—
Kullu	1,329	75	997	—	—	—
Lahaul & Spiti	5,533	100	5,533	—	—	—
Mandi	1,329	—	—	7,385	100	7,385
Shimla	1,329	—	—	—	—	—
Sirmaur	1,289	90	1,160	2,490	100	2,490
Solan	1,329	90	1,196	1,348	100	1,348
Una	1,329	—	—	16,487	100	16,487
State Average ..	—	—	1,880	—	—	5,174

No. V-A—contd.

Crops in each District of Himachal Pradesh

(Kgs.)

Standard	Condition factor	Current	Black Gram or Urd (Mash)			Horse Gram (Kulth)			Masur		
			Standard	Condition factor	Current	Standard	Condition factor	Current	Standard	Condition factor	Current
47	48	49	50	51	52	53	54	55	56	57	58
625	90	563	625	90	563	329	90	296	—	—	—
423	90	381	423	100	423	329	70	230	—	—	—
521	90	469	521	90	479	329	100	329	—	—	—
521	100	521	521	100	521	329	80	263	—	—	—
1,530	100	1,530	—	—	—	1,481	100	1,481	—	—	—
230	100	230	247	100	247	329	100	329	—	—	—
950	70	665	988	100	988	329	100	329	—	—	—
394	90	355	394	90	355	329	80	263	—	—	—
380	100	380	380	100	380	526	100	526	—	—	—
157	100	157	261	100	261	1,318	90	1,186	—	—	—
383	100	383	353	100	353	800	90	720	—	—	—
—	—	512	—	—	456	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	541

CROPS

Standard	Condition factor	Current	Ginger			Cardamom		
			Standard	Condition factor	Current	Standard	Condition factor	Current
62	63	64	65	66	67	68	69	
2,459	70	1,721	—	—	—	—	—	
1,223	80	978	—	—	—	—	—	
1,223	80	978	—	—	—	—	—	
—	—	—	—	—	—	—	—	
—	—	—	—	—	—	—	—	
1,025	90	923	—	—	—	—	—	
2,463	90	2,217	—	—	—	—	—	
1,734	80	1,387	—	—	—	—	—	
1,223	100	1,223	—	—	—	—	—	
1,223	100	1,223	—	—	—	—	—	
—	—	1,331	—	—	—	—	—	

TABLE

Standard Yield per Hect. in 1998-99 of the Principal

District	Non-								
	Sesamum			Rape Seeds			Mustard		
	Stan- dard	Condi- tion factor	Cur- rent	Stan- dard	Condi- tion factor	Cur- rent	Stan- dard	Condi- tion factor	Cur- rent
1	140	141	142	143	144	145	146	147	148
Bilaspur	502	80	402	—	—	—	833	100	833
Chamba	348	90	313	—	—	—	284	90	256
Hamirpur	650	70	455	—	—	—	833	90	750
Kangra	650	80	520	—	—	—	833	100	833
Kinnaur	—	—	—	—	—	—	1,463	100	1,463
Kullu	523	—	—	—	—	—	833	90	750
Lahaul & Spiti	523	—	—	—	—	—	1,483	100	1,483
Mandi	523	100	523	—	—	—	209	100	209
Shimla	277	100	277	—	—	—	478	100	478
Sirmaur	471	90	424	—	—	—	531	90	478
Solan	331	100	331	—	—	—	478	80	382
Una	315	100	315	—	—	—	975	70	603
State Average ..	—	—	396	—	—	—	—	—	717

District	Caster			Soyabean			Sunflower others		
	Stan- dard	Condi- tion factor	Cur- rent	Stan- dard	Con- dition factor	Cur- rent	Stan- dard	Con- dition factor	Cur- rent
	1	158	159	160	161	162	163	164	165
Bilaspur	—	—	—	1,635	90	1,474	—	—	—
Chamba	—	—	—	—	—	—	—	—	—
Hamirpur	—	—	—	1,635	—	—	—	—	—
Kangra	—	—	—	1,635	65	1,063	—	—	—
Kinnaur	—	—	—	—	—	—	—	—	—
Kullu	—	—	—	1,635	100	1,635	—	—	—
Lahaul & Spiti	—	—	—	—	—	—	—	—	—
Mandi	—	—	—	1,635	90	1,472	—	—	—
Shimla	—	—	—	1,635	70	1,145	—	—	—
Sirmaur	—	—	—	369	100	369	—	—	—
Solan	—	—	—	1,635	70	1,145	531	100	—
Una	—	—	—	—	—	—	531	100	531
State Average ..	—	—	—	—	—	11,87	—	—	531

No. V-A—contd.

Crops in each District of Himachal Pradesh

(Kgs.)

Standard	Food Crops			Standard	Condi- tion factor	Current	Standard	Condi- tion factor	Current	Standard	Condi- tion factor	Current			
	Linseed		Groundnut										Taramira		
	Standard	Condi- tion factor	Standard										Condi- tion factor	Standard	Condi- tion factor
149	150	151	152	153	154	155	156	157	—	—	—	—			
293	—	—	465	100	465	581	100	581	—	—	—	—			
184	90	166	—	—	—	—	—	—	—	—	—	—			
277	90	249	465	—	—	581	100	581	—	—	—	—			
277	100	277	465	—	—	581	100	581	—	—	—	—			
—	—	—	465	—	—	—	—	—	—	—	—	—			
—	—	—	465	100	465	—	—	—	—	—	—	—			
—	—	—	465	—	—	—	—	—	—	—	—	—			
106	100	106	465	100	465	209	90	188	—	—	—	—			
—	—	—	465	100	465	—	—	—	—	—	—	—			
277	—	—	469	90	419	611	100	611	—	—	—	—			
—	—	—	1,419	90	1,277	975	100	975	—	—	—	—			
636	100	636	1,042	90	938	360	100	360	—	—	—	—			
—	—	287	—	—	642	—	—	—	—	—	—	554			

Standard	Tobacco			Acasia			Tea		
	Stan- dard	Condi- tion factor	Cur- rent	Stan- dard	Condi- tion factor	Cur- rent	Stan- dard	Condi- tion factor	Cur- rent
	167	168	169	170	171	172	173	174	175
1,149	—	—	—	—	—	—	—	—	—
1,149	100	1,149	—	—	—	—	—	—	—
1,149	—	—	—	—	—	—	—	—	—
1,149	—	—	—	—	—	—	—	—	—
1,149	100	1,149	—	—	—	—	—	—	—
2,017	—	—	—	—	—	—	—	—	—
1,149	—	—	—	—	—	—	—	—	—
1,149	—	—	—	—	—	—	—	—	—
2,017	—	—	—	—	—	—	—	—	—
—	—	1,149	—	—	—	—	—	—	—

TABLE

Standard Yield per Hect. in 1998-99 of the Principal

District	Non-Food Crops								
	Indian Hemp			Opium			Cinchona		
	Stan- dard	Con- dition factor	Cur- rent	Stan- dard	Con- dition factor	Cur- rent	Stan- dard	Con- dition factor	Cur- rent
1	176	177	178	179	180	181	182	183	184
Bilaspur	—	—	—	—	—	—	—	—	—
Chamba	—	—	—	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—	—	—	—
Kangra	—	—	—	—	—	—	—	—	—
Kinnaur	—	—	—	—	—	—	—	—	—
Kullu	—	—	—	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—	—	—	—
Mandi	—	—	—	—	—	—	—	—	—
Shimla	—	—	—	—	—	—	—	—	—
Sirmaur	—	—	—	—	—	—	—	—	—
Solan	—	—	—	—	—	—	—	—	—
Una	—	—	—	—	—	—	—	—	—
State Average	—	—	—	—	—	—	—	—	—

No. V-A—concl.

Crops in each District of Himachal Pradesh

(Kgs.)

Standard	Cotton								
	Desi			American			San-Hemp		
	Standard	Condi- tion factor	Current	Standard	Condi- tion factor	Current	Standard	Condi- tion factor	Current
185	186	187	188	189	190	191	192	193	
568	90	511	—	—	—	—	—	—	—
568	90	511	—	—	—	—	—	—	—
568	90	511	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
568	100	568	—	—	—	—	—	—	—
568	100	568	—	—	—	—	—	—	—
568	100	568	—	—	—	—	—	—	—
—	—	540	—	—	—	—	—	—	—

TABLE

Total out-turn of Principal Crops of

District	Food					
	Rice		Maize		Jowar or Cholum	
	Current	Normal	Current	Normal	Current	Normal
1	2	3	4	5	6	7
Bilaspur	2,584	3,080	42,167	40,245	—	—
Chamba	3,878	4,100	75,026	76,401	—	—
Hamirpur	4,040	3,993	58,770	49,172	—	—
Kangra	52,148	48,646	87,901	87,158	—	—
Kinnaur	33	32	649	778	—	—
Kullu	1,965	2,634	35,249	38,978	—	—
Lahaul & Spiti	—	—	77	75	—	—
Mandi	29,448	28,931	1,35,506	24,859	—	—
Shimla	3,722	4,325	38,356	40,945	—	—
Sirmaur	7,682	7,190	71,940	62,329	—	—
Solan	6,165	6,884	64,067	52,678	—	—
Una	5,332	5,781	52,574	53,583	—	—
H. P. State Total ..	1,16,997	1,15,596	6,62,282	6,27,201	—	—

District	Other Millets (Specify)							
	Kodo or Varagu		Little & Common Millets		Other Millets (Specify)			
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
1	18	19	20	21	22	23	24	25
Bilaspur	—	—	—	—	—	—	—	—
Chamba	—	—	—	—	456	410	—	—
Hamirpur	—	—	—	—	3	4	—	—
Kangra	—	—	—	—	71	85	—	—
Kinnaur	—	—	—	—	1,018	1,012	—	—
Kullu	—	—	—	—	419	585	—	—
Lahaul & Spiti	—	—	—	—	73	100	—	—
Mandi	—	—	—	—	783	510	—	—
Shimla	—	—	—	—	63,68	7,068	—	—
Sirmaur	—	—	—	—	690	643	—	—
Solan	—	—	—	—	11	—	—	—
Una	—	—	—	—	—	—	—	—
H.P. State Total ..	—	—	—	—	9,892	10,417	—	—

No. V-B

Himachal Pradesh in 1998-99

(In Metric Tonnes)

Crops	Crops									
	Bajra or cumbu		Wheat		Barley		Ragi or Marua		Italian Millots	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
8	9	10	11	12	13	14	15	16	17	
2	—	32,351	46,214	329	429	—	—	—	—	
—	—	20,453	24,587	3,936	4,414	—	—	—	—	
1	—	45,844	50,043	139	195	—	—	—	—	
241	—	1,20,953	1,27,919	2,975	3,302	—	—	—	—	
—	—	996	903	3,154	2,688	—	—	—	—	
—	—	38,757	43,589	3,794	3,748	—	—	—	—	
—	—	234	277	671	789	—	—	—	—	
9	—	67,590	97,896	2,799	6,072	—	—	—	—	
—	—	21,925	29,094	5,075	6,449	—	—	—	—	
7	—	36,106	40,568	2,445	3,134	—	—	—	—	
6	—	37,245	35,898	2,439	2,374	—	—	—	—	
—	—	58,813	58,665	—	80	—	—	—	—	
266	—	4,81,267	5,55,653	27,756	33,674	—	—	—	—	

Total	Cereals		Gram		Peas		Green Gram or Moong		Red Gram or Tur or Arhar	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
	26	27	28	29	30	31	32	33	34	35
77,433	89,968	167	210	—	—	—	1	1	—	—
1,03,749	1,09,912	—	30	275	202	1	—	—	—	—
1,08,797	1,03,407	9	20	2	—	—	—	—	—	—
2,64,289	2,67,110	290	311	—	25	—	—	—	—	—
5,850	5,413	—	—	—	—	—	—	—	—	—
80,184	89,534	11	18	278	180	5	90	—	—	—
1,055	1,241	—	—	6,694	6,039	—	—	—	—	18
2,36,135	2,58,268	32	30	—	—	3	1	—	—	1
75,446	87,881	27	25	—	—	—	1	6	1	—
1,18,870	1,13,864	260	309	2,127	1,929	—	2	2	—	—
1,09,933	97,834	680	705	1,543	1,335	—	75	21	—	90
1,16,719	1,18,109	177	209	—	—	16	2	—	—	—
12,98,460	13,42,541	1,653	1,867	10,919	9,760	25	172	30	110	—

TABLE

Total Out-turn of Principal Crops of

District	Fruits							
	Chilgoja		Walnut		Grapes		Almond	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
1	64	65	66	67	68	69	70	71
Bilaspur	—	—	—	—	—	—	—	—
Chamba	—	—	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—	—	—
Kangra	—	—	—	—	—	—	—	—
Kinnaur	—	—	—	—	—	—	—	—
Kullu	—	—	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—	—	—
Mandi	—	—	—	—	—	—	—	—
Shimla	—	—	—	—	—	—	—	—
Sirmaur	—	—	—	—	—	—	—	—
Solan	—	—	—	—	—	—	—	—
Una	—	—	—	—	—	—	—	—
H. P. State Total ..	—	—	—	—	—	—	—	—

District	Vegetables						Condiments	
	Brinjal		Lady Finger		Ginger		Turmeric	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
1	82	83	84	85	86	87	88	89
Bilaspur	—	—	—	—	239	225	11	8
Chamba	—	—	—	—	—	—	—	—
Hamirpur	—	—	—	—	7	7	18	20
Kangra	—	—	—	—	17	21	4	2
Kinnaur	—	—	—	—	—	—	—	—
Kullu	—	—	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—	—	—
Mandi	—	—	—	—	60	70	10	8
Shimla	—	—	—	—	437	431	1	—
Sirmaur	—	—	—	—	1,402	1,101	11	10
Solan	—	—	—	—	438	309	—	—
Una	—	—	—	—	31	2	4	6
H. P. State Total ..	—	—	—	—	2,631	2,216	59	54

No. V-B—contd.

Himachal Pradesh in 1998-99

(In Metric Tonnes)

Kharif	Vegetables								Peas	
	Potatoes		Rabi	Potatoes		Total	Potatoes		Tomatoes	Cabbage and Cauliflower
	Current	Normal	Current	Normal	Current	Normal	Current	Normal	Current	Normal
72	73	74	75	76	77	78	79	80	81	
—	—	153	—	153	109	—	—	—	—	
6,274	—	306	—	6,580	3,509	—	—	—	—	
—	—	153	—	153	111	—	—	—	—	
567	—	5,790	—	6,357	7,956	—	—	—	—	
1,100	—	—	—	1,100	1,710	—	—	—	—	
9,773	—	1,828	—	11,601	8,905	—	—	—	—	
20,123	—	—	—	20,123	21,963	—	—	—	—	
12,323	—	1,467	—	13,790	11,369	—	—	—	—	
69,390	—	9,618	—	70,000	43,440	—	—	—	—	
12,737	—	4,520	—	17,257	14,208	—	—	—	—	
212	—	1,472	—	1,684	1,055	—	—	—	—	
1,048	—	3,449	—	4,497	3,410	—	—	—	—	
1,24,547	—	28,756	—	1,53,303	1,17,745	—	—	—	—	

Cardamom	And Spices								
	Chillies		Zeera		Garlic		Coriander		
	Current	Normal	Current	Normal	Current	Normal	Current	Normal	
90	91	92	93	94	95	96	97	98	99
—	—	3	3	—	—	24	58	—	—
—	—	9	8	—	—	41	46	4	5
—	—	1	—	—	—	9	30	1	—
—	—	1	14	—	—	37	601	1	—
—	—	—	—	—	—	3	—	—	—
—	—	31	33	—	—	330	200	21	16
—	—	—	—	—	—	—	—	—	—
—	—	49	40	—	—	20	45	3	3
—	—	41	45	—	—	18	18	67	49
—	—	86	209	—	—	173	210	31	—
—	—	2	1	—	—	16	30	—	—
—	—	1	2	—	—	29	210	—	—
—	—	224	355	—	—	700	1,448	128	73

TABLE

Total Outturn of Principal Crops of

District	Condiments & Spices								Non-Food	
	Other (Specify)				Total Condi- ment & Spices				Sugarcane (Gur)	
	Cur- rent	Nor- mal	Cur- rent	Nor- mal	Cur- rent	Nor- mal	Cur- rent	Nor- mal	Cur- rent	Nor- mal
1	100	101	102	103	104	105	106	107	108	109
Bilaspur	—	—	—	—	—	—	277	290	324	450
Chamba	—	—	—	—	—	—	54	60	—	—
Hamirpur	—	—	—	—	—	—	36	60	81	82
Kangra	—	—	—	—	—	—	60	410	1,069	988
Kinnaur	—	—	—	—	—	—	3	—	—	—
Kullu	—	—	—	—	—	—	382	250	—	—
Lahaul & Spiti	—	—	—	—	—	—	—	—	—	—
Mandi	—	—	—	—	—	—	142	159	7	15
Shimla	—	—	—	—	—	—	564	570	—	—
Sirmaur	—	—	—	—	—	—	17,03	1,619	2,657	3,419
Solan	—	—	—	—	—	—	456	317	418	290
Una	—	—	—	—	—	—	65	210	10,798	9,011
H. P. State Total	—	—	—	—	—	—	3,742	3,965	15,354	14,255

Non-

District	Mustard		Linseed		Taramira		Soyabean	
	Cur- rent	Nor- mal	Cur- rent	Nor- mal	Cur- rent	Nor- mal	Cur- rent	Nor- mal
	118	119	120	121	122	123	124	125
1	118	119	120	121	122	123	124	125
Bilaspur	72	220	—	—	69	110	8	20
Chamba	719	770	3	25	—	21	—	—
Hamirpur	133	120	1	1	122	15	—	—
Kangra	1,559	1,273	574	805	67	50	70	30
Kinnaur	19	28	—	—	—	—	—	15
Kullu	437	455	—	—	—	—	31	—
Lahaul & Spiti	31	30	—	—	—	—	—	105
Mandi	117	110	36	30	2	3	599	110
Shimla	478	305	—	—	—	—	412	70
Sirmaur	443	375	—	80	87	120	8	90
Solan	129	189	—	510	477	510	25	5
Una	570	611	3	90	202	180	—	—
H. P. State Total	4,707	4,486	617	1,541	1,026	1,009	1,153	445

No. V-B—contd.

Himachal Pradesh in 1998-99

(In Metric Tonnes)

Crops	Food Crops		Groundnut		Sesamum		Rapeseed	
	Current	Normal	Current	Normal	Current	Normal	Current	Normal
	110	111	112	113	114	115	116	117
	78,503	91,390	1	—	54	109	—	—
	1,11,837	1,11,297	—	—	20	19	—	—
	1,09,213	1,03,804	—	—	25	30	—	—
	2,74,007	2,71,363	—	—	1,596	1,904	—	—
	8,237	5,437	—	—	—	—	—	—
	93,200	90,646	1	—	—	—	—	—
	27,882	7,348	—	—	—	50	—	—
	2,52,233	2,60,294	6	7	35	40	—	—
	1,47,783	90,331	7	—	14	20	—	—
	1,44,035	1,23,372	24	25	70	70	—	—
	1,15,163	1,01,511	244	310	104	170	—	—
	1,32,537	1,28,107	3	7	204	159	—	—
	14,94,630	13,84,900	286	349	2,122	2,571	—	—

Food Crops

Sunflower & other	Acacia		Tobacco		Tea		Indian Hemp		
	Cur- rent	Normal	Cur- rent	Normal	Current	Normal	Current	Normal	
	126	127	128	129	130	131	132	133	
126	127	128	129	130	131	132	133	134	
	—	—	—	—	—	1	—	—	—
	—	—	—	—	5	21	—	—	—
	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	15	—	—	—
	—	—	—	—	15	17	—	—	—
	—	—	—	—	—	1	—	—	—
	—	—	—	—	—	4	—	—	—
	—	—	—	—	—	—	—	—	—
	178	—	—	—	—	—	—	—	—
	3	—	—	—	—	—	—	—	—
	181	—	—	—	20	59	—	—	—

TABLE

Total Out-turn of Principal Crops of

District	Non-Food Crops					
	Opium		San Hemp		Barseem	
	Current	Normal	Current	Normal	Current	Normal
I	136	137	138	139	140	141
Bilaspur	—	—	—	—	—	—
Chamba	—	—	—	—	—	—
Hamirpur	—	—	—	—	—	—
Kangra	—	—	—	—	—	—
Kinnaur	—	—	—	—	—	—
Kullu	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—
Mandi	—	—	—	—	—	—
Shimla	—	—	—	—	—	—
Sirmaur	—	—	—	—	—	—
Solan	—	—	—	—	—	—
Una	—	—	—	—	—	—
H. P. State Total	—	—	—	—	—	—

No. V-B—concl.

Himachal Pradesh in 1998-99

(In Metric Tonnes)

Cotton (in Bales of 170 kgm.)							
Current	Normal	Current	Normal	Total Non-Food Crops		Total Food and Non-Food crops	
				Current	Normal	Current	Normal
142	143	144	145	146	147	148	149
6	11	—	—	210	471	78,713	98,861
—	—	—	—	747	856	1,12,584	1,12,153
1	3	—	—	282	169	1,09,495	1,03,973
15	50	—	—	3,881	4,112	2,77,888	2,75,475
—	—	—	—	19	58	8,256	5,495
—	—	—	—	484	472	93,684	91,118
—	—	—	—	31	186	27,913	7,534
—	—	—	—	795	304	2,53,028	2,60,598
—	—	—	—	911	395	1,48,694	90,726
2	23	—	—	634	783	1,44,669	1,24,155
3	10	—	—	1,160	1,704	1,16,323	1,03,215
3	12	—	—	988	1,059	1,33,525	1,29,166
30	109	—	—	10,142	10,569	15,04,772	13,95,469
(176 Bales)							

TABLE
Farm Harvest Prices during 1998-99 of

District	Rice		Wheat		Maize		Bajra	
	Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year
1	2	3	4	5	6	7	8	9
Bilaspur	525	547	625	512	500	453	—	—
Chamba	1,093	550	548	548	512	501	—	—
Hamirpur	428	—	654	453	—	446	—	—
Kangra	510	—	556	524	—	430	—	—
Kinnaur	—	—	754	629	—	556	—	—
Kullu	1,125	633	620	550	500	500	—	—
Lahaul & Spiti	—	—	600	471	—	455	—	—
Mandi	671	635	594	545	508	477	478	—
Shimla	763	553	624	558	498	491	—	—
Sirmaur	918	664	595	548	500	475	475	475
Solan	607	593	603	605	504	531	800	800
Una	473	558	612	525	544	487	—	—
State Average	711	529	615	539	508	484	584	638

District	Kulth		Masur		Peas		Current year	Last year
	Current year	Last year	Current year	Last year	Current year	Last year		
1	20	21	22	23	24	25	26	27
Bilaspur	2,500	—	2,000	—	1,200	—	—	—
Chamba	2,175	—	2,275	—	1,812	—	—	—
Hamirpur	1,100	—	2,008	—	1,500	—	—	—
Kangra	—	—	—	—	—	—	—	—
Kinnaur	—	—	—	—	1,500	—	—	—
Kullu	—	—	2,500	—	2,000	—	—	—
Lahaul & Spiti	—	—	—	—	2,900	—	—	—
Mandi	1,600	—	2,011	—	1,664	—	—	—
Shimla	2,200	—	1,800	—	—	—	—	—
Sirmaur	1,878	—	1,667	—	1,590	—	—	—
Solan	2,170	—	1,986	—	2,234	—	—	—
Una	1,800	—	1,617	—	—	—	—	—
State Average	1,938	—	1,985	—	1,828	—	—	—

No. VI

Principal Crops at certain Centres in Himachal Pradesh

(In Rs. per Qtl.)

Current year	Last year	Barley		Gram		Moong		Arhar		Mash	
		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		
625	550	1,425	—	—	—	1,800	—	2,500	—		
445	439	1,700	1,500	2,782	—	3,400	—	2,930	—		
606	515	1,495	1,667	2,323	—	—	—	1,958	—		
—	439	1,575	1,575	—	—	—	—	2,093	—		
638	524	—	—	—	—	—	—	—	—		
—	460	—	1,800	—	—	—	—	2,800	—		
633	596	—	—	—	—	—	—	—	—		
545	515	1,659	1,648	2,016	—	—	—	5,159	—		
482	508	1,567	1,600	—	—	—	—	2,344	—		
455	450	1,595	1,507	—	—	2,500	—	1,960	—		
600	560	1,757	1,600	2,800	—	1,500	—	2,286	—		
600	525	1,517	—	2,375	—	—	—	2,192	—		
563	507	1,588	1,612	2,549	—	2,300	—	2,322	—		

Current year	Last year	Ginger		Pepper		Chilies		Garlic		Coriander	
		Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year
28	29	30	31	32	33	34	35	36	37		
1,200	—	—	—	—	—	—	—	—	—		
7,800	—	—	—	6,750	4,000	2,042	—	5,000	—		
1,450	—	—	—	5,938	3,888	2,450	—	3,516	—		
2,033	1,493	—	—	—	—	—	—	—	—		
—	—	—	—	—	—	—	—	—	—		
—	—	—	—	4,600	—	—	—	4,000	—		
2,408	1,858	—	—	5,400	4,145	2,450	—	3,256	—		
1,500	—	—	—	—	—	—	—	—	—		
1,430	1,539	—	—	3,600	3,102	1,450	—	3,000	—		
1,567	1,567	—	—	5,900	4,300	2,880	—	—	—		
3,000	—	—	—	5,400	4,191	1,900	—	—	—		
2,488	1,639	—	—	5,370	3,912	2,195	—	4,693	—		

TABLE

Farm Harvest Prices during 1998-99 of

District	Turmeric		Zeera		Apple		Mango		Orange	
	Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year
1	38	39	40	41	42	43	44	45	46	47
Bilaspur	—	—	—	—	—	—	—	—	—	—
Chamba	—	—	—	—	1,800	—	3,000	—	2,000	—
Hamirpur	3,250	—	—	—	—	—	—	—	—	—
Kangra	—	—	—	—	—	—	—	—	—	—
Kinnaur	—	—	—	—	—	—	—	—	—	—
Kullu	—	—	—	—	—	—	—	—	—	—
Lahaul & Spiti	—	—	475	—	—	—	—	—	—	—
Mandi	3,533	—	—	—	—	—	—	—	—	—
Shimla	—	—	—	—	—	—	—	—	—	—
Sirmaur	1,533	—	—	—	689	—	—	—	—	—
Solan	3,000	—	—	—	—	—	—	—	—	—
Una	3,333	—	—	—	—	—	—	—	—	—
State Average ..	2,930	—	475	—	1,245	—	3,000	—	2,000	—

District	Almonds		Chilgoza		Walnut		Potato		Tomato	
	Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year
1	58	59	60	61	62	63	64	65	66	67
Bilaspur	—	—	—	—	—	—	—	—	—	—
Chamba	—	—	—	—	—	—	717	—	400	—
Hamirpur	—	—	—	—	—	—	433	—	725	—
Kangra	—	—	—	—	—	—	—	—	—	—
Kinnaur	—	—	—	—	—	—	470	—	—	—
Kullu	—	—	—	—	—	—	520	—	—	—
Lahaul & Spiti	—	—	—	—	—	—	900	—	—	—
Mandi	—	—	—	—	—	—	527	—	—	—
Shimla	—	—	—	—	—	—	—	—	—	—
Sirmaur	—	—	—	—	—	—	400	—	—	—
Solan	—	—	—	—	—	—	880	—	—	—
Una	—	—	—	—	—	—	300	—	—	—
State Average ..	—	—	—	—	—	—	602	—	563	—

No. VI—contd.

Principal Crops of certain Centres in Himachal Pradesh

(In Rs. per Qtl.)

Current year	Last year	Pears		Lichi		Plum		Lemon	
		Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year
48	49	50	51	52	53	54	55	56	57
—	—	—	—	—	—	—	—	—	—
—	—	1,500	—	2,000	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
700	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	500	—	—	—
700	—	1,500	—	2,000	—	500	—	—	—

Current year	Last year	Brinjal		Lady finger		Sugar Raw		Groundnut	
		Current year	Last year	Current year	Last year	Current year	Last year	Current year	Last year
68	69	70	71	72	73	74	75	76	77
2,000	—	—	—	—	—	—	—	—	—
—	—	1,000	—	1,000	—	—	—	—	—
—	—	500	—	800	—	—	—	1,142	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
1,325	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—
1,067	—	700	—	1,500	—	—	—	1,550	1,950
400	—	650	—	1,000	—	1,050	—	1,900	1,600
748	—	713	—	1,075	—	1,050	—	2,100	2,150

TABLE

Farm Harvest Prices during 1998-99 of

District	Casterseed		Linsseed	
	Current year	Last year	Current year	Last year
1	78	79	80	81
Bilaspur	—	—	—	—
Chamba	—	—	1,733	—
Hamirpur	—	—	2,066	—
Kangra	—	—	1,625	1,312
Kinnaur	—	—	—	—
Kullu	—	—	—	—
Lahaul & Spiti	—	—	—	—
Mandi	—	—	1,675	1,538
Shimla	—	—	—	—
Sirmaur	—	—	—	2,000
Solan	—	—	2,200	—
Una	—	—	1,900	—
State Average	—	—	1,867	1,617

District	Soyabean		Sunflower	
	Current year	Last year	Current year	Last year
1	88	89	90	91
Bilaspur	—	—	—	—
Chamba	4,200	—	—	—
Hamirpur	—	—	—	—
Kangra	—	—	—	—
Kinnaur	—	—	—	—
Kullu	—	—	—	—
Lahaul & Spiti	—	—	—	—
Mandi	1,378	—	—	—
Shimla	—	—	—	—
Sirmaur	1,733	—	1,500	—
Solan	2,450	—	—	—
Una	1,583	—	—	—
State Average	2,269	—	1,500	—

No. VI—concl'd.

Principal Crops of certain Centres in Himachal Pradesh

(In Rs. per Qtl.)

Current year	Last year	Mustard		Sesamum	
		Current year	Last year	Current year	Last year
82	83	84	85	86	87
—	—	—	2,400	—	—
1,700	—	1,840	1,731	4,000	2,600
2,016	—	—	—	4,800	2,565
—	—	2,484	1,760	2,300	1,925
—	—	—	—	—	—
—	—	1,980	2,200	—	—
—	—	1,766	1,725	1,650	—
—	—	1,760	1,646	3,985	3,123
—	—	—	1,850	—	—
1,175	—	1,430	1,811	2,886	1,990
1,550	—	2,593	—	2,450	2,067
—	—	1,817	—	2,920	2,475
1,610	—	1,959	1,890	3,124	2,379

Current year	Last year	Tea		Tobacco	
		Current year	Last year	Current year	Last year
92	93	94	95	96	97
—	—	—	—	—	—
—	2,600	—	—	1,200	1,100
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—
—	—	—	—	—	—
—	3,353	—	—	1,018	907
3,350	—	—	—	—	—
2,500	2,000	—	—	—	1,090
—	2,617	—	—	—	—
2,925	2,443	—	—	1,109	1,032

TABLE

Wages of Agriculture Labour in each

District	July						August			
	Normal No. of Working hrs.						Normal No.			
	Skilled labour						Skilled labour			
	Car-penters	Black-smiths	Cobblers	Field labour	Other Agriculture labour	Herds-men	Car-penters	Black-smiths	Cobblers	
1	2	3	4	5	6	7	8	9	10	
Bilaspur	89.00	87.00	90.00	59.00	57.00	—	89.00	87.00	83.00	
Chamba	70.00	60.00	—	60.00	51.00	51.00	70.00	60.00	—	
Hamirpur	83.00	83.00	—	46.00	—	46.00	83.00	83.00	—	
Kangra	90.00	80.00	80.00	40.00	40.00	40.00	90.00	80.00	80.00	
Kinnaur	120.00	120.00	—	70.00	70.00	70.00	120.00	120.00	—	
Kullu	118.00	101.00	120.00	58.00	83.00	58.00	118.00	101.00	120.00	
Lahaul & Spiti	100.00	100.00	—	60.00	60.00	—	120.00	120.00	—	
Mandi	85.00	72.00	68.00	63.00	44.00	44.00	85.00	72.00	68.00	
Shimla	126.00	115.00	113.00	85.00	76.00	67.00	126.00	115.00	113.00	
Sirmaur	110.00	110.00	100.00	53.00	50.00	50.00	110.00	110.00	100.00	
Solan	75.00	75.00	75.00	60.00	60.00	50.00	85.00	83.00	83.00	
Una	85.00	85.00	85.00	60.00	60.00	60.00	85.00	85.00	85.00	
State Average..	96.00	91.00	91.00	60.00	59.00	54.00	98.00	93.00	92.00	

District	October						November			
	Normal No. of working hrs.						Normal No. of			
	Skilled labour						Skilled labour			
	Carpen- ters	Black- smiths	Cobblers	Field labour	Other Agricul- ture labour	Herds- men	Carpen- ters	Black- smiths	Cobbler	
1	20	21	22	23	24	25	26	27	28	
Bilaspur	92.00	88.00	75.00	56.00	56.00	50.00	92.00	88.00	—	
Chamba	70.00	60.00	—	60.00	51.00	51.00	70.00	60.00	—	
Hamirpur	83.00	83.00	—	46.00	—	46.00	120.00	120.00	—	
Kangra	90.00	80.00	80.00	42.00	42.00	42.00	90.00	80.00	80.00	
Kinnaur	120.00	120.00	—	70.00	70.00	70.00	120.00	120.00	—	
Kullu	118.00	101.00	120.00	58.00	83.00	58.00	118.00	101.00	120.00	
Lahaul & Spiti	120.00	120.00	—	60.00	60.00	—	120.00	120.00	—	
Mandi	85.00	72.00	68.00	63.00	44.00	44.00	85.00	72.00	68.00	
Shimla	128.00	119.00	108.00	90.00	71.00	67.00	128.00	119.00	108.00	
Sirmaur	110.00	110.00	100.00	53.00	80.00	50.00	110.00	110.00	100.00	
Solan	85.00	83.00	83.00	60.00	93.00	73.00	85.00	83.00	83.00	
Una	85.00	85.00	85.00	60.00	60.00	60.00	85.00	85.00	85.00	
State Average..	99.00	93.00	90.00	60.00	60.00	56.00	102.00	97.00	92.00	

No. VII

District of Himachal Pradesh (State) in 1998-99

(Wages in Rupees per day)

District	September									
	Normal No. of working hrs.									
	Skilled labour									
	Field labour	Other Agriculture labour	Herds-men	Car-penters	Black-smiths	Cobblers	Field labour	Other Agriculture labour	Herds-men	
11	12	13	14	15	16	17	18	19		
Bilaspur	52.00	57.00	50.00	88.00	85.00	49.00	56.00	56.00	50.00	
Chamba	60.00	51.00	51.00	70.00	60.00	—	60.00	51.00	51.00	
Hamirpur	46.00	—	46.00	83.00	83.00	—	46.00	—	46.00	
Kangra	40.00	40.00	40.00	90.00	80.00	80.00	42.00	42.00	42.00	
Kinnaur	70.00	70.00	70.00	120.00	120.00	—	70.00	70.00	70.00	
Kullu	58.00	83.00	58.00	118.00	101.00	120.00	58.00	83.00	58.00	
Lahaul & Spiti	60.00	60.00	—	120.00	120.00	—	60.00	60.00	—	
Mandi	63.00	44.00	44.00	85.00	72.00	68.00	63.00	44.00	44.00	
Shimla	85.00	76.00	67.00	126.00	115.00	113.00	85.00	76.00	67.00	
Sirmaur	53.00	50.00	50.00	110.00	110.00	100.00	53.00	50.00	50.00	
Solan	60.00	73.00	73.00	85.00	83.00	83.00	60.00	73.00	73.00	
Una	60.00	60.00	60.00	85.00	85.00	85.00	60.00	60.00	60.00	
State Average..	59.00	60.00	55.00	98.00	93.00	87.00	59.00	60.00	56.00	

District	December									
	Normal No. of working hrs.									
	Skilled labour									
	Field labour	Other Agriculture labour	Herds-men	Car-penters	Black-smiths	Cobblers	Field labour	Other Agriculture labour	Herds-men	
29	30	31	32	33	34	35	36	37		
Bilaspur	56.00	56.00	50.00	92.00	88.00	47.00	56.00	56.00	50.00	
Chamba	60.00	51.00	51.00	70.00	60.00	—	60.00	51.00	51.00	
Hamirpur	70.00	—	70.00	120.00	120.00	—	70.00	—	70.00	
Kangra	42.00	42.00	42.00	90.00	80.00	80.00	42.00	42.00	42.00	
Kinnaur	70.00	70.00	70.00	120.00	120.00	—	70.00	70.00	70.00	
Kullu	58.00	83.00	58.00	118.00	101.00	120.00	58.00	83.00	58.00	
Lahaul & Spiti	60.00	60.00	—	120.00	120.00	—	60.00	60.00	—	
Mandi	63.00	44.00	44.00	85.00	72.00	68.00	63.00	44.00	44.00	
Shimla	90.00	71.00	67.00	128.00	119.00	108.00	90.00	71.00	67.00	
Sirmaur	57.00	50.00	50.00	110.00	110.00	100.00	57.00	50.00	50.00	
Solan	60.00	73.00	73.00	85.00	83.00	83.00	60.00	73.00	73.00	
Una	60.00	60.00	60.00	85.00	85.00	85.00	60.00	60.00	60.00	
State Average..	62.00	60.00	58.00	102.00	97.00	86.00	62.00	60.00	58.00	

TABLE

Wages of Agriculture Labour in each

District	January						February			
	Normal No. of working hrs.						Normal No. of			
	Skilled labour						Skilled labour			
	Car-penters	Black-smiths	Cobblers	Field labour	Other Agriculture labour	Herds-men	Car-penters	Black-smiths	Cobblers	
1	38	39	40	41	42	43	44	45	46	
Bilaspur	92.00	91.00	100.00	59.00	57.00	50.00	92.00	88.00	100.00	
Chamba	70.00	60.00	—	60.00	51.00	51.00	70.00	60.00	—	
Hamirpur	120.00	120.00	—	70.00	—	70.00	120.00	120.00	—	
Kangra	90.00	80.00	80.00	42.00	42.00	42.00	90.00	80.00	80.00	
Kinnaur	120.00	120.00	—	70.00	70.00	70.00	120.00	120.00	—	
Kullu	118.00	101.00	120.00	58.00	83.00	58.00	118.00	101.00	120.00	
Lahaul & Spiti,	100.00	100.00	—	60.00	60.00	—	100.00	100.00	—	
Mandi	85.00	72.00	68.00	63.00	44.00	44.00	99.00	83.00	50.00	
Shimla	128.00	119.00	108.00	90.00	71.00	67.00	128.00	119.00	108.00	
Sirmaur	110.00	110.00	100.00	43.00	50.00	50.00	110.00	110.00	100.00	
Solan	85.00	83.00	83.00	60.00	73.00	73.00	85.00	83.00	83.00	
Una	85.00	85.00	85.00	60.00	60.00	60.00	85.00	85.00	85.00	
State Average	100.00	95.00	93.00	62.00	60.00	58.00	101.00	96.00	96.00	

District	April						May			
	Normal No. of working hrs.						Normal No. of			
	Skilled labour						Skilled labour			
	Car-penters	Black-smiths	Cobblers	Field labour	Other Agriculture labour	Herds-men	Car-penters	Black-smiths	Cobblers	
1	56	57	58	59	60	61	62	63	64	
Bilaspur	92.00	88.00	—	56.00	56.00	50.00	94.00	91.00	100.00	
Chamba	70.00	60.00	—	60.00	51.00	51.00	70.00	63.00	—	
Hamirpur	120.00	120.00	—	70.00	—	70.00	120.00	120.00	—	
Kangra	90.00	80.00	80.00	42.00	42.00	42.00	90.00	80.00	80.00	
Kinnaur	120.00	120.00	—	70.00	70.00	70.00	120.00	120.00	—	
Kullu	118.00	101.00	120.00	58.00	83.00	58.00	118.00	101.00	120.00	
Lahaul & Spiti,	100.00	150.00	—	60.00	60.00	—	150.00	150.00	—	
Mandi	99.00	83.00	90.00	68.00	52.00	52.00	99.00	83.00	90.00	
Shimla	133.00	119.00	108.00	90.00	71.00	64.00	133.00	119.00	108.00	
Sirmaur	110.00	110.00	100.00	53.00	50.00	50.00	110.00	110.00	100.00	
Solan	85.00	83.00	83.00	60.00	73.00	73.00	85.00	83.00	83.00	
Una	85.00	85.00	85.00	60.00	60.00	60.00	85.00	85.00	85.00	
State Average	105.00	99.00	96.00	62.00	61.00	58.00	106.00	100.00	96.00	

No. VII—Contd.

District of Himachal Pradesh (State) in 1998-99

(Wages in Rupees per day)

working hrs.	March								
	Normal No. of working hrs.								
	Skilled labour								
	Field labour	Other Agriculture labour	Herds-men	Car-penters	Black-smiths	Cobblers	Field labour	Other Agriculture labour	Herds-men
47	48	49	50	51	52	53	54	55	
56.00	56.00	50.00	92.00	88.00	—	56.00	56.00	50.00	
60.00	51.00	51.00	70.00	60.00	—	60.00	51.00	51.00	
70.00	—	70.00	120.00	120.00	—	70.00	—	70.00	
42.00	42.00	42.00	90.00	80.00	80.00	42.00	42.00	42.00	
70.00	70.00	70.00	120.00	120.00	—	70.00	70.00	70.00	
58.00	83.00	58.00	118.00	101.00	120.00	58.00	83.00	58.00	
60.00	60.00	—	100.00	150.00	—	60.00	60.00	—	
68.00	60.00	52.00	99.00	83.00	90.00	68.00	52.00	52.00	
90.00	52.00	67.00	133.00	119.00	108.00	90.00	71.00	64.00	
53.00	53.00	50.00	110.00	110.00	100.00	53.00	50.00	50.00	
60.00	73.00	73.00	85.00	83.00	83.00	60.00	73.00	73.00	
60.00	60.00	60.00	85.00	85.00	85.00	60.00	60.00	60.00	
62.00	61.00	58.00	105.00	99.00	96.00	62.00	61.00	58.00	

working hrs.	June								
	Normal No. of working hrs.								
	Skilled labour								
	Field labour	Other Agriculture labour	Herds-men	Car-penters	Black-smiths	Cobblers	Field labour	Other Agriculture labour	Herds-men
65	66	67	68	69	70	71	72	73	
60.00	57.00	50.00	92.00	88.00	100.00	57.00	57.00	50.00	
60.00	51.00	51.00	70.00	60.00	—	60.00	51.00	51.00	
70.00	—	70.00	120.00	120.00	—	70.00	—	70.00	
42.00	42.00	42.00	90.00	80.00	80.00	42.00	42.00	42.00	
70.00	70.00	70.00	120.00	120.00	—	70.00	70.00	70.00	
58.00	83.00	58.00	118.00	101.00	120.00	58.00	83.00	58.00	
60.00	60.00	—	150.00	150.00	—	60.00	60.00	—	
68.00	52.00	52.00	99.00	83.00	83.00	90.00	52.00	52.00	
90.00	71.00	64.00	133.00	119.00	108.00	90.00	71.00	64.00	
53.00	50.00	50.00	110.00	110.00	100.00	57.00	50.00	50.00	
60.00	73.00	73.00	85.00	83.00	83.00	60.00	73.00	73.00	
60.00	60.00	60.00	85.00	85.00	85.00	60.00	60.00	60.00	
63.00	61.00	61.00	106.00	99.00	95.00	64.00	61.00	58.00	

TABLE No. VIII

(Number of Livestock, Poultry, Agricultural Machinery and Implements)
In each District of Himachal Pradesh according to last census as on

Sub-Schedule I—Live Stock (Cross Bred Cattle) :

Male over 2½ Yrs.	1. Used for breeding only	2,095
	2. Used for work only	52,764
	3. Used both for work and breeding	3,216
	4. Used for neither breeding nor work	844
	5. Total Male over 2½ year	58,919
Female over 2½ Yrs.	6. In Milk	83,591
	7. Dry	28,331
	8. Not yet calved	10,384
	9. Others	2,120
	10. Total Female over 2½ Yrs.	1,24,426
Young Stock Under 1 Yr.	11. Male	14,360
	12. Female	80,848
	13. Total	55,208
1 to 2½ Yrs.	14. Male	11,540
	15. Female	30,300
	16. Total	41,840
Total Male	17.	
Cross Bred		
Total Female	18.	84,819
Cross Bred		
Total Cross	19.	1,95,574
Bred Cattle		
Indigenous Cattle Male		2,80,393
over 3 Yrs.	20. Used for breeding only	14,368
	21. Used for work only	7,26,467
	22. Used for both work and breeding	48,526
	23. Used for neither work nor breeding	5,986
	24. Total male over 3 years	7,95,347
Female over 3 years	25. In Milk	3,01,230
	26. Dry	2,34,527
	27. Not yet calved	65,824
	28. Others	13,419
	29. Total Female	6,15,000
Young Stock under 1 Yr.	30. Male	82,277
	31. Female	1,45,952
	32. Total	2,28,229
1 to 3 Yrs.	33. Male	1,13,600
	34. Female	1,32,465
	35. Total	2,46,065
Total Male	36.	9,91,224
Total Female	37.	8,93,417
Total Indigenous Cattle	38.	18,84,641
Total Cattle (Cross Bred & Indigenous).	39.	21,65,034
B—Buffalos		
Male over 3 years	40. Used for breeding only	4,423
	41. Used for work only	2,319
	42. Used both for work and breeding	827
	43. Used for neither breeding nor work	184
	44. Total male	7,753
Female over 3 years	45. In Milk	2,99,909
	46. Dry	1,36,485
	47. Not yet calved	31,604
	48. Others	6,481
	49. Total Female	4,74,479

TABLE VIII—contd.

Young Stock under 1 year	50. Male	17,169
	51. Female	98,323
	52. Total	1,15,492
1 to 3 years	53. Male	8,328
	54. Female	97,497
	55. Total	1,05,825
	56. Total Buffalos (Male and Female) (Cols. 44+49+52+55) Due to update of data.	70,35,549
C—Yaks		
Over 3 years	57. Male	2,791
	58. Female	2,179
	59. Total	4,970
Upto 3 years	60. Male	372
	61. Female	348
	62. Total	720
Total (Male+Female)	63. (Col. 59+62)	5,690
D—Mithuns		
Over 3 years	64. Male	2
	65. Female	4
	66. Total	6
Upto 3 years	67. Male	—
	68. Female	—
	69. Total	—
	70.	6
Total Mithuns (Male & Female).		
Total Bovines	71. (A+B+C+D)	28,74,279
E—Sheep (Cross Bred)		
1 year and over	72. Male	17,539
	73. Female	34,702
	74. Total	52,241
Under 1 year	75. Male	9,334
	76. Female	10,940
	77. Total	20,274
	78. Total Cross Bred	72,515
Sheep (Indigenous)		
1 year and over	79. Male	1,95,468
	80. Female	5,60,613
	81. Total	7,56,081
Under 1 year	82. Male	1,05,715
	83. Female	1,44,629
	84. Total	2,50,344
	85. Total (Indigenous)	10,06,425
	86. Total Sheep (Cross Bred and Indigenous).	10,78,940
F—Goats		
1 year and above	87. Male	1,70,139
	88. Female	6,67,659
	89. Total	8,37,798
Under 1 year	90. Male	1,13,641
	91. Female	1,66,655
	92. Total	2,80,296
	93. Total Goats	11,18,094
G—Horses and Ponies		
3 years and over	94. Male	6,675
	95. Female	5,247
	96. Total	11,922
Under 3 years	97. Male	927
	98. Female	1,206
	99. Total	2,133
	100. Total Horses and Ponies	14,055

TABLE VIII—contd.

H—Mules			
3 years and over	101. Male		15,399
Under 3 years	102. Female		991
	103. Total		16,390
I—Donkeys			
Upto 4 years	104. Male		3,902
	105. Female		3,620
	106. Total		7,522
Over 4 years	107. Male		—
	108. Female		—
	109. Total		—
	110. Total Donkeys		7,522
J—Camel			
Upto 4 years	111. Male		349
	112. Female		18
	113. Total		367
	114. Total Camel		367
K—Pigs (Cross Bred/Exotic)			
6 months and above	115. Male		451
	116. Female		300
	117. Total		751
Below 6 months	118. Male		263
	119. Female		263
	120. Total		526
	121. Total (Cross Bred/Exotic)		1,277
6 months and above Indigenous.	122. Male		2,637
	123. Female		1,421
	124. Total		4,058
Below 6 months	125. Male		1,019
	126. Female		932
	127. Total		1,951
	128. Total Indigenous (Pigs)		6,009
	129. Total (Indigenous and cross-bred)		7,286
L—Dogs			
Domestic			
	130. Male		1,07,083
	131. Female		21,417
	132. Total		1,28,500
Others			
	133. Male		10,948
	134. Female		6,323
	135. Total		17,271
	136. Total Dogs		1,45,771
Sub-Schedule No. II—Poultry :			
Fowls :			
Cocks			
	1. Desi		89,036
	2. Improved		49,874
	3. Total		1,38,910
Hens			
	4. Desi		1,86,187
	5. Improved		1,86,741
	6. Total		3,72,928
Chickens (Below 5 months)			
	7. For Eggs		33,676
	8. For Meat		19,865
	9. For Eggs		54,670
	10. For Meat		1,01,850
	11. Total		2,10,011
	12. Total Fowls		7,21,849

TABLE VIII—contd.

Drakes			
	13. Desi		45
	14. Improved		22
	15. Total		67
Ducks			
	16. Desi		28
	17. Improved		45
	18. Total		73
Duckling (below 6 months)			
	19. Desi		4
	20. Improved		2
	21. Total		6
Others i.e. Turkeys Quails and guinea fowls etc.			
			747
A. Sub-Schedule No. III—Agricultural Implements and Machinery			
Hand Operated Implements			
	1. Seed-cum-fertilizer drill		4,349
	2. Seed drill		4,932
	3. Chaff Cutter		1,14,041
	4. Wheel Hoe		19,66,840
	5. Sprayer and Duster		32,948
	6. Rice Planter		1,118
	7. Thresher		2,692
Animal Operated Implements			
	8. Wooden Ploughs		5,25,973
	9. Soil stirring Steel Ploughs		1,42,935
	10. Soil turning Steel Ploughs		41,441
	11. Triphali (Cultivator)		47,045
	12. Disc harrow		1,52,315
	13. Seed-cum-fertilizer drill		630
	14. Levelling karah (leveller)		2,59,568
	15. Wet land puddler		70,927
	16. Olpad animal operated thresher		464
	17. Animal Cart		1,128
	18. Sugarcane crusher		1,361
	19. Ghanis		82
	20. Persian wheel		234
	21. Seed Drill		2,548
Plant protection Equipment, Engine etc.			
	22. Power operated sprayer/duster		1,791
	23. Diesel Engine Pump set		1,299
	24. Electric Pump set		1,222
C—Tractor and other power operated implements.			
	25. Agricultural power tiller		901
	26. Agricultural Tractors		2,565
	27. Mould board plough		2,080
	28. Disc harrow		2,384
	29. Seed-cum-fertilizer drill		340
	30. Planter		95
	31. Leveller		754
	32. Potato diggers		3,682
Combine harvester			
	33. Trailer		324
	34. Tractor operated		—
	35. Self propelled		—
Power Operated Thresher			
	36. Paddy		1,925
	37. Wheat		12,700
	38. Multi Crops		1,035
	39. Maize Sheller		3,561
	40. Chaff cutter		7,827
	41. Sugarcane crusher		517
	42. Reaper		3,933
D—Equipment for Livestock and Poultry.			
	43. Incubators		77
	44. Breeders		41
	45. Cages		7,358
	46. Feeding Hoppers/troughs		3,165

Type of Fishing activity undertaken in

District	Total Number of Members		
	Male	Female	Children
	2	3	4
1			
Bilaspur	377	139	274
Chamba	11	11	15
Hamirpur	36	32	67
Kangra	471	297	558
Kinnaur	—	—	—
Kullu	—	—	—
Lahaul & Spiti	—	—	—
Mandi	324	286	424
Shimla	—	—	—
Sirmaur	13	12	19
Solan	—	—	—
Una	92	59	95
State Total	1,324	836	1,452

Trawlers

District	Trawlers							
	Upto 7.5				7.6 to 10.0			
	Upto 25 H.P.	26 to 75 H.P.	76 to 100 H.P.	Above 100 H.P.	Upto 25 H.P.	26 to 75 H.P.	76 to 100 H.P.	Above 100 H.P.
1	12	13	14	15	16	17	18	19
Bilaspur	—	—	—	—	—	—	—	—
Chamba	—	—	—	—	—	—	—	—
Hamirpur	1	—	—	—	—	—	—	—
Kangra	26	27	22	12	5	3	—	—
Kinnaur	—	—	—	—	—	—	—	—
Kullu	—	—	—	—	—	—	—	—
Lahaul & Spiti	—	—	—	—	—	—	—	—
Mandi	—	—	—	—	—	—	—	—
Shimla	—	—	—	—	—	—	—	—
Sirmaur	—	—	—	—	—	—	—	—
Solan	—	—	—	—	—	—	—	—
Una	—	—	—	—	7	—	—	—
State Total	27	27	22	12	12	3	—	—

land/marine including Estuarine

Number of family members engaged in different fishers' activities		Engaged in actual operation of fishing			Engaged in other occupations			Inland water area (in hect.) owned/leased in by fisherman household
Full time	Part time	Marketing of fish	Repairing of nets	Processing of fish	Others	Leased in		
5	6	7	8	9	10	11		
117	69	90	73	1	13	—		
—	11	6	6	2	—	—		
—	7	6	6	—	2	—		
87	176	31	31	4	—	226		
—	—	—	—	—	—	—		
—	—	—	—	—	—	—		
—	26	2	18	—	—	—	1	
—	—	—	—	—	—	—	—	
—	22	8	2	—	—	—	200	
—	—	—	—	—	—	—	—	
—	2	32	4	—	—	—	177	
204	313	175	140	7	15	604		

Size in Metres

Trawlers							
10.1 to 17.5				above 17.5			
Upto 25 H.P.	26 to 75 H.P.	76 to 100 H.P.	above 100 H.P.	Upto 25 H.P.	26 to 75 H.P.	76 to 100 H.P.	above 100 H.P.
20	21	22	23	24	25	26	27
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
3	2	1	2	1	180	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
35	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
—	—	7	—	—	—	—	—
33	2	8	2	1	180	—	—

